Duncanville City Council Meeting Agenda

City Council Briefing Room and City Council Chamber
Duncanville City Hall
203 E. Wheatland Road
Duncanville, TX 75116
(972) 780-5017

Tuesday, June 4, 2024
6:00 P.M. - Work Session/Briefing
7:00 P.M. - Regular Session
or immediately following the 6:00 pm Work Session/Briefing

City of Duncanville City Council meetings are available to all persons regardless of disability. The City of Duncanville offers Hearing Assistance Receivers for use during City Council Regular Sessions. If you require special assistance, please contact the City Secretary at (972)780-5017 or write 203 E. Wheatland Road, 75116, or by calling through a T.D.D. (Telecommunication Device for the Deaf) to Relay Texas at 1-800-735-2989 at least 48 hours in advance of the meeting.

As authorized by Section 551.071 of the Texas Government Code, this meeting may be convened into closed Executive Session for the purposes of seeking confidential legal advice from the City Attorney on any item on the agenda at any time during the meeting.

Pursuant to Texas Government Code 551.127, one or more members of the governing body may appear via videoconference call. The presiding officer and a quorum of the City Council will be physically present at the above stated location.

The City of Duncanville reserves the right to reconvene, recess or align the Regular Session or called Executive Session or order of business at any time prior to adjournment at the direction and agreement of the Mayor and Council.

This is an open meeting conducted in-person and will be broadcast by website and social media channels.

To view the live meeting or previous meetings click on the link below.
https://duncanvilletx.new.swagit.com/views/454/

To submit a comment via email the following information is required:

- Submit a comment by 4:00 p.m. on Tuesday, June 4, 2024.
- Email city.secretary@duncanvilletx.gov
- Email title: Public Comment – Tuesday, June 4, 2024
- First Name, Last Name, and Address

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WORK SESSION / BRIEFING

1. DISCUSS AGENDA ITEMS

2. CITY COUNCIL CALENDAR

3. BRIEFINGS / PRESENTATIONS

A. Council to receive a briefing on a Software as a Service (SaaS) agreement with Tyler Technologies for the Southwest Regional Communications Center. — 7 - 98

SWRCC - Software as a Service Agreement

B. Council to receive a briefing on an Automated Metering Infrastructure proposal by Performance Services. — 99 - 109

AMI - Performance Services

C. Receive a presentation from the Duncanville Police Department on revising Chapter Four—Animals and Fowl City Ordinance to comply with state legislation changes and best practices. — 110 - 111

Chapter Four—Animals and Fowl City Ordinance

D. Update City Council on the expansion of the Independence Day Celebration — 112 - 122

Red, White & BBQ Festival

EXECUTIVE SESSION

1. City Council shall convene into closed executive session pursuant to Section 551.074, of the Texas Government Code, Personnel, to deliberate the duties of the City Manager under the Home Rule Charter pursuant to Section 551.071 of the Texas Government Code; and to seek legal advice from the City Attorney on the same topic. — 123

Executive Session

REGULAR SESSION - CONVENE INTO THE COUNCIL CHAMBERS (7:00 P.M. OR IMMEDIATELY FOLLOWING THE 6:00 PM WORK SESSION/BRIEFING)

CALL TO ORDER
INVOCATION - Pastor Brance Barker of Duncanville First Baptist Church
PLEDGES - PLEDGE OF ALLEGIANCE; TEXAS PLEDGE OF ALLEGIANCE

1. REPORTS

The Mayor’s Report, the Councilmembers' Reports, and the City Manager's Report are informational only. There is no Council deliberation or action taken on any of these items.

A. Mayor's Report.

B. Councilmembers' Reports

C. City Manager's Report.

2. PROCLAMATIONS AND PRESENTATIONS

A.	Proclamation in recognition of Juneteenth Day in Duncanville 2024. Proclamation - Juneteenth	124 - 127
B.	Presentation of the Keep Duncanville Beautiful Summer 2024 Business Beautification Award Plaque and Proclamation to Chick-fil-A - Duncanville located at 300 W. Hwy 67. Spring 2024 Business Beautification Award - Chick-fil-A	128 - 131
C.	Recognition of Keep Duncanville Beautiful Summer 2024 Curb Appeal Residential Properties. Keep Duncanville Beautiful Spring 2024 Curb Appeal	132 - 136
D.	Council to receive the final report on Economic Development in Duncanville from MRB Group. MRB Group - Economic Development Organizational Plan	137 - 164
E.	Council to receive a briefing on the proposed Life School development and hear updates from the Planning and Zoning Commission meeting where the proposal was discussed. Rezoning - Planned Development - 1000 Danieldale Road	165 - 406

3. CITIZENS' INPUT

In-person citizen comments will be heard during the Regular Session. In keeping with the City Council's Rules of Procedure adopted on October 18, 2022, electronic mail comments will no longer be read aloud. Paper copies will be provided to the City Council at the dais. The comments will be made a part of the public record in the minutes.

"Pursuant to Section 551.007 of the Texas Gov't Code, any member of the public has the opportunity to address the City Council concerning any matter of public business or any posted agenda item; however, the Act prohibits the City Council from deliberating any issues not on the public agenda and such non-agenda issues may be referred to City staff for research and any future action; all persons addressing are subject to council adopted rules and limitations permitted by law"

At this time, two-minute comments will be taken from the audience on any topic. To address the Council, please submit a fully-completed request card to the City Secretary prior to the beginning of the Citizens' Input portion of the Council meeting. In accordance with the Texas Open Meetings Act, the City Council cannot discuss issues raised or make any decisions at this time. Issues may be referred to City Staff for research and possible future action.

4. CONSENT AGENDA

The following may be acted upon in one motion. A City Councilmember may request items be removed from the Consent Agenda for individual consideration.

A. Consider the Minutes for the May 21, 2024, City Council Regular Meeting. 407 - 411

City Council - 21 May 2024 - Minutes

B. Consider a Resolution authorizing the purchase of (4) four Self-Contained Breathing Apparatus (SCBA) from Metro Fire Apparatus Specialists, Inc., through the Buy Board Contract #698-23 for a discounted unit price bid with an estimated expenditure amount of $12,512.00. 412 - 524

Purchase of replacement SCBA's from Metro Fire

C. Consider a Resolution authorizing the second amendment to Professional Services Agreement 18-115 with IEA, Inc. for additional professional engineering services as part of the Greenbriar Estates Water and Wastewater Improvements Project, in the amount of $36,000.00, not exceeding a total contract amount of $198,596.45. 525 - 532

Greenbriar Estates Water and Wastewater Improvements Second Amendment

D. Consider a Resolution awarding a bid and authorizing a cooperative purchasing agreement with Cintas Corporation No. 2 for fire protection services through The University of Nebraska Contract 001299 via OMNIA Partners for a one-year term, with the option to renew for up to four additional one-year terms, in an estimated contract amount not to exceed $329,030.00 over the five years, subject to the exercise of a contract renewal and City Council appropriation. 533 - 539

Cintas Agreement for Fire Protection Services

E. Consider a Resolution awarding a bid and authorizing a cooperative purchasing agreement with Trane US Inc. for HVAC products, installation, labor-based solutions, and related products and services through Racine County, Wisconsin Contract 3341 via OMNIA Partners for a one-year term, with the option to renew for up to four additional one-year terms, in an estimated contract amount not to exceed $148,015.00 over the five years, subject to the exercise of a contract renewal and City Council appropriation. 540 - 547

Trane Agreement for HVAC Services

F. Consider a Resolution authorizing the purchase of three vehicles from Silsbee Ford Fleet Group that will be used in support of the Police Department’s Patrol Division, in the expenditure amount not to exceed $216,913.95, with the additional purchase of upfitting cost to Axon in the expenditure amount not to exceed $39,349.44; with the additional purchase of upfitting cost to Motorola in an amount not to exceed $16,935.15. 548 - 553

Patrol Vehicles - Asset Forfeiture Funds

G. Consider approval of Resolution 2024-275 for Professional Services Contract Number 24-76102 with Kimley-Horn and Associates, Inc. for dog park master planning services in an amount not to exceed $75,000.00. 554 - 595

Kimley Horn Dog Master Plan Contract

5. ITEMS FOR INDIVIDUAL CONSIDERATION

A. Take any necessary action as a result of the Executive Session.

B. Election of Mayor Pro Tem for 2024-2025 596 - 597
Mayor Pro Tem 2024-2025

C. Discuss Regular City Council meeting dates for the remainder of 2024 598 - 600
Council Meeting Dates - Pdf

D. Council to discuss and deliberate proposed amendments to the Rules of Procedure. 601 - 622
Council's Rules of Procedure

E. Consider approval of Resolution 2024-281 establishing the Comprehensive Master Plan Advisory Committee, defining the scope of work for said committee, and appointing committee members. 623 - 626
Comp Master Plan Advisory Committee

F. Consider approval of Resolution 2024-279 establishing the Charles F. Ladd Nature Preserve Master Plan Advisory Committee, defining the scope of work for said committee, and appointing committee members. 627 - 630
Ladd Advisory Committee 2024

G. Consider approval of Resolution 2024-280 establishing the Dog Park Master Plan Advisory Committee, defining the scope of work for said committee, and appointing committee members. 631 - 634
Dog Park Master Plan Advisory Committee

H. Consider a resolution authorizing approval of an incentive grant by the Duncanville Community & Economic Development Corporation (DCEDC) to Sharon's Loving Home Health Care, LLC, in an amount not to exceed $6,473.35 for a building located at 436 North Main Street. Duncanville, Texas, 75137. 635 - 661
DCEDC Design Incentive Grant-Sharon's Loving Home Health Care, LLC

6. STAFF AND BOARD REPORTS

A. Council to receive a briefing on special events process, reorganizational structure into Economic Development. 662 - 674
Special Events Briefing

B. Receive a briefing presentation on the Texas A&M and USDA Forest Service Municipal Forester Grant 675 - 677
Briefing Presentation on the Texas A&M and USDA Forest Service Municipal Forester Grant

C. Receive the Parks and Recreation Department Quarterly Report 678 - 695
Parks and Recreation Department Quarterly Report

D. Receive the Fiscal Year 2023-2024 Second Quarter Investment Report as of March 31, 2024. 696 - 705
FY2024 Q2 Investment Report as of March 31, 2024

E. Monthly Financial Report as of April 30, 2024 706 - 752
Receive the Monthly Financial Report as of April 30, 2024

ADJOURNMENT

I, the undersigned authority, do hereby certify that this Notice of Meeting was posted in accordance with the regulations of the Texas Open Meetings Act on the bulletin board located outside the entrance to the City of Duncanville City Hall, next to the entryway doors, a place convenient and readily accessible to the general public, as well as to the City's website www.duncanvilletx.gov and said Notice was posted **by** the following date and time: **Thursday, May 30, 2024, by 5:30 P.M.** and remained posted for at least two hours after said meeting was convened.

Chiquita Taylor, City Secretary

"Guns prohibited on these premises by state law unless licensed under Chapter 411, Tex. Gov. Code. Section 46.035 Texas Penal Code."

"Las armas de fuego están prohibidas en estas instalaciones por la ley estatal a menos que estén autorizadas bajo el Capítulo 411 del Código de Gobierno de Texas. Sección 46.035 del Código Penal de Texas."

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Council to receive a briefing on an Software as a Service (SaaS) agreement with Tyler Technologies for the Southwest Regional Communications Center.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Develop: Infrastructure Improvement Strategy**
  - **Ensure the viability and adaptability of the city's infrastructure, facilities, and transportation network through thoughtful financial and long-term planning.**

STAFF RESPONSIBLE:
Douglas Finch, City Manager
Terry Bohan, BerryDunn

BACKGROUND/HISTORY:
The City of Duncanville partners with the cities of DeSoto and Cedar Hill to share 9-1-1 dispatch services through the Southwest Regional Communications Center, which is housed in DeSoto. The SWRCC is planning to upgrade its CAD system, which should improve the services provided by SWRCC to the member cities.

POLICY EXPLANATION:
BerryDunn is the project manager for SWRCC's CAD conversion and will provide a presentation on what can be expected from this new SaaS agreement with Tyler Technologies.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	**Purchase Amount**	**After Encumber**
N/A	N/A	N/A

ACTION ALTERNATIVES:
No action. Briefing only.

ATTACHMENTS:
DeSoto contract quote summary 05012024
Desoto TX SaaS Agreement 02022024 v2 04252024 - Redlines 051024 (003)

Sales Quotation For: Southwest Regional Communication Center
Quote Number: 2023-441797-B9G2X8

ANNUAL/SAAS COSTS INCLUDED

Computer Aided Dispatch

- Enterprise CAD Combined LE/Fire/EMS
- CAD AVL
- BOLOs
- CAD Auto Routing
- Service Vehicle Rotation (Wrecker, Ambulance)
- Web CAD Monitor
- Alarm Interface (supports CryWolf)
- CAD CFS (xml) Export Interface
- E-911 Interface
- Encoder Interface
- CAD NCIC Interface
- CAD Paging Interface
- Pre-Arrival Questionnaire Interface
- CAD Data Mart / Includes 2 users

Law Enforcement Records Management System

- Public Safety Analytics (Performance Dashboard, Citizen Connect, Explorer, Analytics)
- Alarms
- Crash
- Citizen Reporting Interface
- Stop Data
- Equipment and Inventory
- Gangs
- Livescan Interface
- Narcotics
- NCIC Interface
- Pawn Shops
- Enterprise Law Enforcement Records
- Bookings
- Content Manager Core

Mobile

- Enterprise Law Enforcement Mobile Server Software
- Law Enforcement Mobile Site License
- Fire/EMS Mobile Site License
- Field Reporting Site License

Other Software

- Enterprise Public Safety SaaS Fees
- Workstation License

SaaS Fees

- Link Analysis

Third Party

- Carbyne Events History (data retention 1 year)
- Carbyne Responder Connect
- Carbyne ECaaS All Inclusive Bundle [10]

Enforcement Mobile

- Interface: TXDOT - State of Texas [2]
- Task: Driver Exchange Module
- Task: K9 Tracking Module
- Task: Tow/Impound Report (custom)
- Crash Report Software (w/Drawing Tool) [54]

Fire Prevention Mobile

- Inspector Mobile
- Company Inspector Pre plans only for each department
- Onboard Codes - ICC
- Contractor Access (3.50 per transaction)
- Product Integration FPM-CAD & Fire Field Mobile
- Product Integration - FPM and Emergency Networking

SERVICES INCLUDED

- Professional Services and Implementation
  - Includes Combined Records Training for all Agencies
- Data Archive Single Source: CAD and LERMS (up to 20 modules)
- Custom Interface: Motorola P25 Radio AVL, PTT, Emergency Button

THIRD PARTY PRODUCTS INCLUDED

- Redundant VPN Appliance Bundle
- Embedded Third Party Software
- Geo-File Maintenance Software (ArcGIS for Desktop Standard) / per Workstation
- Lantronix UDS-1100
- Bar Coding Scanner Kit w/Signature Pad
- Digital Camera for Mug Shots

SUMMARY COSTS

		One-Time Fees	Recurring Fees
SaaS Fees		$ 0.00	$ 510,564.00
Professional Services		$ 408,715.00	$ 0.00
Third-Party Hardware, Software, Services		$ 51,115.00	$ 6,195.00
Estimated Travel Expenses		$ 86,000.00	$0.00
	Total	**$ 545,830.00**	**$ 516,759.00**

Optional Items	
	One-Time Fees
• Additional VPN Appliances (3)	$18,000

• Additional Data Archive CAD/RMS Modules
  o CAD Location Notes
  o Intelligence Cases and Expungement Log
  o Accident Reports
	$18,000

• Additional Records Training - Separate Agency Trainings	$8,700

Assumptions

National Data Exchage (N-Dex) / Texas Data Exchange T-DEx:

Tyler does not currently offer a standard interface to N-Dex or T-DEx. Our customer advisory board along with several agencies across the country have requested that Tyler evaluate adding this interface to our standard Records Management system. If Tyler develops and offers a T-DEx interface in the future, we agree to provide it to the Client at our then standard rates but not to exceed an annual SaaS fee of $8,000. Configuration and setup services may apply.

SOFTWARE AS A SERVICE AGREEMENT

This Software as a Service Agreement is made between Tyler Technologies, Inc. and Client.

WHEREAS, Client selected Tyler to provide certain products and services set forth in the Investment Summary, including providing Client with access to Tyler's proprietary software products, and Tyler desires to provide such products and services under the terms of this Agreement.

NOW THEREFORE, in consideration of the foregoing and of the mutual covenants and promises set forth in this Agreement, Tyler and Client agree as follows:

SECTION A – DEFINITIONS

- **"Agreement"** means this Software as a Services Agreement.
- **"Business Travel Policy"** means our business travel policy. A copy of our current Business Travel Policy is attached as Schedule 1 to Exhibit B.
- **"Client**" means the City of DeSoto, TX.
- **"Data"** means your data necessary to utilize the Tyler Software.
- **"Data Storage Capacity"** means the contracted amount of storage capacity for your Data identified in the Investment Summary, if any.
- **"Defect"** means a failure of the Tyler Software to substantially conform to the functional descriptions set forth in our written proposal to you, or their functional equivalent, based on a condition within our reasonable control. Future functionality may be updated, modified, or otherwise enhanced through our maintenance and support services, and the governing functional descriptions for such future functionality will be set forth in our then-current Documentation.
- **"Developer"** means a third party who owns the intellectual property rights to Third Party Software.
- **"Documentation"** means any online or written documentation related to the use or functionality of the Tyler Software that we provide or otherwise make available to you, including instructions, user guides, manuals and other training or self-help documentation.
- **"Effective Date"** means the last signature date set forth in the signature block.
- **"Force Majeure"** means an event beyond the reasonable control of you or us, including, without limitation, governmental action, war, riot or civil commotion, fire, natural disaster, or any other cause that could not with reasonable diligence be foreseen or prevented by you or us.
- **"Investment Summary"** means the agreed upon cost proposal for the products and services attached as Exhibit A.
- **"Invoicing and Payment Policy"** means the invoicing and payment policy. A copy of our current Invoicing and Payment Policy is attached as Exhibit B.
- **"Order Form"** means an ordering document that includes a quote or Investment Summary and specifying the items to be provided by Tyler to the Client, including any addenda and supplements thereto.
- **"SaaS Fees"** means the fees for the SaaS Services identified in the Investment Summary.
- **"SaaS Services"** means Software as a Service consisting of system administration, system management, and system monitoring activities that Tyler performs for the Tyler Software, and includes the right to access and use the Tyler Software, receive maintenance and support on the Tyler Software, including Downtime resolution under the terms of the SLA, and Data storage and archiving. SaaS Services do not include support of an operating system or hardware, support outside of our normal business hours, or training, consulting or other

professional services.

- **"SLA"** means the Service Level Agreement. A copy of our current SLA is attached hereto as Exhibit C.
- **"Statement of Work"** means the industry standard implementation plan describing how our professional services will be provided to implement the Tyler Software, and outlining your and our roles and responsibilities in connection with that implementation. The Statement of Work is attached as Exhibit D.
- **"Support Call Process"** means the support call process applicable to all of our customers who have licensed the Tyler Software. A copy of our current Support Call Process is attached as Schedule 1 to Exhibit C.
- **"Third-Party Hardware"** means the third-party hardware, if any, identified in the Investment Summary.
- **"Third-Party Products"** means the Third-Party Software and Third-Party Hardware.
- **"Third-Party SaaS Services"** means Software as a Service provided by a third-party, if any, identified in the Investment Summary.
- **"Third-Party Software"** means the third-party software, if any, identified in the Investment Summary and not embedded in the Tyler Software.
- **"Third-Party Terms"** means, if any, the end user license agreement(s) or similar terms, as applicable.
- **"Tyler"** means Tyler Technologies, Inc., a Delaware corporation.
- **"Tyler Software"** means our proprietary software, including any integrations, custom modifications, and/or other related interfaces identified in the Investment Summary and licensed by us to you through this Agreement. The Tyler Software also includes embedded third-party software that we are licensed to embed in our proprietary software and sub-license to you.
- **"we," "us," "our"** and similar terms mean Tyler.
- **"you"** and similar terms mean Client.

SECTION B – SAAS SERVICES

1. Rights Granted. We grant to you the non-exclusive, non-assignable limited right to use the SaaS Services solely for your internal business purposes. The Tyler Software will be made available to you according to the terms of the SLA. You acknowledge that we have no delivery obligations and we will not ship copies of the Tyler Software as part of the SaaS Services. You may use the SaaS Services to access updates and enhancements to the Tyler Software, as further described in Section C(9).

2. SaaS Fees. You agree to pay us the SaaS Fees. Those amounts are payable in accordance with our Invoicing and Payment Policy. The SaaS Fees are based on the amount of Data Storage Capacity. You may add additional Data Storage Capacity on the terms set forth in Section H(1). In the event you regularly and/or meaningfully exceed the Data Storage Capacity, we reserve the right to charge you additional fees commensurate with the overage(s).

3. Ownership.

   3.1 We retain all ownership and intellectual property rights to the SaaS Services, the Tyler Software, and anything developed by us under this Agreement. You do not acquire under this Agreement any license to use the Tyler Software in excess of the scope and/or duration of the SaaS Services.

   3.2 The Documentation is licensed to you and may be used and copied by your employees for internal, non-commercial reference purposes only.

   3.3 You retain all ownership and intellectual property rights to the Data. You expressly recognize that except to the extent necessary to carry out our obligations contained in this Agreement, we do not create or endorse any Data used in connection with the SaaS Services.

4. Restrictions. You may not: (a) make the Tyler Software, or Documentation resulting from the SaaS Services, available in any manner to any third-party for use in the third-party's business operations; (b) modify, make derivative works

of, disassemble, reverse compile, or reverse engineer any part of the SaaS Services; (c) access or use the SaaS Services in order to build or support, and/or assist a third party in building or supporting, products or services competitive to us; or (d) license, sell, rent, lease, transfer, assign, distribute, display, host, outsource, disclose, permit timesharing or service bureau use, or otherwise commercially exploit or make the SaaS Services, Tyler Software, or Documentation available to any third party other than as expressly permitted by this Agreement.

5. Software Warranty. We warrant that the Tyler Software will perform without Defects during the term of this Agreement. If the Tyler Software does not perform as warranted, we will use all reasonable efforts, consistent with industry standards, to cure the Defect in accordance with the maintenance and support process set forth in Section C(9), below, the SLA and our then current Support Call Process or to provide you with a functional equivalent. For the avoidance of doubt, to the extent any Third-Party software is embedded in the Tyler Software, your limited warranty rights are limited to our Defect resolution obligations set forth above; you do not have separate rights against the Developer of the embedded Third-Party software.

6. SaaS Services.

   6.1 Our SaaS Services are audited at least yearly in accordance with the AICPA's Statement on Standards for Attestation Engagements ("SSAE") No. 21. We will maintain, SOC 1 and SOC 2 compliance, or its equivalent, for so long as you are timely paying for SaaS Services. The scope of audit coverage varies for some Tyler Software solutions. Upon execution of a mutually agreeable Non-Disclosure Agreement ("NDA"), we will provide you with a summary of our compliance report(s) or its equivalent. Every year thereafter, for so long as the NDA is in effect and in which you make a written request, we will provide that same information. If our SaaS Services are provided using a third-party data center, we will provide available compliance reports for that data center.

   6.2 You will be hosted on shared hardware in a Tyler data center or in a third-party data center. In either event, databases containing your Data will be dedicated to you and inaccessible to our other customers.

   6.3 The data centers utilized under this Agreement have fully-redundant telecommunications access, electrical power, and the required hardware to provide access to the Tyler Software in the event of a disaster or component failure. In the event of a disruption of SaaS Services from the data center hosting your data, we reserve the right to employ our disaster recovery plan for resumption of the SaaS Services. In that event, we commit to a Recovery Point Objective ("RPO") of 24 hours and a Recovery Time Objective ("RTO") of 24 hours. RPO represents the maximum duration of time between the most recent recoverable copy of your hosted Data and subsequent unavailability of SaaS Services from the data center hosting your data. RTO represents the maximum duration of time following disruption of the SaaS Services within which your access to the Tyler Software must be restored.

   6.4 We conduct annual penetration testing of either the production network and/or web application to be performed. We will maintain industry standard intrusion detection and prevention systems to monitor malicious activity in the network and to log and block any such activity. We will provide you with a written or electronic record of the actions taken by us in the event that any unauthorized access to your database(s) is detected as a result of our security protocols. You may not attempt to bypass or subvert security restrictions in the SaaS Services or environments related to the Tyler Software. Unauthorized attempts to access files, passwords or other confidential information, and unauthorized vulnerability and penetration test scanning of our network and systems (hosted or otherwise) is prohibited without the prior written approval of our IT Security Officer.

   6.5 We test our disaster recovery plan on an annual basis and mitigate any findings in accordance with industry standards.

   6.6 We will be responsible for importing back-up and verifying that you can log-in. You will be responsible for

running reports and testing critical processes to verify the returned Data.

6.7 We provide secure Data transmission paths between each of your workstations and our servers.

6.8 The data centers utilized under this Agreement are accessible only by authorized personnel with a unique key entry. All other visitors to such data centers must be signed in and accompanied by authorized personnel. Entry attempts to the data center are regularly audited by internal staff and external auditors to ensure no unauthorized access.

SECTION C – OTHER PROFESSIONAL SERVICES

1. Other Professional Services. We will provide you the various implementation-related services itemized in the Investment Summary and described in the Statement of Work.

2. Professional Services Fees. You agree to pay us the professional services fees in the amounts set forth in the Investment Summary. Those amounts are payable in accordance with our Invoicing and Payment Policy.

3. Additional Services. The Investment Summary contains, and the Statement of Work describes the scope of services and related costs (including programming and/or interface estimates) required for the project based on the documented scope of the project as of the Effective Date. If additional work is required, or if you use or request additional services, we will provide you with an addendum or change order, as applicable, outlining the costs for the additional work.

4. Cancellation. If travel is required, we will make all reasonable efforts to schedule travel for our personnel, including arranging travel reservations, at least two (2) weeks in advance of commitments. Therefore, if you repeatedly cancel services less than two (2) weeks in advance (other than for Force Majeure or breach by us), you will be liable for all (a) non-refundable expenses incurred by us on your behalf, and (b) daily fees associated with cancelled professional services if we are unable to reassign our personnel. We will make all reasonable efforts to reassign personnel in the event you cancel within two (2) weeks of scheduled commitments.

5. Services Warranty. We will perform the services in a professional, workmanlike manner, consistent with industry standards. In the event we provide services that do not conform to this warranty, we will re-perform such services at no additional cost to you.

6. Site Access and Requirements. At no cost to us, you agree to provide us with full and free access to your personnel, facilities, and equipment as may be reasonably necessary for us to provide implementation services, subject to any reasonable security protocols or other written policies provided to us as of the Effective Date, and thereafter as mutually agreed to by you and us. You agree that it is your responsibility to ensure that you satisfy the then-current system requirements, if any, minimally required to run the Tyler Software.

7. Client Assistance. You acknowledge that the implementation of the Tyler Software, and the ability to meet project deadlines and other milestones, is a cooperative effort requiring the time and resources of your personnel, as well as ours. You agree to use all reasonable efforts to cooperate with and assist us as may be reasonably required to meet the agreed upon project deadlines and other milestones for implementation. This cooperation includes at least working with us to schedule the implementation-related services outlined in this Agreement.

8. Background Checks. For at least the past twelve (12) years, all of our employees have undergone criminal background checks prior to hire. All employees sign our confidentiality agreement and security policies.

9. Maintenance and Support. For so long as you timely pay your SaaS Fees according to the Invoicing and Payment Policy, then in addition to the terms set forth in the SLA and the Support Call Process, we will:

9.1 perform our maintenance and support obligations in a professional, good, and workmanlike manner, consistent with industry standards, to resolve Defects in the Tyler Software (subject to any applicable release life cycle policy);

9.2 provide support during our established support hours;

9.3 maintain personnel that are sufficiently trained to be familiar with the Tyler Software and Third-Party Software, if any, in order to provide maintenance and support services;

9.4 make available to you all releases to the Tyler Software (including updates and enhancements) that we make generally available without additional charge to customers who have a maintenance and support agreement in effect; and

9.5 provide non-Defect resolution support of prior releases of the Tyler Software in accordance with any applicable release life cycle policy.

We will use all reasonable efforts to perform any maintenance and support services remotely. Currently, we use a third-party secure connectivity tool called BeyondTrust (formerly Bomgar), as well as GoToAssist by Citrix. You agree to provide us with a login account and local administrative privileges as we may reasonably require to perform remote services. We will, at our option, use the secure connection to assist with proper diagnosis and resolution, subject to any reasonably applicable security protocols. If we cannot resolve a support issue remotely, we may be required to provide onsite services. In such event, we will be responsible for our travel expenses, unless it is determined that the reason onsite support was required was a reason outside our control. Either way, you agree to provide us with full and reasonable access to the Tyler Software, working space, adequate facilities within a reasonable distance from the equipment, and use of machines, attachments, features, or other equipment reasonably necessary for us to provide the maintenance and support services, all at no charge to us.

For the avoidance of doubt, SaaS Fees do not include the following services: (a) onsite support (unless Tyler cannot remotely correct a Defect in the Tyler Software, as set forth above); (b) application design; (c) other consulting services; or (d) support outside our normal business hours as listed in our then-current Support Call Process. Requested services such as those outlined in this section will be billed to you on a time and materials basis at our then current rates. You must request those services with at least one (1) week's advance notice.

SECTION D – THIRD PARTY PRODUCTS

To the extent there are any Third Party Products identified in the Investment Summary, the Third-Party Terms will apply. You acknowledge that we may have embedded third-party functionality in the Tyler Software that is not separately identified in the Investment Summary. If that third-party functionality is not separately identified in the Investment Summary, the limited warranty applicable to the Tyler Software applies, and we further warrant that the appropriate Developer has granted us the necessary license to (i) embed the unidentified third-party functionality in the Tyler Software; and (ii) sub-license it to you through our license grant to the Tyler Software. You may receive maintenance and support on such embedded Third-Party Software under the Maintenance and Support Agreement.

SECTION E – INVOICING AND PAYMENT; INVOICE DISPUTES

1. Invoicing and Payment. We will invoice you the SaaS Fees and fees for other professional services in the Investment Summary per our Invoicing and Payment Policy, subject to Section E(2).

2. Invoice Disputes. If you believe any delivered software or service does not conform to the warranties in this Agreement, you will provide us with written notice within thirty (30) days of your receipt of the applicable invoice.

The written notice must contain reasonable detail of the issues you contend are in dispute so that we can confirm the issue and respond to your notice with either a justification of the invoice, an adjustment to the invoice, or a proposal addressing the issues presented in your notice. We will work with you as may be necessary to develop an action plan that outlines reasonable steps to be taken by each of us to resolve any issues presented in your notice. You may withhold payment of the amount(s) actually in dispute, and only those amounts, until we complete the action items outlined in the plan. If we are unable to complete the action items outlined in the action plan because of your failure to complete the items agreed to be done by you, then you will remit full payment of the invoice. We reserve the right to suspend delivery of all SaaS Services, including maintenance and support services, if you fail to pay an invoice not disputed as described above within fifteen (15) days of notice of our intent to do so.

SECTION F – TERM AND TERMINATION

1. Term. This Agreement commences on the Effective Date; however, ~~The~~ the initial term ~~of this Agreement~~ commences on October 15, 2024 for a period of ~~is~~ five (5) years ~~from the first day of the first month following the Effective Date~~, unless earlier terminated as set forth below. Upon expiration of the initial term, this Agreement will renew automatically for additional one (1) year renewal terms at our then-current SaaS Fees unless terminated in writing by either Party at least sixty (60) days prior to the end of the then-current renewal term. Your right to access or use the Tyler Software and the SaaS Services will terminate at the end of this Agreement.

2. Termination. This Agreement may be terminated as set forth below. In the event of termination, you will pay us for all undisputed fees and expenses related to the software, products, and/or services you have received, or we have incurred or delivered, prior to the effective date of termination. Disputed fees and expenses in all terminations other than your termination for cause must have been submitted as invoice disputes in accordance with Section E(2).

   2.1 Failure to Pay SaaS Fees. You acknowledge that continued access to the SaaS Services is contingent upon your timely payment of SaaS Fees. If you fail to timely pay the SaaS Fees, we may discontinue the SaaS Services and deny your access to the Tyler Software. We may also terminate this Agreement if you do not cure such failure to pay within forty-five (45) days of receiving written notice of our intent to terminate.

   2.2 For Cause. If you believe we have materially breached this Agreement, you will invoke the Dispute Resolution clause set forth in Section H(3). You may terminate this Agreement for cause in the event we do not cure, or create a mutually agreeable action plan to address, a material breach of this Agreement within the thirty (30) day window set forth in Section H(3).

   2.3 Force Majeure. Either Party has the right to terminate this Agreement if a Force Majeure event suspends performance of the SaaS Services for a period of forty-five (45) days or more.

   2.4 Lack of Appropriations. If you should not appropriate or otherwise make available funds sufficient to utilize the SaaS Services, you may unilaterally terminate this Agreement upon thirty (30) days written notice to us. You will not be entitled to a refund or offset of previously paid, but unused SaaS Fees. You agree not to use termination for lack of appropriations as a substitute for termination for convenience.

SECTION G – INDEMNIFICATION, LIMITATION OF LIABILITY AND INSURANCE

1. Intellectual Property Infringement Indemnification.

   1.1 We will defend you against any third-party claim(s) that the Tyler Software or Documentation infringes that third-party's patent, copyright, or trademark, or misappropriates its trade secrets, and will pay the amount of any resulting adverse final judgment (or settlement to which we consent). You must notify us promptly in writing of the claim and give us sole control over its defense or settlement. You agree to provide us with

reasonable assistance, cooperation, and information in defending the claim at our expense.

1.2 Our obligations under this Section G(1) will not apply to the extent the claim or adverse final judgment is based on your use of the Tyler Software in contradiction of this Agreement, including with non-licensed third-parties, or your willful infringement.

1.3 If we receive information concerning an infringement or misappropriation claim related to the Tyler Software, we may, at our expense and without obligation to do so, either: (a) procure for you the right to continue its use; (b) modify it to make it non-infringing; or (c) replace it with a functional equivalent, in which case you will stop running the allegedly infringing Tyler Software immediately. Alternatively, we may decide to litigate the claim to judgment, in which case you may continue to use the Tyler Software consistent with the terms of this Agreement.

1.4 If an infringement or misappropriation claim is fully litigated and your use of the Tyler Software is enjoined by a court of competent jurisdiction, in addition to paying any adverse final judgment (or settlement to which we consent), we will, at our option, either: (a) procure the right to continue its use; (b) modify it to make it non-infringing; or (c) replace it with a functional equivalent. We will pursue those options in the order listed herein. This section provides your exclusive remedy for third party copyright, patent, or trademark infringement and trade secret misappropriation claims.

2. General Indemnification.

2.1 We will defend, indemnify, and hold harmless you and your agents, officials, and employees from and against any and all third-party claims, losses, liabilities, damages, costs, and expenses (including reasonable attorney's fees and costs) for (a) personal injury or property damage to the extent caused by our negligence or willful misconduct; or (b) our violation of a law applicable to our performance under this Agreement. You must notify us promptly in writing of the claim and give us sole control over its defense or settlement. You agree to provide us with reasonable assistance, cooperation, and information in defending the claim at our expense.

2.2 To the extent permitted by applicable law, you will indemnify and hold harmless us and our agents, officials, and employees from and against any and all third-party claims, losses, liabilities, damages, costs, and expenses (including reasonable attorney's fees and costs) for personal injury or property damage to the extent caused by your negligence or willful misconduct; or (b) your violation of a law applicable to your performance under this Agreement. We will notify you promptly in writing of the claim and will give you sole control over its defense or settlement. We agree to provide you with reasonable assistance, cooperation, and information in defending the claim at your expense.

3. DISCLAIMER. EXCEPT FOR THE EXPRESS WARRANTIES PROVIDED IN THIS AGREEMENT AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, WE HEREBY DISCLAIM ALL OTHER WARRANTIES AND CONDITIONS, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES, DUTIES, OR CONDITIONS OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CLIENT UNDERSTANDS AND AGREES THAT TYLER DISCLAIMS ANY LIABILITY FOR ERRORS THAT RELATE TO USER ERROR.

4. LIMITATION OF LIABILITY. EXCEPT AS OTHERWISE EXPRESSLY SET FORTH IN THIS AGREEMENT, OUR LIABILITY FOR DAMAGES ARISING OUT OF THIS AGREEMENT, WHETHER BASED ON A THEORY OF CONTRACT OR TORT, INCLUDING NEGLIGENCE AND STRICT LIABILITY, SHALL BE LIMITED TO YOUR ACTUAL DIRECT DAMAGES, NOT TO EXCEED (A) DURING THE INITIAL TERM, AS SET FORTH IN SECTION F(1), TOTAL FEES PAID AS OF THE TIME OF THE CLAIM; OR (B) DURING ANY RENEWAL TERM, THE THEN-CURRENT ANNUAL SAAS FEES PAYABLE IN THAT RENEWAL TERM. THE PARTIES ACKNOWLEDGE AND AGREE THAT THE PRICES SET FORTH IN THIS AGREEMENT ARE SET IN RELIANCE UPON THIS LIMITATION OF LIABILITY AND TO THE MAXIMUM EXTENT ALLOWED UNDER APPLICABLE LAW, THE EXCLUSION OF CERTAIN DAMAGES, AND EACH SHALL APPLY REGARDLESS OF THE FAILURE

OF AN ESSENTIAL PURPOSE OF ANY REMEDY. THE FOREGOING LIMITATION OF LIABILITY SHALL NOT APPLY TO CLAIMS THAT ARE SUBJECT TO SECTIONS G(1) AND G(2).

5. **EXCLUSION OF CERTAIN DAMAGES. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT SHALL WE BE LIABLE FOR ANY SPECIAL, INCIDENTAL, PUNITIVE, INDIRECT, OR CONSEQUENTIAL DAMAGES WHATSOEVER, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.**

6. Insurance. During the course of performing services under this Agreement, we agree to maintain the following levels of insurance: (a) Commercial General Liability of at least $1,000,000; (b) Automobile Liability of at least $1,000,000; (c) Professional Liability of at least $1,000,000; (d) Workers Compensation complying with applicable statutory requirements; and (e) Excess/Umbrella Liability of at least $5,000,000. We will add you as an additional insured to our Commercial General Liability and Automobile Liability policies, which will automatically add you as an additional insured to our Excess/Umbrella Liability policy as well. We will provide you with copies of certificates of insurance upon your written request.

SECTION H – GENERAL TERMS AND CONDITIONS

1. Additional Products and Services. You may purchase additional Tyler products and services at the rates set forth in the Investment Summary for twelve (12) months from the Effective Date by executing a mutually agreed addendum or Tyler purchase order. If no rate is provided in the Investment Summary, or those twelve (12) months have expired, you may purchase additional Tyler products and services at our then-current list price, also by executing a mutually agreed addendum or Tyler purchase order. The terms of this Agreement will control any such additional purchase(s), unless otherwise specifically provided in the addendum or Tyler purchase order.

2. Optional Items. Pricing for any listed optional products and services in the Investment Summary will be valid for twelve (12) months from the Effective Date.

3. Dispute Resolution. You agree to provide us with written notice within thirty (30) days of becoming aware of a dispute. You agree to cooperate with us in trying to reasonably resolve all disputes, including, if requested by either Party, appointing a senior representative to meet and engage in good faith negotiations with our appointed senior representative. Senior representatives will convene within thirty (30) days of the written dispute notice, unless otherwise agreed. All meetings and discussions between senior representatives will be deemed confidential settlement discussions not subject to disclosure under Federal Rule of Evidence 408 or any similar applicable state rule. If we fail to resolve the dispute, then the Parties shall participate in non-binding mediation in an effort to resolve the dispute. If the dispute remains unresolved after mediation, then either of us may assert our respective rights and remedies in a court of competent jurisdiction. Nothing in this section shall prevent you or us from seeking necessary injunctive relief during the dispute resolution procedures.

4. Taxes. The fees in the Investment Summary do not include any taxes, including, without limitation, sales, use, or excise tax. If you are a tax-exempt entity, you agree to provide us with a tax-exempt certificate. Otherwise, we will pay all applicable taxes to the proper authorities and you will reimburse us for such taxes. If you have a valid direct-pay permit, you agree to provide us with a copy. For clarity, we are responsible for paying our income taxes, both federal and state, as applicable, arising from our performance of this Agreement.

5. Nondiscrimination. We will not discriminate against any person employed or applying for employment concerning the performance of our responsibilities under this Agreement. This discrimination prohibition will apply to all matters of initial employment, tenure, and terms of employment, or otherwise with respect to any matter directly or indirectly relating to employment concerning race, color, religion, national origin, age, sex, sexual orientation, ancestry, disability that is unrelated to the individual's ability to perform the duties of a particular job or position, height, weight, marital status, or political affiliation. We will post, where appropriate, all notices related to nondiscrimination as may be required by applicable law.

6. E-Verify. We have complied, and will comply, with the E-Verify procedures administered by the U.S. Citizenship and Immigration Services Verification Division for all of our employees assigned to your project.

7. Subcontractors. We will not subcontract any services under this Agreement without your prior written consent, not to be unreasonably withheld.

8. Binding Effect; No Assignment. This Agreement shall be binding on, and shall be for the benefit of, either your or our successor(s) or permitted assign(s). Neither Party may assign this Agreement without the prior written consent of the other Party; provided, however, your consent is not required for an assignment by us as a result of a corporate reorganization, merger, acquisition, or purchase of substantially all of our assets.

9. Force Majeure. Except for your payment obligations, neither Party will be liable for delays in performing its obligations under this Agreement to the extent that the delay is caused by Force Majeure; provided, however, that within ten (10) business days of the Force Majeure event, the Party whose performance is delayed provides the other party with written notice explaining the cause and extent thereof, as well as a request for a reasonable time extension equal to the estimated duration of the Force Majeure event.

10. No Intended Third-Party Beneficiaries. This Agreement is entered into solely for the benefit of you and us. No third party will be deemed a beneficiary of this Agreement, and no third party will have the right to make any claim or assert any right under this Agreement. This provision does not affect the rights of third parties under any Third-Party Terms.

11. Entire Agreement; Amendment. This Agreement represents the entire agreement between you and us with respect to the subject matter hereof, and supersedes any prior agreements, understandings, and representations, whether written, oral, expressed, implied, or statutory. Purchase orders submitted by you, if any, are for your internal administrative purposes only, and the terms and conditions contained in those purchase orders will have no force or effect. This Agreement may only be modified by a written amendment signed by an authorized representative of each Party.

12. Severability. If any term or provision of this Agreement is held invalid or unenforceable, the remainder of this Agreement will be considered valid and enforceable to the fullest extent permitted by law.

13. No Waiver. In the event that the terms and conditions of this Agreement are not strictly enforced by either party, such non-enforcement will not act as or be deemed to act as a waiver or modification of this Agreement, nor will such non-enforcement prevent such party from enforcing each and every term of this Agreement thereafter.

14. Independent Contractor. We are an independent contractor for all purposes under this Agreement.

15. Notices. All notices or communications required or permitted as a part of this Agreement, such as notice of an alleged material breach for a termination for cause or a dispute that must be submitted to dispute resolution, must be in writing and will be deemed delivered upon the earlier of the following: (a) actual receipt by the receiving Party; (b) upon receipt by sender of a certified mail, return receipt signed by an employee or agent of the receiving Party; (c) upon receipt by sender of proof of email delivery; or (d) if not actually received, five (5) days after deposit with the United States Postal Service authorized mail center with proper postage (certified mail, return receipt requested) affixed and addressed to the other Party at the address set forth on the signature page hereto or such other address as the Party may have designated by proper notice. The consequences for the failure to receive a notice due to improper notification by the intended receiving party of a change in address will be borne by the intended receiving Party.

16. Client Lists. You agree that we may identify you by name in client lists, marketing presentations, and promotional

materials.

17. Confidentiality. Both Parties recognize that their respective employees and agents, in the course of performance of this Agreement, may be exposed to confidential information and that disclosure of such information could violate rights to private individuals and entities, including the Parties. Confidential information is nonpublic information that a reasonable person would believe to be confidential and includes, without limitation, personal identifying information (*e.g.*, social security numbers) and trade secrets, each as defined by applicable state law. Each Party agrees that it will not disclose any confidential information of the other Party and further agrees to take all reasonable and appropriate action to prevent such disclosure by its employees or agents. To the extent Client engages independent contractors to fulfill its obligations under this Agreement, Client shall enter into a written agreement with said independent contractors that contains confidentiality covenants at least as restrictive as the confidentiality covenants contained herein. The confidentiality covenants contained herein will survive the termination or cancellation of this Agreement. This obligation of confidentiality will not apply to information that:

    (a) is in the public domain, either at the time of disclosure or afterwards, except by breach of this Agreement by a Party or its employees or agents; or
    (b) a Party can establish by reasonable proof was in that party's possession at the time of initial disclosure; or
    (c) a Party receives from a third party who has a right to disclose it to the receiving Party; or
    (d) is the subject of a legitimate disclosure request under the open records laws or similar applicable public disclosure laws governing this Agreement, or a subpoena; provided, however, that in the event you receive an open records or other similar applicable request, you will give us prompt notice and otherwise perform the functions required by applicable law.

18. Business License. In the event a local business license is required for us to perform services hereunder, you will promptly notify us and provide us with the necessary paperwork and/or contact information so that we may timely obtain such license.

19. Governing Law. This Agreement will be governed by and construed in accordance with the laws of your state of domicile, without regard to its rules on conflicts of law.

20. Multiple Originals and Authorized Signatures.This Agreement may be executed in multiple originals, any of which will be independently treated as an original document. Any electronic, faxed, scanned, photocopied, or similarly reproduced signature on this Agreement or any amendment hereto will be deemed an original signature and will be fully enforceable as if an original signature. Each Party represents to the other that the signatory set forth below is duly authorized to bind that Party to this Agreement.

21. Cooperative Procurement. To the maximum extent permitted by applicable law, we agree that this Agreement may be used as a cooperative procurement vehicle by eligible jurisdictions. We reserve the right to negotiate and customize the terms and conditions set forth herein, including but not limited to pricing, to the scope and circumstances of that cooperative procurement.

22. Data & Insights Solution Terms. Your use of certain Tyler solutions includes Tyler's Data & Insights data platform. Your rights, and the rights of any of your end users, to use Tyler's Data & Insights data platform is subject to the Data & Insights SaaS Services Terms of Service, available at https://www.tylertech.com/terms/data-insights-saas-services-terms-of-service. By signing a Tyler Agreement or Order Form, or accessing, installing, or using any of the Tyler solutions listed at the linked terms, you certify that you have reviewed, understand, and agree to said terms.

23. Twilio Acceptable Use Policy and Terms of Service. Your use of the Tyler Software may include functionality provided by a Third-Party Developer, Twilio. Your rights, and the rights of any of your end users, to use said functionality are subject to the terms of the Twilio Acceptable Use Policy, available at http://www.twilio.com/legal/aup, and to applicable provisions found in the current Twilio Terms of Service, available at https://www.twilio.com/legal/tos. By

signing a Tyler Agreement or accessing, installing, or using any such Tyler solution, you certify that you have reviewed, understand and agree to said terms. Tyler hereby disclaims any and all liability related to your or your end user's failure to abide by the terms of the Twilio Acceptable Use Policy or Terms of Service. Any liability for failure to abide by said terms shall rest solely with the person or entity whose conduct violated said terms.

24. Fire Prevention Mobile Terms. Your use of Tyler's Fire Prevention Mobile solutions is subject to the terms found here: https://www.tylertech.com/terms/Fire Prevention Mobile-third-party-terms. By signing a Tyler Agreement or Order Form, or accessing, installing, or using the Fire Prevention Mobile solution, you agree that you have read, understood, and agree to such terms.

25. Carbyne Acceptable Pass-Through Terms: By signing a Tyler Agreement or accessing, installing, or using any such Carbyne solutions, you certify that you have reviewed, understand, and agree to said Pass-Through Terms as set forth in Exhibit E of this Agreement. Tyler hereby disclaims any and all liability related to your or your end user's failure to abide by the Pass-Through Terms. Any liability for failure to abide by said terms shall rest solely with the person or entity whose conduct violated said terms.

~~24.~~

~~25.~~26. Contract Documents. This Agreement includes the following exhibits:

Exhibit A	Investment Summary
Exhibit B	Invoicing and Payment Policy
	Schedule 1: Business Travel Policy
Exhibit C	Service Level Agreement
	Schedule 1: Support Call Process
Exhibit D	Statement of Work
Exhibit E	Carbyne Pass-Through Terms
Exhibit F	Tyler's RFP Proposal Response Documentation

IN WITNESS WHEREOF, a duly authorized representative of each Party has executed this Agreement as of the date(s) set forth below.

Tyler Technologies, Inc.	City of DeSoto, TX
By:_____	By:_____
Name:_____	Name:_____
Title:_____	Title:_____
Date:_____	Date:_____
Address for Notices: Tyler Technologies, Inc. One Tyler Drive Yarmouth, ME 04096 Attention: Chief Legal Officer	Address for Notices: City of DeSoto 200 S. Parks Dr. Desoto, TX 75115-6111 Attention: _____

With a copy to:
Tyler Technologies, Inc.
5101 Tennyson Parkway
Plano, TX 75024

Attention: Legal Department

Exhibit A
Investment Summary

The following Investment Summary details the software and services to be delivered by us to you under the Agreement. This Investment Summary is effective as of the Effective Date. Capitalized terms not otherwise defined will have the meaning assigned to such terms in the Agreement.

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Exhibit B
Invoicing and Payment Policy

We will provide you with the software and services set forth in the Investment Summary of the Agreement. Capitalized terms not otherwise defined will have the meaning assigned to such terms in the Agreement.

Invoicing: We will invoice you for the applicable software and services in the Investment Summary as set forth below. Your rights to dispute any invoice are set forth in the Agreement.

1. SaaS Fees. SaaS Fees are invoiced on an annual basis, beginning on the commencement of the initial term as set forth in Section F(1) of this Agreement. Your annual SaaS fees for year one (1) of the initial term shall be $~~401,426.0039~~1,050 and will be invoiced on October 15, 2024. SaaS Fees, in the amount of $510,564 for years 2 through 5 shall be invoiced annually on October 15 at the rates set forth in the Investment Summary. Upon expiration of the initial term, your annual SaaS fees for years 6 – 10 will not increase more than 3% over the prior years' fees. Subsequent SaaS fees will be at our then-current rates. In the event Client adds additional Tyler Software or services to the Agreement, the total costs are subject to change.

2. Professional Services.

2.1 The implementation, project management, and other professional services (including training), conversions, requested software interfaces, and other fixed price services as set forth in the Investment Summary will be invoiced upon completion of the following milestones:

Project Stage	Statement of Work (SOW) Milestone Completion	Invoice Amount
1	Control Point 1: Initiate & Plan Stage	15%
2	Control Point 2: Assess & Define Stage	15%
3	Control Point 3: Prepare Solution Stage	20%
4	Control Point 4: Production Readiness, End User Training	20%
5	Control Point 5: Production Stage (Go-Live)	15%
6	Control Point 6: Close Stage Completion	15%
	Total	100%

2.2
~~1.1 and other professional services fees in the amount of $408,715 shall be invoiced as follows:~~

Per transaction fees, if any, shall be paid by the end-user at the time of service.

~~Year 1: $204,358 shall be invoiced on the Effective Date~~
~~Year 2: $204,358 shall be invoiced on the anniversary of the Effective Date.~~

~~2.~~3. Third-Party Products.

~~2.1~~3.1 *Third-Party Software License Fees*: License fees for Third-Party Software, if any, are invoiced when we ~~make it available to you for downloading~~complete the installation and City confirms availability of the software.~~, s~~Such confirmation shall not be unreasonably withheld.

~~2.2~~3.2 *Third-Party Software Maintenance*: The first year maintenance for the Third-Party Software, is waived through October 14, 2025. On ~~the anniversary of the Effective Date~~October 15, 2025, Tyler shall invoice Client in the amount of $6,195 as set forth in the Investment Summary. Third-party maintenance fees, in the amount of $6,195, for years 2 through 5, shall be invoiced annually on October 15. Subsequent fees will be invoiced by the third-party.

~~2.3~~3.3 *Third-Party Hardware*: Third Party Hardware costs, if any, are invoiced upon delivery.

~~2.4~~3.4 *Third-Party SaaS:* Upon the City's confirmed availability of the Carbyne eCaaS service, Third-Party SaaS ~~Services~~ fees~~, if any~~ in the annual amount of $54,000 for Carbyne eCaaS shall be invoiced on a prorated basis for the period commencing on such date and ending October 14, 2025. Third-Party SaaS fees ~~,~~ are invoiced annually, in advance.~~, commencing with availability completion of the installation and the City confirms availability, which shall not be unreasonably withheld, of the respective Third-Party SaaS Services. Pricing for the first year of Third-Party SaaS Services is indicated in the Investment Summary.~~ Pricing for subsequent years will be at the respective third-party's then-current rates.

~~3.~~4. Expenses. The rates in the Investment Summary do include travel expenses. Expenses will be billed as incurred and only in accordance with our then-current Business Travel Policy. Our current Business Travel Policy is attached to this Exhibit B at Schedule 1. Copies of receipts will be provided upon request; we reserve the right to charge you an administrative fee depending on the extent of your requests. Receipts for miscellaneous items less than twenty-five dollars and mileage logs are not available.

Payment. Payment for undisputed invoices is due within forty-five (45) days of the invoice date. We prefer to receive payments electronically. Our electronic payment information is available by contacting AR@tylertech.com.

Exhibit B
Schedule 1
Business Travel Policy

1. Air Travel

   A. Reservations & Tickets

   The Travel Management Company (TMC) used by Tyler will provide an employee with a direct flight within two (2) hours before or after the requested departure time, assuming that flight does not add more than three (3) hours to the employee's total trip duration and the fare is within $100 (each way) of the lowest logical fare. If a net savings of $200 or more (each way) is possible through a connecting flight that is within two (2) hours before or after the requested departure time and that does not add more than three hours to the employee's total trip duration, the connecting flight should be accepted.

   Employees are encouraged to make advanced reservations to take full advantage of discount opportunities. Employees should use all reasonable efforts to make travel arrangements at least two (2) weeks in advance of commitments. A seven (7) day advance booking requirement is mandatory. When booking less than seven (7) days in advance, management approval will be required.

   Except in the case of international travel where a segment of continuous air travel is six (6) or more consecutive hours in length, only economy or coach class seating is reimbursable. Employees shall not be reimbursed for "Basic Economy Fares" because these fares are non-refundable and have many restrictions that outweigh the cost-savings.

   B. Baggage Fees

   Reimbursement of personal baggage charges are based on trip duration as follows:

   - Up to five (5) days = one (1) checked bag
   - Six (6) or more days = two (2) checked bags

   Baggage fees for sports equipment are not reimbursable.

2. Ground Transportation

   A. Private Automobile

   Mileage Allowance – Business use of an employee's private automobile will be reimbursed at the

current IRS allowable rate, plus out of pocket costs for tolls and parking. Mileage will be calculated by using the employee's office as the starting and ending point, in compliance with IRS regulations. Employees who have been designated a home office should calculate miles from their home.

B. Rental Car

Employees are authorized to rent cars only in conjunction with air travel when cost, convenience, and the specific situation reasonably require their use. When renting a car for Tyler business, employees should select a "mid-size" or "intermediate" car. "Full" size cars may be rented when three or more employees are traveling together. Tyler carries leased vehicle coverage for business car rentals; except for employees traveling to Alaska and internationally (excluding Canada), additional insurance on the rental agreement should be declined.

C. Public Transportation

Taxi or airport limousine services may be considered when traveling in and around cities or to and from airports when less expensive means of transportation are unavailable or impractical. The actual fare plus a reasonable tip (15-18%) are reimbursable. In the case of a free hotel shuttle to the airport, tips are included in the per diem rates and will not be reimbursed separately.

D. Parking & Tolls

When parking at the airport, employees must use longer term parking areas that are measured in days as opposed to hours. Park and fly options located near some airports may also be used. For extended trips that would result in excessive parking charges, public transportation to/from the airport should be considered. Tolls will be reimbursed when receipts are presented.

3. Lodging

Tyler's TMC will select hotel chains that are well established, reasonable in price, and conveniently located in relation to the traveler's work assignment. Typical hotel chains include Courtyard, Fairfield Inn, Hampton Inn, and Holiday Inn Express. If the employee has a discount rate with a local hotel, the hotel reservation should note that discount and the employee should confirm the lower rate with the hotel upon arrival. Employee memberships in travel clubs such as AAA should be noted in their travel profiles so that the employee can take advantage of any lower club rates.

"No shows" or cancellation fees are not reimbursable if the employee does not comply with the hotel's cancellation policy.

Tips for maids and other hotel staff are included in the per diem rate and are not reimbursed separately.

Employees are not authorized to reserve non-traditional short-term lodging, such as Airbnb, VRBO, and HomeAway. Employees who elect to make such reservations shall not be reimbursed.

4. Meals and Incidental Expenses

Employee meals and incidental expenses while on travel status within the continental U.S. are in accordance with the federal per diem rates published by the General Services Administration. Incidental expenses include tips to maids, hotel staff, and shuttle drivers and other minor travel expenses. Per diem rates are available at www.gsa.gov/perdiem.

Per diem for Alaska, Hawaii, U.S. protectorates and international destinations are provided separately by the Department of State and will be determined as required.

A. Overnight Travel

For each full day of travel, all three meals are reimbursable. Per diems on the first and last day of a trip are governed as set forth below.

Departure Day

Depart before 12:00 noon	Lunch and dinner
Depart after 12:00 noon	Dinner

Return Day

Return before 12:00 noon	Breakfast
Return between 12:00 noon & 7:00 p.m.	Breakfast and lunch
Return after 7:00 p.m.*	Breakfast, lunch and dinner

*7:00 p.m. is defined as direct travel time and does not include time taken to stop for dinner.

The reimbursement rates for individual meals are calculated as a percentage of the full day per diem as follows:

Breakfast	15%
Lunch	25%
Dinner	60%

B. Same Day Travel

Employees traveling at least 100 miles to a site and returning in the same day are eligible to claim lunch on an expense report. Employees on same day travel status are eligible to claim dinner in the event they return home after 7:00 p.m.*

*7:00 p.m. is defined as direct travel time and does not include time taken to stop for dinner.

5. Internet Access – Hotels and Airports

Employees who travel may need to access their e-mail at night. Many hotels provide free high speed

internet access and Tyler employees are encouraged to use such hotels whenever possible. If an employee's hotel charges for internet access it is reimbursable up to $10.00 per day. Charges for internet access at airports are not reimbursable.

6. International Travel

   All international flights with the exception of flights between the U.S. and Canada should be reserved through TMC using the "lowest practical coach fare" with the exception of flights that are six (6) or more consecutive hours in length. In such event, the next available seating class above coach shall be reimbursed.

   When required to travel internationally for business, employees shall be reimbursed for photo fees, application fees, and execution fees when obtaining a new passport book, but fees related to passport renewals are not reimbursable. Visa application and legal fees, entry taxes and departure taxes are reimbursable.

   The cost of vaccinations that are either required for travel to specific countries or suggested by the U.S. Department of Health & Human Services for travel to specific countries, is reimbursable.

   Section 4, Meals & Incidental Expenses, and Section 2.b., Rental Car, shall apply to this section.

Exhibit C
Service Level Agreement

I. Agreement Overview

This SLA operates in conjunction with, and does not supersede or replace any part of, the Agreement. It outlines the information technology service levels that we will provide to you to ensure the availability of the application services that you have requested us to provide. This SLA does not apply to any Third Party SaaS Services. All other support services are documented in the Support Call Process.

II. Definitions. Except as defined below, all defined terms have the meaning set forth in the Agreement.

Actual Attainment: The percentage of time the Tyler Software is available during a calendar quarter, calculated as follows: (Service Availability – Downtime) ÷ Service Availability.

Client Error Incident: Any service unavailability resulting from your applications, content or equipment, or the acts or omissions of any of your service users or third-party providers over whom we exercise no control.

Downtime: Those minutes during Service Availability, as defined below, when all users cannot launch, login, search or save primary data in the Tyler Software. Downtime does not include those instances in which only a Defect is present.

Emergency Maintenance: (1) maintenance that is required to patch a critical security vulnerability; (2) maintenance that is required to prevent an imminent outage of Service Availability; or (3) maintenance that is mutually agreed upon in writing by Tyler and the Client.

Planned Downtime: Downtime that occurs during a Standard or Emergency Maintenance window.

Service Availability: The total number of minutes in a calendar quarter that the Tyler Software is capable of receiving, processing, and responding to requests, excluding Planned Downtime, Client Error Incidents, denial of service attacks and Force Majeure.

Standard Maintenance: Routine maintenance to the Tyler Software and infrastructure. Standard Maintenance is limited to five (5) hours per week.

III. Service Availability

a. Your Responsibilities

Whenever you experience Downtime, you must make a support call according to the procedures outlined in the Support Call Process. You will receive a support case number.

b. Our Responsibilities

When our support team receives a call from you that Downtime has occurred or is occurring, we will

work with you to identify the cause of the Downtime (including whether it may be the result of Planned Downtime, a Client Error Incident, Denial of Service attack or Force Majeure). We will also work with you to resume normal operations.

c. Client Relief

Our targeted Attainment Goal is 100%. You may be entitled to credits as indicated in the Client Relief Schedule found below. Your relief credit is calculated as a percentage of the SaaS fees paid for the calendar quarter.

In order to receive relief credits, you must submit a request through one of the channels listed in our Support Call Process within fifteen days (15) of the end of the applicable quarter. We will respond to your relief request within thirty (30) day(s) of receipt.

The total credits confirmed by us will be applied to the SaaS Fee for the next billing cycle. Issuing of such credit does not relieve us of our obligations under the Agreement to correct the problem which created the service interruption.

Client Relief Schedule	
Actual Attainment	**Client Relief**
99.99% - 99.50%	Remedial action will be taken
99.49% - 98.50%	2%
98.49% - 97.50%	4%
97.49% - 96.50%	6%
96.49% - 95.50%	8%
Below 95.50%	10%

IV. Maintenance Notifications

We perform Standard Maintenance during limited windows that are historically known to be reliably low-traffic times. If and when maintenance is predicted to occur during periods of higher traffic, we will provide advance notice of those windows and will coordinate to the greatest extent possible with you.

Not all maintenance activities will cause application unavailability. However, if Tyler anticipates that activities during a Standard or Emergency Maintenance window may make the Tyler Software unavailable, we will provide advance notice, as reasonably practicable that the Tyler Software will be unavailable during the maintenance window.

Exhibit C
Schedule 1
Support Call Process

Support Channels

Tyler Technologies, Inc. provides the following channels of software support for authorized users*:

(1) On-line submission (portal) – for less urgent and functionality-based questions, users may create support incidents through the Tyler Customer Portal available at the Tyler Technologies website. A built-in Answer Panel provides users with resolutions to most "how-to" and configuration-based questions through a simplified search interface with machine learning, potentially eliminating the need to submit the support case.
(2) Email – for less urgent situations, users may submit emails directly to the software support group.
(3) Telephone – for urgent or complex questions, users receive toll-free, telephone software support.

** Channel availability may be limited for certain applications.*

Support Resources

A number of additional resources are available to provide a comprehensive and complete support experience:

(1) Tyler Website – www.tylertech.com – for accessing client tools, documentation, and other information including support contact information.
(2) Tyler Search -a knowledge based search engine that lets you search multiple sources simultaneously to find the answers you need, 24x7.
(3) Tyler Community –provides a venue for all Tyler clients with current maintenance agreements to collaborate with one another, share best practices and resources, and access documentation.
(4) Tyler University – online training courses on Tyler products.

Support Availability

Tyler Technologies support is available during the local business hours of 8 AM to 5 PM (Monday – Friday) across four US time zones (Pacific, Mountain, Central and Eastern). Tyler's holiday schedule is outlined below. There will be no support coverage on these days.

New Year's Day	Labor Day
Martin Luther King, Jr. Day	Thanksgiving Day
Memorial Day	Day after Thanksgiving
Independence Day	Christmas Day

For support teams that provide after-hours service, we will provide you with procedures for contacting support staff after normal business hours for reporting Priority Level 1 Defects only. Upon receipt of

such a Defect notification, we will use commercially reasonable efforts to meet the resolution targets set forth below.

We will also make commercially reasonable efforts to be available for one pre-scheduled Saturday of each month to assist your IT staff with applying patches and release upgrades, as well as consulting with them on server maintenance and configuration of the Tyler Software environment.

Incident Handling

Incident Tracking

Every support incident is logged into Tyler's Customer Relationship Management System and given a unique case number. This system tracks the history of each incident. The case number is used to track and reference open issues when clients contact support. Clients may track incidents, using the case number, through Tyler's Customer Portal or by calling software support directly.

Incident Priority

Each incident is assigned a priority level, which corresponds to the Client's needs. Tyler and the Client will reasonably set the priority of the incident per the chart below. This chart is not intended to address every type of support incident, and certain "characteristics" may or may not apply depending on whether the Tyler software has been deployed on customer infrastructure or the Tyler cloud. The goal is to help guide the Client towards clearly understanding and communicating the importance of the issue and to describe generally expected response and resolution targets in the production environment only.

References to a "confirmed support incident" mean that Tyler and the Client have successfully validated the reported Defect/support incident.

Priority Level	Characteristics of Support Incident	Resolution Targets*
1 Critical	Support incident that causes (a) complete application failure or application unavailability; (b) application failure or unavailability in one or more of the client's remote location; or (c) systemic loss of multiple essential system functions.	Tyler shall provide an initial response to Priority Level 1 incidents within one (1) business hour of receipt of the incident. Once the incident has been confirmed, Tyler shall use commercially reasonable efforts to resolve such support incidents or provide a circumvention procedure within one (1) business day. For non-hosted customers, Tyler's responsibility for lost or corrupted data is limited to assisting the Client in restoring its last available database.

Exhibit C
Schedule 1

Priority Level	Characteristics of Support Incident	Resolution Targets*
2 High	Support incident that causes (a) repeated, consistent failure of essential functionality affecting more than one user or (b) loss or corruption of data.	Tyler shall provide an initial response to Priority Level 2 incidents within four (4) business hours of receipt of the incident. Once the incident has been confirmed, Tyler shall use commercially reasonable efforts to resolve such support incidents or provide a circumvention procedure within ten (10) business days. For non-hosted customers, Tyler's responsibility for loss or corrupted data is limited to assisting the Client in restoring its last available database.
3 Medium	Priority Level 1 incident with an existing circumvention procedure, or a Priority Level 2 incident that affects only one user or for which there is an existing circumvention procedure.	Tyler shall provide an initial response to Priority Level 3 incidents within one (1) business day of receipt of the incident. Once the incident has been confirmed, Tyler shall use commercially reasonable efforts to resolve such support incidents without the need for a circumvention procedure with the next published maintenance update or service pack, which shall occur at least quarterly. For non-hosted customers, Tyler's responsibility for lost or corrupted data is limited to assisting the Client in restoring its last available database.
4 Non-critical	Support incident that causes failure of non-essential functionality or a cosmetic or other issue that does not qualify as any other Priority Level.	Tyler shall provide an initial response to Priority Level 4 incidents within two (2) business days of receipt of the incident. Once the incident has been confirmed, Tyler shall use commercially reasonable efforts to resolve such support incidents, as well as cosmetic issues, with a future version release.

**Response and Resolution Targets may differ by product or business need*

Incident Escalation

If Tyler is unable to resolve any priority level 1 or 2 defect as listed above or the priority of an issue has elevated since initiation, you may escalate the incident to the appropriate resource, as outlined by each product support team. The corresponding resource will meet with you and any Tyler staff to establish a mutually agreeable plan for addressing the defect.

Remote Support Tool

Some support calls may require further analysis of the Client's database, processes or setup to diagnose a problem or to assist with a question. Tyler will, at its discretion, use an industry-standard remote support tool. Tyler's support team must have the ability to quickly connect to the Client's system and view the site's setup, diagnose problems, or assist with screen navigation. More information about the remote support tool Tyler uses is available upon request.

Exhibit D

Statement of Work

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Desoto Consortium

SOW from Tyler Technologies, Inc.

~~1/16/2024~~April 23, 2024

Presented to:

714 E Belt Line Rd
DeSoto, TX 75115

Contact:
Eric Burrell
Email: Eric.Burrell@TylerTech.com
840 West Long Lake Rd., Troy, MI 48098

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Part 1: Executive Summary

1. Project Overview

1.1 Introduction

Tyler Technologies ("Tyler") is the largest and most established provider of integrated software and technology services focused solely on the public sector. Tyler's end-to-end solutions empower public sector entities including local, state, provincial and federal government, to operate more efficiently and connect more transparently with their constituents and with each other. By connecting data and processes across disparate systems, Tyler's solutions transform how clients gain actionable insights that solve problems in their communities.

1.2 Project Goals

This Statement of Work ("SOW") documents the methodology, implementation stages, activities, and roles and responsibilities, and project scope listed in the Investment Summary of the Agreement between Tyler and the CONSORTIUM (collectively the "Project").

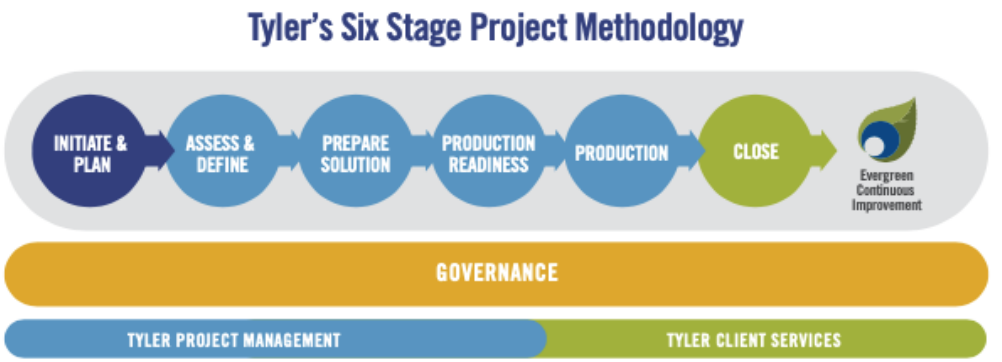
The overall goals of the project are to:

- Successfully implement the contracted scope on time and on budget
- Increase operational efficiencies and empower users to be more productive
- Improve accessibility and responsiveness to external and internal customer needs
- Overcome current challenges and meet future goals
- Providing a single, comprehensive, and integrated solution to manage business functions
- Streamline business processes through automation, integration, and workflows
- Eliminate redundant data entry
- Provide a user-friendly user interface to promote system use and productivity
- Support CONSORTUM goal of training sustainability by providing train-the-trainer education for customer subject matter experts who can provide ongoing training for customer employees.

1.3 Methodology

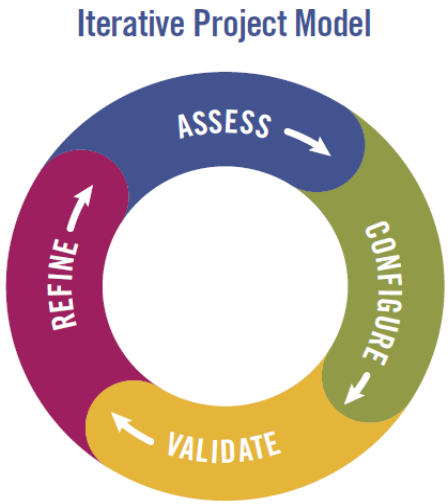
This is accomplished by the CONSORTIUM and Tyler working as a partnership and Tyler utilizing its depth of implementation experience. While each Project is unique, all will follow Tyler's six-stage methodology. Each of the six stages is comprised of multiple work packages, and each work package includes a narrative description, objectives, tasks, inputs, outputs/deliverables, assumptions, and a responsibility matrix.

Tailored specifically for Tyler's public sector clients, the project methodology contains Stage Acceptance Control Points throughout each Phase to ensure adherence to scope, budget, timeline controls, effective communications, and quality standards. Clearly defined, the project methodology repeats consistently across Phases, and is scaled to meet the CONSORTIUM's complexity and organizational needs.



The methodology adapts to both single-phase and multiple-phase projects.

To achieve Project success, it is imperative that both the CONSORTIUM and Tyler commit to including the necessary leadership and governance. During each stage of the Project, it is expected that the CONSORTIUM and Tyler Project teams work collaboratively to complete tasks. An underlying principle of Tyler's Implementation process is to employ an iterative model where the CONSORTIUM's business processes are assessed, configured, validated, and refined cyclically in line with the project budget. This approach is used in multiple stages and work packages as illustrated in the graphic below.



The delivery approach is systematic, which reduces variability and mitigates risks to ensure Project success. As illustrated, some stages, along with work packages and tasks, are intended to be overlapping by nature to complete the Project efficiently and effectively.

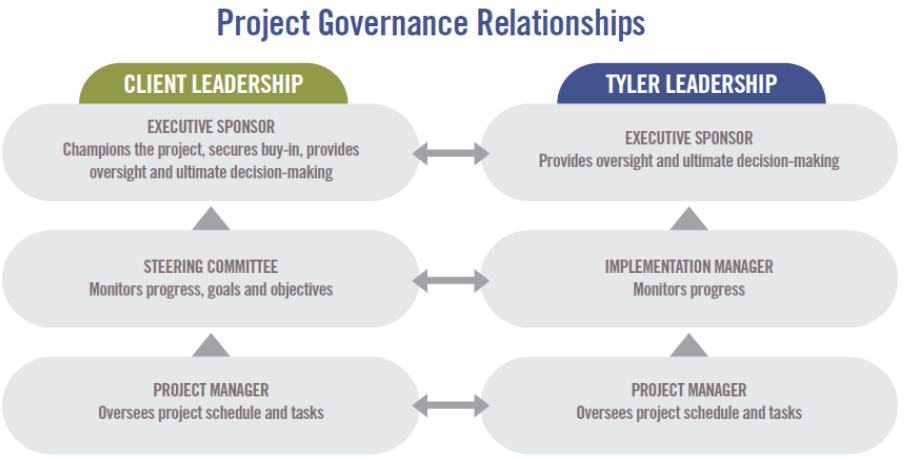
Part 2: Project Foundation

2. Project Governance

Project governance is the management framework within which Project decisions are made. The role of Project governance is to provide a decision-making approach that is logical, robust, and repeatable. This allows organizations to have a structured approach for conducting its daily business in addition to project related activities.

This section outlines the resources required to meet the business needs, objectives, and priorities for the Project, communicate the goals to other Project participants, and provide support and guidance to accomplish these goals. Project governance defines the structure for escalation of issues and risks, Change Control review and authority, and Organizational Change Management activities. Throughout the Statement of Work Tyler has provided RACI Matrices for activities to be completed throughout the implementation which will further outline responsibilities of different roles in each stage. Further refinement of the governance structure, related processes, and specific roles and responsibilities occurs during the Initiate & Plan Stage.

The chart below illustrates an overall team perspective where Tyler and the CONSORTIUM collaborate to resolve Project challenges according to defined escalation paths. If project managers do not possess authority to determine a solution, resolve an issue, or mitigate a risk, Tyler implementation management and the CONSORTIUM Steering Committee become the escalation points to triage responses prior to escalation to the CONSORTIUM and Tyler executive sponsors. As part of the escalation process, each Project governance tier presents recommendations and supporting information to facilitate knowledge transfer and issue resolution. The CONSORTIUM and Tyler executive sponsors serve as the final escalation point.



3. Project Scope Control

3.1 Managing Scope and Project Change

Project Management governance principles contend that there are three connected constraints on a Project: budget, timeline, and scope. These constraints, known as the "triple constraints" or project management triangle, define budget in terms of financial cost, labor costs, and other resource costs. Scope is defined as the work performed to deliver a product, service or result with the specified features and functions, while time is simply defined as the schedule. The Triple Constraint theory states that if you change one side of the triangle, the other two sides must be correspondingly adjusted. For example, if the scope of the Project is increased, cost and time to complete will also need to increase. The Project and executive teams will need to remain cognizant of these constraints when making impactful decisions to the Project. A simple illustration of this triangle is included here, showing the connection of each item and their relational impact to the overall Scope.

A pillar of any successful project is the ability to properly manage scope while allowing the appropriate level of flexibility to incorporate approved changes. Scope and changes within the project will be managed using the change control process outlined in the following section.

3.2 Change Control

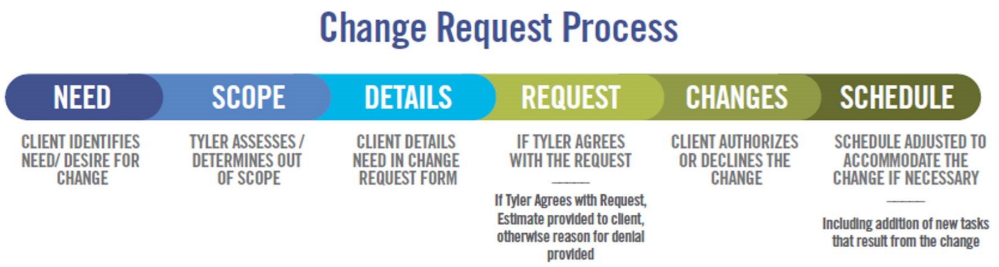
It may become necessary to change the scope of this Project due to unforeseeable circumstances (e.g., new constraints or opportunities are discovered). This Project is being undertaken with the understanding that Project scope, schedule, and/or cost may need to change to produce optimal results for stakeholders. Changes to contractual requirements will follow the change control process specified in the final contract, and as described below.

3.3 Change Request Management

Should the need for a change to Project scope, schedule, and/or cost be identified during the Project, the change will be brought to the attention of the Steering Committee and an assessment of the change will occur. While such changes may result in additional costs and delays relative to the schedule, some changes may result in less cost to the CONSORTIUM; for example, the CONSORTIUM may decide it no longer needs a deliverable originally defined in the Project. The Change Request will include the following information:

- The nature of the change.
- A good faith estimate of the additional cost or associated savings to the CONSORTIUM, if any.
- The timetable for implementing the change.
- The effect on and/or risk to the schedule, resource needs or resource responsibilities.

The CONSORTIUM will use its good faith efforts to either approve or disapprove any Change Request within ten (10) Business Days (or other period as mutually agreeable between Tyler and the CONSORTIUM). Any changes to the Project scope, budget, or timeline must be documented and approved in writing using a Change Request form. These changes constitute a formal amendment to the Statement of Work and will supersede any conflicting term in the Statement of Work.



4. Acceptance Process

The implementation of a Project involves many decisions to be made throughout its lifecycle. Decisions will vary from higher level strategy decisions to smaller, detailed Project level decisions. It is critical to the success of the Project that each CONSORTIUM office or department designates specific individuals for making decisions on behalf of their offices or departments.

Both Tyler and the CONSORTIUM will identify representative project managers. These individuals will represent the interests of all stakeholders and serve as the primary contacts between the two organizations.

The coordination of gaining CONSORTIUM feedback and approval on Project deliverables will be critical to the success of the Project. The CONSORTIUM project manager will strive to gain deliverable and decision approvals from all authorized CONSORTIUM representatives. Given that the designated decision-maker for each department may not always be available, there must be a designated proxy for each decision point in the Project. Assignment of each proxy will be the responsibility of the leadership from each CONSORTIUM department. The proxies will be named individuals that have the authorization to make decisions on behalf of their department.

The following process will be used for accepting Deliverables and Control Points:

- The CONSORTIUM shall have ~~five (5)~~ten (10) business days from the date of delivery, or as otherwise mutually agreed upon by the parties in writing, to accept each Deliverable or Control Point. If the CONSORTIUM does not provide acceptance or acknowledgement within ten (10) ~~five (5)~~ business days, or the otherwise agreed upon timeframe, not to be unreasonably withheld, Tyler deems the Deliverable or Control Point as accepted.
- If the CONSORTIUM does not agree the Deliverable or Control Point meets requirements, the CONSORTIUM shall notify Tyler project manager(s), in writing, with reasoning within five (5) business days, or the otherwise agreed-upon timeframe, not to be unreasonably withheld, of receipt of the Deliverable.
- Tyler shall address any deficiencies and redeliver the Deliverable or Control Point. The CONSORTIUM shall then have ~~two (2)~~five (5) business days from receipt of the redelivered Deliverable or Control Point to accept or again submit written notification of reasons for rejecting the milestone. If the CONSORTIUM does not provide acceptance within five (5) ~~two (2)~~ business days, or the otherwise agreed upon timeframe, not to be unreasonably withheld, Tyler deems the Deliverable or Control Point as accepted.

5. Roles and Responsibilities

The following defines the roles and responsibilities of each Project resource for the CONSORTIUM and Tyler. Roles and responsibilities may not follow the organizational chart or position descriptions at the CONSORTIUM, but are roles defined within the Project. It is common for individual resources on both the Tyler and CONSORTIUM project teams to fill multiple roles. Similarly, it is common for some roles to be filled by multiple people.

5.1 Tyler Roles & Responsibilities

Tyler assigns a project manager prior to the start of each Phase of the Project (some Projects may only be one Phase in duration). Additional Tyler resources are assigned as the schedule develops and as needs arise.

5.1.1 Tyler Executive Manager

Tyler executive management has indirect involvement with the Project and is part of the Tyler escalation process. This team member offers additional support to the Project team and collaborates with other Tyler department managers as needed to escalate and facilitate implementation Project tasks and decisions.

- Provides clear direction for Tyler staff on executing on the Project Deliverables to align with satisfying the CONSORTIUM 's overall organizational strategy.
- Authorizes required Project resources.
- Resolves all decisions and/or issues not resolved at the implementation management level as part of the escalation process.
- Acts as the counterpart to the CONSORTIUM 's executive sponsor.

5.1.2 Tyler Implementation Manager

- Tyler implementation management has indirect involvement with the Project and is part of the Tyler escalation process. The Tyler project managers consult implementation management on issues and outstanding decisions critical to the Project. Implementation management works toward a solution with the Tyler Project Manager or with CONSORTIUM management as appropriate. Tyler executive management is the escalation point for any issues not resolved at this level.
- Assigns Tyler Project personnel.
- Provides support for the Project team.
- Provides management support for the Project to ensure it is staffed appropriately and staff have necessary resources.
- Monitors Project progress including progress towards agreed upon goals and objectives.

5.1.3 Tyler Project Manager

- The Tyler project manager(s) provides oversight of the Project, coordination of Tyler resources between departments, management of the Project budget and schedule, effective risk, and issue management, and is the primary point of contact for all Project related items. As requested by the CONSORTIUM, the Tyler Project Manager provides regular updates to the CONSORTIUM Steering Committee and other Tyler governance members. Tyler Project Manager's role includes responsibilities in the following areas:

5.1.3.1 Contract Management

- Validates contract compliance throughout the Project.
- Ensures Deliverables meet contract requirements.
- Acts as primary point of contact for all contract and invoicing questions.
- Prepares and presents contract milestone sign-offs for acceptance by the CONSORTIUM project manager(s).
- Coordinates Change Requests, if needed, to ensure proper Scope and budgetary compliance.

5.1.3.2 Planning

- Delivers project planning documents.
- Defines Project tasks and resource requirements.
- Develops initial Project schedule and Project Management Plan.

- Collaborates with the CONSORTIUM project manager(s) to plan and schedule Project timelines to achieve on-time implementation.

5.1.3.3 Implementation Management

- Tightly manages Scope and budget of Project to ensure Scope changes and budget planned versus actual are transparent and handled effectively and efficiently.
- Establishes and manages a schedule and Tyler resources that properly support the Project Schedule and are also in balance with Scope/budget.
- Establishes risk/issue tracking/reporting process between the CONSORTIUM and Tyler and takes all necessary steps to proactively mitigate these items or communicate with transparency to the CONSORTIUM any items that may impact the outcomes of the Project.
- Collaborates with the CONSORTIUM 's project manager(s) to establish key business drivers and success indicators that will help to govern Project activities and key decisions to ensure a quality outcome of the project.
- Collaborates with the CONSORTIUM 's project manager(s) to set a routine communication plan that will aide all Project team members, of both the CONSORTIUM and Tyler, in understanding the goals, objectives, status, and health of the Project.

5.1.3.4 Resource Management

- Acts as liaison between Project team and Tyler manager(s).
- Identifies and coordinates all Tyler resources across all applications, Phases, and activities including development, forms, installation, reports, implementation, and billing.
- Provides direction and support to Project team.
- Manages the appropriate assignment and timely completion of tasks as defined in the Project Schedule, task list, and Go-Live Checklist.
- Assesses team performance and adjusts as necessary.
- Consulted on in Scope 3rd party providers to align activities with ongoing Project tasks.
- Interfaces closely with Tyler developers to coordinate program Modification activities.

5.1.4 Tyler Implementation Consultant

- Completes tasks as assigned by the Tyler project manager(s).
- Documents activities for services performed by Tyler.
- Guides the CONSORTIUM through software validation process following configuration.
- Assists during Go-Live process and provides support until the CONSORTIUM transitions to Client Services.
- Facilitates training sessions and discussions with the CONSORTIUM and Tyler staff to ensure adequate discussion of the appropriate agenda topics during the allotted time.
- May provide conversion review and error resolution assistance.

5.1.5 Tyler Sales

- Supports Sales to Implementation knowledge transfer during Initiate & Plan.
- Provides historical information, as needed, throughout implementation.
- Participates in pricing activities if additional licensing and/or services are needed.

5.1.6 Tyler Technical Services

- Maintains Tyler infrastructure requirements and design document(s).

- Involved in system infrastructure planning/review(s).
- Provides first installation of licensed software with initial database on servers.
- Supports and assists the project team with technical/environmental issues/needs.
- Deploys Tyler products.
- Conducts GIS Planning.
- Reviews GIS data and provides feedback to the CONSORTIUM.
- Loads CONSORTIUM provided GIS data into the system.

5.2 CONSORTIUM Roles & Responsibilities

CONSORTIUM resources will be assigned prior to the start of each Phase of the Project. One person may be assigned to multiple Project roles.

5.2.1 CONSORTIUM Executive Sponsor

The CONSORTIUM executive sponsor provides support to the Project by providing strategic direction and communicating key issues about the Project and its overall importance to the organization. When called upon, the executive sponsor also acts as the final authority on all escalated Project issues. The executive sponsor engages in the Project, as needed, to provide necessary support, oversight, guidance, and escalation, but does not participate in day-to-day Project activities. The executive sponsor empowers the CONSORTIUM steering committee, project manager(s), and functional leads to make critical business decisions for the CONSORTIUM.

- Champions the project at the executive level to secure buy-in.
- Authorizes required project resources.
- Actively participates in organizational change communications.

5.2.2 CONSORTIUM Steering Committee

The CONSORTIUM steering committee understands and supports the cultural change necessary for the Project and fosters an appreciation for the Project's value throughout the organization. The steering committee oversees the CONSORTIUM project manager and Project through participation in regular internal meetings. The CONSORTIUM steering committee remains updated on all Project progress, Project decisions, and achievement of Project milestones. The CONSORTIUM steering committee also serves as primary level of issue resolution for the Project.

- Works to resolve all decisions and/or issues not resolved at the project manager level as part of the escalation process.
- Attends all scheduled steering committee meetings.
- Provides support for the project team.
- Assists with communicating key project messages throughout the organization.
- Prioritizes the project within the organization.
- Ensures the project staffed appropriately and that staff have necessary resources.
- Monitors project progress including progress towards agreed upon goals and objectives.
- Has the authority to approve or deny changes impacting the following areas:
    - Cost
    - Scope
    - Schedule
    - Project Goals
    - CONSORTIUM Policies

- Needs of other client projects

5.2.3 CONSORTIUM Project Manager

The CONSORTIUM shall assign project manager(s) prior to the start of this project with overall responsibility and authority to make decisions related to Project Scope, scheduling, and task assignment. The CONSORTIUM Project Manager should communicate decisions and commitments to the Tyler project manager(s) in a timely and efficient manner. When the CONSORTIUM project manager(s) do not have the knowledge or authority to make decisions, he or she engages the necessary resources to participate in discussions and make decisions in a timely fashion to avoid Project delays. The CONSORTIUM project manager(s) are responsible for reporting to the CONSORTIUM steering committee and determining appropriate escalation points.

5.2.3.1 Contract Management

- Validates contract compliance throughout the project.
- Ensures that invoicing and Deliverables meet contract requirements.
- Acts as primary point of contact for all contract and invoicing questions. Collaborates on and approves Change Requests, if needed, to ensure proper scope and budgetary compliance.

5.2.3.2 Planning

- Reviews and accepts project planning documents.
- Defines project tasks and resource requirements for the CONSORTIUM project team.
- Collaborates in the development and approval of the project schedule.
- Collaborates with Tyler project manager(s) to plan and schedule project timelines to achieve on-time implementation.

5.2.3.3 Implementation Management

- Tightly manages project budget and scope.
- Collaborates with Tyler project manager(s) to establish a process and approval matrix to ensure that scope changes and budget (planned versus actual) are transparent and handled effectively and efficiently.
- Collaborates with Tyler project manager to establish and manage a schedule and resource plan that properly supports the project schedule as a whole and is also in balance with scope and budget.
- Collaborates with Tyler project manager(s) to establish risk and issue tracking and reporting process between the CONSORTIUM and Tyler and takes all necessary steps to proactively mitigate these items or communicate with transparency to Tyler any items that may impact the outcomes of the project.
- Collaborates with Tyler project manager(s) to establish key business drivers and success indicators that will help to govern project activities and key decisions to ensure a quality outcome of the project.
- Routinely communicates with both the CONSORTIUM staff and Tyler, aiding in the understanding of goals, objectives, current status, and health of the project by all team members.
- Manages the requirements gathering process and ensure timely and quality business requirements are being provided to Tyler.

5.2.3.4 Resource Management

- Acts as liaison between project team and stakeholders.
- Identifies and coordinates all CONSORTIUM resources across all modules, phases, and activities including data conversions, forms design, hardware and software installation, reports building, and satisfying invoices.

- Provides direction and support to project team.
- Builds partnerships among the various stakeholders, negotiating authority to move the project forward.
- Manages the appropriate assignment and timely completion of tasks as defined.
- Assesses team performance and takes corrective action, if needed.
- Provides guidance to CONSORTIUM technical teams to ensure appropriate response and collaboration with Tyler Technical Support Teams to ensure timely response and appropriate resolution.
- Owns the relationship with in-Scope 3rd party providers and aligns activities with ongoing project tasks.
- Ensures that users have appropriate access to Tyler project toolsets as required.
- Conducts training on proper use of toolsets.
- Validates completion of required assignments using toolsets.

5.2.4 CONSORTIUM Functional Leads

- Makes business process change decisions under time sensitive conditions.
- Communicates existing business processes and procedures to Tyler consultants.
- Assists in identifying business process changes that may require escalation.
- Contributes business process expertise for Current & Future State Analysis.
- Identifies and includes additional subject matter experts to participate in Current & Future State Analysis.
- Validates that necessary skills have been retained by end users.
- Provides End Users with dedicated time to complete required homework tasks.
- Acts as an ambassador/champion of change for the new process and provide business process change support.
- Identifies and communicates any additional training needs or scheduling conflicts to the CONSORTIUM project manager.
- Actively participates in all aspects of the implementation, including, but not limited to, the following key activities:
    - Task completion
    - Stakeholder Meeting
    - Project Management Plan development
    - Schedule development
    - Maintenance and monitoring of risk register
    - Escalation of issues
    - Communication with Tyler project team
    - Coordination of CONSORTIUM resources
    - Attendance at scheduled sessions
    - Change management activities
    - Modification specification, demonstrations, testing and approval assistance
    - Data analysis assistance
    - Decentralized end user training
    - Process testing
    - Solution Validation

5.2.5 CONSORTIUM Power Users

- Participate in project activities as required by the project team and project manager(s).
- Provide subject matter expertise on the CONSORTIUM business processes and requirements.

- Act as subject matter experts and attend Current & Future State Analysis sessions as needed.
- Attend all scheduled training sessions.
- Participate in all required post-training processes as needed throughout project.
- Test all application configuration to ensure it satisfies business process requirements.
- Become application experts.
- Participate in Solution Validation.
- Adopt and support changed procedures.
- Complete all deliverables by the due dates defined in the project schedule.
- Demonstrate competency with Tyler products processing prior to Go-live.
- Provide knowledge transfer to the CONSORTIUM staff during and after implementation.
- Participate in conversion review and validation.

5.2.6 CONSORTIUM End Users

- Attend all scheduled training sessions.
- Become proficient in application functions related to job duties.
- Adopt and utilize changed procedures.
- Complete all deliverables by the due dates defined in the project schedule.
- Utilize software to perform job functions at and beyond Go-live.

5.2.7 CONSORTIUM Technical Lead

- Coordinates updates and releases with Tyler as needed.
- Coordinates the copying of source databases to training/testing databases as needed for training days.
- Coordinates and adds new users, printers and other peripherals as needed.
- Validates that all users understand log-on process and have necessary permission for all training sessions.
- Coordinates interface development for CONSORTIUM third party interfaces.
- Develops or assists in creating reports as needed.
- Ensures on-site system meets specifications provided by Tyler.
- Assists with software installation as needed.
- Extracts and transmits conversion data and control reports from the CONSORTIUM's legacy system per the conversion schedule set forth in the project schedule.

5.2.7.1 CONSORTIUM GIS

- Participates in GIS planning activities.
- Responsible for management and maintenance of CONSORTIUM GIS infrastructure and data.
- Ensures GIS data/service endpoints are in alignment with Tyler software requirements.
- Provides Tyler implementation team with GIS data/service access information.

5.2.7.2 CONSORTIUM Upgrade Coordination

- Becomes familiar with the software upgrade process and required steps.
- Becomes familiar with Tyler's releases and updates.
- Utilizes Tyler resources to stay abreast of the latest Tyler releases and updates, as well as the latest helpful tools to manage the CONSORTIUM's software upgrade process.
- Assists with the software upgrade process during implementation.
- Manages software upgrade activities post-implementation.

- Manages software upgrade plan activities.
- Coordinates software upgrade plan activities with CONSORTIUM and Tyler resources.
- Communicates changes affecting users and department stakeholders.
- Obtains department stakeholder acceptance to upgrade production environment.

5.2.8 CONSORTIUM Change Management Lead

- Validates that users receive timely and thorough communication regarding process changes.
- Provides coaching to supervisors to prepare them to support users through the project changes.
- Identifies the impact areas resulting from project activities and develops a plan to address them proactively.
- Identifies areas of resistance and develops a plan to reinforce the change.
- Monitors post-production performance and new process adherence.

Part 3: Project Plan

6. Project Stages

Work Breakdown Structure

The Work Breakdown Structure (WBS) is a hierarchical representation of a Project or Phase broken down into smaller, more manageable components. The top-level components are called "Stages" and the second level components are called "Work Packages". The work packages, shown below each stage, contain the high-level work to be done. The detailed Project Schedule, developed during Project/Phase Planning and finalized during subsequent stages, lists the tasks to be completed within each work package. Each stage ends with a "Control Point", confirming the work performed during that stage of the Project has been accepted by the CONSORTIUM.

Work Breakdown Structure (WBS)

1. Initiate & Plan	2. Assess & Define	3. Prepare Solution	4. Production Readiness	5. Production	6. Close
1.1 Initial Coordination	2.1 Solution Orientation	3.1 Initial System Deployment	4.1 Solution Validation	5.1 Go Live	6.1 Phase Close Out
1.2 Project/Phase Planning	2.2 Current & Future State Analysis	3.2 Configuration	4.2 Go Live Readiness	5.2 Transition to Client Services	6.2 Project Close Out
1.3 GIS Planning*	2.3 Modification Analysis	3.3 Process Refinement	4.3 End User Training	5.3 Post Go Live Activities	
1.4 Infrastructure Planning	2.4 Conversion Assessment	3.4 Conversion Delivery			
1.5 Stakeholder Meeting	2.5 Data Assessment	3.5 Data Delivery			
		3.6 Modifications*			

Items noted with an asterisk in the graphic above relate to specific products and services. If those products and services are not included in the scope of the contract, these specific work packages will be noted as "Intentionally Left Blank" in Section 6 of the Statement of Work.

6.1 Initiate and Plan

The Initiate and Plan stage involves Project initiation, infrastructure, and planning. This stage creates a foundation for the Project by identifying and establishing sequence and timing for each Phase as well as verifying scope for the Project. This stage will be conducted at the onset of the Project, with a few unique items being repeated for the additional Phases as needed.

6.1.1 Initial Coordination

Prior to Project commencement, Tyler management assigns project manager(s). Additional Project resources will be assigned later in the Project as a Project schedule is developed. Tyler provides the CONSORTIUM with initial Project documents used to gather names of key personnel, their functional role as it pertains to the Project, as well as any blackout dates to consider for future planning. the CONSORTIUM gathers the information requested by the provided deadline ensuring preliminary planning and scheduling can be conducted moving the Project forward in a timely fashion. Internally, the Tyler Project Manager(s) coordinate with sales to ensure transfer of vital information from the sales process prior to scheduling a Project Planning Meeting with the CONSORTIUM's team. During this step, Tyler will work with the CONSORTIUM to establish the date(s) for the Project and Phase Planning session.

Objectives:

- Formally launch the project.
- Establish project governance.
- Define and communicate governance for Tyler.
- Identify CONSORTIUM project team.

STAGE 1	Initial Coordination																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Tyler project team is assigned	A	R	C	I	I	I	I		I		I						
CONSORTIUM project team is assigned									A	I	R	I	I	I			
Provide initial project documents to the CONSORTIUM		A	R	C			C		I		I						
Gather preliminary information requested			I						A		R	C		C		C	C
Sales to implementation knowledge transfer		A	R	I	I	I	I				I						
Create Project Portal to store project artifacts and facilitate		A	R								I						

communication	

Inputs	Contract documents
	Statement of Work

Outputs/Deliverables	Working initial project documents
	Project portal

Work package assumptions:

- Project activities begin after the agreement has been fully executed.

6.1.2 Project/Phase Planning

Project and Phase planning provides an opportunity to review the contract, software, data conversions and services purchased, identify applications to implement in each Phase (if applicable), and discuss implementation timeframes.

During this work package Tyler will work with the CONSORTIUM to coordinate and plan a formal Project planning meeting(s). This meeting signifies the start of the Project and should be attended by all CONSORTIUM Project team members and the Tyler Project Manager. The meeting provides an opportunity for Tyler to introduce its implementation methodology, terminology, and Project management best practices to the CONSORTIUM's Project Team. This will also present an opportunity for project managers and Project sponsors to begin to discuss Project communication, metrics, status reporting and tools to be used to measure Project progress and manage change.

Tyler will work with the CONSORTIUM Project Team to prepare and deliver the Project Management Plan as an output of the planning meeting. This plan will continue to evolve and grow as the Project progresses and will describe how the project will be executed, monitored, and controlled.

During project planning, Tyler will introduce the tools that will be used throughout the implementation. Tyler will familiarize the CONSORTIUM with these tools during project planning and make them available for review and maintenance as applicable throughout the project. Some examples are Solution validation plan, issue log, and go-live checklist.

STAGE 1	Project/Phase Planning															
	Tyler								CONSORTIUM							
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Schedule and conduct planning		A	R						I		C	C	I				

session(s)																	
Develop Project Management Plan		A	R						I		C	C	I				
Develop initial project schedule		A	R	I	I	I	I		I	I	C	C	I	I	C		I

Inputs	Contract documents
	Statement of Work
	Guide to Starting Your Project

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Project Management Plan	Delivery of document
	Project Operational Plan	Delivery of document
	Initial Project Schedule	CONSORTIUM provides acceptance of schedule based on resource availability, project budget, and goals.

Work package assumptions:

- CONSORTIUM has reviewed and completed the Guide to Starting Your Project document.

6.1.3 Infrastructure Planning

Procuring required hardware and setting it up properly is a critical part of a successful implementation. This task is especially important for Tyler-hosted/SaaS deployment models. Tyler will be responsible for building the environments for a hosted/SaaS deployment, unless otherwise identified in the Agreement. Tyler will install Licensed Software on application server(s) or train the CONSORTIUM to install License Software. The CONSORTIUM is responsible for the installation and setup of all peripheral devices.

Objectives:

- Ensure the CONSORTIUM's infrastructure meets Tyler's application requirements.
- Ensure the CONSORTIUM's infrastructure is scheduled to be in place and available for use on time.

STAGE 1	Infrastructure Planning																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts	Department Heads	End Users	Technical Leads
Provide Infrastructure Requirements and Design Document		A	R		C		C				I						I
Initial Infrastructure Meeting		A	R		C		C				C						C
Schedule SaaS		A	R				C				I						

Environment Availability																	
Schedule Installation of All Licensed Software		A	R				C				I						I
Infrastructure Audit		A	R				C				I						C

Inputs	Initial Infrastructure Requirements

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Completed Infrastructure Requirements	Delivery of Requirements
	Infrastructure Audit	System Passes Audit Criteria

6.1.4 Stakeholder Meeting

Communication of the Project planning outcomes to the CONSORTIUM Project team, executives and other key stakeholders is vital to Project success. The Stakeholder meeting is a strategic activity to inform, engage, gain commitment, and instill confidence in the CONSORTIUM team. During the meeting, the goals and objectives of the Project will be reviewed along with detail on Project scope, implementation methodology, roles and responsibilities, Project timeline and schedule, and keys to Project success.

Objectives:

- Formally present and communicate the project activities and timeline.
- Communicate project expectations.

STAGE 1	Stakeholder Meeting																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power ...	Department Heads	End Users	Technical Leads
Create Stakeholder Meeting Presentation	I	A	R	I	I				I	I	C		I				
Review Stakeholder Meeting Presentation		I	C						A		R		C				
Perform Stakeholder Meeting Presentation	I	A	R	I	I				I	I	C	I	I	I	I	I	I

Inputs	Agreement
	SOW
	Project Management Plan

Outputs /		Acceptance Criteria [only] for Deliverables

Deliverables		
	Stakeholder Meeting Presentation	

Work package assumptions:

- None

6.1.5 GIS Preparation

GIS data is a core part of many Tyler applications. Other CONSORTIUM offices/products may also use this data and have different GIS requirements. A key focus of this preparation will be the process for developing the GIS data for use with Tyler applications. This can be an iterative process, so it is important to begin preparation early.

Objectives:

- Identify all CONSORTIUM GIS data sources and formats.
- Tyler to understand the CONSORTIUM's GIS needs and practices.
- Ensure the CONSORTIUM's GIS data meets Tyler product requirements.

STAGE 1	GIS Preparation																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Initial GIS Planning Meeting		A	R				C				C						C
Determine all GIS Data Sources			I				I		A		R						C
Provide Source GIS Data			I				I		A		R						C
Review GIS Data and Provide Feedback		A	R				C				I						C

Inputs	GIS Requirements Document

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Production Ready Map Data	Meets Tyler GIS Requirements.

Work package assumptions:

- GIS data provided to Tyler is accurate and complete.
- GIS data provided to Tyler is current.
- CONSORTIUM is responsible for maintaining the GIS data.

6.1.6 Control Point 1: Initiate & Plan Stage Acceptance

Acceptance criteria for this stage includes completion of all criteria listed below.

Note: Advancement to the Assess & Define stage is not dependent upon Tyler's receipt of this stage acceptance.

Initiate & Plan Stage Deliverables:

- Project Management Plan
- Initial Project Schedule

Initiate & Plan stage acceptance criteria:

- All stage deliverables accepted based on acceptance criteria previously defined
- Project governance defined
- Project portal made available to the CONSORTIUM
- Stakeholder meeting complete
- GIS Data Production Ready
- Completed Infrastructure Requirements and Design Document
- System Passes Infrastructure Audit (as applicable)

6.2 Assess & Define

The Assess & Define stage will provide an opportunity to gather information related to current CONSORTIUM business processes. This information will be used to identify and define business processes utilized with Tyler software. The CONSORTIUM collaborates with Tyler providing complete and accurate information to Tyler staff and assisting in analysis, understanding current workflows and business processes.

6.2.1 Solution Orientation

The Solution Orientation provides the Project stakeholders a high-level understanding of the solution functionality prior to beginning the current and future state analysis. The primary goal is to establish a foundation for upcoming conversations regarding the design and configuration of the solution.

Tyler utilizes a variety of tools for the Solution Orientation, focusing on CONSORTIUM team knowledge transfer such as: eLearning, documentation, or walkthroughs. The CONSORTIUM team will gain a better understanding of the major processes and focus on data flow, the connection between configuration options and outcome, integration, and terminology that may be unique to Tyler's solution.

Objectives:

- Provide a basic understanding of system functionality.
- Prepare the CONSORTIUM for current and future state analysis.

STAGE 2	Solution Orientation	
	Tyler	CONSORTIUM

RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Provide pre-requisites			A	R							I	I		I	I		I
Complete pre-requisites											A	R		C			C
Conduct orientation			A	R							I	I		I	I		I

Inputs	Solution orientation materials
	Training Plan

6.2.2 Current & Future State Analysis

The Current & Future State Analysis provides the Project stakeholders and Tyler an understanding of process changes that will be achieved with the new system.

The CONSORTIUM, with representatives from each agency actively participating, and Tyler will evaluate current state processes, options within the new software, pros and cons of each based on current or desired state and make decisions about the future state configuration and processing. This may occur before or within the same timeframe as the configuration work package. The options within the new software will be limited to the scope of this implementation and will make use of standard Tyler functionality.

~~The~~ Each member of the CONSORTIUM will adopt the existing Tyler solution wherever possible to meet their individual requirements and to avoid project schedule and quality risk from over customization of Tyler products. It is the CONSORTIUM's responsibility to verify that in-scope requirements are being met throughout the implementation if functional requirements are defined as part of the contract. The following guidelines will be followed when evaluating if a modification to the product is required:

- A reasonable business process change is available.
- Functionality exists which satisfies the requirement.
- Configuration of the application satisfies the requirement.
- An in-scope modification satisfies the requirement.

Requirements that are not met will follow the agreed upon change control process and can have impacts on the project schedule, scope, budget, and resource availability.

STAGE 2	Current & Future State Analysis	
	Tyler	CONSORTIUM

RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Current State process review			A	R	I	I	I				C	C	C	C			C
Discuss future-state options			A	R	C	C	C				C	C	C	C			C
Make future-state decisions (non-COTS)			C	C	C	C	C				A	R	I	C			C
Document anticipated configuration options required to support future state			A	R	C	C	C				I	I	I	I			I

Inputs	CONSORTIUM current state documentation
	Solution Orientation completion

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Documentation that describes future-state decisions and configuration options to support future-state decisions.	Delivery of document

Work package assumptions:

- CONSORTIUM attendees possess sufficient knowledge and authority to make future state decisions.
- The CONSORTIUM is responsible for any documentation of current state business processes.
- The CONSORTIUM can effectively communicate current state processes.

6.2.3 Conversion Assessment

Data Conversions are a major effort in any software implementation. Tyler's conversion tools facilitate the predictable, repeatable conversion process that is necessary to support a successful transition to the Tyler system. The first step in this process is to perform an assessment of the existing ("legacy") system(s), to better understand the source data, risks, and options available. Once the data has been analyzed, the plan for data conversion is completed and communicated to the appropriate stakeholders.

Objectives:

- Communicate a common understanding of the project goals with respect to data.
- Ensure complete and accurate source data is available for review/transfer.
- Map the data from the source to the Tyler system.
- Document the data conversion/loading approach.

STAGE 2	Data Conversion Assessment															
	Tyler								CONSORTIUM							
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Extract Data from Source Systems			I		C						A						R
Review and Scrub Source Data			I	I	I						A	R		C			I
Build/Update Data Conversion Plan			R	C	C						C	I	I	I			I

Inputs	CONSORTIUM Source data
	CONSORTIUM Source data Documentation (if available)

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Data Conversion Plan built/updated	CONSORTIUM Acceptance of Data Conversion Plan, if Applicable

Work package assumptions:

- Tyler will be provided with data from the Legacy system(s) in a mutually agreed upon format.
- Tyler will work with the CONSORTIUM representatives to identify business rules before writing the conversion.
- CONSORTIUM subject matter experts and resources most familiar with the current data will be involved in the data conversion planning effort.

6.2.4 Modification Analysis

Tyler strives to provide robust, off-the-shelf solutions. Tyler can offer a comprehensive solution that allows for the unique nature of each client's business processes. Though opportunities to enhance Tyler products may exist, Tyler recommends Clients utilize existing functionality and, when necessary, adjust their business practices to the products; application refinements and enhancements should only be considered when no viable solution for a given process is available within the included Tyler products. We do recognize that some Projects may require modifications to the solution(s) to meet certain CONSORTIUM business needs, including interfaces with 3rd party products, custom reports, or other custom product modifications. Some Projects have specific modifications included in the Project budget, others do not. If it's determined that additional, out of scope modifications are necessary to meet CONSORTIUM needs, a Change Request is needed and additional cost estimate(s) will be provided by Tyler.

Objectives:

- Identify and define in-scope modifications.
- Identify and define out-of-scope modifications.
- Approve all modifications.

STAGE 2	Modifications analysis																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts	Department Heads	End Users	Technical Leads
Identify which modifications are within the scope/budget of this project [where applicable]		A	R			I			I		C						
Analyze/write a Business Requirements documents for each modification		A	R	C	C	C					C	C		C			
Review/Approve Business Requirements documents			C	C		C			A		R	C		C			
Refine project schedule based on included modifications		A	R		I	C					C						

Inputs	Modification Requirements
	Current & Future State Analysis Document
	Project Budget/Financial documents
	Project Schedule

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Modification Specifications	Meets CONSORTIUM's business needs
	Change Requests for out-of-scope modifications	Meets CONSORTIUM's business needs
	Revised Project Schedule	

Work package assumptions:

- 3rd party interfaces – The CONSORTIUM is responsible for coordinating with the 3rd party.

6.2.5 Intentionally left blank.

6.2.6 Control Point 2: Assess & Define Stage Acceptance

Acceptance criteria for this Stage includes completion of all criteria listed below.

Note: Advancement to the Prepare Solution Stage is dependent upon Tyler's receipt of the Stage Acceptance.

Assess & Define Stage Deliverables:

- Documentation of future state decisions and configuration options to support future state decisions.
- Modification specification document.
- Assess & Define Stage Acceptance Criteria:
- All stage deliverables accepted based on criteria previously defined.
- Solution Orientation is delivered.
- Conversion data extracts are received by Tyler.
- Data conversion plan built.

6.3 Prepare Solution

During the Prepare Solution stage, information gathered during the Initiate & Plan and Assess & Define stages will be used to install and configure the Tyler software solution. Software configuration will be validated by the CONSORTIUM against future state decisions defined in previous stages and processes refined as needed to ensure business requirements are met.

6.3.1 Initial System Deployment

The timely availability of the Tyler Solution is important to a successful Project implementation. The success and timeliness of subsequent work packages are contingent upon the initial system deployment of Tyler Licensed Software on an approved network and infrastructure. Delays in executing this work package can affect the project schedule.

Objectives:

- All licensed software is installed and operational.
- The CONSORTIUM can access the software.

STAGE 3	Initial System Deployment (Hosted/SaaS)*																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power Users)	Department Heads	End Users	Technical Leads
Prepare hosted			A				R				I						C

environment																
Install Licensed Software with Initial Database on Server(s) for Included Environments			A				R				I					C
Install Licensed Software on CONSORTIUM Devices (if applicable)			I				C				A					R
Tyler System Administration Training (if applicable)			A				R				I					C

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Licensed Software is Installed on the Server(s)	Software is accessible
	Licensed Software is Installed on CONSORTIUM Devices (if applicable)	Software is accessible
	Installation Checklist/System Document	System meets prescribed checklist
	Infrastructure Design Document (C&J – If Applicable)	

Work package assumptions:

- The most current available version of the Tyler Licensed Software will be installed.
- The CONSORTIUM will provide network access for Tyler modules, printers, and Internet access to all applicable CONSORTIUM and Tyler Project staff.

6.3.2 Configuration

The purpose of Configuration is to prepare the software product for validation.

Tyler staff collaborates with the CONSORTIUM to complete software configuration based on the outputs of the future state analysis performed during the Assess and Define Stage. The CONSORTIUM collaborates with Tyler staff iteratively to validate software configuration.

Objectives:

- Software is ready for validation.
- Educate the CONSORTIUM Power User how to configure and maintain software.
- Prepare standard interfaces for process validation (if applicable).

STAGE 3	Configuration	
	Tyler	CONSORTIUM

RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Conduct configuration training			A	R							I	C		C			
Complete Tyler configuration tasks (where applicable)			A	R							I	I		I			
Complete CONSORTIUM configuration tasks (where applicable)			I	C							A	R		C			
Standard interfaces configuration and training (if applicable)			A	R			C				I	C		C			C
Updates to Solution Validation testing plan			C	C							A	R		C			C

Inputs	Documentation that describes future state decisions and configuration options to support future state decisions.

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Configured System	

Work package assumptions:

- Tyler provides guidance for configuration options available within the Tyler software. The CONSORTIUM is responsible for making decisions when multiple options are available.

6.3.3 Process Refinement

Tyler will educate the CONSORTIUM users on how to execute processes in the system to prepare them for the validation of the software. The CONSORTIUM collaborates with Tyler staff iteratively to validate software configuration options to support future state.

Objectives:

- Ensure that the CONSORTIUM understands future state processes and how to execute the processes in the software.
- Refine each process to meet the business requirements.
- Validate standard interfaces, where applicable.
- Validate forms and reports, where applicable.

STAGE 3	Process Refinement															
	Tyler								CONSORTIUM							
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power Users)	Department Heads	End Users	Technical Leads
Conduct process training			A	R							I	C	I	C			
Confirm process decisions			I	C						A	R	C	I	C			
Test configuration			I	C							A	R		C			
Refine configuration (CONSORTIUM Responsible)			I	C							A	R		C			
Refine configuration (Tyler Responsible)			A	R							I	I		I			
Validate interface process and results			I	C			C				A	R		C			C
Update CONSORTIUM-specific process documentation (if applicable)			I	C							A	R		C			
Updates to Solution Validation testing plan			C	C							A	R		C			C

Inputs	Initial Configuration
	Documentation that describes future state decisions and configuration options to support future state decisions.
	Solution validation test plan

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Updated solution validation test plan	
	Completed CONSORTIUM-specific process documentation (completed by CONSORTIUM)	

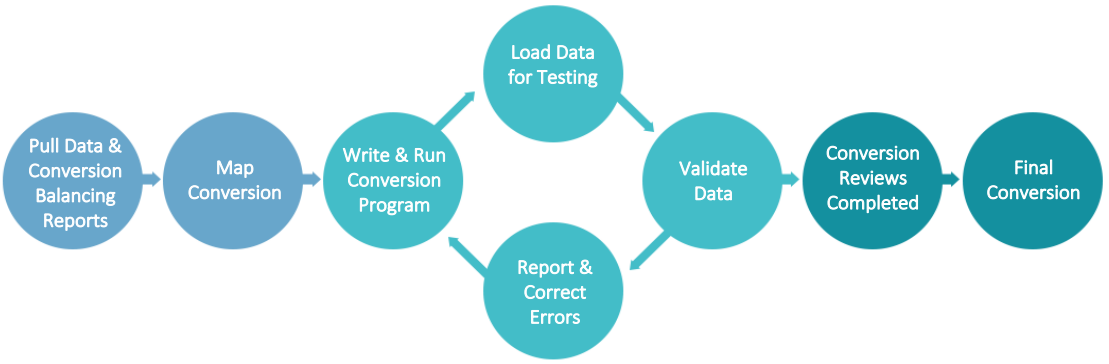
Work package assumptions:

- None

6.3.4 Conversion Delivery

The purpose of this task is to transition the CONSORTIUM's data from their source ("legacy") system(s) to the Tyler system(s). The data will need to be mapped from the legacy system into the new Tyler system format. A well-executed data conversion is key to a successful cutover to the new system(s).

With guidance from Tyler, the CONSORTIUM will review specific data elements within the system and identify / report discrepancies. Iteratively, Tyler will collaborate with the CONSORTIUM to address conversion discrepancies. This process will allow for clean, reconciled data to transfer from the source system(s) to the Tyler system(s). Reference Conversion Appendix for additional detail.



Objectives:

- Data is ready for production (Conversion).

STAGE 3	Data Delivery & Conversion																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power Users)	Department Heads	End Users	Technical Leads
Provide data crosswalks/code mapping tool			A	C	R						I	I		I			
Populate data crosswalks/code mapping tool			I	C	C						A	R		C			
Iterations: Conversion			A	C	R						I						I

Development																	
Iterations: Deliver converted data			A		R		I				I						I
Iterations: Proof/Review data and reconcile to source system			C	C	C						A	R		C			C

Inputs	
	Data Conversion Plan
	Configuration

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Code Mapping Complete / Validated	
	Conversion Iterations / Reviews Complete	Conversion complete, verified, and ready for final pass

Work package assumptions:

- The CONSORTIUM will provide a single file layout per source system as identified in the investment summary.
- The CONSORTIUM subject matter experts and resources most familiar with the current data will be involved in the data conversion effort.
- The CONSORTIUM project team will be responsible for completing the code mapping activity, with assistance from Tyler.

6.3.5 Modifications Delivery

Tyler consistently recommends that our clients utilize the software out-of-the-box and adjust business processes to conform, but we recognize there may be times when a modification of the software is requested to meet reporting obligations, functionality desires, or integrations with external systems. This work package focuses on the successful, high-quality delivery of the approved, in-scope modifications.

Objectives:

- Deliver contracted software modifications.
- Complete or update required configuration for the modifications.
- Test the delivered modifications.

STAGE 3	Modifications Delivery	
	Tyler	CONSORTIUM

RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Validate scheduled development for completion			A			R					I						
Conduct periodic scope review sessions (as applicable)			A	C		R					I	C		C			
Modify Solution Validation Plan (if applicable)			C	C							A	R		C			
Deliver (pre-production) modifications for testing			A	I	I	R	C				I	I		I			I
Test delivered modifications			I	C		C					A	R		C			I
Update configuration (if applicable)			A	R													
Update process documentation as needed			I	I							A	R		C			
Approve modifications for Production delivery			I	I							A	R		C			
Deliver modifications to Production			A	I	I	R	C				I	I		I			I

Inputs	
	Modification specification

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Completed modifications	CONSORTIUM approves modification per scope
	Updated Modification Specification (if applicable)	
	Updated Solution Validation Plan	
	Updated process documentation (if applicable)	
	Revised configuration (if applicable)	Modification passes testing/approved by CONSORTIUM after configuration is updated

Work package assumptions:

- Only approved modifications with approved scope will be provided.

- Only modifications approved for the current phase (if multi-phase) will be delivered.
- Additional scope requests may require additional budget.
- Modifications will be tested upon delivery.

6.3.6 Intentionally left blank.

6.3.7 Control Point 3: Prepare Solution Stage Acceptance

Acceptance criteria for this Stage includes all criteria listed below in each Work Package.

Note: Advancement to the Production Readiness Stage is dependent upon Tyler's receipt of the Stage Acceptance.

Prepare Solution Stage Deliverables:

- Licensed software is installed.
- Installation checklist/system document.
- Conversion iterations and reviews complete.
- Completed modifications.
- Revised configuration for modification (if applicable).

Prepare Solution Stage Acceptance Criteria:

- All stage deliverables accepted based on criteria previously defined.
- Software is configured.
- Solution validation test plan has been reviewed and updated if needed.

6.4 Production Readiness

Activities in the Production Readiness stage will prepare the CONSORTIUM team for go-live through solution validation, the development of a detailed go-live plan and end user training. A readiness assessment will be conducted with the CONSORTIUM to review the status of the project and the organizations readiness for go-live.

6.4.1 Solution Validation

Solution Validation is the end-to-end software testing activity to ensure that the CONSORTIUM verifies all aspects of the Project (hardware, configuration, business processes, etc.) are functioning properly, and validates that all features and functions per the contract have been deployed for system use.

The CONSORTIUM will conduct independent end to end testing and validation (UAT) of software. The project manager (Tyler) will incorporate client planned User Acceptance Testing (UAT) activities into the project plan schedule to occur post system configuration but at least 90 days prior to scheduled Go-live. The City will deliver documentation of issues to Tyler for resolution and retesting by the City. For avoidance of doubt, Tyler will not be participating in or conducting client UAT testing.

Objectives:

- Validate that the solution performs as indicated in the solution validation plan.

- Ensure the CONSORTIUM organization is ready to move forward with go-live and training (if applicable).

STAGE 4	Solution Validation																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Update Solution Validation plan			A	R	C						C	C		C			
Update test scripts (as applicable)			C	C	C						A	R		C			
Perform testing			C	C	C						A	R		C			
Document issues from testing			C	C	C						A	R		C			
Perform required follow-up on issues			A	R	C						C	C		C			

Inputs	Solution Validation plan
	Completed work product from prior stages (configuration, business process, etc.)

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Solution Validation Report	CONSORTIUM updates report with testing results

Work package assumptions:

- Designated testing environment has been established.
- Testing includes current phase activities or deliverables only.

6.4.2 Go-Live Readiness

Tyler and the CONSORTIUM will ensure that all requirements defined in Project planning have been completed and the Go-Live event can occur, as planned. A go-live readiness assessment will be completed identifying risks or actions items to be addressed to ensure the CONSORTIUM has considered its ability to successfully Go-Live. Issues and concerns will be discussed, and mitigation options documented. Tyler and the CONSORTIUM will jointly agree to move forward with transition to production. Expectations for final preparation and critical dates for the weeks leading into and during the Go-Live week will be planned in detail and communicated to Project teams.

Objectives:

- Action plan for go-live established.

- Assess go-live readiness.
- Stakeholders informed of go-live activities.

STAGE 4	Go-Live Readiness																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Perform Readiness Assessment	I	A	R	C	C	I	C	I	I	I	I		I				I
Conduct Go-Live planning session		A	R	C							C	C	C	C	C		C
Order peripheral hardware (if applicable)			I							A	R						C
Confirm procedures for Go-Live issue reporting & resolution		A	R	I	I	I	I				C	C	I	I	I	I	I
Develop Go-Live checklist		A	R	C	C						C	C	I	C			C
Final system infrastructure review (where applicable)			A				R				C						C

Inputs	Future state decisions
	Go-live checklist

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Updated go-live checklist	Updated Action plan and Checklist for go-live delivered to the CONSORTIUM

Work package assumptions:

- None

6.4.3 End User Training

End User Training is a critical part of any successful software implementation. Using a training plan previously reviewed and approved, the Project team will organize and initiate the training activities.

Train the Trainer: Tyler provides one occurrence of each scheduled training or implementation topic for up to 10 train-the-trainer students per class. CONSORTIUM users who attended the Tyler sessions may train additional users. Additional Tyler led sessions may be contracted at the applicable rates for training.

Tyler Led: Tyler provides training for all applicable users. One or multiple occurrences of each scheduled training or implementation topic will be covered.

Self-directed: Tyler provides e-learning, documentation, or videos to facilitate end user training.

Tyler will provide standard application documentation for the general use of the software. It is not Tyler's responsibility to develop CONSORTIUM specific business process documentation. CONSORTIUM-led training labs using CONSORTIUM specific business process documentation if created by the CONSORTIUM can be added to the regular training curriculum, enhancing the training experiences of the end users.

Objectives:

- End users are trained on how to use the software prior to go-live.
- The CONSORTIUM is prepared for on-going training and support of the application.

STAGE 4	End User Training																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power)	Department Heads	End Users	Technical Leads
Update training plan		A	R	C							C		I		C		
End User training (Tyler-led)		A	R	C							C	C	I	C	C	C	
Train-the-trainer		A	R	C							C	C	I	C			
End User training (CONSORTIUM-led)			C	C							A	R	I	C	C	C	

Inputs	Training Plan
	List of End Users and their Roles / Job Duties
	Configured Tyler System

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	End User Training	CONSORTIUM signoff that training was delivered

Work package assumptions:

- The CONSORTIUM project team will work with Tyler to jointly develop a training curriculum that identifies the size, makeup, and subject-area of each of the training classes.
- Tyler will work with the CONSORTIUM as much as possible to provide end-user training in a manner that minimizes the impact to the daily operations of CONSORTIUM departments.
- The CONSORTIUM will be responsible for training new users after go-live (exception—previously planned or regular training offerings by Tyler).

6.4.4 Control Point 4: Production Readiness Stage Acceptance

Acceptance criteria for this stage includes all criteria listed below. Advancement to the Production stage is dependent upon Tyler's receipt of the stage acceptance.

Production Readiness stage deliverables:

- Solution Validation Report.
- Update go-live action plan and/or checklist.
- End user training.

Production Readiness stage acceptance criteria:

- All stage deliverables accepted based on criteria previously defined.
- Go-Live planning session conducted.

6.5 Production

Following end user training the production system will be fully enabled and made ready for daily operational use as of the scheduled date. Tyler and the CONSORTIUM will follow the comprehensive action plan laid out during Go-Live Readiness to support go-live activities and minimize risk to the Project during go-live. Following go-live, Tyler will work with the CONSORTIUM to verify that implementation work is concluded, post go-live activities are scheduled, and the transition to Client Services is complete for long-term operations and maintenance of the Tyler software.

6.5.1 Go-Live

Following the action plan for Go-Live, defined in the Production Readiness stage, the CONSORTIUM and Tyler will complete work assigned to prepare for Go-Live.

The CONSORTIUM provides final data extract and Reports from the Legacy System for data conversion and Tyler executes final conversion iteration, if applicable. If defined in the action plan, the CONSORTIUM manually enters any data added to the Legacy System after final data extract into the Tyler system.

Tyler staff collaborates with the CONSORTIUM during Go-Live activities. The CONSORTIUM transitions to Tyler software for day-to day business processing.

Some training topics are better addressed following Go-Live when additional data is available in the system or based on timing of applicable business processes and will be scheduled following Go-Live per the Project Schedule.

Objectives:

- Execute day to day processing in Tyler software.
- CONSORTIUM data available in Production environment.

STAGE 5	Go-Live	
	Tyler	CONSORTIUM

RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Provide final source data extract, if applicable			C		C						A						R
Final source data pushed into production environment, if applicable			A	C	R						I	C		C			C
Proof final converted data, if applicable			C	C	C						A	R		C			
Complete Go-Live activities as defined in the Go-Live action plan			C	C	C					A	R	C	I	C			
Provide Go-Live assistance			A	R	C	C		I			C	C	I	C		I	C

Inputs	Comprehensive Action Plan for Go-Live
	Final source data (if applicable)

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Data is available in production environment	CONSORTIUM confirms data is available in production environment

Work package assumptions:

- The CONSORTIUM will complete activities documented in the action plan for Go-Live as scheduled.
- External stakeholders will be available to assist in supporting the interfaces associated with the Go-Live live process.
- The CONSORTIUM business processes required for Go-Live are fully documented and tested.
- The CONSORTIUM Project team and subject matter experts are the primary point of contact for the end users when reporting issues during Go-Live.
- The CONSORTIUM Project Team and Power User's provide business process context to the end users during Go-Live.

6.5.2 Transition to Client Services

This work package signals the conclusion of implementation activities for the Phase or Project with the exception of agreed-upon post Go-Live activities. The Tyler project manager(s) schedules a formal transition of the CONSORTIUM onto the Tyler Client Services team, who provides the CONSORTIUM with assistance following Go-Live, officially transitioning the CONSORTIUM to operations and maintenance.

Objectives:

- Ensure no critical issues remain for the project teams to resolve.
- Confirm proper knowledge transfer to the CONSORTIUM teams for key processes and subject areas.

STAGE 5	Transition to Client Services																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Transfer CONSORTIUM to Client Services and review issue reporting and resolution processes	I	I	A	I	I			R	I	I	C	C		C			
Review long term maintenance and continuous improvement			A					R			C	C		C			

Inputs	Open item/issues List

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Client Services Support Document	

Work package assumptions:

- No material project issues remain without assignment and plan.

6.5.3 Post Go-Live Activities

Some implementation activities are provided post-production due to the timing of business processes, the requirement of actual production data to complete the activities, or the requirement of the system being used in a live production state.

Objectives:

- Schedule activities that are planned for after Go-Live.
- Ensure issues have been resolved or are planned for resolution before phase or project close.

STAGE 5	Post Go-Live Activities	
	Tyler	CONSORTIUM

RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Schedule contracted activities that are planned for delivery after go-live		A	R	C	C	C	C	I			C	C	I	C			C
Determine resolution plan in preparation for phase or project close out		A	R	C	C	C		I			C	C	I	C			

Inputs	List of post Go-Live activities

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Updated issues log	

Work package assumptions:

- System is being used in a live production state.

6.5.4 Control Point 5: Production Stage Acceptance

Acceptance criteria for this Stage includes completion of all criteria listed below:

- Advancement to the Close stage is not dependent upon Tyler's receipt of this Stage Acceptance.
- Converted data is available in production environment.

Production Stage Acceptance Criteria:

- All stage deliverables accepted based on criteria previously defined.
- Go-Live activities defined in the Go-Live action plan completed.
- Client services support document is provided.

6.6 Close

The Close stage signifies full implementation of all products purchased and encompassed in the Phase or Project. The CONSORTIUM transitions to the next cycle of their relationship with Tyler (next Phase of implementation or long-term relationship with Tyler Client Services).

6.6.1 Phase Closeout

This work package represents Phase completion and signals the conclusion of implementation activities for the Phase. The Tyler Client Services team will assume ongoing support of the CONSORTIUM for systems implemented in the Phase.

Objectives:

- Agreement from Tyler and the CONSORTIUM teams that activities within this phase are complete.

STAGE 6	Phase Close Out																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Reconcile project budget and status of contract Deliverables	I	A	R						I	I	C						
Hold post phase review meeting		A	R	C	C	C	C				C	C	C	C			C
Release phase-dependent Tyler project resources	A	R	I								I						

Participants	Tyler	CONSORTIUM
	Project Leadership	Project Manager
	Project Manager	Project Sponsor(s)
	Implementation Consultants	Functional Leads, Power Users, Technical Leads
	Technical Consultants (Conversion, Deployment, Development)	
	Client Services	

Inputs	Contract
	Statement of Work
	Project artifacts

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Final action plan (for outstanding items)	
	Reconciliation Report	
	Post Phase Review	

Work package assumptions:

- Tyler deliverables for the phase have been completed.

6.6.2 Project Closeout

Completion of this work package signifies final acceptance and formal closing of the Project.

At this time the CONSORTIUM may choose to begin working with Client Services to look at continuous improvement Projects, building on the completed solution.

Objectives:

- Confirm no critical issues remain for the project teams to resolve.
- Determine proper knowledge transfer to the CONSORTIUM teams for key processes and subject areas has occurred.
- Verify all deliverables included in the Agreement are delivered.

STAGE 6	Project Close Out																
	Tyler								CONSORTIUM								
RACI MATRIX KEY: R = Responsible A = Accountable C = Consulted I = Informed	Executive Manager	Implementation Manager	Project Manager	Implementation Consultant	Data Experts	Modification Services	Technical Services	Client Services	Executive Sponsor	Steering Committee	Project Manager	Functional Leads	Change Management Leads	Subject Matter Experts (Power	Department Heads	End Users	Technical Leads
Conduct post project review		A	R	C	C	C	C				C	C	C	C			C
Deliver post project report to CONSORTIUM and Tyler leadership	I	A	R						I	I	C						
Release Tyler project resources	A	R	I								I						

Inputs	Contract
	Statement of Work

Outputs / Deliverables		Acceptance Criteria [only] for Deliverables
	Post Project Report	CONSORTIUM acceptance; Completed report indicating all project Deliverables and milestones have been completed

Work package assumptions:

- All project implementation activities have been completed and approved.
- No critical project issues remain that have not been documented and assigned.
- Final project budget has been reconciled and invoiced.
- All Tyler deliverables have been completed.

6.6.3 Control Point 6: Close Stage Acceptance

Acceptance criteria for this Stage includes completion of all criteria listed below.

Close Stage Deliverables:

- Post Project Report.

Close Stage Acceptance Criteria:

- Completed report indicating all Project deliverables and milestones have been completed.

7. General Assumptions

Tyler and the CONSORTIUM will use this SOW as a guide for managing the implementation of the Tyler Project as provided and described in the Agreement. There are a few assumptions which, when acknowledged and adhered to, will support a successful implementation. Assumptions related to specific work packages are documented throughout the SOW. Included here are general assumptions which should be considered throughout the overall implementation process.

7.1 Project

- Project activities will begin after the Agreement has been fully executed.
- The CONSORTIUM Project Team will complete their necessary assignments in a mutually agreed upon timeframe to meet the scheduled go-live date, as outlined in the Project Schedule.
- Sessions will be scheduled and conducted at a mutually agreeable time.
- Additional services, software modules and modifications not described in the SOW or Agreement will be considered a change to this Project and will require a Change Request Form as previously referenced in the definition of the Change Control Process.
- Tyler will provide a written agenda and notice of any prerequisites to the CONSORTIUM project manager(s) ten (10) business days or as otherwise mutually agreed upon time frame prior to any scheduled on-site or remote sessions, as applicable.
- Tyler will provide guidance for configuration and processing options available within the Tyler software. If multiple options are presented by Tyler, the CONSORTIUM is responsible for making decisions based on the options available.
- Implementation of new software may require changes to existing processes, both business and technical, requiring the CONSORTIUM to make process changes.
- The CONSORTIUM is responsible for defining, documenting, and implementing their policies that result from any business process changes.

7.2 Organizational Change Management

Unless otherwise contracted by Tyler, CONSORTIUM is responsible for managing Organizational Change. Impacted CONSORTIUM resources will need consistent coaching and reassurance from their leadership team to embrace and accept the changes being imposed by the move to new software. An important part of change is ensuring that impacted CONSORTIUM resources understand the value of the change, and why they are being asked to change.

7.3 Resources and Scheduling

- CONSORTIUM resources will participate in scheduled activities as assigned in the Project Schedule.
- The CONSORTIUM team will complete prerequisites prior to applicable scheduled activities. Failure to do so may affect the schedule.
- Tyler and the CONSORTIUM will provide resources to support the efforts to complete the Project as scheduled and within the constraints of the Project budget.
- Abbreviated timelines and overlapped Phases require sufficient resources to complete all required work as scheduled.
- Changes to the Project Schedule, availability of resources or changes in Scope will be requested through a Change Request. Impacts to the triple constraints (scope, budget, and schedule) will be assessed and documented as part of the change control process.
- The CONSORTIUM will ensure assigned resources will follow the change control process and possess the required business knowledge to complete their assigned tasks successfully. Should there be a change in resources, the replacement resource should have a comparable level of availability, change control process buy-in, and knowledge.
- The CONSORTIUM makes timely Project related decisions to achieve scheduled due dates on tasks and prepare for subsequent training sessions. Failure to do so may affect the schedule, as each analysis and implementation session is dependent on the decisions made in prior sessions.
- The CONSORTIUM will respond to information requests in a comprehensive and timely manner, in accordance with the Project Schedule.
- The CONSORTIUM will provide adequate meeting space or facilities, including appropriate system connectivity, to the project teams including Tyler team members.
- For on-site visits, Tyler will identify a travel schedule that balances the needs of the project and the employee.

7.4 Data

- Data will be converted as provided and Tyler will not create data that does not exist.
- The CONSORTIUM is responsible for the quality of legacy data and for cleaning or scrubbing erroneous legacy data.
- Tyler will work closely with the CONSORTIUM representatives to identify business rules before writing the conversion. The CONSORTIUM must confirm that all known data mapping from source to target have been identified and documented before Tyler writes the conversion.
- All in-scope source data is in data extract(s).
- Each legacy system data file submitted for conversion includes all associated records in a single approved file layout.
- The CONSORTIUM will provide the legacy system data extract in the same format for each iteration unless changes are mutually agreed upon in advance. If not, negative impacts to the schedule, budget and resource availability may occur and/or data in the new system may be incorrect.
- The CONSORTIUM Project Team is responsible for reviewing the converted data and reporting issues during each iteration, with assistance from Tyler.
- The CONSORTIUM is responsible for providing or entering test data (e.g., data for training, testing interfaces, etc.)

7.5 Facilities

- The CONSORTIUM will provide dedicated space for Tyler staff to work with CONSORTIUM resources for both on-site and remote sessions. If Phases overlap, CONSORTIUM will provide multiple training facilities to allow for independent sessions scheduling without conflict.
- The CONSORTIUM will provide staff with a location to practice what they have learned without distraction.

7.6 IT Environment Assumptions

Client is responsible to maintain local area network and associated workstations and peripherals. Tyler recommends a 100 Mbps/1 Gbps Ethernet network for the local area network. Wide area network requirements vary based on system configuration.

Client is responsible to maintain business class high-speed internet and provide sufficient bandwidth and throughput to support existing internet traffic and additional traffic generated by the Tyler deployment. Tyler will provide further consultation for this environment upon request.

Does not include servers, workstations, or any required third-party hardware or software unless specified in this Investment Summary.

Enterprise Public Safety product requires Microsoft Excel or Windows Search 4.0 for document searching functionality; Microsoft Word is required on the application server for report formatting.

GIS Data. The Client at a minimum will be required to provide an accurate street centerline layer and the appropriate polygon layers needed for Unit Recommendations and Run Cards in an industry standard Esri file format (Personal Geodatabase, File Geodatabase, Shape Files). Client is responsible for having clearly defined boundaries for Police Beats, EMS Districts and Fire Quadrants. If necessary, Tyler will assist Client in creating the necessary polygon layers. Tyler is not responsible for the accuracy of, or any ongoing maintenance of the GIS data used within the Licensed Enterprise Public Safety Software. Client is responsible for maintaining GIS data using Esri ArcGIS Desktop/Pro software, pushing source GIS data updates to the Tyler software, any ongoing annual maintenance on third-party products and is advised to contact the thirdparty vendor to ensure understanding of and compliance with all maintenance requirements. All maintenance, training and ongoing support of this product will be contracted with and conducted by Esri.

Maintenance for Esri's ArcGIS products that are used for maintaining Client's GIS data will be contracted by Client separately with Esri.

When State/NCIC is included, Client is responsible for obtaining the necessary State approval and any non-Tyler hardware and software. Includes state specific standard forms developed by Tyler.

8. Glossary

Word or Term	Definition
Acceptance	Confirming that the output or deliverable is suitable and conforms to the agreed upon criteria.
Accountable	The one who ultimately ensures a task or deliverable is completed; the one who ensures the prerequisites of the task are met and who delegates the work to those responsible. [Also see RACI]
Application	A computer program designed to perform a group of coordinated functions, tasks, or activities for the benefit of the user.
Application Programming Interface (API)	A defined set of tools/methods to pass data to and received data from Tyler software products
Agreement	This executed legal contract that defines the products and services to be implemented or performed.
Business Process	The practices, policy, procedure, guidelines, or functionality that the client uses to complete a specific job function.
Business Requirements Document	A specification document used to describe Client requirements for contracted software modifications.
Change Request	A form used as part of the Change Control process whereby changes in the scope of work, timeline, resources, and/or budget are documented and agreed upon by participating parties.
Change Management	Guides how we prepare, equip and support individuals to successfully adopt change in order to drive organizational success & outcomes
Code Mapping [where applicable]	An activity that occurs during the data conversion process whereby users equate data (field level) values from the old system to the values available in the new system. These may be one to one or many to one. Example: Old System [Field = eye color] [values = BL, Blu, Blue] maps to New Tyler System [Field = Eye Color] [value = Blue].
Consulted	Those whose opinions are sought, typically subject matter experts, and with whom there is two-way communication. [Also see RACI]
Control Point	This activity occurs at the end of each stage and serves as a formal and intentional opportunity to review stage deliverables and required acceptance criteria for the stage have been met.
Data Mapping [where applicable]	The activity determining and documenting where data from the legacy system will be placed in the new system; this typically involves prior data analysis to understand how the data is currently used in the legacy system and how it will be used in the new system.
Deliverable	A verifiable document or service produced as part of the Project, as defined in the work packages.
Go-Live	The point in time when the Client is using the Tyler

	software to conduct daily operations in Production.
Informed	Those who are kept up-to-date on progress, often only on completion of the task or deliverable, and with whom there is just one-way communication. [Also see RACI]
Infrastructure	The composite hardware, network resources and services required for the existence, operation, and management of the Tyler software.
Interface	A connection to and potential exchange of data with an external system or application. Interfaces may be one way, with data leaving the Tyler system to another system or data entering Tyler from another system, or they may be bi-directional with data both leaving and entering Tyler and another system.
Integration	A standard exchange or sharing of common data within the Tyler system or between Tyler applications
Legacy System	The software from which a client is converting.
Modification	Custom enhancement of Tyler's existing software to provide features or functions to meet individual client requirements documented within the scope of the Agreement.
On-site	Indicates the work location is at one or more of the client's physical office or work environments.
Organizational Change	The process of changing an organization's strategies, processes, procedures, technologies, and culture, as well as the effect of such changes on the organization.
Output	A product, result or service generated by a process.
Peripheral devices	An auxiliary device that connects to and works with the computer in some way. Some examples: scanner, digital camera, printer.
Phase	A portion of the Project in which specific set of related applications are typically implemented. Phases each have an independent start, Go-Live and closure dates but use the same Implementation Plans as other Phases of the Project. Phases may overlap or be sequential and may have different Tyler resources assigned.
Project	The delivery of the software and services per the agreement and the Statement of Work. A Project may be broken down into multiple Phases.
RACI	A matrix describing the level of participation by various roles in completing tasks or Deliverables for a Project or process. Individuals or groups are assigned one and only one of the following roles for a given task: Responsible (R), Accountable (A), Consulted (C), or Informed (I).

Remote	Indicates the work location is at one or more of Tyler's physical offices or work environments.
Responsible	Those who ensure a task is completed, either by themselves or delegating to another resource. [Also see RACI]
Scope	Products and services that are included in the Agreement.
Solution	The implementation of the contracted software product(s) resulting in the connected system allowing users to meet Project goals and gain anticipated efficiencies.
Stage	The top-level components of the WBS. Each Stage is repeated for individual Phases of the Project.
Standard	Software functionality that is included in the base software (off-the-shelf) package; is not customized or modified.
Statement of Work (SOW)	Document which will provide supporting detail to the Agreement defining Project-specific activities, services, and Deliverables.
System	The collective group of software and hardware that is used by the organization to conduct business.
Test Scripts	The steps or sequence of steps that will be used to validate or confirm a piece of functionality, configuration, enhancement, or Use Case Scenario.
Training Plan	Document(s) that indicate how and when users of the system will be trained relevant to their role in the implementation or use of the system.
Validation (or to validate)	The process of testing and approving that a specific Deliverable, process, program, or product is working as expected.
Work Breakdown Structure (WBS)	A hierarchical representation of a Project or Phase broken down into smaller, more manageable components.
Work Package	A group of related tasks within a project.

Part 4: Appendices

9. Conversion

9.1 Enterprise Public Safety Data Archive Appendix

Conversion assistance will be provided to help convert the data files specified in the Investment Summary. If additional files are identified after contract execution, estimates will be provided to the CONSORTIUM prior to Tyler beginning work on those newly identified files.

9.1.1 General

1. A Data Conversion Assessment to verify the scope of the conversion project will be conducted. A Data Conversion Plan will be generated based on this assessment. ~~A revised cost estimate for the data conversion may be provided at the conclusion of the assessment. The CONSORTIUM may elect to cancel or proceed with the conversion effort based on the revised estimate.~~

2. No data cleansing, consolidation of records, or editing of data will be part of the data conversion effort. Any data cleansing, removal of duplicate records, or editing must take place by the CONSORTIUM prior to providing the data to Tyler.

9.1.2 Tyler Technologies Responsibilities

1. Tyler will create and provide the CONSORTIUM with a Data Conversion Plan for signoff prior to beginning development work on the data conversion. No conversion programming by Tyler will commence until this document is approved.

2. Tyler will provide the data conversion programs to load the CONSORTIUM data to the Tyler Data Archive for the specified files that contain 500 or more records.

3. As provided in the approved Data Conversion Plan, a schedule of on-site trips to the CONSORTIUM location in order to conduct the following:

    a. Data Conversion Plan, and

    b. Assistance for Testing and Training

    c. * The CONSORTIUM will be responsible for travel expenses as set forth in the Payment Terms.

4. Tyler will provide the CONSORTIUM up to five (5) test iterations of converted data. One test iteration consists of:

    a. Loading of data into the Data Archive

    b. The CONSORTIUM reviews test and responds in writing to Tyler issues revealed during testing and confirmation of known issues resolved

    c. Tyler corrects or otherwise respond to issues discovered and reported by the CONSORTIUM,

d. Tyler will conduct internal testing to verify corrections, and

e. Both parties planning for the next test iteration and/or the live implementation

5. Tyler will provide warranty coverage for any conversion—procedure-related issue reported by the CONSORTIUM to Tyler within thirty (30) days after the conversion is run in the live database.

9.1.3 CONSORTIUM Responsibilities

3. The CONSORTIUM will extract data from the legacy system to submit to Tyler. Data will be submitted to Tyler in one or more of the following formats:

   a. AS/400 files (SAV files),

   b. Microsoft SQL Server database,

   c. Microsoft Access database,

   d. Microsoft Excel spreadsheet,

   e. An ASCII—format delimited text file (including embedded column headings and text delimiters), or

   f. An ASCII-format fixed-width file (along with structured column definitions in an electronic format suitable for parsing, such as a spreadsheet or document table).

   Data may be delivered using any common media or data-delivery format such as 1/4—inch tape (AS400), Ultrium 1 Tape (AS/400), CD, DVD, USB device, hard drive, or FTP server.
   In the event that the CONSORTIUM requests data extraction assistance from Tyler, data extraction services shall be billed at then-current rates, according to the Agreement.

4. The CONSORTIUM will respond to each test iteration in writing, on a form provided by Tyler, either:

   a. Indicating acceptance that the Data Conversion Process is ready for the final conversion, or

   b. Indicating a list of changes that need to be applied to the Data Conversion Process for the next test iteration.

   Up to five (5) test iterations are provided as part of the Data Conversion Process. After the fifth (5th) test iteration, the CONSORTIUM shall pay our then-current flat fee for each additional test iteration. The CONSORTIUM will promptly review each test iteration once delivered. Prompt review by the CONSORTIUM will reduce the likelihood that a need for additional test iteration(s) may arise due to an extended delay between delivery of a test iteration and its review.

5. A data dictionary (data descriptors) containing all data elements must be provided to Tyler for each file submitted with the media.

6. As provided in the Data Conversion Plan, the CONSORTIUM will provide a dedicated resource in each application area to focus on conversion testing. This includes dedicating a support person(s) whenever our staff is on site regarding conversions. Roughly a one-to-one ratio exists for the CONSORTIUM's commitment and Tyler's commitment. Understanding that thorough and timely testing of the converted data by the CONSORTIUM personnel is a key part of a successful data conversion.

The CONSORTIUM agrees to promptly review and signoff on both the Data Conversion Plan, and on the final conversions after appropriate review.

9.1.4 Scope of Data Migration

9.1.5 Data to be imported into Tyler Enterprise Public-Safety production database:

- **Premise/location alerts** in CAD. Officer safety items such as Knox Box, Know Offenders, dangerous dog, etc.
- **Active Warrants** and creation of associated master name records.
- **On-hand property & evidence.**

9.1.6 Data to be migrated to the cloud-based data archive:

- Master Names
- Master Vehicles
- Master Property
- Arrests
- Field Contacts
- CAD Calls For Service, All data in OSSI
- CASES (roles: victim, witness, Suspect)
- Impound/Tow
- Misc. Receipts
- Sex Offenders
- Equipment

Data archive notes:

Data archive will allow for up to 20 modules from the customer's source database.

Case records stored in the Data Archive has a security feature to restrict access by defined Groups. This feature is referred to as 'Sealing'. This is used to protect sensitive cases such as Internal Affairs or Juvenile cases. Client must manually assign cases to the restricted 'Sealed' category and assign privileges by group.

10. Additional Appendices

10.1 Enforcement Mobile Appendix

10.1.1 Items included in Project

RMS - Enterprise Public Safety
Device Level - Enterprise Public Safety
TXDOT - State of Texas

10.1.2 Enforcement Mobile Key Project Assumptions

- The CONSORTIUM and Tyler shall review their responsibilities before work begins to ensure that Services can be satisfactorily completed.
- The CONSORTIUM will provide Tyler with access to its equipment, systems, and personnel to the extent needed to complete the defined Services.
- The CONSORTIUM will provide work space for Tyler Services for work completed on CONSORTIUM premises.
- Tyler shall initially implement the most current version of the Tyler software at the time of the contract signing. During the implementation, Tyler will provide newer releases of the software that meet or exceed the version available at contract signing.
- The CONSORTIUM will maintain primary responsibility for the scheduling of CONSORTIUM employees and facilities in support of project activities.
- The CONSORTIUM shall provide Tyler with network access for remote installation and testing through industry standards such as Virtual Private Network (VPN) or other secure access methods.
- The CONSORTIUM will allow users unauthenticated access the following web addresses to ensure adequate access to system resources:
    - 72.32.135.120 (syncsvc.Enforcement Mobiletech.com) (ports 80 and 443)
    - 72.32.135.125 (syncsvc2.Enforcement Mobiletech.com) (ports 80 and 443)
    - 98.129.131.213 (Reports2014.Enforcement Mobiletech.com) (ports 80 and 443)
    - 72.32.135.124 (www.Enforcement Mobiletech.com) (ports 80 and 443)
    - 72.32.135.122 (my.Enforcement Mobiletech.com) (ports 80 and 443)
    - 207.182.213.55 (Enforcement Mobilesupport.tylertech.com) (ports 80 and 443)
- The CONSORTIUM will provide/purchase/acquire the appropriate hardware, software and infrastructure assets to support all purchased Tyler software products in both support/testing and production environments.
- The CONSORTIUM is responsible for proper site preparation, hardware, software, and network configuration in accordance with Tyler specifications.
- The CONSORTIUM has, or will provide, access licenses and documentation of existing system to any 3rd party system software which Tyler will be required to read, write or exchange data.
- The CONSORTIUM has, or will provide, a development/testing environment for data conversion and interface testing as they are developed by Tyler.
- Tyler shall be responsible for implementing a functioning version of the application software (assuming the CONSORTIUM has installed the proper hardware, software, and networking devices).
- All deliverables and timelines assigned to the CONSORTIUM will be held to the same standards of delivery as those assigned to Tyler Technologies.
- Installation of Hardware required in County Vehicles shall be completed by the participating agencies Personnel and facilities. They may decide to purchase mounts on their own or opt to purchase from Tyler.

- The CONSORTIUM will deploy initially on 0 MDT's and 0 PDA.
- Deployment of the Tyler Enforcement Mobile ECS for the CONSORTIUM will utilize the existing Tyler hosted server environment.
- All CONSORTIUM personnel involved in the Project will participate fully in the training provided by Tyler Technologies.
- Setup of 3rd party hardware (printers) will be handled by the participating agency staff and Tyler will provide the initial documentation/training. (If necessary)
- If an Interface to any CMS / RMS / Device systems are included in this Phase of the project, it should be reflected in the contract, and will include the synchronization of tables/files.

10.1.3 Out of Scope

- **Custom interfaces.** Custom interfaces involve the development of a standard, repeatable process for transferring information into or out of the Tyler software. These interfaces may take the form of a user-initiated import/export program, an API, or a web service. There are no custom interfaces included in the scope of the agreement unless detailed in the included Investment Summary.
- **Custom reports.** Custom reports involve the development of new reports that are not offered as part of the standard reporting package and modifications to existing reports. There are no custom reports included in the scope of the agreement unless detailed in the Investment Summary.
- **Undocumented requirements.** Undocumented requirements include requirements not specified in this Statement of Work and associated attachments.
- **Post System Acknowledgement Configuration**. System Acknowledgement requirements are met at the completion of End User Training and User Acceptance Testing stage. Any changes requested of the Tyler implementation team to alter the configuration, post acknowledgement of these milestones, must be documented through a Change Order and may incur additional time and/or costs. The CONSORTIUM may have access to built-in configuration tools, so, when available, is free to reconfigure or create a new configuration as required or desired. If assistance using these tools is required, additional change orders may apply.

10.2 Custom Interfaces – Enterprise Public Safety

Custom Interface services will be provided as listed in the Investment Summary of the Agreement between Tyler and Client. Custom Interfaces will be developed and delivered as described in work packages 6.2.4 Modification Analysis and 6.3.5 Modification Delivery. While Tyler will provide reasonable consultation, Client is responsible for obtaining technical contacts and/or technical specifications from the third parties involved.

The Custom Interfaces included in the Investment Summary and in the Interface Control Document(s) (ICD) listed below.

10.2.1 Interface Control Documents (ICDs)

Interface Control Document (ICD)

SWRCC

Interface	**Motorola Radio Location Interface**
Direction	Import
Third Party	Motorola ATAI & IMW API
Record Type	GPS Data
Detailed Description	Tyler Technologies will provide an interface that will import handheld radio locations from GPS-enabled radios on a Motorola P25 radio system for display on the map in Tyler Public Safety Enterprise CAD. The interface can also receive push-to-talk and emergency button presses and display that information in the event viewer. The Customer will be responsible for providing any 3rd party licensing/API/SDK information required for the interface. If 3rd party support is required during the development and implementation process, the customer will provide any support contract required. The push-to-talk and emergency button press functionality requires the Motorola ATAI API. The radio location functionality requires the Motorola IMW API The update time for the radio location is determined by the update time of the Motorola system and may be limited by the available bandwidth of the radio network.
Assumptions	1. The third-party will provide a documented API that will allow access to required data via a file transfer, web service, or TCP/IP. 2. Tyler Technologies will not be responsible for making any modification in the 3rd party software to support this interface. 3. The third-party will work with Tyler Technologies and the customer to test the interface.

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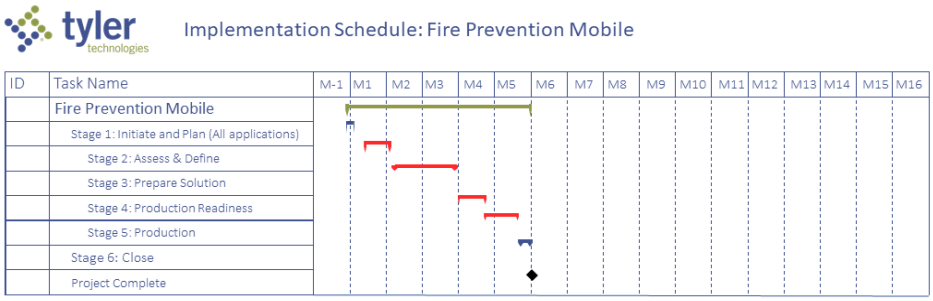
Exhibit D

11. Project Timeline

11.1 Fire Prevention Mobile Timeline



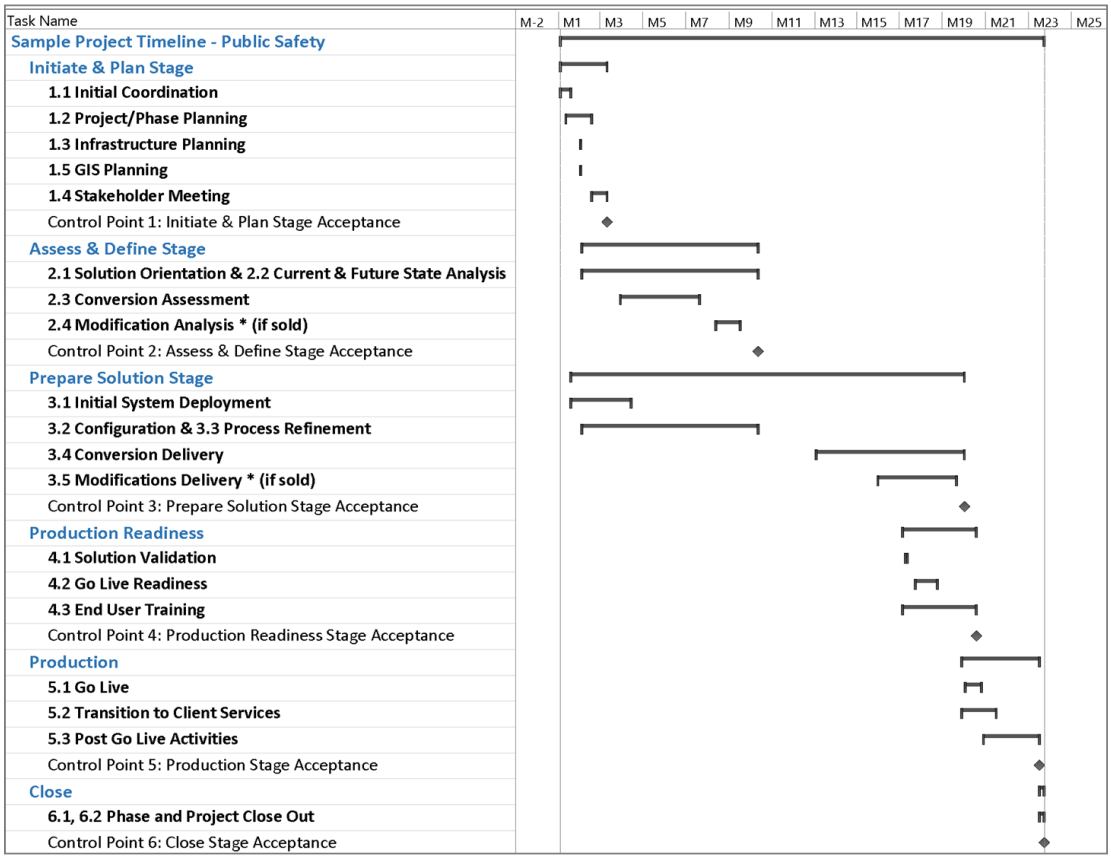
example

This timeline is an example. Please use it as a general guide...ONLY. Its purpose is to demonstrate the order in which various products are typically implemented and the potential overlap of stages for each phase. The exact timing of each deliverable depends on many factors including, but not limited to, the client's ability to commit resources to the project, client blackout dates, and the alignment of client business practices with Tyler implementation methodology. Tyler makes no guarantees that implementation schedules will align with this example.

Exhibit D

11.2 Enterprise Public Safety Project Timeline

11.2.1 Conceptual Project Schedule



The dates or timing included in this sample are for illustrative purposes only. A more precise schedule and WBS with the appropriate tasks and schedule will be determined during the Initiate & Plan stage. The availability of CONSORTIUM resources to perform tasks, final determination of the overall task list, CONSORTIUM schedule constraints and the actual project start date must be determined.

11.3 Intentionally left blank.

Exhibit E

Exhibit E
Carbyne Pass-Through Terms

1. Customer will: (i) use the Products, ECaaS and Documentation only up to the specified number of licenses for its internal business purposes; (ii) use the Products, ECaaS and Documentation in compliance with all applicable laws and regulations;
(iii) be responsible for its Authorized Users' use of the Products, ECaaS and Documentation as permitted in these Pass-Through Terms and for its Authorized Users' unauthorized use of the Products, ECaaS and Documentation or their breach of these Pass- Through Terms.

2. We or our licensors retain all rights, title and interest, including intellectual property rights, in and to the Products, ECaaS and Documentation and any related services (including Professional Services), including specifications, materials and user manuals provided by us. Customer shall not: (i) attempt to hack, reverse engineer, decompile, or disassemble the Products, ECaaS or any part of the Products or ECaaS for any purpose; (ii) represent that it possesses any proprietary interest in the Products or ECaaS; (iii) directly or indirectly take any action to contest our Intellectual Property Rights or infringe them in any way; (iv) copy any features, functions or graphics of the Products or ECaaS or use it to build a competitive product or service.

3. Customer shall not use the Products or ECaaS: (i) for any illegal or fraudulent activity; (ii) to violate the rights of others; (iii) to threaten, incite, promote or actively encourage violence, terrorism or other serious harm; (iv) for any content or activity that promotes child sexual exploitation or abuse; (v) to violate the security, integrity or availability of any user, network, computer or communications system, software application, or network or computing device; (vi) to distribute, publish, send or facilitate the sending of unsolicited mass email or other messages, promotions, advertising or solicitations (or "spam").

4. As part of Customer's use of the Products and ECaaS, including support services, Customer may receive access to applications, materials, services, data and information which are provided by a third party and is made available to Customer through use of the Products or ECaaS ("Third Party Content"). Customer is responsible for compliance, including compliance by its Authorized Users, with any terms which apply to Third Party Content. Customer acknowledges we make any Third Party Content available "AS IS" without support (unless otherwise specified), representations or warranties of any kind. We may suspend or terminate provision or availability of any Third Party Content at any time without any liability, and such suspension or termination will not be deemed a breach of the Customer Agreement.

5. Customer retains all right, title and interest, including intellectual property rights, in and to Customer Data. Customer grants us a license to use, reproduce, transmit and analyze Customer Data, solely as required to provide ECaaS and the Products to Customer (including performance of operations by ECaaS and the Products in accordance with Documentation and this Customer Agreement), and to provide support services and professional services (as set forth in a statement of work), if applicable. Customer

acknowledges it is responsible for its compliance with any applicable data retention laws. Customer is solely responsible for the retention of Customer Data for any applicable retention periods and for the purposes of any subsequent data requests. “Customer Data” means data (including personal data of callers), records, reports, recordings and files Customer or its Authorized Users submits to or receives from ECaaS, including the content of any message, video, or chat (as applicable) sent or received using ECaaS, or which are otherwise generated by Customer or its Authorized Users through access or use of ECaaS. Customer Data includes log information from Customer’s use of ECaaS, such as such log data which is stored in Events History.

6. We may create anonymized and aggregated statistical data from Customer’s usage of the Products and ECaaS, which does not include Customer’s personal data. We may use such anonymized and aggregated data for our own purposes, such as to develop and improve our products and services, to develop new services or products and to identify usage trends.

7. We shall have no liability for any and all claims, penalties, demands, losses, costs, expenses, obligations, liabilities and damages of whatever nature and kind, arising from or in connection with: (i) any acts or omissions, negligence, willful misrepresentation or fraud of Customer or any of its employees, agents, officers or directors arising out of or in connection with the Products and/or ECaaS; (ii) any breach of Customer's representations, warranties and undertakings; or (iii) any third party claim, investigation or proceeding arising out of or related to Customer's use of the Products, ECaaS or any software, product or service offered by us in connection with ECaaS.

Exhibit F

Exhibit F
Tyler's RFP Proposal Response Documentation

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STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Council to receive a briefing on an Automated Metering Infrastructure proposal by Performance Services.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

STAFF RESPONSIBLE:
Douglas Finch, City Manager
Jenna Shadowitz, Performance Services

BACKGROUND/HISTORY:
Council to receive a briefing on an Automated Metering Infrastructure proposal by Performance Services.

POLICY EXPLANATION:
Council to receive a briefing on an Automated Metering Infrastructure proposal by Performance Services.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	Purchase Amount	After Encumber
N/A	N/A	N/A

ACTION ALTERNATIVES:
1. No action required.

ATTACHMENTS:
6.4 City of Duncanville- IGA Summary

Performance
Services

Smart Water Meter (AMI) Project
IGA Summary

City of Duncanville
June 4, 2024

PSI Overview

- ✓ Established in 1998
- ✓ **Guaranteed** Energy Savings Contracts and Design-Build Public Sector Projects
- ✓ 220+ Employees
- ✓ Vendor Neutral with Open Book Pricing
- ✓ 600+ projects ($2B+) completed
- ✓ 145+ Energy Star® certified buildings

NAESCO ACCREDITED ENERGY SERVICE COMPANY

ENERGY STAR PARTNER

Duncanville City of Champions

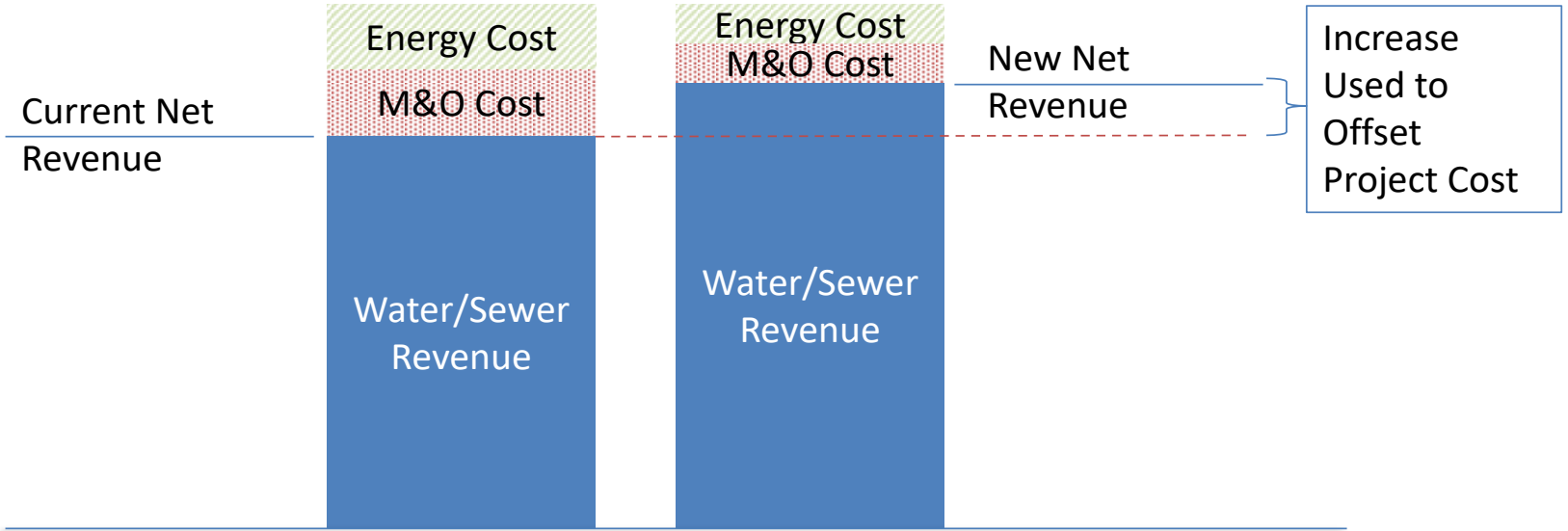
ESPC Definition

Title 9, Local Government Code §302

Energy Savings Performance Contracting (ESPC) is a self-funding energy & sustainability approach that delivers **guaranteed savings projects** under one contract with a single point of responsibility for engineering design and construction services.

City ESPCs may included both facility improvements that decrease operations and maintenance cost and AMI conversions that increase water revenue.

Positive Cash Flow



Project Scope

Project Scope	Benefits
UCRM 1 - Water Meter AMI • Modernize infrastructure by converting existing meters to solid-state meters to increase water revenue and reduce operational costs.	❖ Recover lost water/sewer revenue due to meter inaccuracies ❖ Decrease the number of customer service calls ❖ Efficient methodology to address customer service billing disputes ❖ Efficient scheduling and tracking of needed maintenance and testing ❖ Providing a way to validate conservation efforts ❖ Proactive approach to dealing with leaks ❖ Increasing meter reading efficiency

Water Meter AMI – Scope of Work

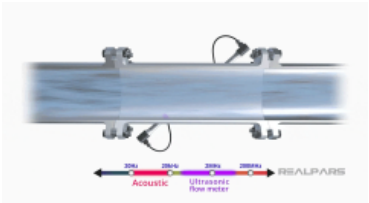
Meters	Quantity
5/8"x3/4"	11,196
1"	1327
1.5"	194
2"	376
3"	60
4"	23
TOTAL	**13,176**

Base Scope Includes

- Turnkey replacement of **13,176** existing mechanical meters with new ultrasonic meters.
- Replacement of up to **1,000** meter boxes (includes matching composite lid)
- Replacement of remaining **12,150** lids (for damaged existing lids)
- No Change Orders for stipulated quantities

PD Meter

Ultrasonic Meter



Boxes & Lids

Typical Existing Polymer Box & Lid

Typical Existing Concrete Box & Cast Iron Lid

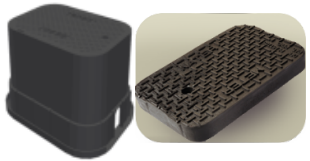
Duncanville
City of Champions

Meter Testing & Savings Results

Water Meter Size	Baseline Water to Meters @ 100% Accuracy (gal/yr)*	Measured Meter Accuracy	Baseline Billed Water per Mtr Size (gal/yr)	New Meter Accuracy	Future Water Measured w/ New Meters (gal)	Annual Billed Water Increase (gal)	Annual Billed Water Increase ($)
5/8" x 3/4" Meters	722,265,896	95.1%	686,626,750	98.5%	711,431,908	24,805,158	$295,406
1" Meters	229,051,542	95.2%	217,959,750	98.5%	225,615,769	7,656,019	$91,176
1.5" Meters	71,798,215	83.8%	60,188,500	98.5%	70,721,241	10,532,741	$125,435
2" Meters	227,780,702	84.4%	192,136,000	98.5%	224,363,992	32,227,992	$383,805
3" Meters	69,174,798	88.6%	61,320,000	98.5%	68,137,176	6,817,176	$81,186
4" Meters	42,796,587	98.1%	41,975,000	98.5%	42,154,639	179,639	$2,139
Totals	1,362,867,741	90.9%	1,260,206,000		1,342,424,725	**82,218,725**	**$979,147**

Duncanville
City of Champions

Water Meter AMI - Project Financials



Total Project Cost: $10,500,000

Annual Recovered Water/Sewer Gallons: 82,218,725

Annual Recovered Water/Sewer Revenue: $979,147

Annual O&M Savings: $90,123 (across 20 years)

Annual Costs: $75,035

MASTER METER

EPA United States Environmental Protection Agency

Duncanville
City of Champions

City of Duncanville – Project Cashflow

Project Costs	
Total Project Expense	**$10,500,000**
Annual Savings	$1,279,658
Annual Payment	$859,847
Surplus Cumulative Savings	$7,000,000

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Receive a presentation from the Duncanville Police Department on revising Chapter Four—Animals and Fowl City Ordinance to comply with state legislation changes and best practices.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Emphasize: Government Accountability, Customer Service, Efficiency and Process Improvement**
  - **Develop a high performing organization that encourages innovation, transparency, and collaboration while delivering exceptional customer service.**

STAFF RESPONSIBLE:
Matt Stogner, Interim Chief of Police
Adrian Tijerina, Sergeant

BACKGROUND/HISTORY:
The Police Department received a permit application for goats, which the Chief of Police denied on December 20, 2022, due to not receiving the required signatures. On February 7, 2023, the denial was appealed to the City Council and tabled until after the upcoming election.

The Police Department began revising the ordinance to comply with legislation changes and best practices and to remove the City Council from the appeal process.

POLICY EXPLANATION:
Updated sections to reflect legislation changes and best practices from other Cities within the Metroplex, added definitions to better explain the intent of the ordinance and simple grammatical errors.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	**Purchase Amount**	**After Encumber**

$0.00	$0.00	$0.00

ACTION ALTERNATIVES:
N/A

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Update City Council on Independence Day Celebration

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Advance: Marketing Strategy of the City and Community Engagement Plan**
  - **Strengthen communication and engagement within the community while championing the City of Duncanville regionally, nationally, and internationally.**
- **Re-Imagine: High Quality of Life**
  - **Develop, maintain, and encourage safe, attractive, viable family-oriented neighborhoods that embrace diversity and pride, promoting economic vitality.**

STAFF RESPONSIBLE:
Angela Owens, City Events Planner

BACKGROUND/HISTORY:
BACKGROUND/HISTORY:
TheCityofDuncanvillehostsanIndependenceDayCelebrationannually.Traditionally,thishas been a one-day event in partnership with the Duncanville Lions Club. During the joint meeting between the City Council and the Parks and Recreation Committee, the Council expressed interest in expandingourevents tomulti-daysignature eventstodraw to the city.This year, we propose expansion the Independence Day Celebration to include a two-day BBQ competition sanctioned by Champion Barbecue Alliance.

EVENTSPECIFICS:
Generaladmissionwillbefree;wristbandswillbeavailableattheRecreationCenterbeginning June 5.

ThecelebrationwillbeginwithourannualDuncanvilleLionsClub4thofJulyparade.Golfcarts will be provided and decorated by the Parks and Recreation Center. The celebration will continue that evening with a free concert by Extended Play and Roses and Revolutions, ending with a spectacular firework show by Pyrotechnico.

Friday,thecelebrationexpandstotheinauguralRed,White,andBBQCook-Off,sanctionedby Champion Barbecue Alliance, a Texas-based organization. The cooks will be sectioned off on thenorthsideofArmstrongParkinthewestparkinglotandextendeddownJamesCollinsBlvd. if needed. A Jackpot Cookoff will featuresteak that night while Roses and Revolutionsperform their sold-out Cruel Summer—Taylor Swift Eras Tribute.

TheeventwrapsuponSaturdaywiththejudgingofthe4-meatcook-offandthePeople'sChoice Award, and multiple bands, including Downtown Fever, an Emerald City Management team member, entertain participants.

The event area will be fenced completely, and volunteers and police will monitor all entryways. This is a requirement for TABC; alcohol will not be permitted to leave the fenced area. Patrons will be required to wear a wristband indicating they have provided proof of age to consume.

The Recreation Center will serve as the event organizers' command center and the barbeque judges' tasting area. In accordance with section 12B-4, Ord. No. 832, the cookers will camp overnight in the park.

PUBLICSAFETY

- On the recommendation of the Duncanville Police Department, it has been recommended that alcohol be limited to July 5 and 6.
- Vendors who sell alcohol
    - Must produce proper TABC licensing and insurance prior to the event and will be required to have their license displayed during the entire event.
    - The area with alcohol sales will be sectioned off and accessible only to adults.
- The westbound lane of James Collins will be provided as an emergency responders entrance. Evacuation shelters will be established at the Recreation Center, Annex, Senior Center, and City Hall should it be necessary to move patrons indoors for emergency purposes.
- The public will be asked to bring clear bags this year; coolers are allowed but will be subject to search along with any non-clear bag.

STREETS/PARKINGLOTS

- July 4
    - The streets that will be affected will be James Collins Blvd., Main St. E. Wheatland Rd., E.FreemanSt.E.CenterSt.
    - The parking lots that will be affected will be Rec Parking, Senior Center Parking, Splash Pad Parking
- July, 5
    - The streets that will be affected will be James Collins Blvd.
    - The parking lots that will be affected during the day:
        - Rec parking, West Side Senior Center parking
    - The parking lots that will be affected during the evening after 5 PM
        - Rec parking, West Side Senior Center parking, City Hall parking
- July, 6
    - The streets that will be affected will be James Collins Blvd.
    - The parking lots that will be affected all day:
        - Rec parking, West Side Senior Center parking, City Hall parking

ACTIONITEMS:

- At the June 18th meeting, staff will request a Special Events waiver from July 5 – 6 to allow the sale and consumption of alcoholic beverages on city property inside the fenced area (Sec. 12-205).

Approvewaivingtheordinancethatwillallowthesaleandconsumptionofthesebeverages within the distance of schools and churches. (Sec. 12-201

POLICY EXPLANATION:
N/A

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	Purchase Amount	After Encumber
$0.00	$0.00	$0.00

ACTION ALTERNATIVES:
N/A

ATTACHMENTS:
Attachments

TENTATIVE RUN OF SHOW

THURSDAY, JULY 4

7:00 AM	ROAD CLOSURES BEGIN
8:00 AM	PARADE LINEUP BEGINS
9:00 AM	DUNCANVILLE LION'S CLUB INDEPENDENCE DAY PARADE STEP OFF
11:30 AM	ROAD OPENINGS COMPLETE
2:00 PM	DOORS OPEN
5:00 PM	WELCOMING BY CITY COUNCIL
5:30 PM	ROSES AND REVLOUTIONS
7:30 AM	BREAK
8:00 PM	EXTENDED PLAY
9:30 PM	FIREWORKS

FRIDAY, JULY 5

8:00 AM	FENCE MOVING
10:00 AM	BBQ CONTEST CHECK-IN
6:00 PM	EVENT BEGINS
7:00 PM	WELCOME AND ANNOUCEMENTS
8:00 PM	ROSES AND REVLOUTIONS

SATURDAY, JULY 6

10:00 AM	DOORS OPEN, AMERICAN NINJA MOBILE OPENS
11:00 AM	PEOPLE'S CHOICE BEGINS
12:00 PM	JUDGING BEGINS
	CHICKEN PORK RIBS, PORK, PORK, BRISKET
2:00 PM	LENNIE NANCE
4:00 PM	EXTENDED PLAY
5:30 PM	WELCOMING BY CITY COUNCIL
6:15 PM	SAVED BY THE 90S
7:45 PM	BREAK
8:00 PM	WINNERS ANNOUNCED
8:30 PM	DOWNTOWN FEVER
10:00 PM	END

BUDGET

UTILITY	33,320.00
ENTERTAINMENT	104,000.00
COMMUNITY ACTIVITIES	21,856.00
MARKETING	8,199.00
TOTAL	167,375.00

POLICIES

(a) Sec. 12-201. - Distance to church, school, hospital.

a. The sale of alcoholic beverages is prohibited at any location in the city that is within:
    1. A residential zoning district or an identified portion of a planned development district restricted to residential uses except as may otherwise be allowed by the comprehensive zoning ordinance or authorized per Subsection (e) of this section;
    2. Three hundred feet of any church, public or private school, or public hospital;
    3. One thousand feet of a public school if the city council by resolution approves a request from the board of trustees of a school district under V.T.C.A., Education Code § 38.007 or
    4. One thousand feet of a private school if the city council by resolution approves a request from the governing body of the private school.

    The sale of alcoholic beverages for a limited time at events hosted in accordance with a facility rental agreement at the Duncanville Fieldhouse or D.L. Hopkins Jr. Senior Center shall be an exception to the distance limitation provided herein.

(b) Sec. 12-205. - Sale of alcohol at special events.

a. An individual may obtain from the city council, upon application, a special event alcohol permit, allowing for the sale of beer or alcoholic beverages for a special event. Such permit may only be considered upon receipt of a completed application and a copy of a current permit from TABC authorizing the permittee to sell, dispense, or otherwise serve alcohol at the location. The application and TABC permit must be submitted for consideration in no later than the Thursday two weeks prior to the regularly scheduled city council meeting preceding the event. If the event is to be held within 300 feet of any church, public or private school, or public hospital, then prior to issuance of a permit, the individual must obtain a variance from the city council, in accordance with section 12- 201 (d). The permit shall be valid for the length of the event, not to exceed 14 consecutive days. (Ord. No. 1853R , § 1, 10-20-20)

About the Bands –

The Cruel Summer Tour: Roses and Revolutions

The Eras Tour by Taylor Swift is widely regarded as one of the most spectacular tours ever. To commemorate this achievement, the team at Roses & Revolutions is organizing a tribute concert in her honor. Attendees are encouraged to dress up as if they were going to the Eras Tour, bring friendship bracelets, and get ready to sing their hearts out. This amazing band will perform Taylor's music in a one-of-a-kind concert experience.

Examples

https://www.youtube.com/watch?v=OC5Hs9-Kag8

https://youtu.be/gj3Q2yjMsso?si=R40T2rwExSnyw7dk

https://youtu.be/3RXYxE3GdSA?si=cxV9-COtjXeKn80l

Extended Play

Extended Play is a versatile cover band that can cater to any occasion, from a high-energy, family-friendly event to a more intimate gathering. We have earned a reputation for delivering a wide range of musical styles with tasteful arrangements that will please all listeners.

The band can adapt to any size audience, ranging from 5 to 10 members. The most popular genres include Classic Rock and Top 40, but we are also known to perform Latin shows with our bilingual singers.

The band members are highly skilled and experienced professionals in the music industry. You can expect a flawless performance, with every note, harmony, and rhythm perfectly executed as you dance the night away.

Examples

https://youtu.be/w5dsJgqT4EA?si=st690C4QIqckNbI3

https://youtu.be/9IA4E02ODeM?si=mxL3QetWBjxDeH6l

https://youtu.be/hPRHYx-lHw0?si=TwzZAOQp193YJEGS

Saved by the 90’s

"Saved by the 90s" is a popular nationwide event that celebrates the music and culture of the 1990s. The event features a live 90s cover band that puts on an interactive party experience that will not disappoint.

This event takes place regularly at various locations across the United States, such as theaters and clubs. The live band is also available for private events, including weddings and corporate parties.

While many events may attempt to imitate "Saved by the 90s," they cannot match the quality and longevity of the original. You won't want to miss this ultimate live music 90s party. Join the party and get ready to be transported back in time to the iconic era of the 90s!

Examples

https://youtu.be/tlhsuFhhRe0?si=wXUDQcqdUJQXmXic

https://youtu.be/Zw8Er-3iajA?si=ljKFk0fEhxG0Qjyn

https://youtube.com/shorts/_jaBCUrwfYw?si=rOhflHXmga67fj81

Lennie Nance

The youngest of 4 brothers,

He was born into a family rich in music: Trombone, acoustic bass, congas and drums. Taking up piano at 8 years old and trumpet at 11, MUSIC has always given Linny's creativity and passion a way around cerebral palsy.

"I thrive on what differences bring."

Linny began his professional career with Little Joe Blue; Since then, he has shared the stage and/or studio with Universal Music recording artist Lucky Peterson, Yarborough and Peoples, James Ingram (on a Patti LaBelle tour), Grammy nominated Breggett Rideau, blues artist Tutu Jones, Shanachie Entertainment recording artist Pamela Williams,Concord Records Artist Ashleigh Smith, Rendezvous recording artist Tom Braxton, Bernard Wright, Bobby Sparks and a variety of other talented acts. Linny has played all over Europe, Japan, Canada, and the Caribbean: his performance credits include the Montreux Jazz Festival, the Jazzhaus, the Montreal Jazz festival...

Linny stays very busy. He likes it that way.

As a professional musician, Linny Nance works out of his Dallas studio, writing, composing and producing for R&B groups, jazz, rap and gospel artists.

Recently, Linny did showcased his talents in “The look of Love” & “Elixir”, albums of Shanachie Entertainment recording artist Saxtress Pamela Williams; also in “Darling Forever” JSP recording artist Tamara Peterson's first solo release.

Last but not least, Linny Nance leads his own band, Network.

Examples:

https://youtu.be/IBYdlZZAjNw?si=68CKGv_C23hvln9U

https://youtu.be/26wzbAHcWfU?si=u41Ry6h1aL-GxqG-

Community Activities

World of Sports

Obstacle Course

Saturday Special:

American Ninja Mobile Obstacle Course

https://youtu.be/ChP-n0GSh-8?si=VZs304pcFpDgOpEu

ABOUT CHAMPIONS BARBECUE ALLIANCE

“Champions Barbecue Alliance is an organization founded by barbecue cooks for barbecue cooks. Being cooks, we have heard what other cooks want from a sanctioning body, and we are working to be the best barbecue organization out there” (Champions Barbecue Alliance, 2024). CBA is a Texas-based alliance and has hosted 39 contests in 2024 across Texas

Official Website: https://www.cbabbq.com/index.cfm

Facebook: https://www.facebook.com/championsbarbecuealliance

Video of the Experience: https://www.facebook.com/championsbarbecuealliance/videos/2057110564647186

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
City Council shall convene into closed executive session pursuant to Section 551.074, of the Texas Government Code, Personnel, to deliberate the duties of the City Manager under the Home Rule Charter pursuant to Section 551.071 of the Texas Government Code; and to seek legal advice from the City Attorney on the same topic.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

STAFF RESPONSIBLE:
City Manager
Assistant City Manager
Ms. Portia Hogg, Interim CIO

BACKGROUND/HISTORY:
City Council shall convene into closed executive session pursuant to Section 551.074, of the Texas Government Code, Personnel, to deliberate the duties of the City Manager under the Home Rule Charter pursuant to Section 551.071 of the Texas Government Code; and to seek legal advice from the City Attorney and Special Legal Counsel on the same topic.

POLICY EXPLANATION:
City Council shall convene into closed executive session pursuant to Section 551.074, of the Texas Government Code, Personnel, to deliberate the duties of the City Manager under the Home Rule Charter pursuant to Section 551.071 of the Texas Government Code; and to seek legal advice from the City Attorney and Special Legal Counsel on the same topic.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	**Purchase Amount**	**After Encumber**
N/A	N/A	N/A

ACTION ALTERNATIVES:
1. Take any necessary action as a result of executive session.

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Proclamation in recognition of Juneteenth Day in Duncanville 2024.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Advance: Marketing Strategy of the City and Community Engagement Plan**
  - **Strengthen communication and engagement within the community while championing the City of Duncanville regionally, nationally, and internationally.**
- **Re-Imagine: High Quality of Life**
  - **Develop, maintain, and encourage safe, attractive, viable family-oriented neighborhoods that embrace diversity and pride, promoting economic vitality.**

STAFF RESPONSIBLE:
Bart Stevenson, Director of Parks and Recreation

BACKGROUND/HISTORY:
On June 19, 1865, Union soldiers led by Major General Gordon Granger arrived at Galveston, Texas to enforce President Lincoln's Emancipation Proclamation and declare freedom for all slaves. Each year thereafter, former Texas slaves and their descendants joined in a celebration of freedom on June 19th, and the day became known as "Juneteenth". On August 3, 2021, the Duncanville City Council approved a resolution establishing Juneteenth as a city-observed holiday.

POLICY EXPLANATION:
The annual Best Southwest Juneteenth Celebration will be held on Saturday, June 15, 2024, from 5:00 – 10:00 p.m. at Valley Ridge Park, 2850 Park Ridge Dr., Cedar Hill, TX 75104. We encourage all elected officials and citizens to join in the celebration.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	Purchase Amount	After Encumber
$0.00	$0.00	$0.00

ACTION ALTERNATIVES:
N/A

ATTACHMENTS:
Proclamation - Juneteenth 2024
Best Southwest Juneteenth Celebration 2024

OFFICE OF THE MAYOR

Duncanville
City of Champions

Proclamation

WHEREAS, on June 19, 1865, Union soldiers led by Major General Gordon Granger arrived at Galveston, Texas to enforce President Lincoln's Emancipation Proclamation and declare freedom for all slaves; and

WHEREAS, each year thereafter, former Texas slaves and their descendants joined in a celebration of freedom on June 19th, and the day became known as "Juneteenth"; and

WHEREAS, across our nation, Americans continue to celebrate Juneteenth, a day to reflect upon the sufferings of slavery and to remember the joyful declaration of freedom; and

WHEREAS, it is a time of rejoicing with family and friends and a time for planning the future; and

WHEREAS, the 2024 Best Southwest Juneteenth Celebration will be held Saturday, June 15, 2024, from 5:00 – 10:00 p.m. at Valley Ridge Park, 2850 Park Ridge Dr., Cedar Hill, TX 75104.

NOW, THEREFORE, I, Greg Contreras, Mayor of the City of Duncanville, Texas do hereby proclaim June 19, 2024, as

JUNETEENTH RECOGNITION DAY IN DUNCANVILLE

and urge all citizens to acknowledge the importance of this date in the history of the African American culture. This celebration acknowledges the history of an important part of American society and aids in unifying our city, and our nation as a whole.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the City of Duncanville, Texas to be affixed this 4th day of June, 2024.

Mayor, The City of Duncanville

CEDAR HILL
WHERE OPPORTUNITIES GROW NATURALLY
Lancaster
The Shining Star of Texas
Duncanville
City of Champions
BEST SOUTHWEST
JUNETEENTH
CELEBRATION
SATURDAY, JUNE 15, 2024 | 2850 Park Ridge Dr.
5:00 P.M. - 10:00 P.M. | Gates open at 4:00 P.M.
FAMILY FUN, FOOD, MUSIC
bestsouthwestjuneteenth.com

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Presentation of the Keep Duncanville Beautiful Summer 2024 Business Beautification Award Plaque and Proclamation to Chick-fil-A - Duncanville located at 300 W. Hwy 67.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Re-Imagine: High Quality of Life**
  - **Develop, maintain, and encourage safe, attractive, viable family-oriented neighborhoods that embrace diversity and pride, promoting economic vitality.**

STAFF RESPONSIBLE:
Tyler Agee, Assistant Director of Parks and Recreation/KDB Staff Liaison

BACKGROUND/HISTORY:
The Keep Duncanville Beautiful (KDB) Board members are charged with the responsibility of creating and implementing programs that will encourage beautification within Duncanville. The Business Beautification Award was designed to fulfill this goal for commercial property recognition. The KDB Board has nominated Chick-fil-A - Duncanville located at 300 W. Hwy 67 as the Summer 2024 Business Beautification Award recipient.

POLICY EXPLANATION:
Up to one commercial building in Duncanville is recognized each quarter for significant improvements to the exterior portion of a building, landscape improvements, and/or long-term maintenance of the commercial property that exemplifies high quality standards. Award recipients receive recognition at a regular City Council meeting, and a sign to display at their place of business for the month.

The Keep Duncanville Beautiful (KDB) Board nominates the Business Beautification Award. The property must be in good standing with the City's Planning and Neighborhood Services and Utility Billing Departments.

The KDB Board follows the criteria identified below:

- Property must be retail/professional office/commercial/industrial or other business use.
- Property must be located within the city limits of Duncanville, Texas.

- Significant exterior improvements and/or superior maintenance of the property must be made to the property, or the property is new construction.

Improvements can include new landscaping, repainting a building, paving a parking lot, adding awnings, new signage, etc.

FUNDING SOURCE:

ORG and Object Number
12011800-700230

Available Budget	**Purchase Amount**	**After Encumber**
$254.72	$75.00	$179.72

ACTION ALTERNATIVES:
N/A

ATTACHMENTS:
Attachment 1 - Chick-fil-A Duncanville
Proclamation - Keep Duncanville Beautiful Business Beautification Award

300

OFFICE OF THE MAYOR

Duncanville
City of Champions

Proclamation

WHEREAS, the City of Duncanville is committed to improving the physical quality of community life; and

WHEREAS, the *Keep Duncanville Beautiful Board* was established to promote this commitment; and

WHEREAS, the mission of the *Keep Duncanville Beautiful Board* is to empower Duncanville citizens and businesses to take responsibility for enhancing their community environment; and

WHEREAS, each quarter the *Keep Duncanville Beautiful Board* recognizes one commercial property within the City for significant improvements to the exterior portion of the property, landscape improvements, and/or long-term maintenance of the property that exemplifies high quality standards; and

WHEREAS, Chick-fil-A - Duncanville located at 300 W. Hwy 67 has been selected as the Business Beautification Award recipient for Summer 2024.

NOW, THEREFORE, I, Greg Contreras, Mayor of the City of Duncanville, Texas, do hereby urge all residents to join me in congratulating Chick-fil-A - Duncanville located at 300 W. Hwy 67 and commending this business for contributing to the beautification of our City.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the City of Duncanville, Texas to be affixed this 4th day of June, 2024.

Mayor, The City of Duncanville

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Recognition of Keep Duncanville Beautiful Summer 2024 Curb Appeal Residential Properties.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Re-Imagine: High Quality of Life**
  - **Develop, maintain, and encourage safe, attractive, viable family-oriented neighborhoods that embrace diversity and pride, promoting economic vitality.**

STAFF RESPONSIBLE:
Tyler Agee, Assistant Director of Parks and Recreation/KDB Staff Liaison

BACKGROUND/HISTORY:
The Keep Duncanville Beautiful (KDB) Board members are charged with the responsibility of creating and implementing programs that will encourage beautification within Duncanville. The Curb Appeal Program was designed to fulfill this goal for residential property recognition. The properties chosen for the Summer 2024 Curb Appeal Residential Properties include:

District 1: Maria Tobias
211 N. Royal Oak Dr.
Duncanville, TX 75116

District 2: Julisa Gomez
418 Swan Ridge Dr.
Duncanville, TX 75137

District 3: Ruth Walton
106 S. Alexander Ave.
Duncanville, TX 75116

District 4: John and Juanita Ramsden
1726 Sparta Dr.
Duncanville, TX 75137

District 5: Santiago Hernandez
511 Thrush Ave.
Duncanville, TX 75116

POLICY EXPLANATION:
One residential property for each of the five Council Districts in Duncanville is recognized each season for significant improvements to the exterior portion of the residence, landscape improvements, and/or long-term maintenance of the property that exemplifies high quality standards. Upon approval from the property owners, each recipient receives a sign placed in their yard for a period of one month as well as a bag of gardening gifts, and recognition at a regular City Council meeting.

A Keep Duncanville Beautiful (KDB) Board sub-committee selects the Curb Appeal properties for nomination – one property per sub-committee member.

The KDB Board follows the criteria identified below:

- Property must be located within the city limits of Duncanville, Texas
- Neatness
- Flowers not mandatory
- House in good condition
- Landscaping consistent with building
- Overall maintenance (i.e. paint, shrubs etc.)
- Subjective

No seasonal decorations are considered in the judging.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	**Purchase Amount**	**After Encumber**
N/A	N/A	N/A

ACTION ALTERNATIVES:
N/A

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Council to receive the final report on Economic Development in Duncanville from MRB Group.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

STAFF RESPONSIBLE:
LoLecia Day, Assistant Director of Economic Development
Matt Horn, MRB Group
Michael N'dolo, MRB Group

BACKGROUND/HISTORY:
MRB Group was contracted by the city to assess the current state of economic development in Duncanville and to provide recommendations on future economic development strategies. Representatives from MRB met with numerous local business owners, councilmembers, staff, and various stakeholders to gain a broad understanding of Duncanville's economic development successes, challenges, and opportunities.

POLICY EXPLANATION:
Representatives from MRB Group will present their findings to Council and make their recommendations on next steps.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	Purchase Amount	After Encumber
N/A	N/A	N/A

ACTION ALTERNATIVES:
1. Presentation only. No action required.

ATTACHMENTS:
Report - Economic Development Organizational Plan - Duncanville

City of Duncanville Economic Development Organizational Plan

Prepared by:

MRB | group

Prepared for:

Duncanville
City of Champions

May 10, 2024

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Introduction

The City of Duncanville (the "City") is a community of approximately 40,000 people situated in Dallas metropolitan area. In the wake of changes in executive leadership and staff turnover in the Economic Development department, the City hired MRB Group to conduct an Economic Development Organizational Plan (the "Plan").

The purpose of the Plan is to examine the City's economic development functions, staffing, partnerships, leadership, and general approach to economic development. As such, much of the Plan is focused internally on City government and the Duncanville Community and Economic Development Corporation (DCEDC). The Plan also serves as a foundation for a presumed future Economic Development Strategic Planning process the City could undertake, which would focus on the City's goals, strategies and actions in a more comprehensive manner.

This report outlines the scope of work, interviews conducted, key assets and challenges, major findings, and recommendations to the City on how to best organize for the future as it relates to economic development.

Scope of Organizational Plan

The MRB team reviewed existing City planning documents to establish an understanding of past and current conditions, which was then used to inform stakeholder interviews. Twenty stakeholders were interviewed about the City's economic development efforts, including challenges, opportunities, and their vision for the City. An online survey was distributed to community members to solicit feedback on strengths, weaknesses, opportunities, challenges, and priorities for economic development in the City.

Additionally, the MRB team reviewed the foundational documents of the DCEDC (bylaws, minutes, grant-related documentation and processes, etc.) and attended a meeting of the DCEDC to get a clear understanding of the City's economic development organizational structure and practices. Finally, the MRB team conducted a high-level data review of current demographic, industry, employment, and real estate trends in the City and larger Dallas-Fort Worth-Arlington metro area (attached as Appendix A).

List of Interviewees

MRB Group would like to thank the following individuals for participating in one-on-one interviews with our staff members.

- Agustin (Gus) Garcia, Former ED Director
- Charles (Charlie) Reed, DCEDC
- Nathan Warren, P&Z Director
- Jennifer Pennebaker, Duncanville Chamber of Commerce
- DeMonica (Dee) Gooden, Councilmember
- Monte Anderson, Business Owner & Developer
- Steve Martin, Duncanville Chamber of Commerce
- Karen Cherry-Brown, Councilmember
- Greg Zylka, DCEDC Member
- Kenneth Govan, DCEDC Chair
- Jennifer Lott, Real Estate Business Owner
- Gianni Lott, Real Estate Business Owners
- Jeremy Koontz, Councilmember
- Lolecia Day, Business Owner
- Don McBurnett, Councilmember
- Charles Reed, DCEDC Vice Chair
- Greg Contreras, Councilmember
- Tim Maiden, Finance
- Sam Smith, Realtor
- Cynthia Williams, Economic Development Coordinator
- Barry Gordon, Mayor
- Cliff Boyd, Dallas College & Former Mayor
- Joe Veracruz, Councilmember
- Stan Smith, Real Estate
- Angela Owens, Event Planner
- Doug Finch, City Manager

MRB Group also extends special thanks to City of Duncanville staff members, particularly Sofine Lewis, for arranging these interviews within a short window of time.

Stakeholder Feedback

The general view of the interviewed stakeholders, confirmed by survey responses, was that the City has made steady progress, albeit slowly, on economic development over the last 20 years. However, stakeholders also generally agreed that the City lacks a cohesive strategy with respect to economic development.

Survey respondents would like to see the development of a dynamic and attractive Main Street corridor, which currently features some vacant storefronts and lacks the arts, entertainment, and "center of community" feeling that the City would otherwise benefit from. Feedback indicated that the City could facilitate the growth of better restaurants, boutiques, and events, and leverage the rich railroad history and natural landscaping of the City, allowing the area to attract new workers and businesses.

Respondents identified target industries for business attraction, including logistics, retail trade, hospitality, medical and life sciences, and headquarters and back office. Business retention and recruitment are the top goals listed by respondents for the City to pursue, potentially through the development of industrial sites and buildings.

The following summarizes the findings of the interviews and survey responses, organized into the categories of "Assets" and "Challenges".

Assets

The interviews and stakeholders consistently highlighted their love of Duncanville's unique businesses, outdoor recreation opportunities, diversity, access to highways, and quality of community. They would like to see these assets expanded and promoted to attract the right kind of economic development, opportunities, people, and businesses. In survey responses and discussions with interviewees, the following strengths and assets appeared most often:

- Strong community and quality of life (churches, sports, schools, etc.)
- Excellent location with access to two interstates and a 30-minute drive to DFW airport.
- A commitment to arts, culture, and recreation.
- Significant economic development resources available, particularly through the 'half-cent sales tax' revenues.
- Reputation as a sports-oriented community draws people in.
- Relatively inexpensive when compared to the Dallas/Fort-Worth MSA.
- Unique downtown district and eclectic local businesses.

Challenges

Likewise, a number of themes arose from the interviews and survey with respect to the challenges the City faces in its organization for economic development.

- The City lacks a clear, long-term strategy.
  - This puts the City in a reactive position when new projects are proposed.
  - Certain stakeholders also felt that this impacts the City's ability to execute on projects. (i.e. that some projects languish, or are abandoned, or certain actions of the City seem to contradict each other.)
  - An example is the ambiguity of the City's role in redevelopment of the downtown area: should the City use amortization to promote redevelopment of the downtown or not?
  - The City does not appear to have a long-term capital improvement plan.
  - The City's economic development grant programs are not guided by a long-term, specific and focused economic development priorities.
  - Staff and board turnover has exacerbated these issues.
- The City has a strong "not-open-for-business" reputation.
  - Whether warranted or not, stakeholders almost universally indicated that the City has a poor reputation in the business community, especially the real estate development community.
  - Stakeholders noted many instances of heavy-handed treatment of businesses, particularly with respect to certain regulatory processes such as building permits, fire inspections, and code enforcement.
  - Examples included unclear or confusing processes related to getting projects of all sizes approved for construction.
  - The most extreme examples provided by stakeholders included owners receiving permits for construction, undertaking the construction, and being halted mid-construction due to concerns expressed by the fire marshal. The resolution of such concerns causes delays and adds significantly to cost. This is particularly concerning as any fire code-related issues should be resolved in entirety prior to issuance of the building permit.
  - This reputation has purportedly caused developers and business owners to seek opportunities elsewhere, representing a real economic loss for the City.
- Land available for development is in very short supply.
  - The City owns a number of properties, some of a which represent a "stranded asset" that the City could otherwise leverage for economic development.

- Lack of positive appearance in key locations.
    - Stakeholders described the downtown and certain "gateways" into the community as being plagued with substandard properties or vacancies.
    - Some noted what they believed to be ineffective or inconsistent code enforcement.
- Communication and public engagement were frequently repeated as key needs to facilitate improvements in the City's economic development landscape. On top of strengthening Duncanville's business environment, these measures will also improve trust between the City staff and the public.
    - One such example is a certain lack of understanding in the business community as to the resources available at the City and DCEDC to promote economic development.

Survey responses emphasized the above points, with particular emphasis placed on the lack of a cohesive direction and strategy for the future. Respondents additionally note the prevalence of vacant retail spaces throughout the City, as well as the need for improvements along Main Street to make it more attractive to visit and operate business from. Moreover, the survey responses are clear that there has been a distinct lack of public engagement in previous planning attempts, which has led to feelings of secrecy about what exactly economic development is, and whether or not past economic development efforts go beyond individual interests.

When asked about the most important thing the City of Duncanville can do to make a positive difference in the area as it relates to economic development, survey respondents indicated nearly exclusively the importance of maintaining collaborative leadership that includes the public in decisions and planning processes. Infrastructure updates and providing quality service to City residents was also noted as important for the Duncanville to do to improve local economic development.

Recommended Actions

Based on the information collected during the course of the study and the input of the stakeholders, MRB Group makes the following recommendations to the Economic Development Corporation and City leadership to better serve Duncanville's economic development efforts.

Recommendation #1: Create a clear, long-term, comprehensive economic development strategy (CEDS).

- The plan will help the City establish its vision for the economic future of the City, its target industries, and its priorities. This will also help to communicate the vision to the real estate development community and hopefully generate more interest in investing in the City.
- This is especially important now that the City is undertaking a new comprehensive plan. The CEDS should inform the City's comprehensive plan and zoning regulations, so that all such policies are aligned.
- Recommendation #1b: Following adoption of the plan, the DCEDC should propose to City Council amendments to its various granting programs (funded via HOT tax and half-cent sales tax revenues) to maximize focus and effectiveness. The City Council should make sure to align these funding programs to its long-term vision.

Recommendation #2: Align City Efforts in Economic Development

- It is imperative that the City rebuild its reputation with the business community, which has been greatly harmed by the history of actions of certain City officials and departments.
- Recommendation #2b: The first priority of the City should be to streamline and coordinate the review and approval of building permits and other development regulation administration. There should never be a situation where the Fire Marshal identifies an issue with the construction or renovation of a structure after the building permit has been issued. All officials involved in the development process should be included from the point a building permit application is submitted to the City. This includes the building inspector, the fire marshal, the code enforcement officer and any other relevant department.
- Recommendation #2c: The City needs to update its building department procedures and communication protocols so that applicants fully understand what is expected of them and are responded to in a timely manner. The department should be driven by a customer-first approach in planning, zoning, and permitting. No one should leave City Hall without an answer or commitment to get one, and that starts with clear application processes and communication.

- Recommendation #2d: The City should separate its planning and economic development offices. That will allow the economic development department to serve as the advocates for economic development projects without causing a potential conflict of interest.
- Recommendation #2e: The City should consolidate its various and multiple committees into a more manageable set, and it should fill vacancies on those committees quickly. Right now, the City has many committees that rarely meet and have many long-standing vacancies. Those groups can easily be consolidated into just a couple of boards that serve multiple functions, allowing for more consistency and efficiency.
- Recommendation #2f: The City should evaluate the use of public-private partnerships to bolster staff capacity and expertise. The use of external development review resources may expedite complex projects and assist staff reviewers in times of peak application activity. A similar approach may be considered for activities in Recommendation #3 below.

Recommendation #3: Take an Active Role in Real Estate Development

- The City owns many undeveloped or underdeveloped parcels within the City and can take a more active role in actual development projects.
- Recommendation #3b: The City should identify and acquire strategic parcels in targeted growth nodes. After acquisition (or establishment of site control), the City should take the necessary steps to ensure development readiness such as a survey, environmental assessments, zoning analysis, test fit, etc.
- Recommendation #3c: For its existing portfolio of parcels and for any future acquisitions, the City should issue a Developer RFP that clearly lays forth the vision of the City for future development on the subject properties.
- Recommendation #3d: The City should be prepared to enter into in a full public-private partnership on development of these and other parcels, as needed, for them to achieve full potential. (An example of this could be the Duncanville Fieldhouse as an anchor for future development.)
- Recommendation #3e: As an extension of its active role in real estate development, the City needs to create and enforce a community appearance strategy, including prioritized enforcement of code infractions. (Note, however, that we do not necessarily recommend the use of amortization.)
- Should we add an action item about putting the DCEDC in the role of lead development coordinator - i.e. the City transfers underutilized properties to the EDC, who then markets them to developers?

Appendix A: Data Review

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Introduction

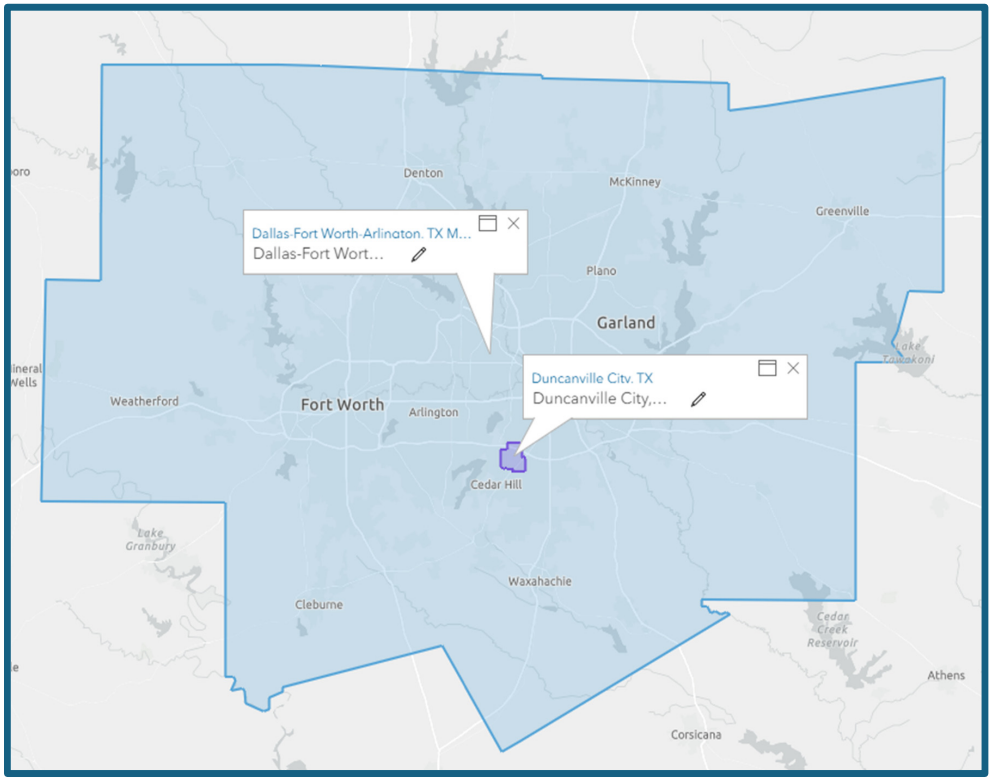
The following market overview presents information on the current economic conditions of the City of Duncanville in terms of demographic, industry, and real estate trends. The data displayed throughout the market profile was collected from numerous sources, as noted below, that collectively depict current market conditions. Insights from the following analysis will provide a foundation for strategic and organizational planning purposes in later phases of the project.

Data Note

Data included in the following analysis was sourced from the American Community Survey (ACS) estimates from the US Census Bureau, Esri, Lightcast, and CoStar.

Market Area

The following sections on demographic, industry, and real estate trends incorporate data covering two geographies: the City of Duncanville and the Dallas-Fort Worth-Arlington MSA ("Dallas-Fort Worth MSA").



Demographics

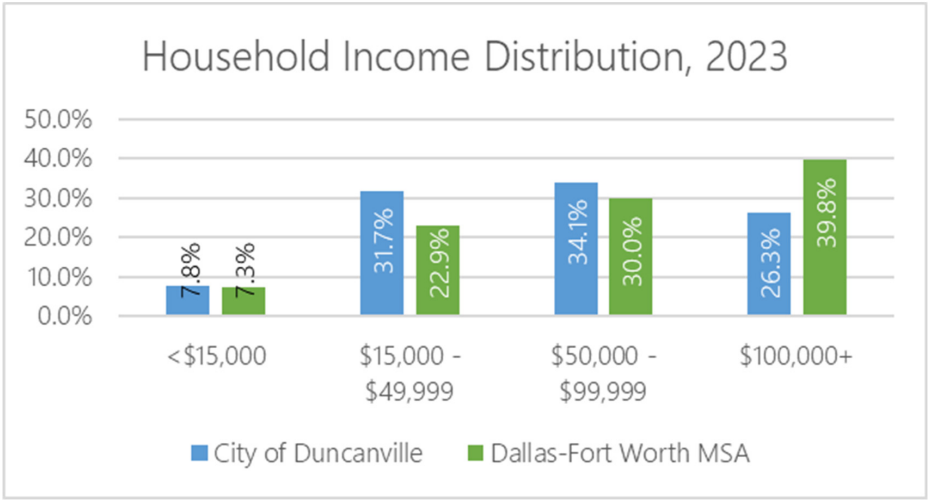
Demographic Fundamentals				
Population				
	2010	2023	Change	% Change
City of Duncanville	38,498	39,727	1,229	3.2%
Dallas-Fort Worth MSA	6,366,542	8,058,326	1,691,784	26.6%
Projected Population				
	2023	2028	Change	% Change
City of Duncanville	39,727	38,935	(792)	(2.0%)
Dallas-Fort Worth MSA	8,058,326	8,605,015	546,689	6.8%
Households				
	2010	2023	Change	% Change
City of Duncanville	13,273	13,372	99	0.7%
Dallas-Fort Worth MSA	2,296,410	2,923,482	627,072	27.3%
Projected Households				
	2023	2028	Change	% Change
City of Duncanville	13,372	13,127	(245)	(1.8%)
Dallas-Fort Worth MSA	2,923,482	3,135,223	211,741	7.2%
Median Household Income				
	2023	2028	Change	% Change
City of Duncanville	$61,350	$68,643	$7,293	11.9%
Dallas-Fort Worth MSA	$79,409	$88,816	$9,407	11.8%
Median Home Value				
	2023	2028	Change	% Change
City of Duncanville	$228,131	$278,383	$50,252	22.0%
Dallas-Fort Worth MSA	$311,758	$351,109	$39,351	12.6%
Median Age				
	2023	2028	Change	% Change
City of Duncanville	37.2	37.7	0.5	1.3%
Dallas-Fort Worth MSA	35.5	35.9	0.4	1.1%

Source: Esri

Household Income Distribution

Household Income Distribution, 2023		
	City of Duncanville	Dallas-Fort Worth MSA
<$15,000	7.8%	7.3%
$15,000 - $24,999	9.0%	5.6%
$25,000 - $34,999	7.1%	6.6%
$35,000 - $49,999	15.6%	10.7%
$50,000 - $74,999	18.9%	17.0%
$75,000 - $99,999	15.2%	13.0%
$100,000 - $149,999	15.1%	18.2%
$150,000 - $199,999	6.0%	9.4%
$200,000+	5.2%	12.2%

Source: Esri



Educational Attainment

Educational Attainment, 2023		
	City of Duncanville	Dallas-Fort Worth MSA
Less than 9th Grade	6.8%	5.6%
9th to 12th Grade	7.5%	5.9%
High School Diploma/GED	29.7%	22.6%
Some College	19.9%	17.7%
Associate Degree	8.4%	7.9%
Bachelor's Degree	17.4%	26.5%
Graduate Degree or Higher	10.3%	14.0%

Source: Esri

At-Risk Populations

Poverty Statistics, 2023		
	City of Duncanville	Dallas-Fort Worth MSA
Households Below the Poverty Level (%)	9.0%	10.0%
Households Below the Poverty Level (#)	1,264	272,168

Source: Esri

At-Risk Populations, 2023		
	City of Duncanville	Dallas-Fort Worth MSA
Households with Disability	26.4%	19.0%
Population 65+	17.6%	12.9%
Households without a Vehicle	3.2%	4.2%

Source: Esri

Industry Analysis

Industry Composition

Industry Composition and Employment Trends

NAICS & Description		City of Duncanville*				Dallas-Fort Worth MSA			
		2013 Jobs	2023 Jobs	2013-2023 Change	% Change	2013 Jobs	2023 Jobs	2013-2023 Change	% Change
90	Government	3,536	6,432	2,896	82.0%	414,964	473,463	58,498	14.0%
62	Health Care and Social Assistance	2,243	2,324	82	4.0%	341,709	433,303	91,594	27.0%
81	Other Services (except Public Administration)	1,714	2,310	596	35.0%	203,547	221,289	17,741	9.0%
44	Retail Trade	2,055	1,426	(629)	-31.0%	345,975	404,189	58,214	17.0%
31	Manufacturing	1,145	1,282	137	12.0%	267,147	304,976	37,829	14.0%
72	Accommodation and Food Services	1,091	1,213	121	11.0%	283,500	367,131	83,632	29.0%
23	Construction	1,107	1,004	(103)	-9.0%	192,256	275,704	83,448	43.0%
56	Administrative and Support and Waste Management and Remediation Services	976	434	(542)	-56.0%	266,933	332,019	65,087	24.0%
52	Finance and Insurance	288	311	23	8.0%	207,861	271,282	63,421	31.0%
51	Information	33	257	224	677.0%	82,418	87,309	4,891	6.0%
54	Professional, Scientific, and Technical Services	165	209	44	27.0%	235,454	383,781	148,327	63.0%
53	Real Estate and Rental and Leasing	137	161	24	18.0%	71,742	103,471	31,729	44.0%
42	Wholesale Trade	165	121	(44)	-26.0%	175,184	215,851	40,667	23.0%
48	Transportation and Warehousing	83	113	30	37.0%	149,259	275,291	126,032	84.0%
61	Educational Services	159	104	(55)	-35.0%	56,381	72,825	16,444	29.0%
71	Arts, Entertainment, and Recreation	95	75	(20)	-21.0%	47,920	61,726	13,807	29.0%
11	Agriculture, Forestry, Fishing and Hunting	13	21	8	60.0%	6,648	7,344	696	10.0%
55	Management of Companies and Enterprises	<10	35	Insf. Data	Insf. Data	38,928	69,066	30,137	77.0%
99	Unclassified Industry	<10	<10	Insf. Data	Insf. Data	758	2,132	1,374	181.0%
21	Mining, Quarrying, and Oil and Gas Extraction	<10	0	Insf. Data	Insf. Data	28,290	17,008	(11,282)	-40.0%
22	Utilities	<10	<10	Insf. Data	Insf. Data	8,475	10,113	1,638	19.0%
		15,012	**17,837**	**2,824**	**19.0%**	**3,425,350**	**4,389,272**	**963,923**	**28.0%**

Source: Lightcast

** Approximated using ZIP codes 75116 and 75137*

Projected Employment Trends

Projected Employment Trends

NAICS & Description		City of Duncanville*				Dallas-Fort Worth MSA			
		2023 Jobs	2033 Jobs	2023-2033 Change	% Change	2023 Jobs	2033 Jobs	2023-2033 Change	% Change
90	Government	6,432	7,134	702	11.0%	473,463	529,169	55,706	12.0%
62	Health Care and Social Assistance	2,324	2,662	337	15.0%	433,303	518,348	85,046	20.0%
81	Other Services (except Public Administration)	2,310	2,506	195	8.0%	221,289	248,109	26,820	12.0%
44	Retail Trade	1,426	1,439	13	1.0%	404,189	442,029	37,840	9.0%
31	Manufacturing	1,282	1,307	25	2.0%	304,976	329,891	24,915	8.0%
72	Accommodation and Food Services	1,213	1,332	119	10.0%	367,131	420,930	53,798	15.0%
23	Construction	1,004	1,090	86	9.0%	275,704	310,618	34,914	13.0%
56	Administrative and Support and Waste Management and Remediation Services	434	468	34	8.0%	332,019	378,549	46,530	14.0%
52	Finance and Insurance	311	332	21	7.0%	271,282	317,561	46,279	17.0%
51	Information	257	330	73	29.0%	87,309	94,482	7,173	8.0%
54	Professional, Scientific, and Technical Services	209	252	43	21.0%	383,781	492,357	108,576	28.0%
53	Real Estate and Rental and Leasing	161	184	23	14.0%	103,471	120,476	17,005	16.0%
42	Wholesale Trade	121	129	8	6.0%	215,851	244,221	28,369	13.0%
48	Transportation and Warehousing	113	138	24	21.0%	275,291	330,289	54,998	20.0%
61	Educational Services	104	126	22	21.0%	72,825	83,191	10,366	14.0%
71	Arts, Entertainment, and Recreation	75	103	28	37.0%	61,726	69,541	7,815	13.0%
55	Management of Companies and Enterprises	35	52	17	47.0%	69,066	92,544	23,478	34.0%
11	Agriculture, Forestry, Fishing and Hunting	21	27	6	29.0%	7,344	8,150	806	11.0%
21	Mining, Quarrying, and Oil and Gas Extraction	0	0	0	0.0%	17,008	16,183	(825)	-5.0%
22	Utilities	<10	<10	Insf. Data	Insf. Data	10,113	12,335	2,222	22.0%
99	Unclassified Industry	<10	<10	Insf. Data	Insf. Data	2,132	2,111	(21)	-1.0%
		17,837	**19,615**	**1,778**	**10.0%**	**4,389,272**	**5,061,082**	**671,810**	**15.0%**

Source: Lightcast

** Approximated using ZIP codes 75116 and 75137*

Housing Market Analysis

Housing Tenure

Housing Tenure, 2023		
	City of Duncanville	Dallas-Fort Worth MSA
Owner-Occupied	60.0%	56.0%
Renter-Occupied	35.8%	37.6%
Vacant Units, Rate	4.2%	6.4%
Total Housing Units	14,738	3,354,648

Source: Esri

Type of Vacancy		
	City of Duncanville	Dallas-Fort Worth MSA
Total vacant housing units	843	206,245
For rent	50.9%	43.3%
Rented, not occupied	13.8%	8.1%
For sale only	9.6%	8.4%
Sold, not occupied	2.7%	5.8%
Seasonal/occasional	0.0%	6.1%
For migrant workers	0.0%	0.0%
Other	23.0%	28.3%

Source: Esri

Housing Units

Housing Units By Units In Structure	City of Duncanville	Dallas-Fort Worth MSA
Total	14,738	2,899,352
1, detached	73.6%	63.2%
1, attached	3.2%	3.0%
2	1.1%	1.3%
3 or 4	3.3%	3.3%
5 to 9	5.3%	5.6%
10 to 19	11.2%	7.6%
20 to 49	0.4%	4.7%
50 or more	1.7%	8.0%
Mobile home	0.2%	3.3%
Boat, RV, van, etc.	0.0%	0.1%

Source: Esri

Housing Units By Year Structure Built	City of Duncanville	Dallas-Fort Worth MSA
Built 2020 or later	0.0%	0.4%
Built 2010 to 2019	1.2%	14.0%
Built 2000 to 2009	7.7%	19.1%
Built 1990 to 1999	7.1%	15.6%
Built 1980 to 1989	24.3%	17.3%
Built 1970 to 1979	35.5%	13.3%
Built 1960 to 1969	18.4%	8.3%
Built 1950 to 1959	3.2%	7.1%
Built 1940 to 1949	0.8%	2.4%
Built 1939 or earlier	1.8%	2.6%
Total	100%	100%

Source: Esri

Home Values

Home Value				
	City of Duncanville		Dallas-Fort Worth MSA	
	2023	2028	2023	2028
Median Home Value	$228,131	$278,383	$311,758	$351,109
Average Home Value	$268,932	$331,220	$375,913	$411,942

Source: Esri

Housing Affordability

Housing Affordability - Owner-Occupied Housing, 2023		
	City of Duncanville	Dallas-Fort Worth MSA
Median Home Value - 2023	$228,131	$311,758
10% Down Payment	$22,813	$31,176
Remaining Balance	$205,318	$280,582
Average Mortgage @7% for 30 Years	$1,366	$1,867
Estimated Additional Costs*	$437	$528
Estimated Monthly Mortgage Costs	$1,803	$2,395
Household Income Threshold	$72,120	$95,800

*Include Zillow estimated insurance, PMI, and taxes

Source: Esri; Zillow Mortgage Calculator; MRB Group

Housing Affordability - Renter - Occupied Housing, 2023		
	City of Duncanville	Dallas-Fort Worth MSA
Median Contract Rent	$1,131	$1,110
Household Income Threshold	$45,240	$44,400

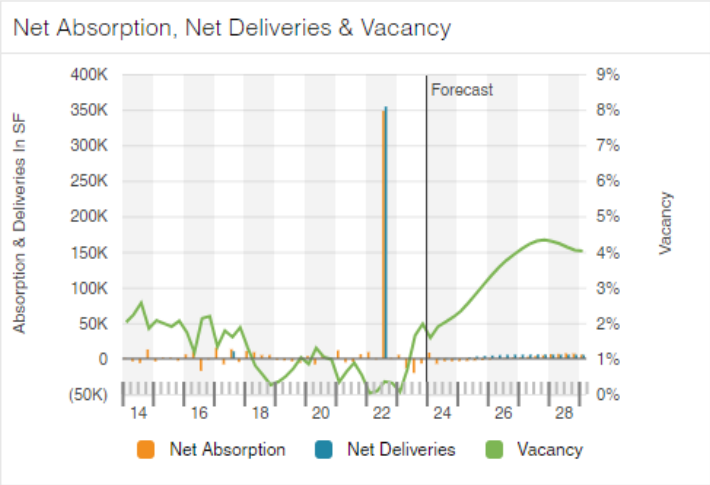
Source: Esri; MRB Group

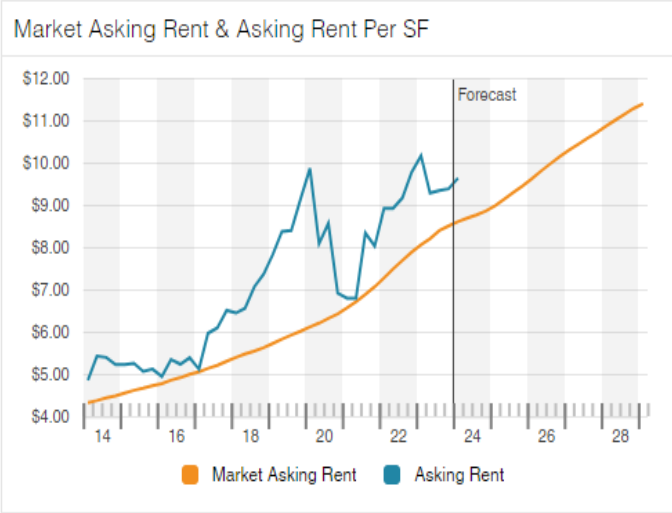
Real Estate Market Analysis

The following analysis uses CoStar data on industrial, commercial, hospitality, and multi-family residential real estate trends in Fulton County.

Industrial

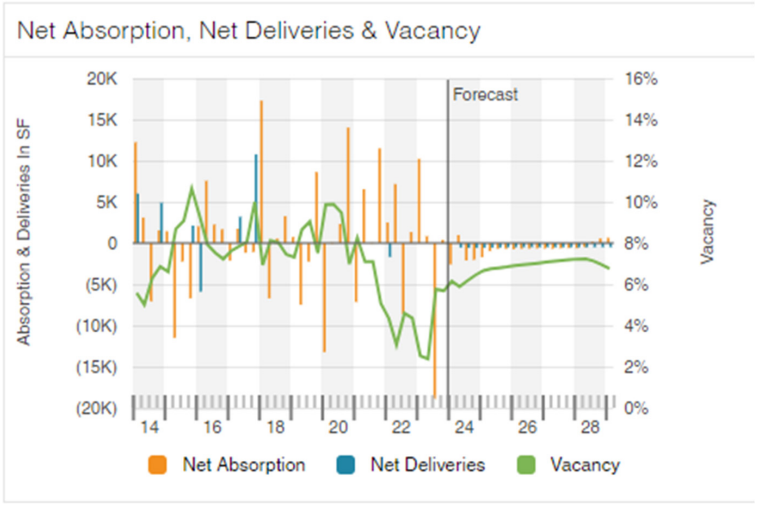
INVENTORY SF	UNDER CONSTRUCTION SF	12 MO NET ABSORPTION SF	VACANCY RATE	MARKET ASKING RENT/SF	MARKET SALE PRICE/SF	MARKET CAP RATE
2.1M +0%	0 -	(37K) -110.5%	1.8% +1.7%	$8.58 +6.9%	$96 +1.5%	6.9% +0.5%
Prior Period 2.1M	Prior Period 0	Prior Period 354K	Prior Period 0.1%	Prior Period $8.02	Prior Period $95	Prior Period 6.4%

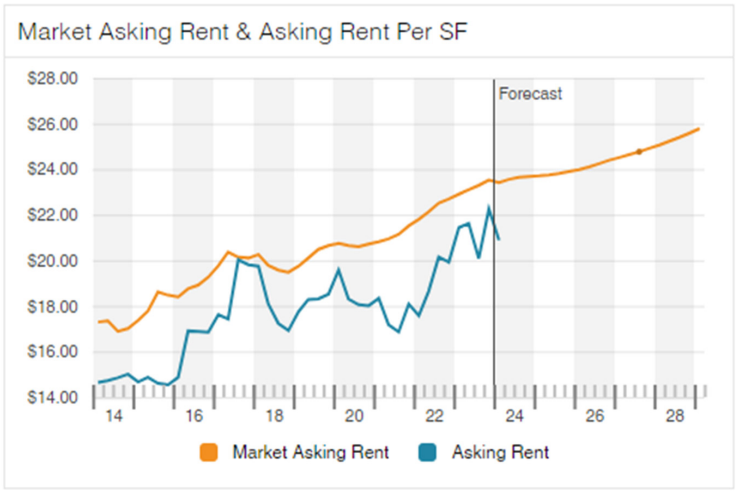




Office

INVENTORY SF	UNDER CONSTRUCTION SF	12 MO NET ABSORPTION SF	VACANCY RATE	MARKET ASKING RENT/SF	MARKET SALE PRICE/SF	MARKET CAP RATE
560K +0%	0 -	(19.9K) -322.9%	6.3% +3.5%	$23.40 +2.3%	$129 -3.4%	9.3% +0.4%
Prior Period 560K	Prior Period 0	Prior Period 8.9K	Prior Period 2.8%	Prior Period $22.87	Prior Period $133	Prior Period 8.9%

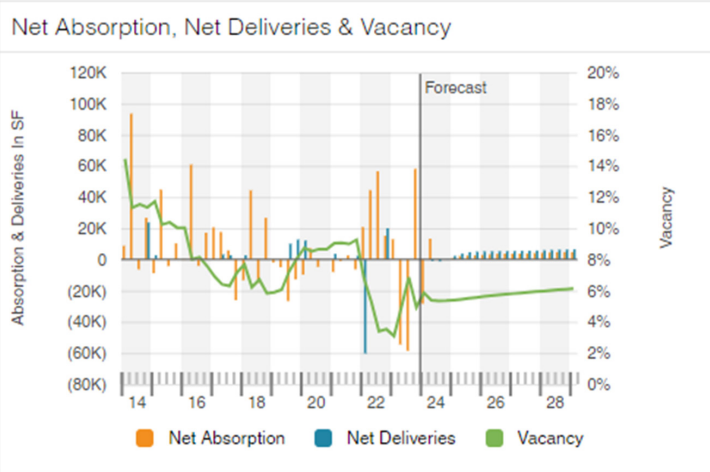


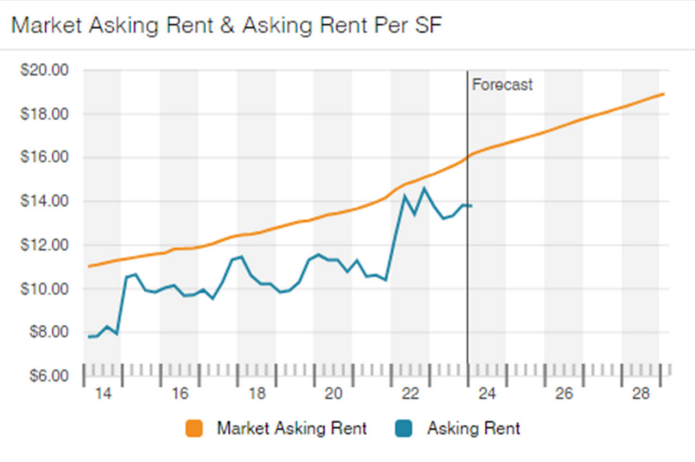


Source: CoStar

Retail

INVENTORY SF	UNDER CONSTRUCTION SF	12 MO NET ABSORPTION SF	VACANCY RATE	MARKET ASKING RENT/SF	MARKET SALE PRICE/SF	MARKET CAP RATE
3M +0%	0 -	(81.2K) -162.4%	5.8% +2.6%	$16.09 +6.0%	$212 +4.7%	6.6% -0.1%
Prior Period 3M	Prior Period 0	Prior Period 130K	Prior Period 3.2%	Prior Period $15.19	Prior Period $202	Prior Period 6.7%



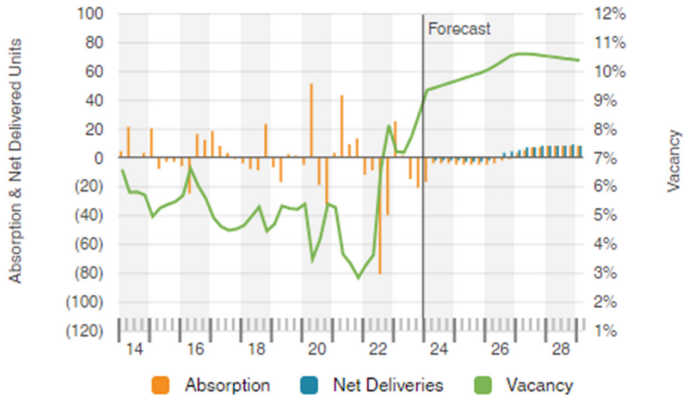


Source: CoStar

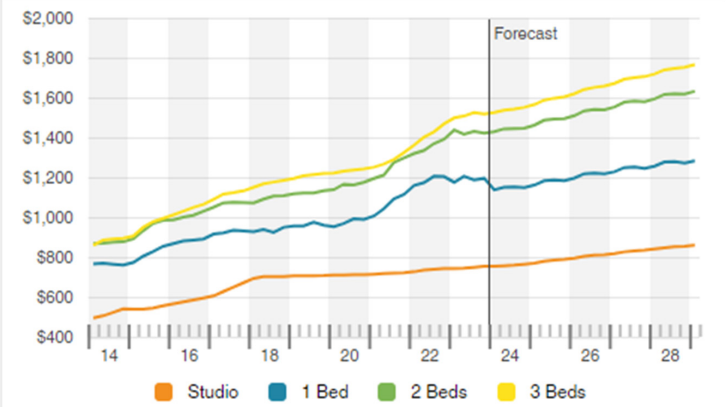
Multi-Family Residential

INVENTORY UNITS	UNDER CONSTRUCTION UNITS	12 MO ABSORPTION UNITS	VACANCY RATE	MARKET RENT/UNIT	MARKET SALE PRICE/UNIT	MARKET CAP RATE
2,695 +0%	0 -	(46) +58.1%	9.1% +1.8%	$1,353 +1.1%	$127K -7.3%	5.8% +0.5%
Prior Period 2,695	Prior Period 0	Prior Period (111)	Prior Period 7.3%	Prior Period $1,338	Prior Period $137K	Prior Period 5.3%

Absorption, Net Deliveries & Vacancy



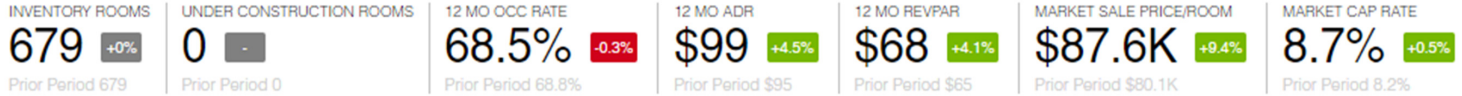
Market Asking Rent Per Unit By Bedroom



Hospitality

CoStar's hospitality data captures information from an area's "flagged" hotels, which are those hotels owned or branded by a national chain. The data does not capture data from small, unbranded properties such as boutique hotels and short-term rental listings.

Below are key performance indicators from the CoStar database for the hospitality real estate market in Duncanville.



STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Council to receive a briefing on the proposed Life School development and hear updates from the Planning and Zoning Commission meeting where the proposal was discussed.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

STAFF RESPONSIBLE:
David Kees, Assistant to the City Manager

BACKGROUND/HISTORY:
Comprehensive Plan
The subject property has a Future Land Use Designation of Low Density Residential. The Plan states that low density residential represents a traditional single-family detached neighborhood and includes housing and living units for people with a range of incomes and needs. Low density residential areas generally range between three and five dwelling units per acre. The Plan goes on to list the following policies to guide low density areas:

- They should be protected from, but accessible to, the major roadway network, commercial establishments, and industrial areas.
- Subdivisions should be accessible to collector and arterial streets, but should directly access only local streets, creating a balanced land-use pattern across the City.
- They should not be directly accessible to major arterials and freeways without adequate buffering and access management.

Project Scope
The applicants are seeking approval for a planned development on the property which will include a high school, middle school, and a stadium with bleachers and lighting.

Surrounding Land Use and Zoning
The subject property is surrounded on all sides by low density residential, although the properties across from the northwest corner of the proposed site are zoned General Office Retail and is included as part of Opportunity Area 2 on the Future Land Use Map of the Comprehensive Plan.

POLICY EXPLANATION:
33 mailings sent out

To date:
5 replied in favor
6 replied in opposition

The Planning and Zoning Commission considered this application at its June 3, 2024 special meeting.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	**Purchase Amount**	**After Encumber**
N/A	N/A	N/A

ACTION ALTERNATIVES:

1. No action to be taken.

ATTACHMENTS:

Exhibit B-Life School Duncanville TIA 04.02.2024
Exhibit C-Stadium Lighting Plan
Life School - Plan Development - Zoning Change Application - 03.29.24
Life School - Plan Development Narrative 04-03-2024
Life School Duncanville - Plan Development 24x36 05-29-24
240529.sMiller.LifeSchool.P&ZDrawings
052924 C14.00 FIRE LANE PLAN-C14.00 FIRE LANE PLAN FM Approved

Traffic Impact Analysis

Life School
Duncanville, Texas

April 2, 2024

Prepared for:
Mr. Brian Nelson, AIA
HKS, Inc.
350 North Saint Paul Street
Dallas, Texas 75201

Prepared By:
Christy Lambeth, P.E., PTOE
Lambeth Engineering Associates, PLLC
6301 Gaston Avenue, Suite 1129, Dallas, TX 75214| 972.989.3256
Texas Registered Engineering Firm# F-19508
Project #001DUN

LAMBETH ENGINEERING

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EXECUTIVE SUMMARY

Lambeth Engineering Associates, PLLC, conducted a traffic impact analysis for the proposed Life School, located southeast of the S Cockrell Hill Road/E Danieldale Road intersection in Duncanville, Texas. This TIA was conducted to support site plan approval.

The project was analyzed in two phases:

Phase I – High School

- Planned completion in 2026.
- Contains school buildings and facilities for 1,200 high school students.

Phase II - High School plus Middle School (Full Site)

- Planned to be completed in 2028.
- Contain school buildings and facilities for 1,200 high school and 800 middle school students.

This study evaluated the impact that the proposed development will have on the surrounding roadway network and provides recommended mitigation measures needed to maintain acceptable roadway conditions.

The following roadway intersections were studied in this analysis:

- E Danieldale Road at S Cockrell Hill Road (signalized)
- E Danieldale Road at Meadow Run Drive (unsignalized)
- E Danieldale Road at Willow Run Drive (unsignalized)
- Site driveways

A 2% annual growth rate was applied to the existing traffic volumes to project future background volumes. The following study scenarios were analyzed during the weekday AM and PM peak hours.

- 2023 Existing
- 2026 Background
- 2026 Background-Plus-High School
- 2028 Background-Plus-High School
- 2028 Background-Plus-Full Site
- 2032 Background
- 2032 Background-Plus-Full Site

The site is projected to generate 1,826 trips in the AM peak hour (968 inbound and 858 outbound) and 1,374 trips during the PM peak hour (688 inbound and 686 outbound).

Below is a summary of findings from the analyses presented in this report.

- The following mitigation is recommended to improve existing roadway LOS and LOS once the school is open.

  E Danieldale Road at S Cockrell Road – The eastbound approach is shown to operate at LOS E considering the existing volumes. Considering the addition of school traffic, the westbound approach begins operating at LOS F as well. Presented are 4 options to mitigate LOS at the intersection.

- **Option 1** - Restripe eastbound and westbound shared through and right-turn lanes as exclusive right-turn lanes.
  - This recommendation is warranted based on existing volumes.
  - It does not achieve LOS D or better for all approaches but is an improvement.
- **Option 2** - Optimize AM cycle from 90 seconds to 110 seconds, optimize PM splits plus recommendations from Option 1.
  - This recommendation improves the intersection overall LOS in AM peak hour to LOS D or better.
  - May not be feasible due to coordination of the traffic signal network.
- **Option 3** - Install eastbound and westbound right turn overlap signals plus the recommendations from Option 1 and Option 2.
  - This recommendation improves the intersection overall LOS to LOS D or better except 2028 PM peak hour considering full site buildout and 2032 PM peak hour considering full site buildout.
  - May not be feasible due to coordination of the traffic signal network.
- **Option 4** – Construct dual EB right-turn lanes and dual WB left-turn lanes plus recommendations from Options 1-3.
  - Improves all approaches to LOS D or better.
  - ***Provided for informational purposes only, does not appear to be feasible due to limited right-of-way.***

E Danieldale Road at Middle School Driveway – The northbound and southbound approaches are shown to operate at LOS F considering full buildout of the site. The northbound and southbound approaches are currently considered with stop control. A preliminary TSWA indicates the 4 hour and peak hour traffic volume warrants would be met. Analysis of the intersection with a traffic signal projects all intersection approaches to operate at LOS D or better. Therefore, it is recommended to install a traffic signal with completion of the full site buildout in 2028.

S Cockrell Road at High School Driveway – The westbound and southbound left-turn approaches are shown to operate at LOS F considering buildout of the High School portion of the site. A preliminary TSWA indicates the 4 hour and peak hour traffic volume warrants would be met. Analysis of the intersection with a traffic signal projects that traffic along S Cockrell Hill Road will operate at LOS D or better. Traffic out of the school Driveway is projected to operate at LOS E, however this will only be during the peak of school arrival and dismissal which is common at schools. Therefore, it is recommended to install a traffic signal with completion of the full site buildout in 2028 or use two licensed peace officers for arrival and dismissal periods.

- The roadway links are shown to operate at LOS D or better considering existing, background, and background-plus-site traffic volumes with the existing roadway geometries.

- The following deceleration lanes are recommended at the site driveways:
  - High School Driveway:
    - Northbound right-turn lane (recommended in 2026)
    - Southbound left-turn lane (recommended in 2026)
  - Middle School Driveway:
    - Eastbound right-turn lane (recommended in 2028)
    - Westbound left-turn lane (recommended for consideration if buses will use in 2026)
- The AASHTO's desirable sight-distance requirements are satisfied at all driveways.
- All driveways satisfy TxDOT's driveway spacing criteria.

Although roadway mitigations are needed to accommodate the existing and background traffic volumes, this analysis shows that the proposed development is not expected to have a significant impact on the surrounding roadway network.

INTRODUCTION

Purpose

The services of Lambeth Engineering Associates, PLLC, (herein Lambeth Engineering) were retained to conduct a traffic impact analysis (TIA) for a proposed Life Charter School, in Duncanville, Texas. The purpose of this study is to project the anticipated traffic that will be generated by the proposed development, determine the impact it will have on the surrounding roadway network, and determine recommended mitigation measures needed to maintain acceptable roadway conditions. This TIA is being conducted to support site plan approval.

Project Description

The project site is located southeast of the S Cockrell Hill Road/E Danieldale Road intersection. The site is zoned residential and is currently vacant.

The project was analyzed in two phases:

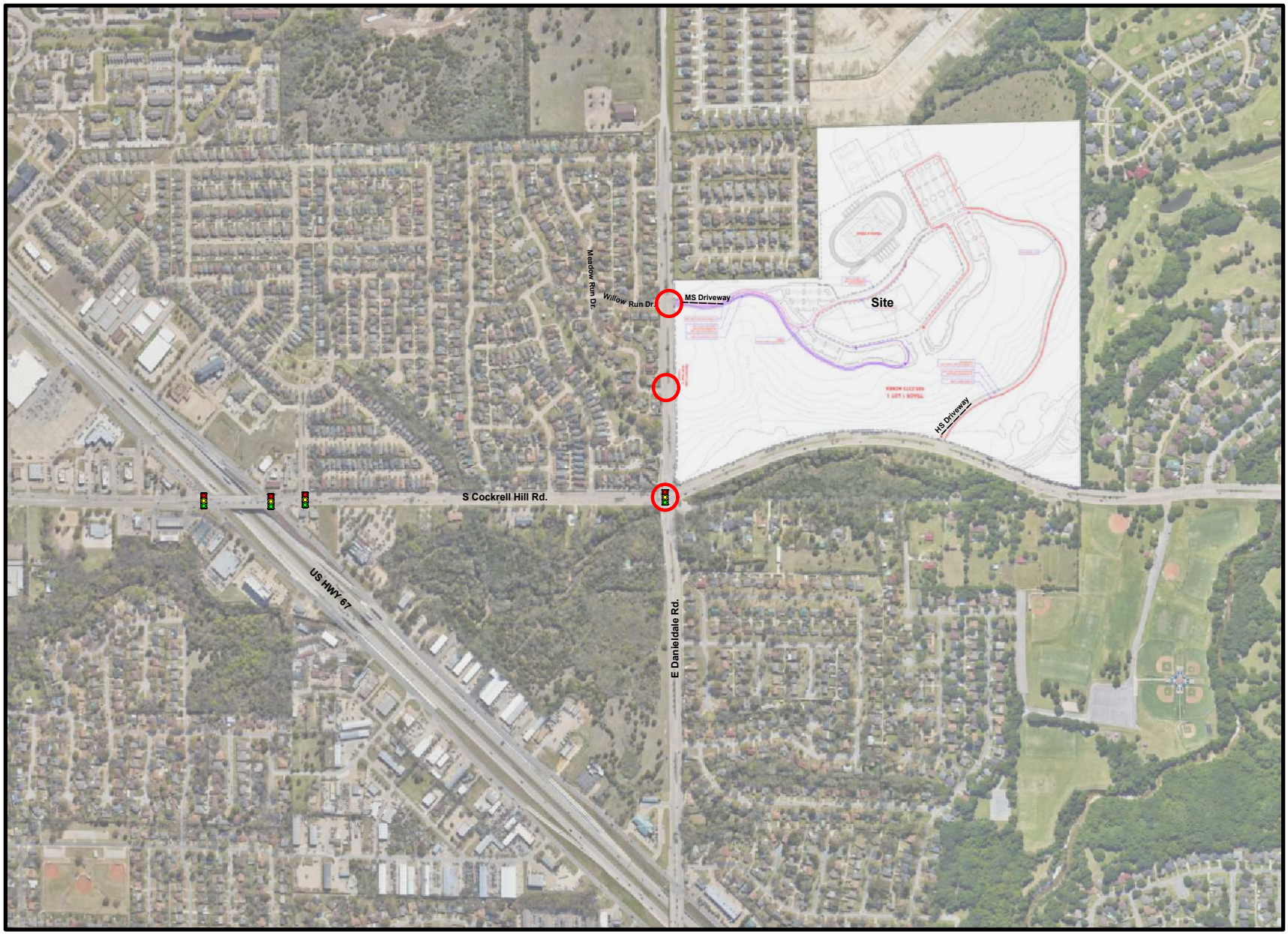
Phase I – High School

- Planned completion in 2026.
- Contains school buildings and facilities for 1,200 high school students.

Phase II - High School plus Middle School (Full Site)

- Planned to be completed in 2028.
- Contain school buildings and facilities for 1,200 high school and 800 middle school students.

A vicinity map is shown in **Exhibit 1**, and the site plan is shown in **Exhibit 2**.



○ = Study Intersections

NORTH
Not to Scale

Exhibit 1. Vicinity Map

L.A.M.B.E.T.H. ENGINEERING
TEXAS REGISTERED ENGINEERING FIRM F-19508

Map Obtained from Google Earth 02.14.24

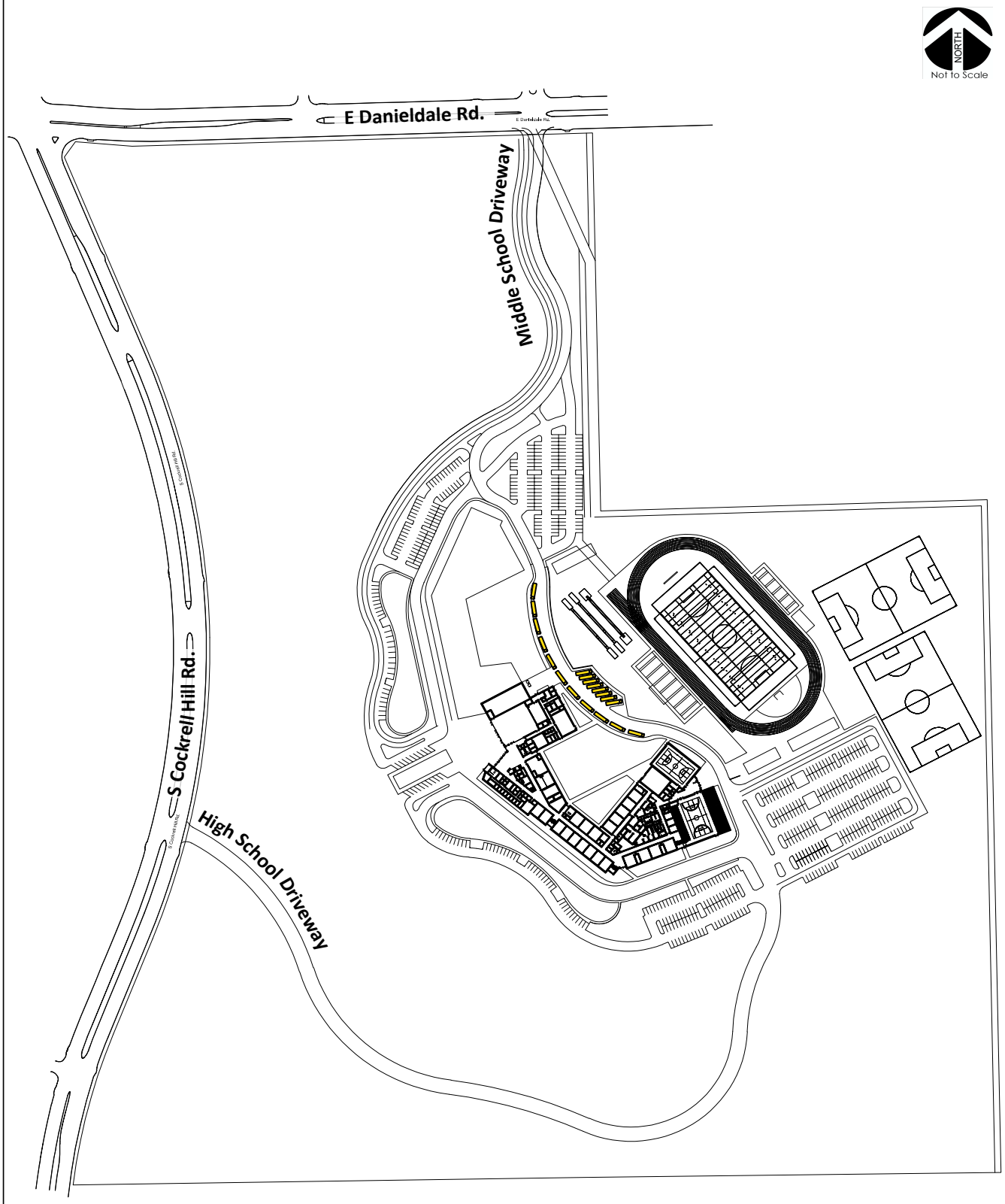


Exhibit 2. Site Plan

Study Parameters

This TIA considered the following study parameters that were reviewed and approved by the City of Duncanville at the onset of this TIA.

Study Scenarios

The following scenarios were studied in this analysis:

- Roadway Intersections: Weekday AM and PM peak hours of adjacent street traffic
- Roadway Links: Weekday AM and PM peak hours of adjacent street traffic
- Analysis Scenarios:
    - 2023 Existing
    - 2026 Background
    - 2026 Background-Plus-High School
    - 2028 Background-Plus-High School
    - 2028 Background-Plus-Full Site
    - 2032 Background
    - 2032 Background-Plus-Full Site

Study Area

The following roadway intersections were studied in this analysis:

- E Danieldale Road at S Cockrell Hill Road (signalized)
- E Danieldale Road at Meadow Run Drive (unsignalized)
- E Danieldale Road at Willow Run Drive (unsignalized)
- Two site driveways
    - One (1) site driveway on E Danieldale Road
    - One (1) site driveway on S Cockrell Hill Road

Roadway Network

Roadway Descriptions

The project includes the following roadways:

- South Cockrell Hill Road
    - Existing Cross Section: Six-lane, divided roadway
    - Speed Limit: 40 MPH
    - Thoroughfare Plan Designation: Major
- East Danieldale Road
    - Existing Cross Section: Six-lane, divided roadway
    - Speed Limit: 40 MPH
    - Thoroughfare Plan Designation: Major

A summary of the existing roadway geometry used in this analysis is shown in **Exhibit 3.**

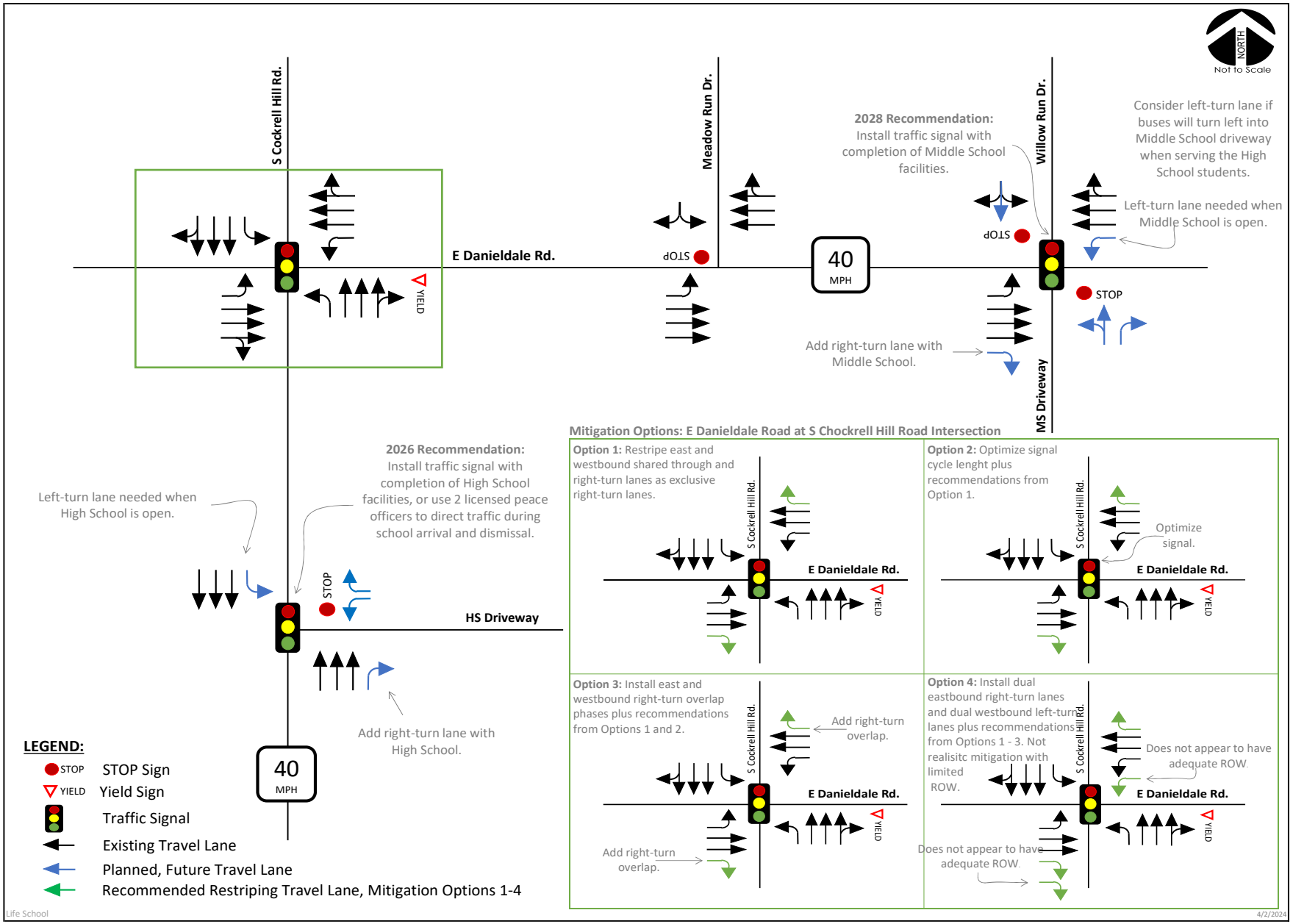


Exhibit 3. Roadway Geometry

TRAFFIC VOLUMES

Existing Traffic Volumes

Intersection turning-movement volumes and roadway link traffic volumes were collected on Wednesday, December 6, 2023, from 6:30 to 9:30 AM and from 2:00 to 6:00 PM. Year 2023 traffic volumes are illustrated in **Exhibit 4**. Detailed data sheets are provided in the **Appendix**.

Background (No-Build) Traffic Volumes

Historical traffic volume data were obtained from TxDOT's online traffic counts[1]. An annual growth rate of 1.8% was calculated. However, to be conservative, a 2% annual growth rate was used for this analysis. Traffic forecasts were developed for the year 2026 and 2028 no-build scenarios by applying the 2% annual growth rate to the existing traffic volumes. The resulting year 2026 background (no-build) volumes are illustrated in **Exhibit 5**. The resulting year 2028 background (no-build) volumes are provided in the **Appendix** but were not considered as a scenario in the analysis. The TxDOT historical volumes are provided in the **Appendix**.

A four-year horizon scenario after the completion of the full site in 2028 was also considered. Year 2032 background (no-build) volumes were determined by increasing the background traffic using the 2% annual growth rate. The 2032 volumes are shown in **Exhibit 6**.

Site-Generated Traffic Volumes

Traffic generated by the development, known as trip generation, is calculated based upon methods and rates published in the *Institute of Transportation Engineers (ITE) Trip Generation Manual,* 11th Edition.

ITE publishes data for Charter Schools in the AM and PM peak hours but not weekday volumes, therefore only AM and PM data is provided in the trip generation table, shown in in **Table 1**.

Table 1. Projected Trip Generation

ITE	Use	Quantity	AM Peak Hour			PM Peak Hour		
			Total	In	Out	Total	In	Out
538	Charter School (K-12) - Generator (Middle School)	800 Students	701	372	329	503	252	251
538	Charter School (K-12) - Generator (High School)	1,200 Students	1,125	596	529	871	436	435
	Total:	2,000 Students	**1,826**	**968**	**858**	**1,374**	**688**	**686**

The site-generated traffic was distributed through the study area based upon the projected student enrollment area. The overall distribution, as well as the traffic assignment to individual site access points for the High School are shown in **Exhibit 7** and **Exhibit 8** and for the Middle School are shown in **Exhibit 10** and **Exhibit 11**.

The resulting site-related traffic volumes are shown in **Exhibit 9** and **Exhibit 12** for phase I and phase II respectively. The resulting full-site-related traffic volumes are shown in **Exhibit 13**.

[1] Texas Department of Transportation Planning and Programming Division's Statewide Traffic Analysis and Reporting System II, https://txdot.ms2soft.com/tcds/tsearch.asp?loc=Txdot&mod=. Accessed January 2024.

Background-Plus-Site (Build) Traffic Volumes

Background-plus-site (build) traffic forecasts were developed for each analysis scenario by adding the projected traffic generated by the proposed development for each phase to the 2026, 2028 and 2032 background (no-build) volumes. The resulting Background-Plus-High School volumes are summarized in **Exhibit 14** and **Exhibit 15.** The resulting Background-Plus-Full Site volumes are summarized in **Exhibit 16** and **Exhibit 17**.

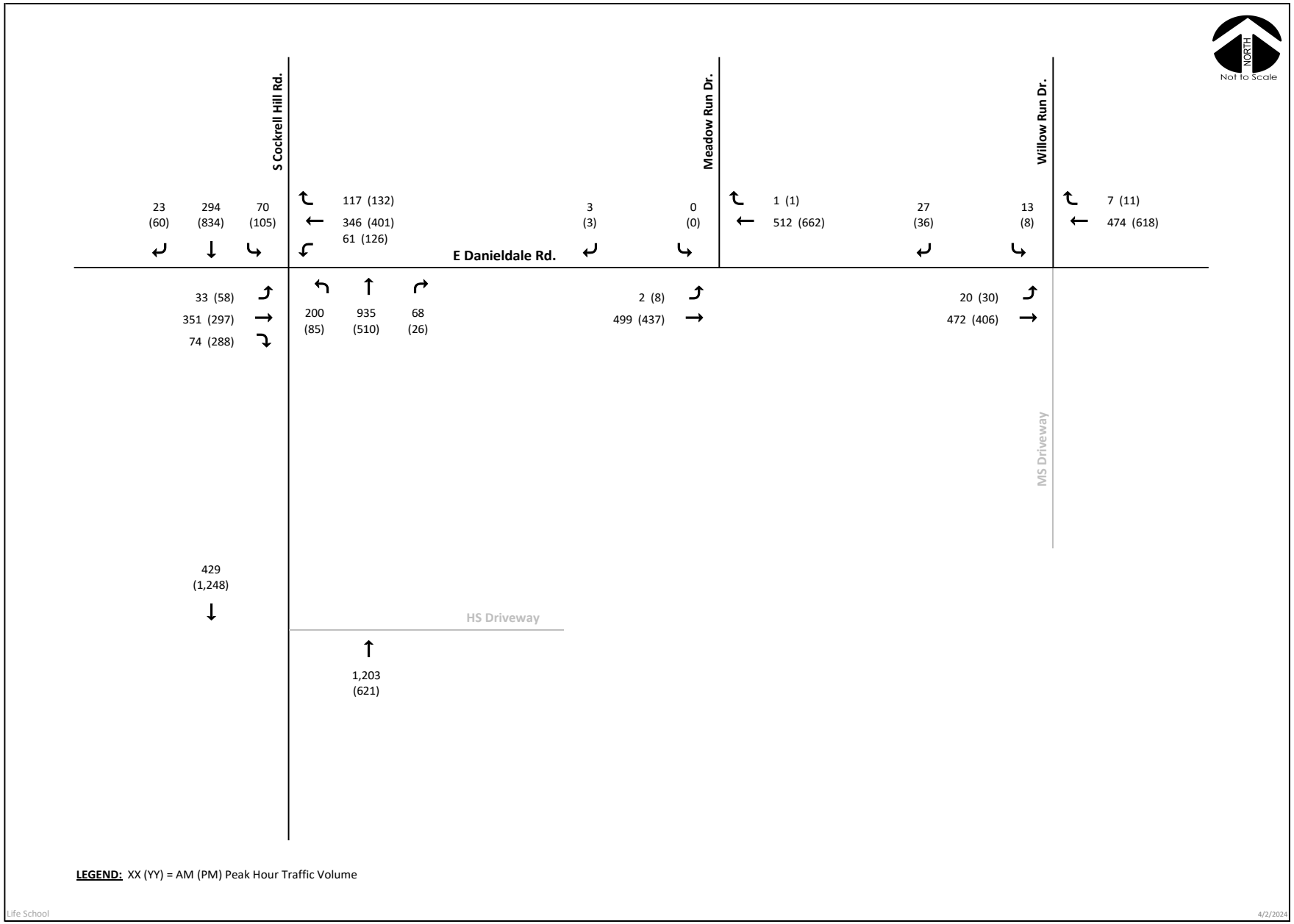


Exhibit 4. Year 2023 Existing Traffic Volumes

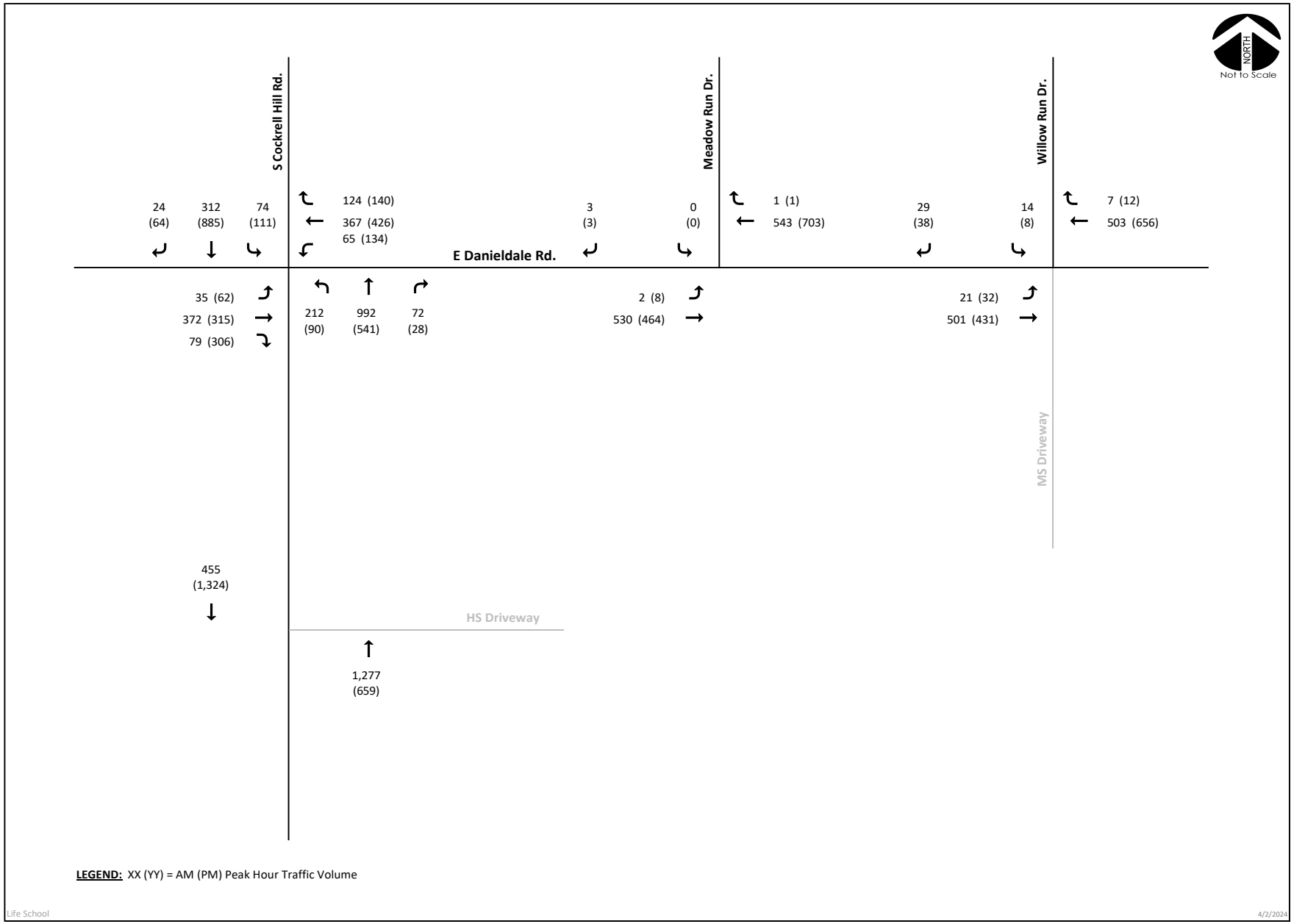


Exhibit 5. Year 2026 Background Traffic Volumes

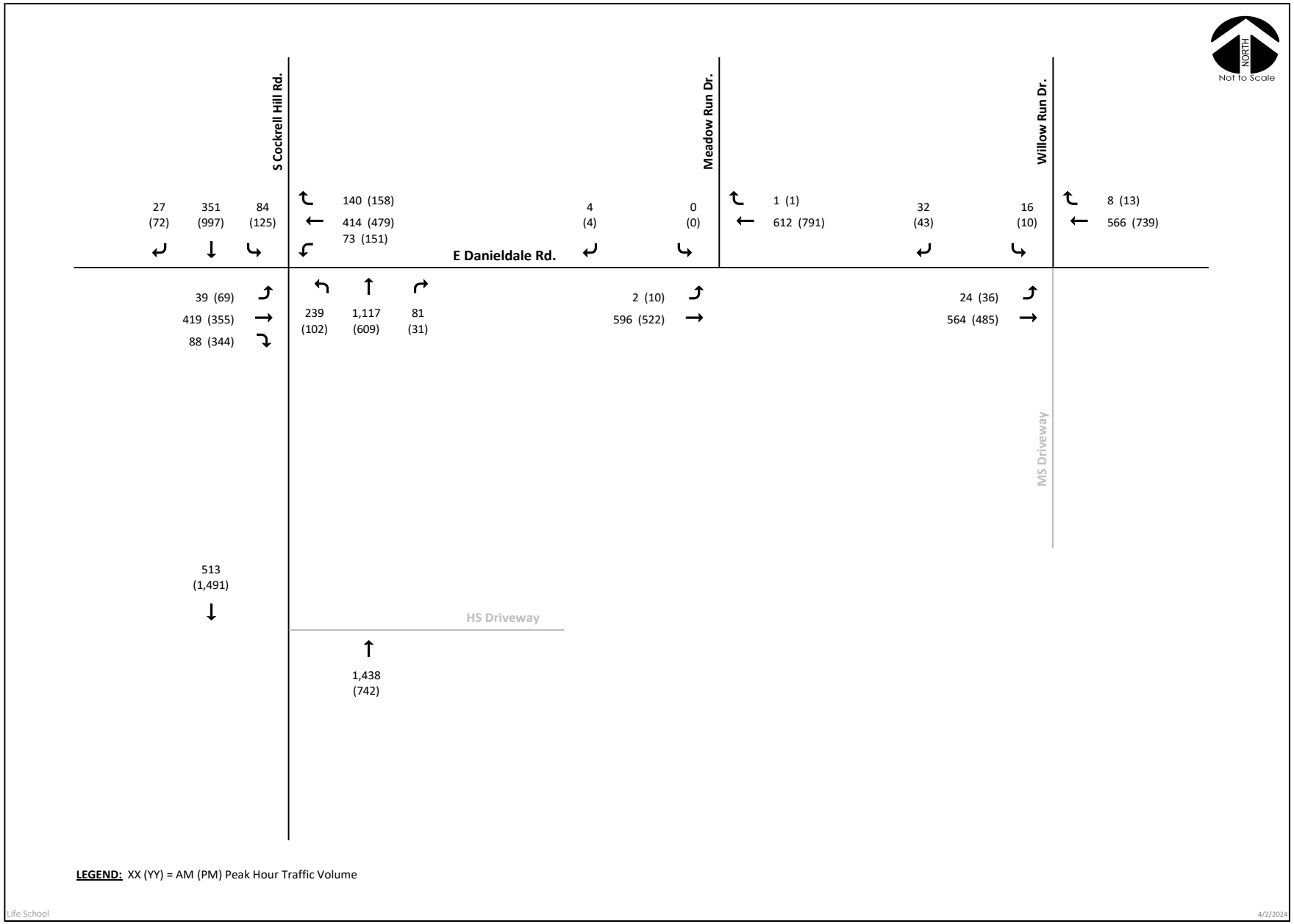


Exhibit 6. Year 2032 Background Traffic Volumes

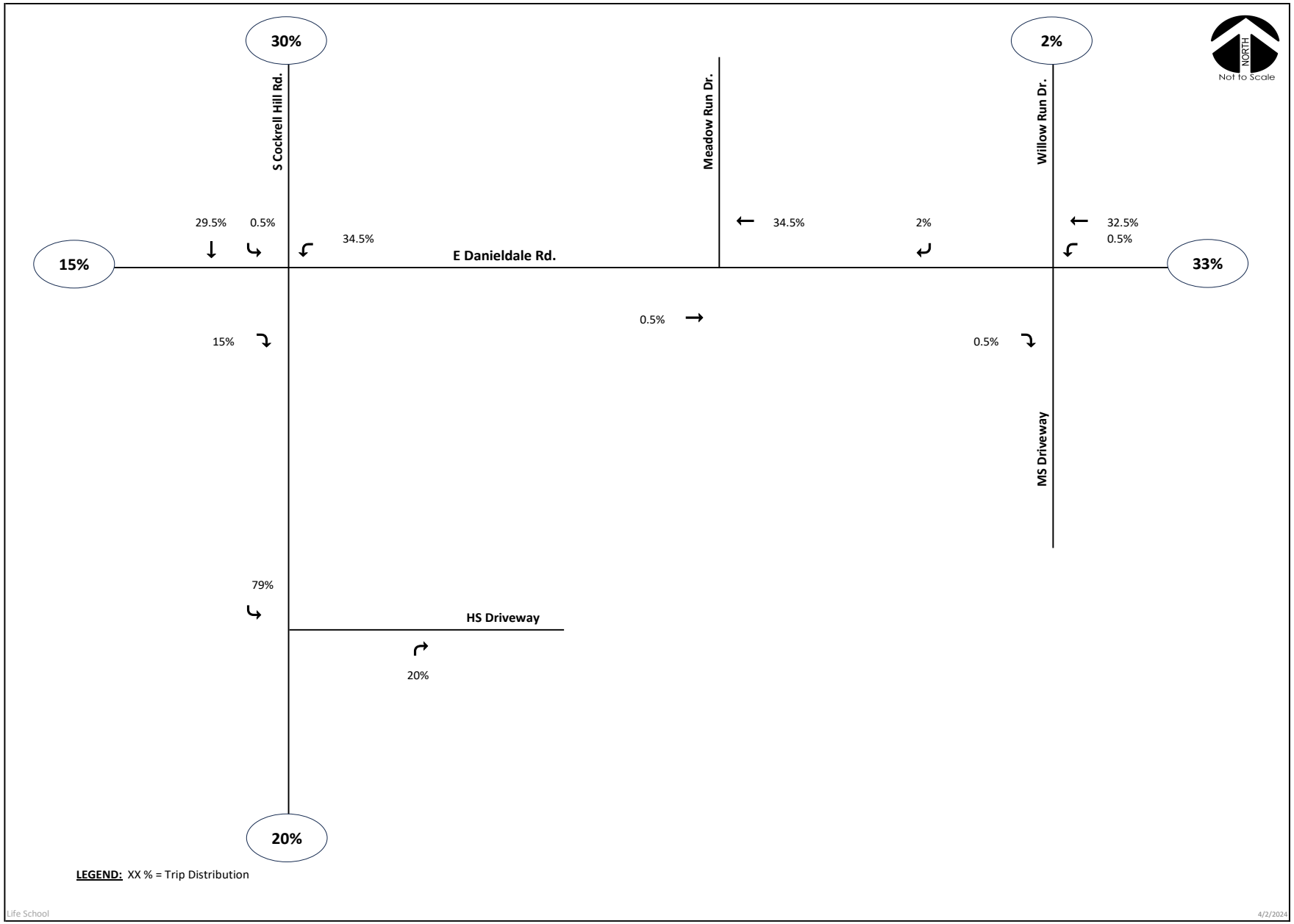


Exhibit 7. Inbound Trip Distrubution - High School

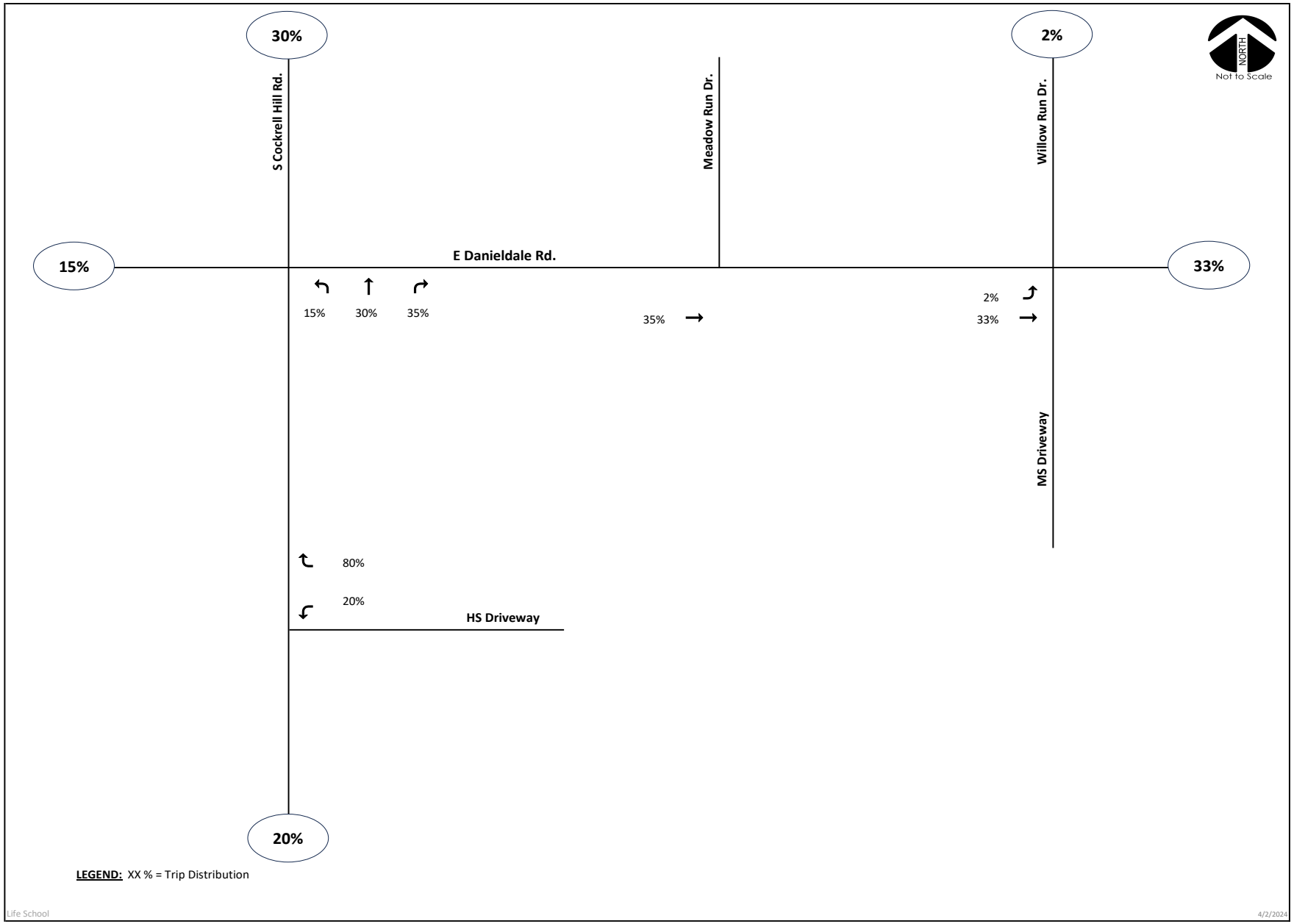


Exhibit 8. Outbound Trip Distrubution - High School

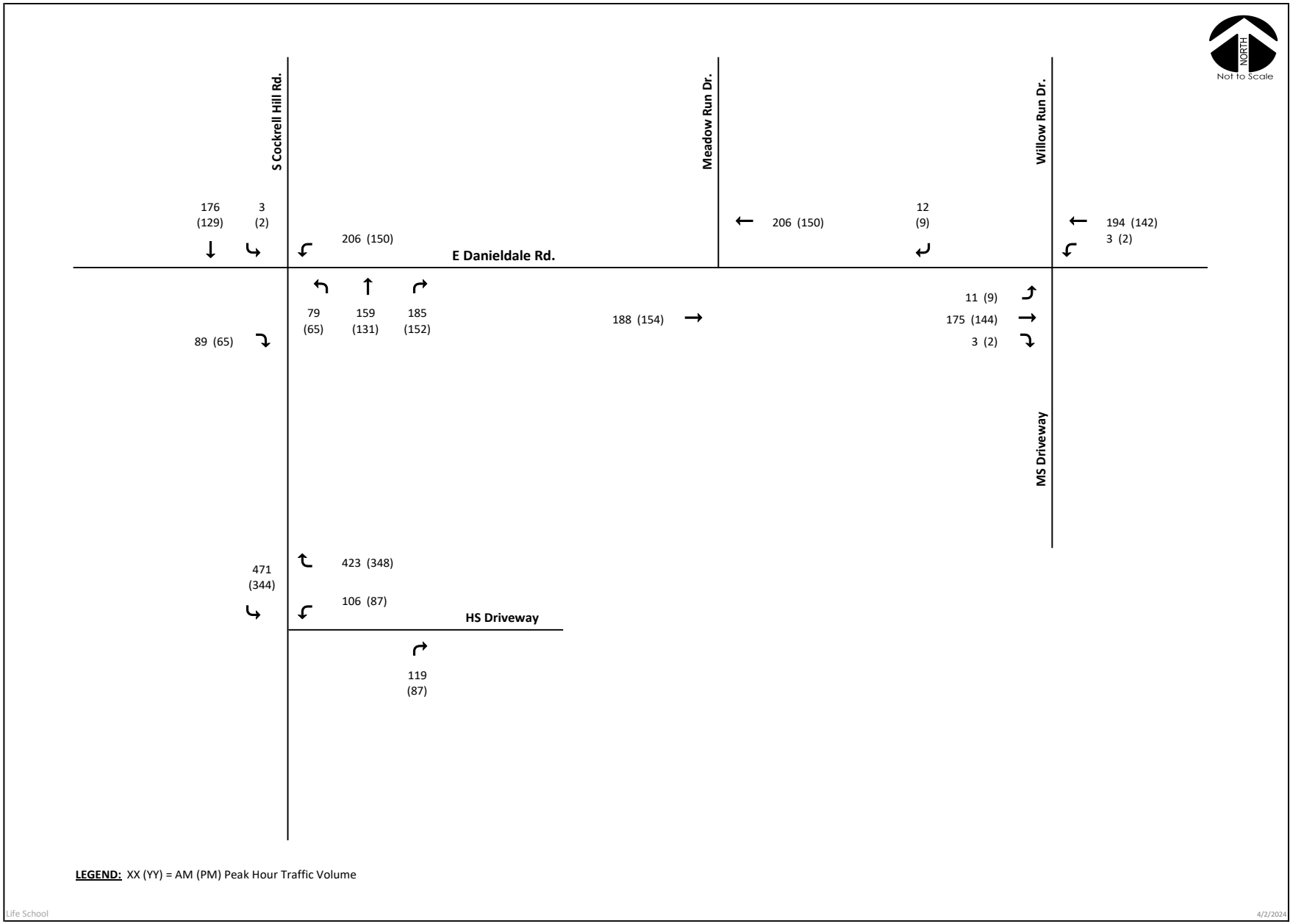


Exhibit 9. Site Traffic Volumes - High School

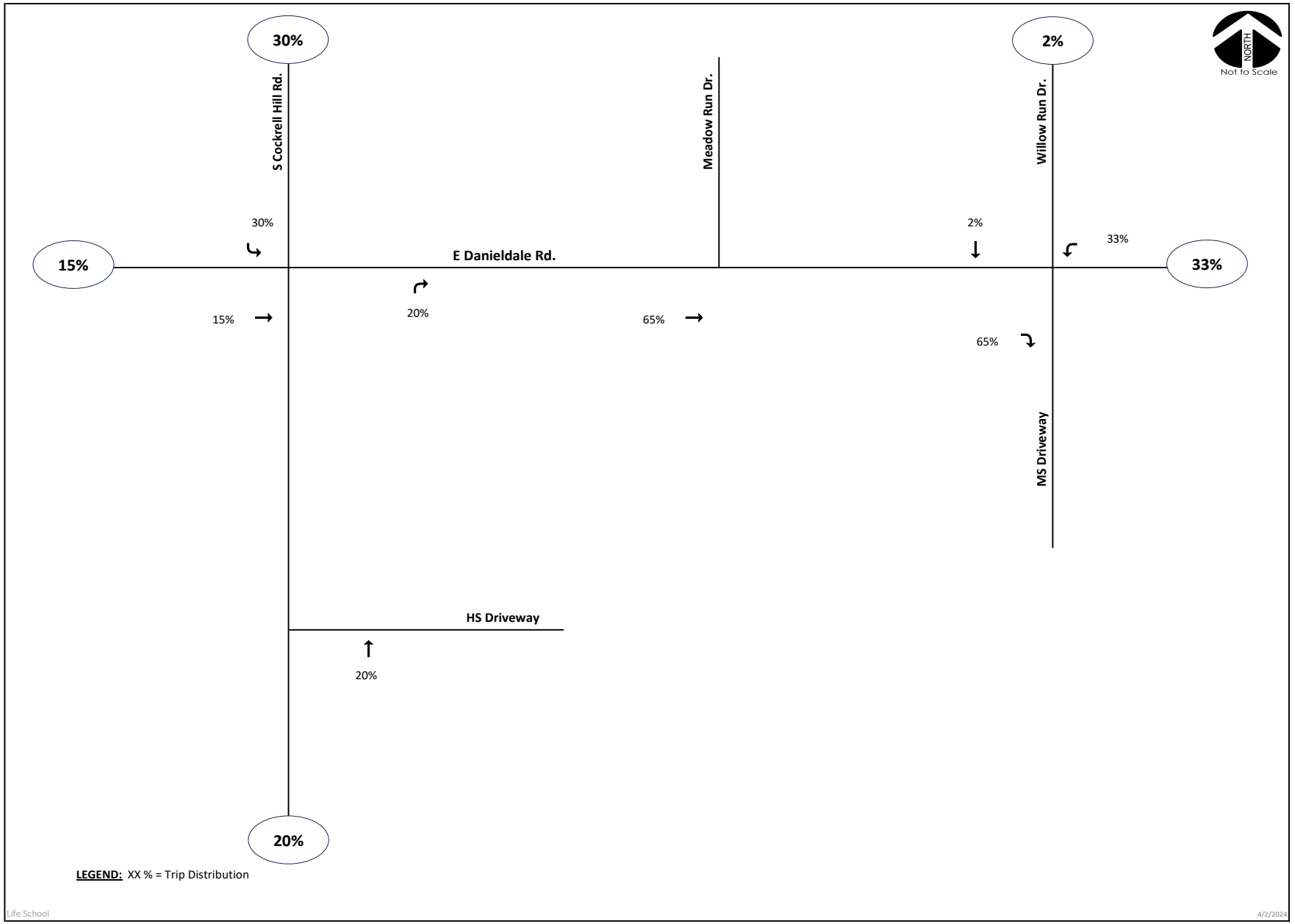


Exhibit 10. Inbound Trip Distrubution - Middle School

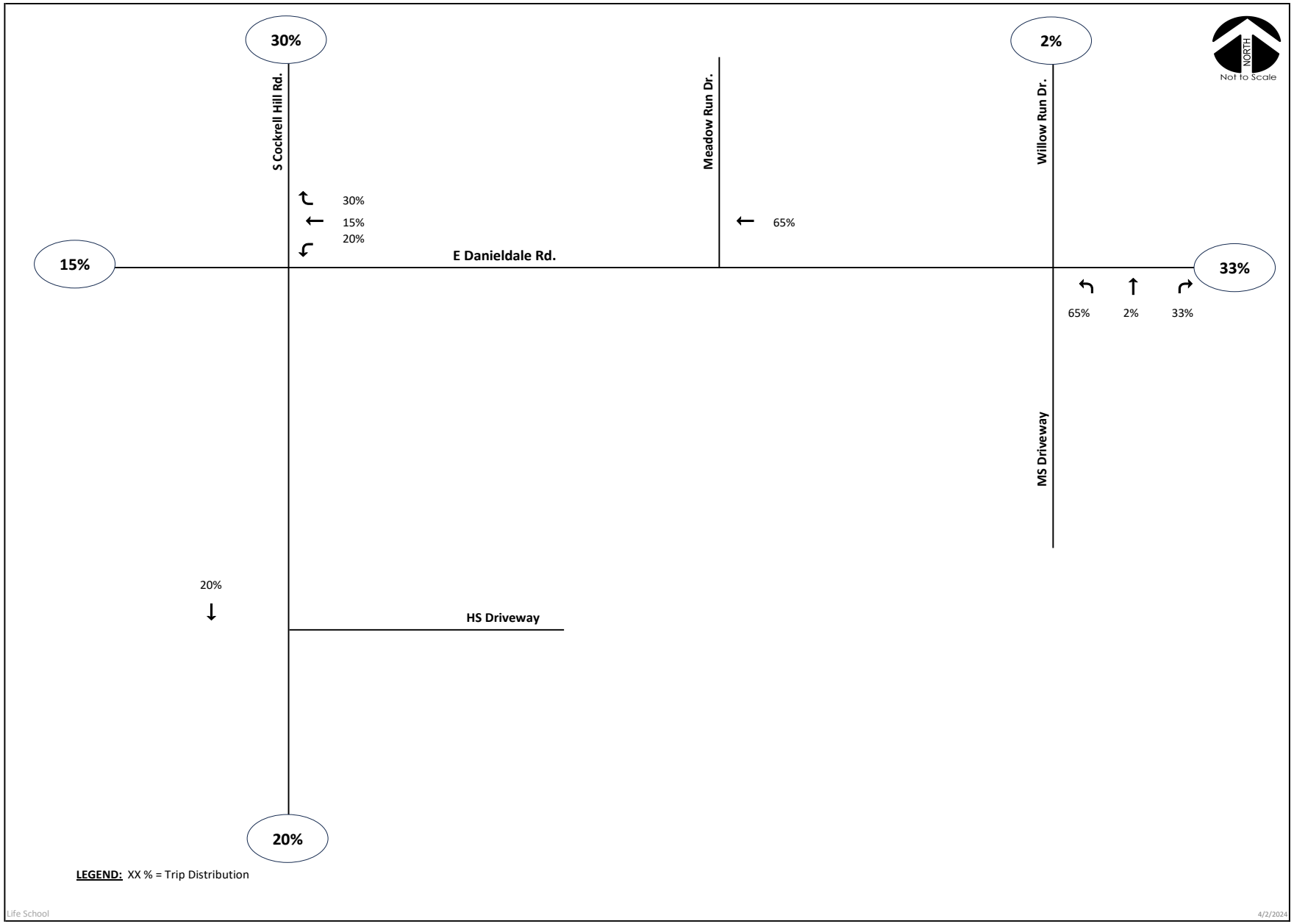


Exhibit 11. Outbound Trip Distrubution - Middle School

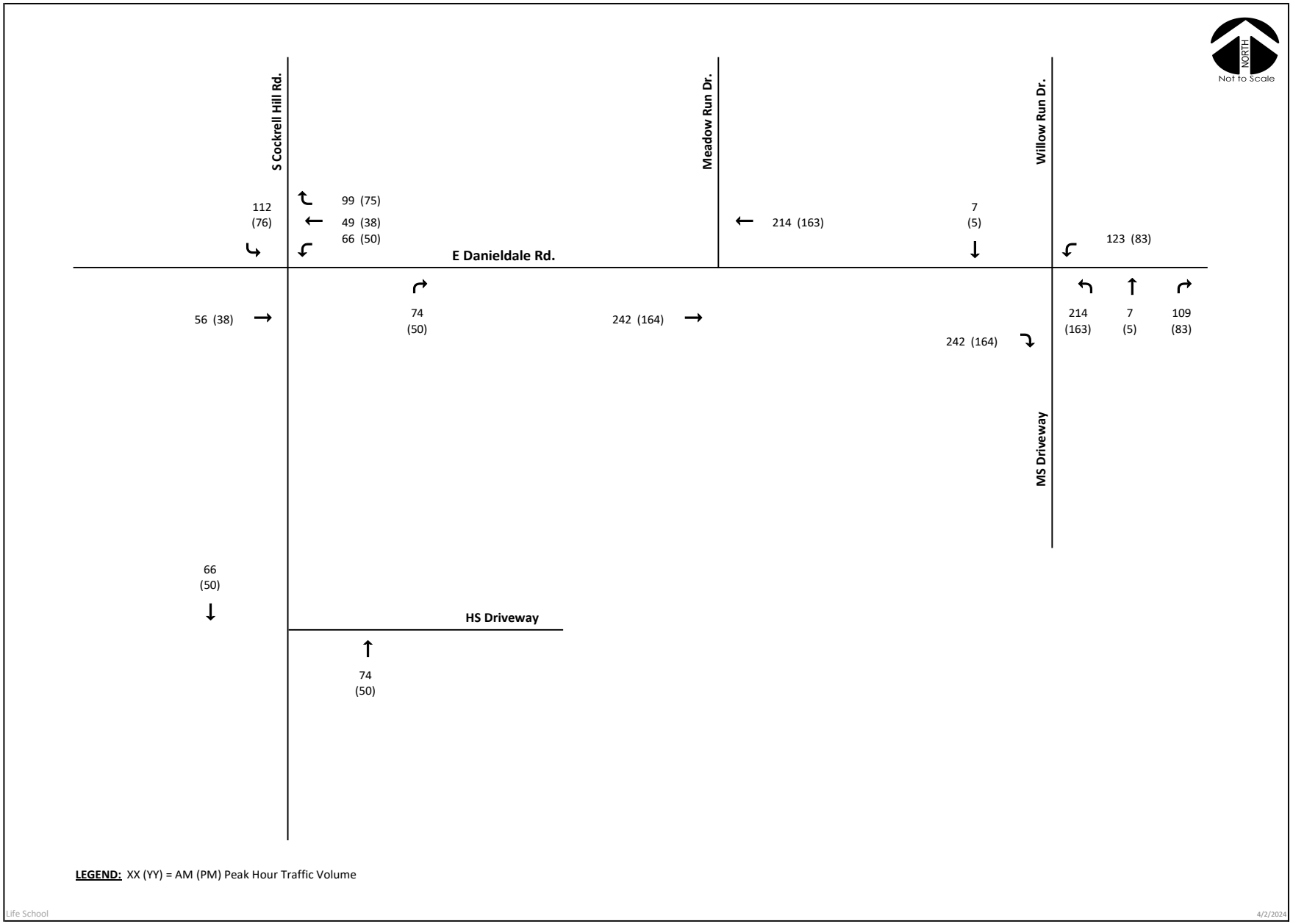


Exhibit 12. Site Traffic Volumes - Middle School

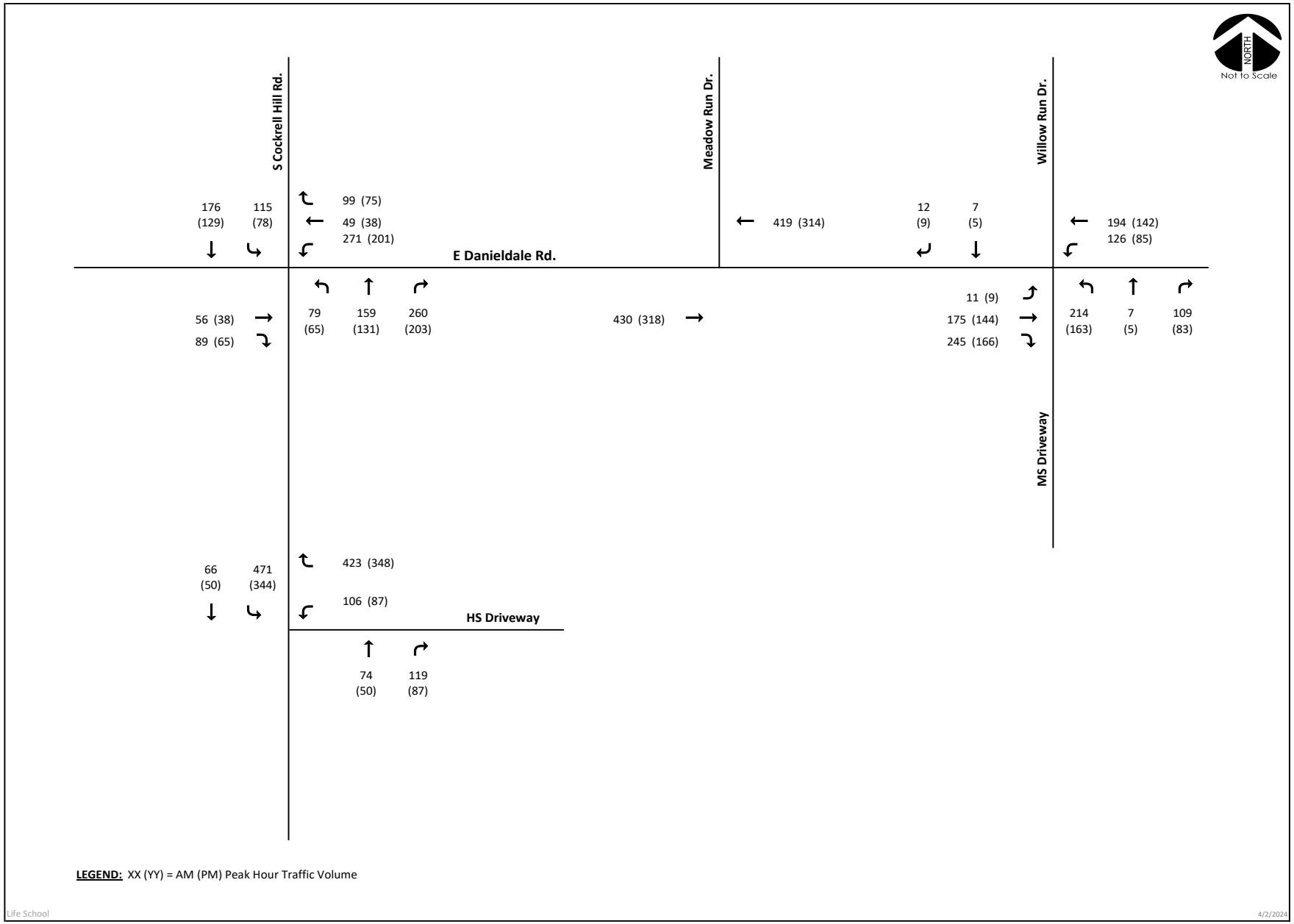


Exhibit 13. Site Traffic Volumes - High School + Middle School

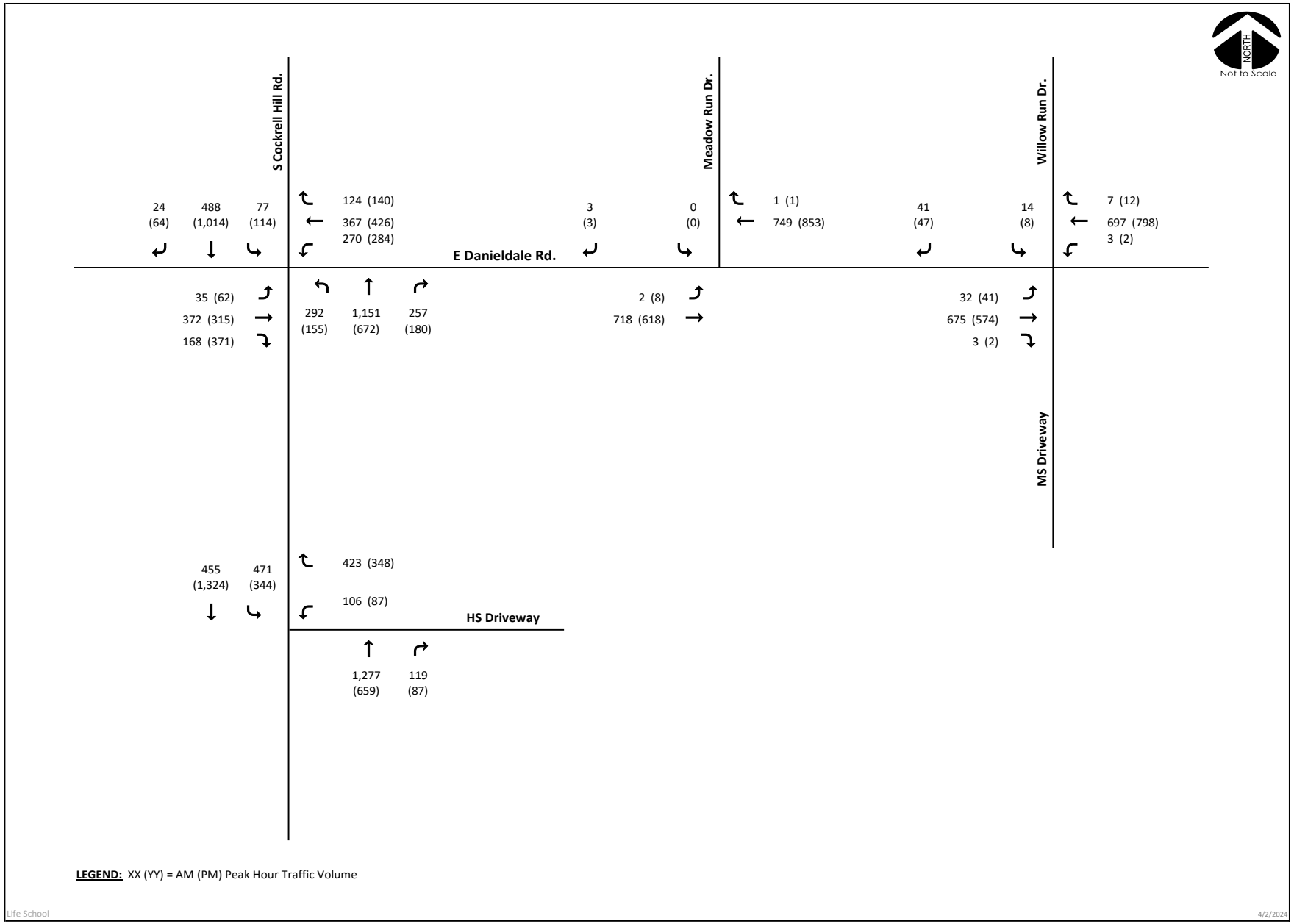


Exhibit 14. Year 2026 Background Plus High School Site Traffic Volumes

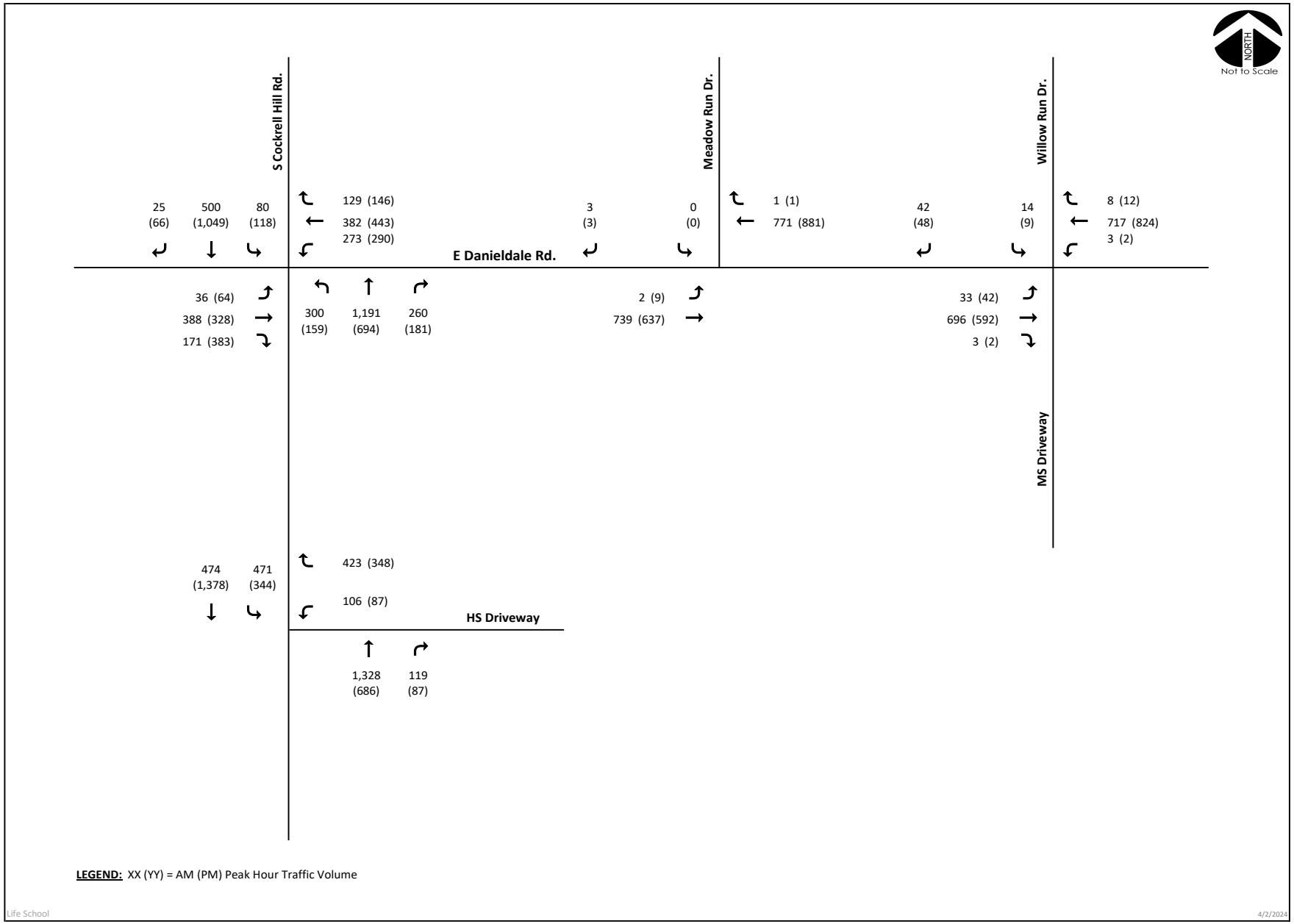


Exhibit 15. Year 2028 Background Plus High School Site Traffic Volumes

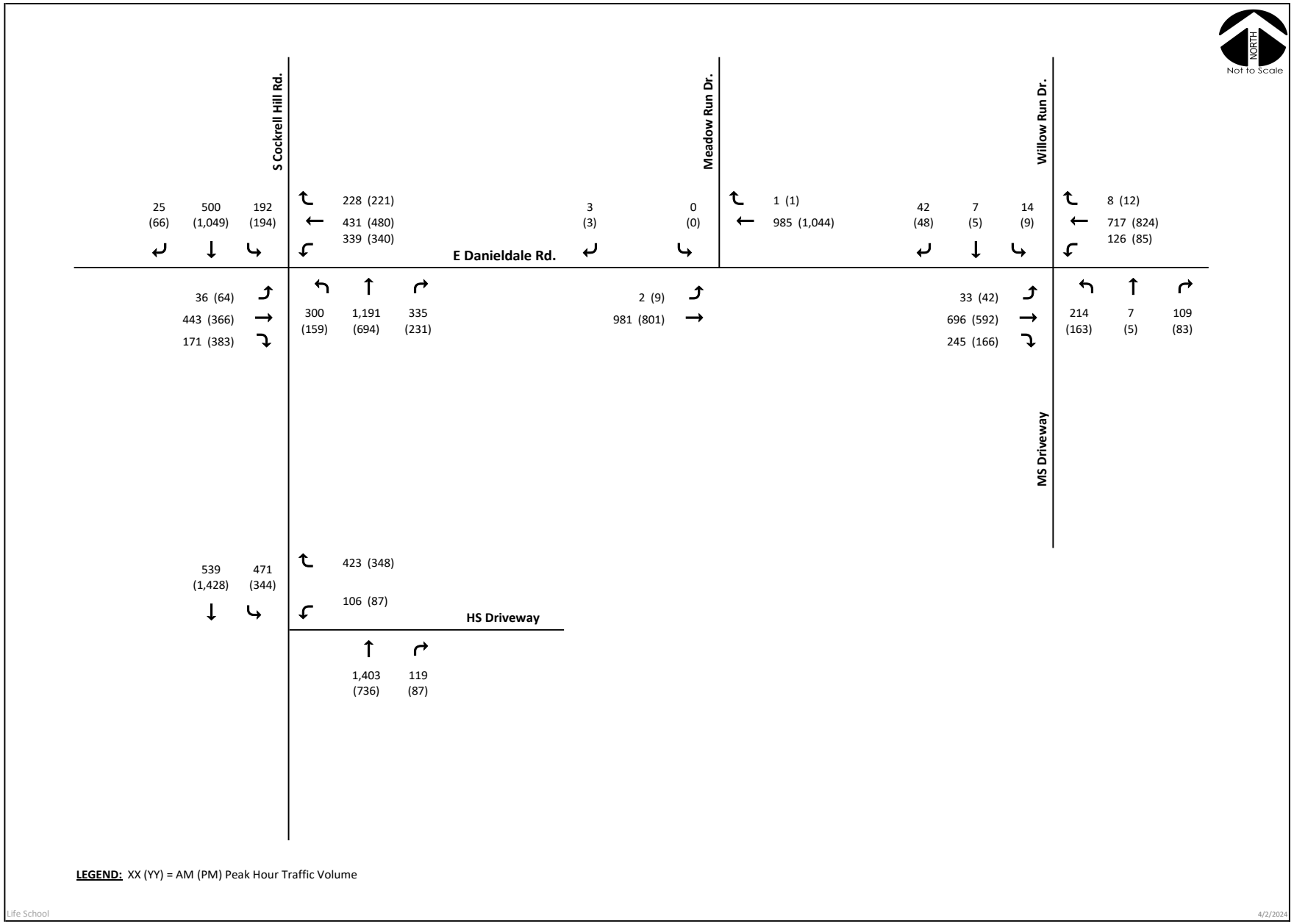


Exhibit 16. Year 2028 Background Plus Full Site Traffic Volumes

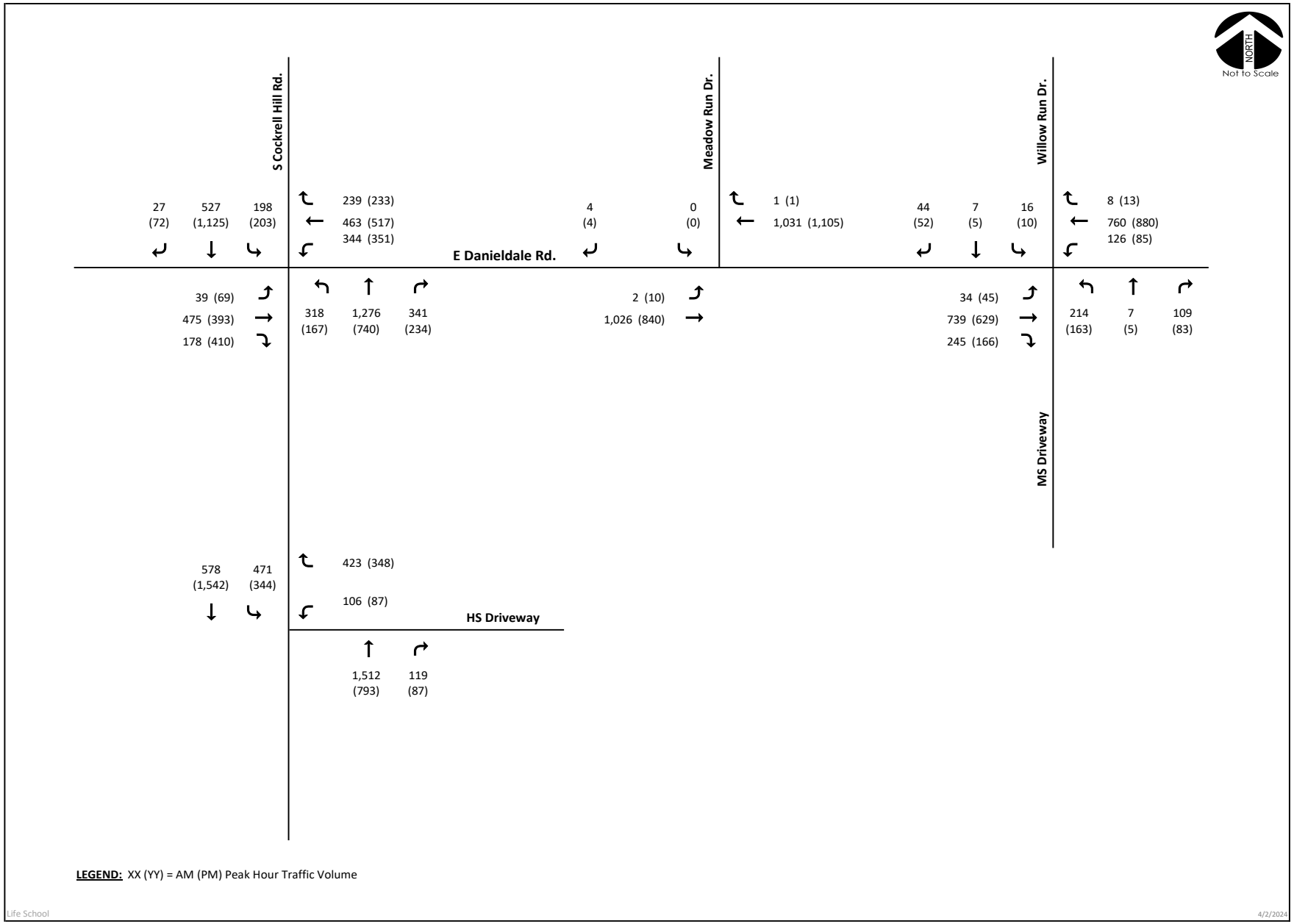


Exhibit 17. Year 2032 Background Plus Full Site Traffic Volumes

TRAFFIC IMPACT ANALYSIS

Intersection Capacity Analysis – Methodology

Intersection capacity analysis was conducted for the study intersections following the guidelines contained in the *Highway Capacity Manual*. Intersections are assigned a "level of service" (LOS) letter grade for the peak hour of traffic based upon the number of lanes at the intersection, traffic volumes, and traffic control. Level of Service A (LOS A) represents light traffic flow (free-flow conditions) while LOS F represents heavy traffic flow (over-capacity conditions). LOS D is typically considered acceptable in the region. Individual movements are also assigned LOS grades. It is important to note that one or more individual movement(s) typically operate at LOS F when the overall intersection is operating at LOS D.

The following table summarizes the LOS criteria for signalized and unsignalized intersections as defined in the *Highway Capacity Manual,* 6th Edition.

Intersection LOS Criteria

	Signalized Intersection Average Total Delay (Seconds/Vehicle)	**Unsignalized Intersection** Average Total Delay (Seconds/Vehicle)
LOS A	≤ 10	≤ 10
LOS B	> 10 - ≤ 20	> 10 - ≤ 15
LOS C	> 20 - ≤ 35	> 15 - ≤ 25
LOS D	> 35 - ≤ 55	> 25 - ≤ 35
LOS E	> 55 - ≤ 80	> 35 - ≤ 50
LOS F	> 80	> 50

Obtained from Highway Capacity Manual, 6th Edition, Exhibits 19-8, 20-2, and 21-8

The LOS calculations for this analysis were conducted in accordance with the *Highway Capacity Manual,* 6th Edition, using *Synchro 11*. Detailed Synchro reports summarizing analysis data for each scenario are provided in the **Appendix**.

Intersection Capacity Analysis

The study area was analyzed considering each scenario (existing, background, and background-plus-site) to determine the projected impact that the proposed development will have on the roadway system. The LOS results are shown in **Table 2**. LOS results are based upon the existing and planned traffic control and lane configurations using the current signal timing obtained from site visits.

When existing truck traffic percentages were greater than 2% per movement, actual truck percentages were used. When existing Peak Hour Factors, PHF, were less than 0.92, actual PHF were used. A PHF of 0.65 was used for intersections with school driveways since school traffic arrival and dismissal is concentrated into a small time period instead of being spread out though the hour.

Table 2. Intersection LOS Summary with Existing Geometry

Int. #	Intersection		2023 Existing		2026 Background		2026 Bkgd.-Plus-HS		2028 Bkgd.-Plus-HS		2028 Bkgd.-Plus-Site		2032 Background		2032 Bkgd.-Plus-Site	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14
			AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
			LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)	LOS Delay (Sec)
Signalized Intersection:	**Approach**															
101	E Danieldale Rd. at S Cockrell Hill Rd.	EB	D (39.2)	E (55.9)	D (38.9)	E (64.7)	D (38.1)	F (112.2)	D (38.3)	F (120.8)	D (38.8)	F (117.3)	D (38.2)	F (87.3)	D (39.3)	F (137.1)
		WB	D (38.3)	D (49.8)	D (37.9)	D (54.7)	F (90.7)	F (249.1)	F (92.6)	F (253.6)	F (140.2)	F (>300)	D (37.5)	E (67.4)	F (142.9)	F (325.7)
		NB	A (10.0)	B (18.1)	B (10.5)	B (18.6)	B (13.1)	C (21.8)	B (13.6)	C (22.6)	B (16.3)	C (24.6)	B (11.9)	B (19.8)	B (17.6)	C (26.5)
		SB	A (9.8)	C (20.7)	B (10.4)	C (21.5)	B (14.4)	C (26.5)	B (14.9)	C (27.5)	B (15.7)	C (27.7)	B (11.8)	C (23.7)	B (16.8)	C (30.6)
		Overall	**C (21.2)**	**C (34.6)**	**C (21.4)**	**D (38.1)**	**D (35.2)**	**F (95.5)**	**D (35.9)**	**F (98.9)**	**D (52.0)**	**F (120.2)**	**C (22.1)**	**D (46.9)**	**D (53.2)**	**F (127.4)**
Unsignalized Intersection:	**Approach**															
201	E Danieldale Rd. at Meadow Run Dr.	SB	B (11.1)	B (12.5)	B (11.2)	B (12.8)	B (12.5)	B (14.0)	B (12.6)	B (14.3)	B (14.2)	C (15.9)	B (11.7)	B (13.5)	B (14.6)	C (16.7)
		EBL	B (10.9)	B (13.2)	B (11.2)	B (13.7)	B (13.0)	C (15.9)	B (13.3)	C (16.4)	C (15.9)	C (19.7)	B (11.7)	B (15.0)	C (16.6)	C (21.2)
202	E Danieldale Rd. at MS Driveway	NB					-- (0.0)[A]	-- (0.0)[A]	-- (0.0)[A]	-- (0.0)[A]	F (>300)[B]	F (>300)			F (>300)[B]	F (>300)[B]
		NB Rt 95th % Veh Queue					-- veh	-- veh	-- veh	-- veh	20 veh[C]	24 veh[C]			22 veh[C]	21 veh[C]
		NB Lt 95th % Veh Queue					-- veh	-- veh	-- veh	-- veh	20 veh[C]	23 veh[C]			26 veh[C]	27 veh[C]
		SB	C (17.1)	C (18.5)	C (18.3)	C (19.8)	D (30.0)	D (28.2)	D (32.5)	D (32.2)	F (>300)[B]	F (>300)[B]	C (22.0)	D (25.4)	F (>300)[B]	F (>300)[B]
		95th % Veh Queue	1 veh	1 veh	1 veh	1 veh	2 veh	2 veh	2 veh	2 veh	3 veh[C]	7 veh[C]	1 veh	1 veh	12 veh[C]	12 veh[C]
		EBL	B (13.0)	C (15.1)	B (13.5)	C (16.0)	C (18.2)	C (20.5)	C (18.9)	C (21.5)	C (18.9)	C (21.5)	B (14.7)	C (18.3)	C (20.3)	C (24.3)
		WBL					B (14.8)	B (13.2)	C (15.1)	B (13.4)	F (65.2)	C (23.3)			F (80.5)	D (25.4)
		95th % Veh Queue					0 veh	0 veh	0 veh	0 veh	6 veh	2 veh			7 veh	2 veh
203	S Cockrell Hill Rd. at HS Driveway	WB					F (>300)	F (148.2)	F (>300)	F (163.8)	F (>300)	F (196.1)			F (>300)	F (235.0)
		WB Rt 95th % Veh Queue					59 veh	22 veh	60 veh	23 veh	62 veh	25 veh			65 veh	27 veh
		WB Lt 95th % Veh Queue					>65 veh[D]	>65 veh[D]	>65 veh[D]	>65 veh[D]	>65 veh[D]	>65 veh[D]			>65 veh[D]	>65 veh[D]
		SBL					F (>300)	F (>300)	F (>300)	F (>300)	F (>300)	F (>300)			F (>300)	F (>300)
		95th % Veh Queue					81 veh	31 veh	82 veh	33 veh	83 veh	35 veh			85 veh	38 veh

A. Middle School Driveway is used by buses to enter but not to exit.
B. Delay could not be computed, assumed to be greater than 300 seconds.
C. Queue based on Sim Traffic Reports instead of HCM 6th Reports.
D. Queue could not be computed, assumed to be greater than max WB queue that could be computed (66 vehicles)

1. A, B, C, D, E, or F represents the level of service for the turning movement.
2. The number in parenthesis is the average delay (in seconds) for the respective turning movement.
3. When there is no turning movement in the scenario, "--" is noted.
4. NB, SB, EB, WB = Northbound, Southbound, Eastbound, or Westbound; L, T, R = Left, Through, or Right

Intersection Analysis Results and Recommended Mitigations

The following mitigation is recommended to improve existing roadway LOS and LOS once the school is open.

- **E Danieldale Road at S Cockrell Hill Road** – The eastbound approach is shown to operate at LOS E considering the existing volumes. Considering the addition of school traffic, the westbound approach begins operating at LOS F as well. The following four options are possible mitigation strategies.

  Option 1 – Striping East and Westbound Exclusive Right-turn Lanes – The east- and westbound approaches both have considerable existing right-turn traffic, 132 westbound right-turns and 288 eastbound right-turns. Therefore, it is recommended to provide exclusive right-turn lanes by restripe the existing shared through/right-turn lanes into an exclusive right-turn lane. This is shown to improve east and westbound delays, as summarized in **Table 3**, but does not achieve LOS D or better.

  Option 2 – Optimizing Intersection Cycle Length – Optimizing the E Danieldale Road at Cockrell Hill Road signal from 90 seconds to 110 seconds in the AM peak hour and optimize the splits in the PM peak hour in conjunction with the east- and westbound restriping from option 1 is shown in **Table 3** to improve overall intersection LOS and to improve AM peak hour overall LOS to D or better. This signal timing option might not be feasible due to signal coordination with other traffic signals on E Danieldale Road.

  Option 3 – East and Westbound Right-turn Overlap Phases – Due to the high right-turn volumes, a right-turn overlap phases for the east and westbound approaches is recommended in conjunction with the striping of exclusive right-turn lanes from option 1 and the cycle length optimization of option 2. With this mitigation, the intersection is projected to operate with overall LOS D or better in all scenarios except the 2032 PM peak hour considering both Middle School and High School traffic, as shown in **Table 3.** The signal timing option might not be feasible due to signal coordination with other traffic signals on E Danieldale Road.

  Option 4 – Dual Eastbound Right-turn and Dual Westbound Left-turn Lanes – In order to achieve LOS D or better at all approaches additional capacity is needed. Dual eastbound right-turn lanes and dual westbound left-turn lanes in addition to the restriping of existing shared through and right-turn lanes into exclusive right-turn lanes from option 1, optimized cycle length from option 2, and right-turn overlap phases from option 3 are shown to result in LOS D or better for all approaches as shown in **Table 3.** However, the right-of-way on the eastbound and westbound approaches appears to be limited. In addition to signal coordination concerns this option is not feasible and is included purely for reference to demonstrate what is needed in order to achieve LOS D or better at all intersection approaches.

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Table 3. E Danieldale Road at S Cockrell Hill Road LOS with Recommendations

Intersection #	Intersection		2023 Existing				2026 Background				2026 Bkgd.-Plus-HS				2028 Bkgd.-Plus-HS				2028 Bkgd.-Plus-Full Site				2032 Background				2032 Bkgd.-Plus-Full Site			
			1		2		3		4		5		6		7		8		9		10		11		12		13		14	
			AM		PM		AM		PM		AM		PM		AM		PM		AM		PM		AM		PM		AM		PM	
			LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)
Signalized Intersection:		**Approach**																												
Option 1	101 E Danieldale Rd. at S Cockrell Hill Rd.	EB	D	(38.0)	E	(55.9)	D	(37.6)	E	(64.6)	D	(38.5)	F	(112.1)	D	(38.7)	F	(120.7)	D	(38.2)	F	(117.1)	D	(37.7)	F	(87.1)	D	(38.4)	F	(136.8)
		WB	C	(30.3)	D	(40.7)	C	(29.7)	D	(42.6)	F	(87.6)	F	(136.5)	F	(90.7)	F	(145.7)	F	(138.0)	F	(204.1)	C	(28.6)	D	(49.2)	F	(140.4)	F	(225.2)
		NB	B	(10.5)	C	(27.7)	B	(11.1)	C	(28.3)	B	(12.3)	C	(31.4)	B	(12.7)	C	(32.3)	B	(15.4)	C	(33.8)	B	(12.5)	C	(29.8)	B	(11.8)	D	(35.7)
		SB	B	(10.4)	C	(20.7)	B	(11.0)	C	(21.6)	B	(13.9)	C	(26.4)	B	(14.4)	C	(27.4)	B	(15.5)	C	(27.9)	B	(12.5)	C	(23.7)	B	(16.2)	C	(31.0)
		Overall	**B**	**(19.6)**	**C**	**(34.5)**	**B**	**(19.8)**	**D**	**(37.3)**	**C**	**(34.1)**	**E**	**(71.2)**	**D**	**(35.0)**	**E**	**(75.7)**	**D**	**(51.0)**	**F**	**(92.9)**	**C**	**(20.5)**	**D**	**(44.8)**	**D**	**(50.0)**	**F**	**(103.5)**
Option 2	101 E Danieldale Rd. at S Cockrell Hill Rd.	EB	D	(50.6)	F	(89.3)	D	(51.1)	F	(103.2)	D	(54.2)	F	(168.0)	D	(54.9)	F	(178.6)	E	(55.3)	F	(172.8)	D	(52.6)	F	(133.8)	E	(57.1)	F	(196.9)
		WB	D	(45.7)	D	(38.8)	D	(45.2)	D	(39.3)	D	(36.1)	D	(39.1)	D	(36.2)	D	(40.8)	D	(37.4)	E	(58.5)	D	(44.3)	D	(40.4)	D	(37.9)	E	(65.8)
		NB	A	(9.7)	C	(27.9)	B	(10.3)	C	(28.8)	B	(17.7)	D	(39.2)	B	(18.3)	D	(40.5)	C	(24.8)	D	(42.3)	B	(11.7)	C	(31.1)	C	(26.2)	D	(45.1)
		SB	A	(9.7)	C	(20.9)	B	(10.4)	C	(22.2)	C	(20.9)	D	(47.3)	C	(21.6)	D	(53.6)	C	(25.9)	D	(54.6)	B	(11.9)	C	(25.7)	C	(28.4)	E	(71.7)
		Overall	**C**	**(24.7)**	**D**	**(41.6)**	**C**	**(25.1)**	**D**	**(45.5)**	**C**	**(28.7)**	**E**	**(68.5)**	**C**	**(29.2)**	**E**	**(73.5)**	**C**	**(33.4)**	**E**	**(76.9)**	**C**	**(26.0)**	**D**	**(54.1)**	**C**	**(34.8)**	**F**	**(90.1)**
Option 3	101 E Danieldale Rd. at S Cockrell Hill Rd.	EB	D	(49.4)	D	(50.1)	D	(49.8)	E	(56.0)	D	(46.8)	E	(62.9)	D	(47.1)	E	(67.0)	D	(49.4)	E	(65.6)	D	(51.2)	E	(69.4)	D	(51.0)	E	(78.9)
		WB	D	(44.6)	D	(37.4)	D	(44.1)	D	(37.8)	D	(35.7)	D	(37.8)	D	(35.6)	D	(39.4)	D	(35.6)	E	(55.7)	D	(43.2)	D	(38.7)	D	(35.9)	E	(62.8)
		NB	A	(9.7)	C	(27.9)	B	(10.3)	C	(28.8)	B	(17.7)	D	(39.2)	B	(18.3)	D	(40.5)	C	(24.8)	D	(42.3)	B	(11.7)	C	(31.1)	C	(26.2)	D	(45.1)
		SB	A	(9.7)	C	(20.9)	B	(10.4)	C	(22.2)	C	(20.8)	D	(47.3)	C	(21.6)	D	(53.6)	C	(25.9)	D	(54.6)	B	(11.9)	C	(25.7)	C	(28.4)	E	(71.7)
		Overall	**C**	**(24.3)**	**C**	**(32.6)**	**C**	**(24.6)**	**C**	**(34.6)**	**C**	**(27.3)**	**D**	**(46.4)**	**C**	**(27.7)**	**D**	**(50.0)**	**C**	**(31.9)**	**D**	**(54.5)**	**C**	**(25.5)**	**D**	**(39.5)**	**C**	**(33.3)**	**E**	**(65.3)**
Option 4*	101 E Danieldale Rd. at S Cockrell Hill Rd.	EB	D	(37.4)	C	(32.8)	D	(37.5)	C	(32.3)	C	(35.0)	C	(31.8)	D	(35.0)	C	(31.9)	D	(35.9)	C	(33.0)	D	(37.8)	C	(31.5)	D	(36.3)	C	(33.7)
		WB	C	(29.6)	C	(33.8)	C	(29.1)	C	(33.7)	C	(27.0)	C	(28.8)	C	(26.8)	C	(29.0)	C	(27.2)	C	(30.5)	C	(28.5)	C	(33.9)	C	(27.3)	C	(32.3)
		NB	A	(1.5)	B	(14.3)	A	(1.6)	B	(15.4)	A	(2.0)	C	(20.6)	A	(2.0)	C	(21.6)	A	(3.9)	C	(24.3)	A	(1.7)	B	(18.0)	A	(4.5)	C	(26.4)
		SB	B	(10.4)	B	(16.3)	B	(11.0)	B	(17.9)	B	(15.9)	C	(26.9)	B	(16.5)	C	(28.8)	B	(16.9)	C	(29.4)	B	(12.4)	C	(21.7)	B	(18.1)	C	(34.9)
		Overall	**B**	**(15.3)**	**C**	**(23.5)**	**B**	**(15.4)**	**C**	**(24.2)**	**B**	**(15.7)**	**C**	**(26.9)**	**B**	**(15.8)**	**C**	**(27.8)**	**B**	**(17.8)**	**C**	**(29.3)**	**B**	**(15.6)**	**C**	**(25.9)**	**B**	**(18.2)**	**C**	**(32.2)**

*Option 4 does not appear to be feasible due to limited ROW, shown for information purposes only.

- **E Danieldale Road at Middle School Driveway** – During Phase I when only the High School is operational the only traffic using the Middle School driveway will be school buses. The High School is projected to operate 6 school buses and they will arrive on campus via the Middle School Driveway and exit campus via the High School driveway. These buses are projected not to result in delays at the E Danieldale Road/Middle School Driveway intersection.

  After the buildout of the Middle School the northbound and southbound approaches are shown to operate at LOS F along with the westbound left-turn into the Middle School driveway. A preliminary traffic signal warrant analysis (TSWA) based on traffic counts collected between 6:30 AM and 6:00 PM shows traffic is expected to meet the 4-hour and peak hour traffic volume warrants for the construction of a traffic signal. The results of the preliminary TSWA are shown in **Table 5**.

  It is recommended to construct a traffic signal at E Danieldale Road and Willow Run Drive/Middle School driveway with the buildout of the Middle School in 2028. When analyzed as a signalized intersection, all intersection approaches are projected to operate at LOS D or better, as shown in **Table 4**.

- **S Cockrell Hill Road at High School Driveway** – The westbound approach and the southbound left-turn are both projected to operate at LOS F with the opening of the High School. A preliminary traffic signal warrant analysis (TSWA) based on traffic counts collected between 6:30 AM and 6:00 PM shows traffic is expected to meet the 4-hour and peak hour traffic volume warrants for the construction of a traffic signal. The results of the preliminary TSWA are shown in **Table 5**.

  It is recommended to construct a traffic signal at S Cockrell Hill Road and High School Driveway with the buildout of the High School in 2026. When analyzed as a signalized intersection, S Cockrell Hill Road's northbound and southbound approaches are projected to operate at LOS D or better, westbound traffic exiting the school is projected to operate at LOS E, as shown in **Table 4**. The

westbound traffic only exceeds LOS D by nine (9) seconds which is not unreasonable for a school driveway during arrival and dismissal time. Additionally, the queue of 15 vehicles can be accommodated on site and traffic on the main road is projected to operate at acceptable LOS, therefore it is recommended the City approve the signal even though it does not operate at LOS D or better for all approaches or use two licensed peace officers for arrival and dismissal periods.

Table 4. School Driveway Intersection LOS Summary with Signalization

Intersection #	Intersection		2026 Bkgd.-Plus-HS				2028 Bkgd.-Plus-HS				2028 Bkgd.-Plus-Full Site				2032 Bkgd.-Plus-Full Site			
			5		6		7		8		9		10		13		14	
			AM		PM		AM		PM		AM		PM		AM		PM	
			LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)	LOS	Delay (Sec)
Signalized Intersection:		**Approach**																
202	E Danieldale Rd. at MS Driveway	EB									A	(0.7)	C	(26.1)	A	(0.7)	C	(26.6)
		EB Rt 95th % Veh Queue									0.1 veh		1 veh		1 veh		0.1 veh	
		WB									B	(11.5)	B	(15.9)	B	(11.8)	B	(16.4)
		WB Lt 95th % Veh Queue									5 veh		3 veh		5 veh		5 veh	
		NB									C	(30.8)	C	(25.5)	C	(31.0)	C	(25.7)
		NB Rt 95th % Veh Queue									2 veh		1 veh		2 veh		2 veh	
		NB Lt 95th % Veh Queue									8 veh		6 veh		8 veh		6 veh	
		SB									C	(22.9)	C	(21.9)	C	(23.0)	C	(22.1)
		Overall									**A**	**(9.9)**	**C**	**(21.3)**	**A**	**(10.0)**	**C**	**(21.7)**
Signalized Intersection:		**Approach**																
203	S Cockrell Hill Rd. at HS Driveway	WB	E	(63.5)	E	(59.3)	E	(63.5)	E	(56.4)	E	(63.5)	D	(47.4)	E	(63.5)	D	(41.2)
		WB Rt 95th % Veh Queue	15 veh		12 veh		15 veh		12 veh		13 veh		12 veh		15 veh		12 veh	
		WB Lt 95th % Veh Queue	5 veh		4 veh		5 veh		4 veh		5 veh		4 veh		5 veh		4 veh	
		NB	C	(27.3)	B	(14.6)	C	(29.5)	B	(15.1)	D	(35.1)	B	(16.5)	D	(52.2)	B	(18.1)
		NB Rt 95th % Veh Queue	2 veh		1 veh		2 veh		1 veh		2 veh		2 veh		2 veh		2 veh	
		SB	D	(51.0)	C	(22.4)	D	(52.2)	B	(15.0)	D	(53.5)	B	(15.9)	D	(53.1)	B	(17.1)
		SB Lt 95th % Veh Queue	20 veh		9 veh		20 veh		9 veh		20 veh		10 veh		20 veh		10 veh	
		Overall	**D**	**(41.7)**	**C**	**(26.0)**	**D**	**(43.0)**	**C**	**(21.2)**	**D**	**(46.1)**	**C**	**(20.6)**	**D**	**(54.3)**	**C**	**(20.7)**

Table 5. Preliminary TSWA Summary

Scenario	Warrant Satisfied		
	1. Eight-Hour Vehicular Volume	2. Four-Hour Vehicular Volume	3. Peak Hour
202 - E Danieldale Rd. at MS Driveway			
2026 Bkgd + Life Charter School	No	Yes	Yes
	4 Hours Met	4 Hours Met	3 Hours Met
203 - S Cockrell Hill Rd. at HS Driveway			
2026 Bkgd + HS	No	Yes	Yes
	4 Hours Met	4 Hours Met	2 Hours Met
2026 Bkgd + Life Charter School	No	Yes	Yes
	4 Hours Met	4 Hours Met	2 Hours Met

Roadway Link Capacity Analysis – Methodology

Roadway links are roadway segments between intersections. The North Central Texas Council of Governments' (NCTCOG) *Dallas-Fort Worth Regional Travel Model (DFWRTM): Description of the Multimodal Forecasting Process, 2000*, outlines hourly service volume capacities based upon type of roadway function and area. The table below summarizes the roadway link capacities.

NCTCOG Roadway Link Hourly Service Volumes (Capacity)

Area Type	Principal Arterial		Minor Arterial & Frontage Road		Collector & Local Street	
	Median-Divided or One-Way	Undivided, Two-Way	Median-Divided or One-Way	Undivided, Two-Way	Median-Divided or One-Way	Undivided, Two-Way
CBD	725	650	725	650	475	425
Urban	850	775	825	750	525	475
Suburban	925	875	900	825	575	525
Rural	1025	925	975	875	600	550

Obtained from NCTCOG Regional Travel Model, Exhibits 23 and 24

To determine the LOS of a roadway link, the volume-to-capacity ratio (V/C) is calculated using the projected traffic volume and the roadway capacities noted above. A V/C below 1.0 indicates that the roadway is operating under capacity. The NCTCOG's roadway link LOS criteria are summarized in the table below.

NCTCOG Roadway Link LOS Criteria

LOS	Volume-to-Capacity Ratio (V/C)
A/B	≤ 45%
C	> 45% - ≤ 65%
D	> 65% - ≤ 80%
E	> 80% - ≤ 100%
F	> 100%

Obtained from NCTCOG Regional Travel Model, Exhibits 23 and 24

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Roadway Link Capacity Analysis

A roadway link capacity analysis was performed considering the peak hour volumes. The LOS results are shown in **Table 6**. As shown, the study area roadway links will continue to operate at LOS D or better with the added site-generated traffic in both buildout year 2026 and horizon year 2032.

Table 6. Roadway Link LOS Summary

Roadway Link	Roadway Capacity			2023 Existing			2026 Background			2026 Bkgd. Plus HS			2028 Bkgd. Plus HS			2028 Bkgd. Plus Site			2032 Background			2032 Bkgd. Plus Site		
	Capacity Per Lane (Veh/Ln)	No. of Lanes	Roadway Capacity	Veh/Hr	V/C	LOS	Veh/Hr	V/C	LOS	Veh/Hr	V/C	LOS	Veh/Hr	V/C	LOS	Veh/Hr	V/C	LOS	Veh/Hr	V/C	LOS	Veh/Hr	V/C	LOS
AM Peak Hour																								
S Cockrell Hill Rd., South of E Danieldale Rd.																								
Southbound	925	3	2,775	429	15%	A/B	455	16%	A/B	926	33%	A/B	944	34%	A/B	1,010	36%	A/B	513	18%	A/B	1,049	38%	A/B
Northbound	925	3	2,775	1,203	43%	A/B	1,277	46%	C	1,700	61%	C	1,751	63%	C	1,826	66%	D	1,438	52%	C	1,935	70%	D
E Danieldale Rd., East of S Cockrell Hill Rd.																								
Westbound	925	3	2,775	524	19%	A/B	556	20%	A/B	762	27%	A/B	784	28%	A/B	998	36%	A/B	626	23%	A/B	1,046	38%	A/B
Eastbound	925	3	2,775	501	18%	A/B	532	19%	A/B	720	26%	A/B	741	27%	A/B	983	35%	A/B	599	22%	A/B	1,029	37%	A/B
PM Peak Hour																								
S Cockrell Hill Rd., South of E Danieldale Rd.																								
Southbound	925	3	2,775	1,248	45%	A/B	1,324	48%	C	1,669	60%	C	1,722	62%	C	1,773	64%	C	1,491	54%	C	1,886	68%	D
Northbound	925	3	2,775	621	22%	A/B	659	24%	A/B	1,007	36%	A/B	1,034	37%	A/B	1,084	39%	A/B	742	27%	A/B	1,141	41%	A/B
E Danieldale Rd., East of S Cockrell Hill Rd.																								
Westbound	925	3	2,775	665	24%	A/B	706	25%	A/B	856	31%	A/B	885	32%	A/B	1,048	38%	A/B	795	29%	A/B	1,108	40%	A/B
Eastbound	925	3	2,775	445	16%	A/B	472	17%	A/B	627	23%	A/B	646	23%	A/B	810	29%	A/B	532	19%	A/B	850	31%	A/B

Veh/Hr = Vehicles per Hour; V/C = Volume-to-Capacity Ratio; LOS = Level of Service

SITE ACCESS REVIEW

Auxiliary Lane Analysis

Right-turn Lanes

The City of Duncanville does not set its own guidelines for providing auxiliary lanes, therefore projected turning movements were analyzed following the Texas Department of Transportation (TxDOT). TxDOT sets guidelines for providing right-turn, auxiliary lanes in *Table 2-3* of the July 2011 *Access Management Manual*.

Considering projected site volumes and background traffic a northbound right-turn deceleration lane is recommended to be constructed at the High School Driveway in 2026 when the High School is built. An eastbound right-turn deceleration lane is recommended to be constructed at the Middle School driveway with full site buildout in 2028. Projected turning-movement volumes into driveways are all summarized in **Table 7**.

Table 7: TxDOT Right-turn Auxiliary Lane Analysis

Intersection	Speed Limit (MPH)	TxDOT Threshold for Consideration (VPH)	Projected Right-Turning Vehicles (VPH) AM (PM)	Meets Threshold for Considering Right-Turn Lane?
Phase I High School				
E Danieldale Rd.:				
MS Driveway	40	> 60	3 (2)	No
S Cockrell Hill Rd.:				
HS Driveway	40	> 60	119 (87)	Yes
Phase II High School and Middle School				
E Danieldale Rd.:				
MS Driveway	40	> 60	245 (166)	Yes
S Cockrell Hill Rd.:				
HS Driveway	40	> 60	119 (87)	Yes

Left-turn Lanes

The City of Duncanville requires left-turn deceleration lanes at all median openings. Left-turn lanes will be required to be installed at the middle school driveway and the high school driveway. The left-turn lane into the high school driveway is recommended with the construction of the high school building. If buses turn left into the middle school driveway to serve the high school, then it is recommended a minimal left-turn lane be considered. A left-turn lane at the middle school driveway will be needed when the middle school is constructed. Considering signalization at both driveways the left-turn lanes will need to be the following lengths:

Middle School Driveway (Length needed when the middle school is constructed)

- Projected 95% Queue: 10 Vehicles
- Storage: 220 feet
- Taper: 100 feet
- Total: 320 feet

High School Driveway (Recommended in 2026)

- Projected 95% Queue: 20 Vehicles
- Storage: 440 feet
- Taper: 100 feet
- Total: 540 feet

Sight Distance Analysis

Intersection Sight Distance

The sight distance was evaluated to ensure that motorists can safely maneuver to/from the site. The roadways around the site are relatively straight and do not have significant grades, so the sight visibility to/from the site is adequate. The required sight distances as provided in AASHTO's 2011 *A Policy on Geometric Design of Highways and Streets,* 6th Edition, are provided in **Table 8**. Based upon a review of the driveway locations, all roadways around the site have adequate sight distance to satisfy TxDOT criteria.

Table 8. Sight Distance / Stopping Distance Summary

Intersection	Major Road Speed Limit	Sight Distance Scenario	Required (Feet)	Provided (Feet)	Satisfies Criteria?
E Danieldale Rd. at MS Driveway	40 MPH	Left Turn from Minor Road (Case B1)	530	>600	YES
		Right Turn from Minor Road (Case B2)	385	>600	YES
		Left Turn from Major Road (Case F)	385	>600	YES
		Major Street Stopping Sight Distance (EB)	305	>600	YES
		Major Street Stopping Sight Distance (WB)	360	>600	YES
S Cockrell Hill Rd. at HS Driveway	40 MPH	Left Turn from Minor Road (Case B1)	530	>600	YES
		Right Turn from Minor Road (Case B2)	385	>600	YES
		Left Turn from Major Road (Case F)	385	~500	YES
		Major Street Stopping Sight Distance (NB)	305	~500	YES
		Major Street Stopping Sight Distance (SB)	360	~500	YES

Access Spacing Review

TxDOT sets forth guidelines for access spacing as outlined in *Table 2-1* and *Table 2-2* of the *Access Management Manual*. As stated in Chapter 2 of the TxDOT manual, "*The distance between access connections is measured along the edge of the traveled way from the closest edge of pavement of the first access connection to the closest edge of pavement of the second access connection.*"

The access spacing review for the proposed development is summarized in **Table 9**.

Table 9. Access Driveway Spacing Summary

Spacing Between	Required TxDOT Access Spacing Distance (Feet)	Provided Access Spacing Distance (Feet)	Satisfies Spacing Criteria?
E Danieldale Rd.:			
S Cockrell Hill Rd. and MS Driveway	305	>700	YES
MS Driveway and Wood Creek Drive	305	>700	YES
S Cockrell Hill Rd.:			
E Danieldale Rd. and HS Driveway	305	>700	YES
HS Driveway and 1802-1806 Residental Driveway	305	>700	YES

As shown, the driveways satisfy TxDOT's spacing guidelines.

CONCLUSIONS AND RECOMMENDATIONS

Lambeth Engineering Associates, PLLC, conducted a traffic impact analysis for a proposed Life Charter School, in Duncanville, Texas. This TIA was conducted to support site plan approval.

The project was analyzed in two phases:

Phase I – High School

- Planned completion in 2026.
- Contains school buildings and facilities for 1,200 high school students.

Phase II - High School plus Middle School (Full Site)

- Planned to be completed in 2028.
- Contain school buildings and facilities for 1,200 high school and 800 middle school students.

This study evaluated the impact that the proposed development will have on the surrounding roadway network and provides recommended mitigation measures needed to maintain acceptable roadway conditions. Below is a summary of findings from the analyses presented in this report.

- The following mitigation is recommended to improve existing roadway LOS and LOS once the school is open.

  E Danieldale Road at S Cockrell Road – The eastbound approach is shown to operate at LOS E considering the existing volumes. Considering the addition of school traffic, the westbound approach begins operating at LOS F as well. Presented are 4 options to mitigate LOS at the intersection.

  - **Option 1** - Restripe eastbound and westbound shared through and right-turn lanes as exclusive right-turn lanes.
    - This recommendation is warranted based on existing volumes.
    - It does not achieve LOS D or better for all approaches but is an improvement.
  - **Option 2** - Optimize AM cycle from 90 seconds to 110 seconds, optimize PM splits plus recommendations from Option 1.
    - This recommendation improves the intersection overall LOS in AM peak hour to LOS D or better.
    - May not be feasible due to coordination of the traffic signal network.
  - **Option 3** - Install eastbound and westbound right turn overlap signals plus the recommendations from Option 1 and Option 2.
    - This recommendation improves the intersection overall LOS to LOS D or better except 2028 PM peak hour considering full site buildout and 2032 PM peak hour considering full site buildout.
    - May not be feasible due to coordination of the traffic signal network.
  - **Option 4** – Construct dual EB right-turn lanes and dual WB left-turn lanes plus recommendations from Options 1-3.
    - Improves all approaches to LOS D or better.
    - ***Provided for informational purposes only, does not appear to be feasible due to limited right-of-way.***

E Danieldale Road at Middle School Driveway – The northbound and southbound approaches are shown to operate at LOS F considering full buildout of the site. The northbound and southbound approaches are currently considered with stop control. A preliminary TSWA indicates the 4 hour and peak hour traffic volume warrants would be met. Analysis of the intersection with a traffic signal projects all intersection approaches to operate at LOS D or better. Therefore, it is recommended to install a traffic signal with completion of the full site buildout in 2028.

S Cockrell Road at High School Driveway – The westbound and southbound left-turn approaches are shown to operate at LOS F considering buildout of the High School portion of the site. A preliminary TSWA indicates the 4 hour and peak hour traffic volume warrants would be met. Analysis of the intersection with a traffic signal projects that traffic along S Cockrell Hill Road will operate at LOS D or better. Traffic out of the school Driveway is projected to operate at LOS E, however this will only be during the peak of school arrival and dismissal which is common at schools. Therefore, it is recommended to install a traffic signal with completion of the full site buildout in 2028 or use two licensed peace officers for arrival and dismissal periods.

- The roadway links are shown to operate at LOS D or better considering existing, background, and background-plus-site traffic volumes with the existing roadway geometries.
- The following deceleration lanes are recommended at the site driveways:
    - High School Driveway:
        - Northbound right-turn lane (recommended in 2026)
        - Southbound left-turn lane (recommended in 2026)
    - Middle School Driveway:
        - Eastbound right-turn lane (recommended in 2028)
        - Westbound left-turn lane (a shorter left-turn lane is recommended for consideration if buses will turn left into site in 2026, a full left-turn lane is recommended with the construction of the middle school building in 2028)
- The AASHTO's desirable sight-distance requirements are satisfied at all driveways.
- All driveways satisfy TxDOT's driveway spacing criteria.

Although roadway mitigations are needed to accommodate the existing and background traffic volumes, this analysis shows that the proposed development is not expected to have a significant impact on the surrounding roadway network.

END

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Appendix

A. Existing Traffic Volumes
B. TxDOT Historical Traffic Volume Data
C. Year 2028 Background Traffic Volume
D. NCHRP Reports
E. Synchro Analysis Results
F. Traffic Signal Warrant Analysis

Appendix A
Existing Traffic Volumes

Study Name **S Cockrell Hill Rd. at E Danieldale Rd.**
Start Date **Wednesday, December 6, 2023**
Start Time **6:30 AM**
Site Code
Collected by: **Lambeth Engineering**

101	S Cockrell Hill Rd. Southbound				E Danieldale Rd. Westbound				S Cockrell Hill Rd. Northbound				E Danieldale Rd. Eastbound				15 Min	Hourly
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Total	Total
6:30 AM	4	35	4	0	2	32	25	0	24	196	5	0	2	32	9	0	370	
6:45 AM	9	50	6	0	6	38	36	0	38	236	7	0	2	42	11	0	481	
7:00 AM	7	51	7	0	9	78	33	0	62	272	6	0	2	37	9	0	573	
7:15 AM	8	68	5	0	9	77	32	0	63	272	11	0	8	73	13	0	639	2,063
7:30 AM	23	76	6	0	15	90	23	0	54	226	19	0	13	107	19	0	671	2,364
7:45 AM	18	81	6	0	26	94	33	0	52	220	28	0	6	97	26	0	687	2,570
8:00 AM	21	69	6	0	11	85	29	0	31	217	10	0	6	74	16	0	575	**2,572**
8:15 AM	13	73	5	0	7	49	30	0	33	193	11	0	8	50	15	0	487	2,420
8:30 AM	16	91	6	0	7	44	25	0	17	165	12	0	5	36	9	0	433	2,182
8:45 AM	16	69	7	0	7	34	37	0	14	157	17	0	3	44	17	0	422	1,917
9:00 AM	13	68	7	0	10	31	27	0	16	138	6	0	5	35	14	0	370	1,712
9:15 AM	5	67	5	0	8	41	20	0	14	140	7	0	1	24	13	0	345	1,570
9:30 AM																		
AM Peak: 7:15 - 8:15 AM	**70**	**294**	**23**	**0**	**61**	**346**	**117**	**0**	**200**	**935**	**68**	**0**	**33**	**351**	**74**	**0**	2,572	
AM PHF:	0.76	0.91	0.96	0.00	0.59	0.92	0.89	0.00	0.79	0.86	0.61	0.00	0.63	0.82	0.71	0.00	0.94	
AM Truck Percent:	1%	3%	17%	0%	0%	1%	2%	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	
2:00 PM	12	105	4	0	16	60	35	0	17	94	13	0	7	39	13	0	415	
2:15 PM	17	113	13	0	21	70	22	0	10	120	5	0	6	47	27	0	471	
2:30 PM	18	118	11	0	21	87	31	0	7	123	15	0	6	52	27	0	516	
2:45 PM	26	114	13	0	25	85	29	0	16	126	8	0	6	57	22	0	527	1,929
3:00 PM	15	126	21	0	23	77	25	0	12	107	8	0	4	42	22	0	482	1,996
3:15 PM	20	131	11	0	21	64	29	0	18	101	13	0	12	53	36	1	510	2,035
3:30 PM	34	142	12	0	27	103	31	0	21	104	10	0	9	68	31	0	592	2,111
3:45 PM	21	176	13	0	29	91	40	0	14	99	7	0	9	68	51	0	618	2,202
4:00 PM	18	178	9	0	28	79	31	0	13	134	7	0	12	65	33	0	607	2,327
4:15 PM	25	214	16	0	22	87	27	0	29	118	6	0	13	64	50	0	671	2,488
4:30 PM	31	208	13	0	26	101	29	0	20	128	13	0	15	73	49	0	706	2,602
4:45 PM	25	165	20	0	35	105	33	0	14	123	7	0	14	79	80	0	700	2,684
5:00 PM	28	237	14	0	24	86	36	0	26	115	4	0	15	77	73	0	735	2,812
5:15 PM	22	221	15	0	44	113	35	0	16	114	9	0	11	65	73	0	738	2,879
5:30 PM	30	211	11	0	23	97	28	0	29	158	6	0	18	76	62	0	749	2,922
5:45 PM	22	222	14	0	27	81	28	0	20	129	2	0	14	71	64	0	694	2,916
6:00 PM																		
PM Peak: 4:45 - 5:45 PM	**105**	**834**	**60**	**0**	**126**	**401**	**132**	**0**	**85**	**510**	**26**	**0**	**58**	**297**	**288**	**0**	2,111	
PM PHF:	0.88	0.88	0.75	0.00	0.72	0.89	0.92	0.00	0.73	0.81	0.72	0.00	0.81	0.94	0.90	0.00	0.70	
PM Truck Percent:	0%	0%	2%	0%	0%	1%	2%	0%	0%	2%	0%	0%	3%	2%	0%	0%	1%	
	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn		

Study Name **E Danieldale Rd. at Meadow Run Dr.**
Start Date **Wednesday, December 6, 2023**
Start Time **6:30 AM**
Site Code
Collected by: **Lambeth Engineering**

201	Meadow Run Dr. Southbound				E Danieldale Rd. Westbound				-- Northbound				E Danieldale Rd. Eastbound				15 Min	Hourly
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Total	Total
6:30 AM	0	0	2	0	0	59	0	0	0	0	0	0	0	42	0	0	103	
6:45 AM	0	0	2	0	0	82	0	0	0	0	0	0	0	58	0	0	142	
7:00 AM	0	0	2	0	0	111	0	0	0	0	0	0	0	54	0	1	168	
7:15 AM	0	0	0	0	0	113	0	0	0	0	0	0	0	92	0	0	205	618
7:30 AM	0	0	2	0	0	137	0	0	0	0	0	0	1	157	0	0	297	812
7:45 AM	0	0	0	0	0	147	1	0	0	0	0	0	0	143	0	1	292	962
8:00 AM	0	0	1	0	0	115	0	0	0	0	0	0	1	107	0	0	224	**1,018**
8:15 AM	0	0	2	0	0	90	0	0	0	0	0	0	1	75	0	0	168	981
8:30 AM	0	0	0	0	0	70	0	0	0	0	0	0	0	66	0	0	136	820
8:45 AM	0	0	1	0	0	78	0	0	0	0	0	0	0	77	0	0	156	684
9:00 AM	0	0	0	0	0	68	0	0	0	0	0	0	0	54	0	1	123	583
9:15 AM	0	0	0	0	0	65	0	0	0	0	0	0	0	33	0	0	98	513
9:30 AM																		
AM Peak: 7:15 - 8:15 AM	**0**	**0**	**3**	**0**	**0**	**512**	**1**	**0**	**0**	**0**	**0**	**0**	**2**	**499**	**0**	**1**	1,018	
AM PHF:	0.00	0.00	0.38	0.00	0.00	0.87	0.25	0.00	0.00	0.00	0.00	0.00	0.50	0.79	0.00	0.25	0.86	
AM Truck Percent:	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	
2:00 PM	0	0	0	0	0	116	0	0	0	0	0	0	0	66	0	0	182	
2:15 PM	0	0	1	0	0	115	0	0	0	0	0	0	1	67	0	0	184	
2:30 PM	0	0	0	0	0	136	0	0	0	0	0	0	0	84	0	0	220	
2:45 PM	0	0	1	0	0	135	0	0	0	0	0	0	0	89	0	0	225	811
3:00 PM	0	0	1	0	0	127	1	0	0	0	0	0	1	64	0	0	194	823
3:15 PM	1	0	1	0	0	115	0	0	0	0	0	0	1	87	0	0	205	844
3:30 PM	0	0	2	0	0	160	0	1	0	0	0	0	1	108	0	0	272	896
3:45 PM	0	0	2	0	0	158	0	0	0	0	0	0	0	90	0	0	250	921
4:00 PM	0	0	0	0	0	139	0	0	0	0	0	0	0	97	0	0	236	963
4:15 PM	0	0	2	0	0	134	0	0	0	0	0	0	1	90	0	0	227	985
4:30 PM	0	0	2	0	0	166	1	0	0	0	0	0	1	124	0	0	294	1,007
4:45 PM	0	0	0	0	0	161	0	1	0	0	0	0	3	107	0	0	272	1,029
5:00 PM	0	0	0	0	0	145	0	0	0	0	0	0	2	107	0	0	254	1,047
5:15 PM	0	0	1	0	0	190	0	0	0	0	0	0	2	99	0	0	292	1,112
5:30 PM	0	0	1	0	0	154	1	1	0	0	0	0	2	108	0	0	267	1,085
5:45 PM	0	0	0	0	0	133	0	0	0	0	0	0	0	97	0	0	230	1,043
6:00 PM																		
PM Peak: 4:30 - 5:30 PM	**0**	**0**	**3**	**0**	**0**	**662**	**1**	**1**	**0**	**0**	**0**	**0**	**8**	**437**	**0**	**0**	896	
PM PHF:	0.00	0.00	0.38	0.00	0.00	0.87	0.25	0.25	0.00	0.00	0.00	0.00	0.67	0.88	0.00	0.00	0.76	
PM Truck Percent:	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%	0%	1%	0%	0%	1%	
	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn		

Study Name **E Danieldale Rd. at Willow Run Dr.**
Start Date **Wednesday, December 6, 2023**
Start Time **6:30 AM**
Site Code
Collected by: **Lambeth Engineering**

202	Willow Run Dr. Southbound				E Danieldale Rd. Westbound				-- Northbound				E Danieldale Rd. Eastbound				15 Min	Hourly
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Total	Total
6:30 AM	0	0	7	0	0	49	2	0	0	0	0	0	1	41	0	0	100	
6:45 AM	5	0	6	0	0	75	0	0	0	0	0	0	2	56	0	0	144	
7:00 AM	6	0	9	0	0	103	0	0	0	0	0	0	1	53	0	0	172	
7:15 AM	1	0	3	0	0	107	1	0	0	0	0	0	1	87	0	0	200	616
7:30 AM	5	0	11	0	0	124	2	0	0	0	0	0	7	152	0	0	301	817
7:45 AM	6	0	5	0	0	139	1	0	0	0	0	0	4	138	0	0	293	966
8:00 AM	1	0	8	0	0	104	3	0	0	0	0	0	8	95	0	0	219	**1,013**
8:15 AM	3	0	2	0	0	85	3	0	0	0	0	0	2	77	0	0	172	985
8:30 AM	0	0	2	0	0	67	1	0	0	0	0	0	4	61	0	0	135	819
8:45 AM	1	0	3	0	0	76	1	0	0	0	0	0	0	77	0	0	158	684
9:00 AM	2	0	5	0	0	62	1	0	0	0	0	0	2	54	0	0	126	591
9:15 AM	2	0	3	0	0	62	0	0	0	0	0	0	1	32	0	0	100	519
9:30 AM																		
AM Peak: 7:15 - 8:15 AM	**13**	**0**	**27**	**0**	**0**	**474**	**7**	**0**	**0**	**0**	**0**	**0**	**20**	**472**	**0**	**0**	1,013	
AM PHF:	0.54	0.00	0.61	0.00	0.00	0.85	0.58	0.00	0.00	0.00	0.00	0.00	0.63	0.78	0.00	0.00	0.84	
AM Truck Percent:	0%	0%	4%	0%	0%	1%	0%	0%	0%	0%	0%	0%	15%	0%	0%	0%	1%	
2:00 PM	5	0	9	0	0	105	2	0	0	0	0	0	2	63	0	0	186	
2:15 PM	0	0	5	0	0	112	3	0	0	0	0	0	3	64	0	0	187	
2:30 PM	1	0	3	0	0	128	4	0	0	0	0	0	3	77	0	0	216	
2:45 PM	2	0	4	0	0	132	1	0	0	0	0	0	5	86	0	0	230	819
3:00 PM	3	0	4	0	0	120	5	0	0	0	0	0	8	58	0	0	198	831
3:15 PM	6	0	8	0	0	106	3	0	0	0	0	0	8	81	0	0	212	856
3:30 PM	2	0	5	0	0	156	1	0	0	0	0	0	8	104	0	0	276	916
3:45 PM	0	0	11	0	0	142	4	0	0	0	0	0	9	85	0	0	251	937
4:00 PM	4	0	3	0	0	135	4	0	0	0	0	0	12	87	0	0	245	984
4:15 PM	5	0	11	0	0	123	5	0	0	0	0	0	7	84	0	0	235	1,007
4:30 PM	1	0	10	0	0	155	4	0	0	0	0	0	10	111	0	0	291	1,022
4:45 PM	2	0	10	0	0	153	1	0	0	0	0	0	3	108	0	0	277	1,048
5:00 PM	1	0	10	0	0	132	2	0	0	0	0	0	7	100	0	0	252	1,055
5:15 PM	4	0	6	0	0	178	4	0	0	0	0	0	10	87	0	1	290	1,110
5:30 PM	1	0	8	0	0	151	4	0	0	0	0	0	9	101	0	0	274	1,093
5:45 PM	2	0	6	0	0	124	2	0	0	0	0	0	6	90	0	0	230	1,046
6:00 PM																		
PM Peak: 4:30 - 5:30 PM	**8**	**0**	**36**	**0**	**0**	**618**	**11**	**0**	**0**	**0**	**0**	**0**	**30**	**406**	**0**	**1**	916	
PM PHF:	0.50	0.00	0.90	0.00	0.00	0.87	0.69	0.00	0.00	0.00	0.00	0.00	0.75	0.91	0.00	0.25	0.79	
PM Truck Percent:	0%	0%	3%	0%	0%	1%	0%	0%	0%	0%	0%	0%	3%	1%	0%	0%	1%	
	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn		

Appendix B
TxDOT Historical Traffic Volume Data

Growth Rate

Danieldale Rd., East of S Cockrell Hill Rd.

Year	AADT	% Growth
2019	8,517	1.4%
2014	7,947	
	2014 - 2019:	1.4%

Traffic Volumes obtained from TxDOT TCDS on January 26, 2024.

Danieldale Rd., West of S Cockrell Hill Rd.

Year	AADT	% Growth
2019	10,071	1.0%
2014	9,571	
	2014 - 2019:	1.0%

Traffic Volumes obtained from TxDOT TCDS on January 26, 2024.

S Cockrell Hill Rd., South of DanielDale Rd.

Year	AADT	% Growth
2019	18,290	1.1%
2014	17,310	4.9%
2009	13,610	
	2009 - 2019:	3.0%

Traffic Volumes obtained from TxDOT TCDS on January 26, 2024.

Average Annual Daily Traffic (AADT) Growth Rate: 1.8%

Growth Rate Used in Analysis: 2.0%

Appendix C
Year 2028 Background Traffic Volume

Appendix

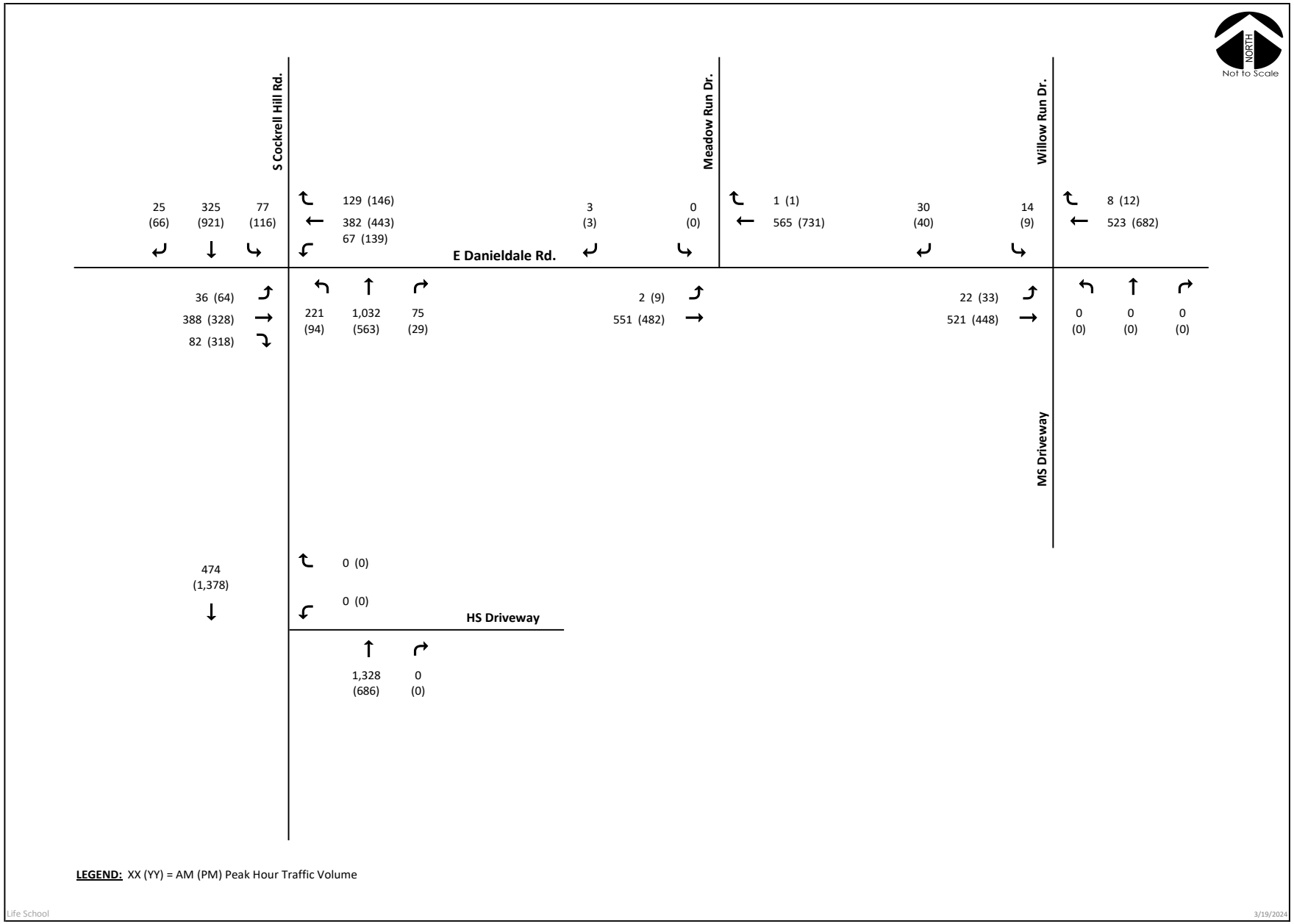


Exhibit A. Year 2028 Background Traffic Volumes

Appendix D
NCHRP Reports

E Danieldale Rd. at MS Driveway (Phase I HS) (Eastbound Approach) - Right-Turn - AM

Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

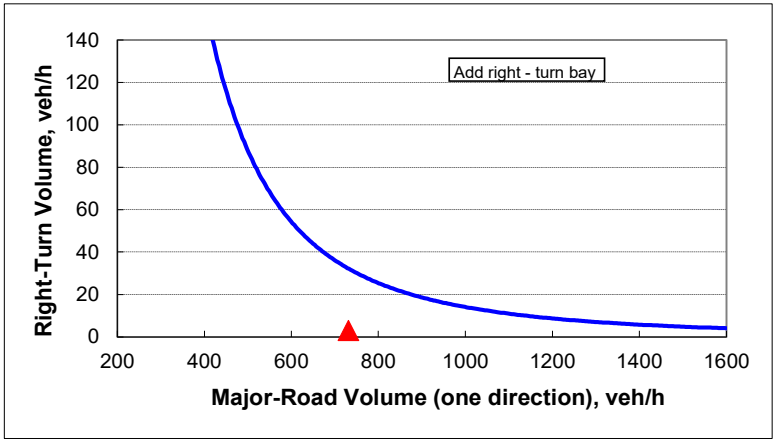
INPUT

Roadway geometry:	2-lane roadway

Variable	Value
Major-road speed, mph:	40
Major-road volume (one direction), veh/h:	731
Right-turn volume, veh/h:	3

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	32
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Do NOT add right-turn bay.	



E Danieldale Rd. at MS Driveway (Phase I HS) (Eastbound Approach) - Right-Turn - PM

Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

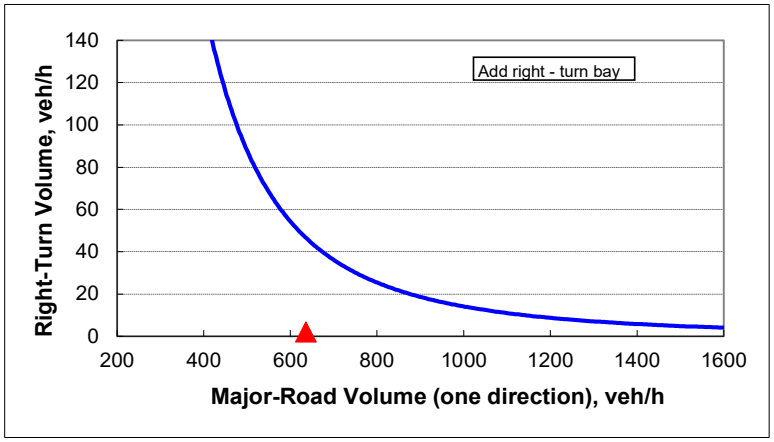
INPUT

Roadway geometry:	2-lane roadway

Variable	Value
Major-road speed, mph:	40
Major-road volume (one direction), veh/h:	636
Right-turn volume, veh/h:	2

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	47
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Do NOT add right-turn bay.	



S Cockrell Hill Rd. at HS Driveway (Phase I HS) (Northbound Approach) - Right-Turn - AM

Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

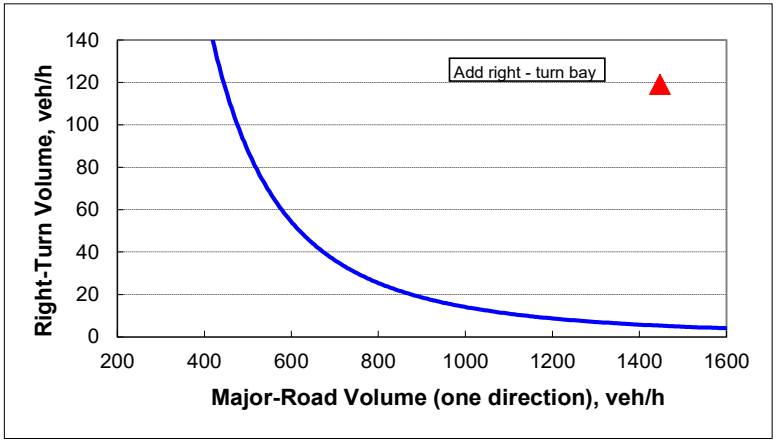
INPUT

Roadway geometry:	2-lane roadway

Variable	Value
Major-road speed, mph:	40
Major-road volume (one direction), veh/h:	1447
Right-turn volume, veh/h:	119

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	32
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Add right-turn bay.	



S Cockrell Hill Rd. at HS Driveway (Phase I HS) (Northbound Approach) - Right-Turn - PM

Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

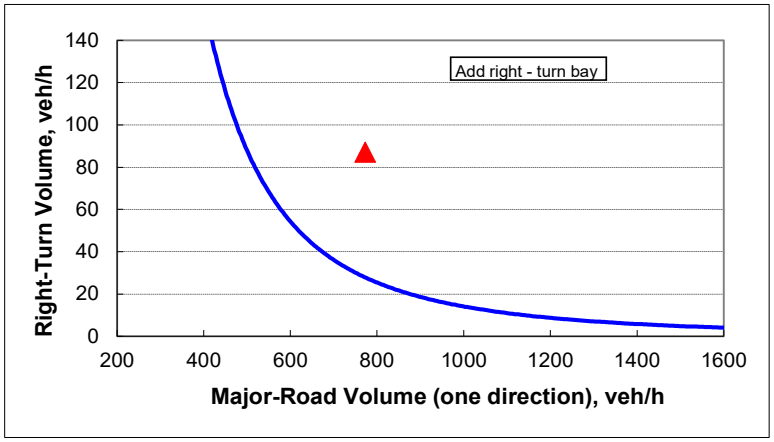
INPUT

Roadway geometry:	2-lane roadway

Variable	Value
Major-road speed, mph:	40
Major-road volume (one direction), veh/h:	773
Right-turn volume, veh/h:	87

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	28
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Add right-turn bay.	



E Danieldale Rd. at MS Driveway (Phase II HS+MS) (Eastbound Approach) - Right-Turn - AM

Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

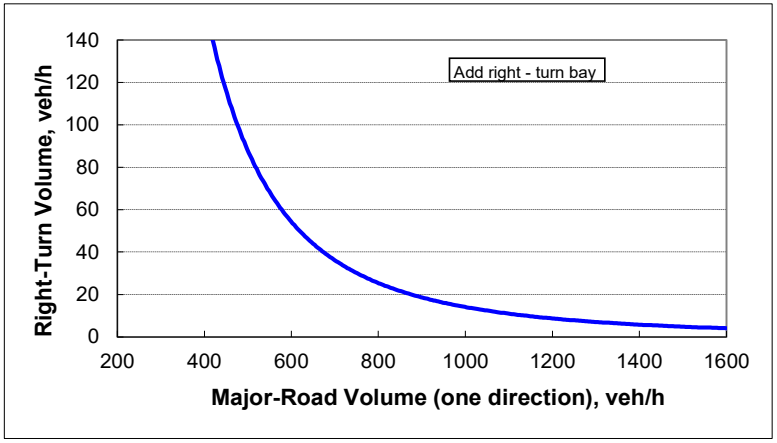
INPUT

Roadway geometry:	2-lane roadway

Variable	Value
Major-road speed, mph:	40
Major-road volume (one direction), veh/h:	1018
Right-turn volume, veh/h:	245

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	32
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Add right-turn bay.	



E Danieldale Rd. at MS Driveway (Phase II HS+MS) (Eastbound Approach) - Right-Turn - PM

Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

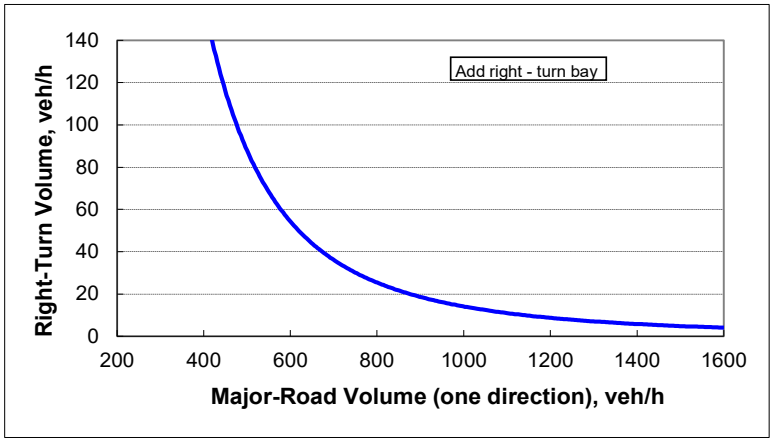
INPUT

Roadway geometry:	2-lane roadway

Variable	Value
Major-road speed, mph:	40
Major-road volume (one direction), veh/h:	839
Right-turn volume, veh/h:	166

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	22
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Add right-turn bay.	



S Cockrell Hill Rd. at HS Driveway (Phase II HS+MS) (Northbound Approach) - Right-Turn - AM

Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

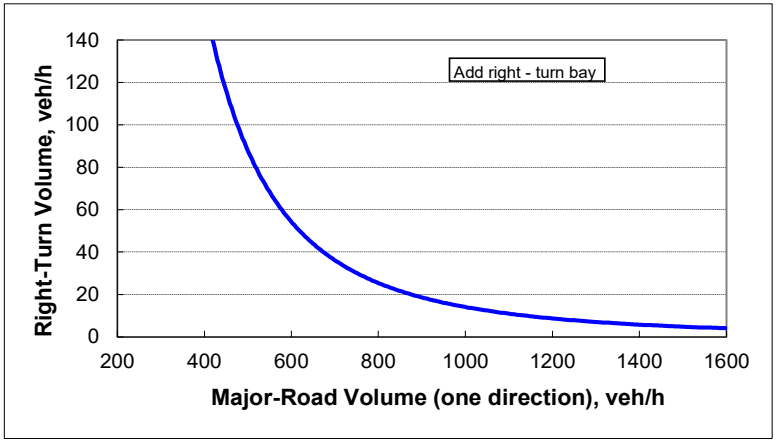
INPUT

Roadway geometry:	2-lane roadway

Variable	Value
Major-road speed, mph:	40
Major-road volume (one direction), veh/h:	1631
Right-turn volume, veh/h:	119

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	32
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Add right-turn bay.	



S Cockrell Hill Rd. at HS Driveway (Phase II HS+MS) (Northbound Approach) - Right-Turn - PM

Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

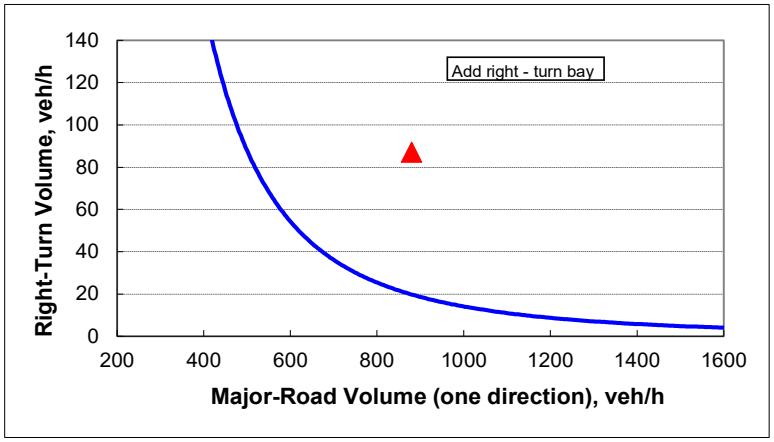
INPUT

Roadway geometry:	2-lane roadway

Variable	Value
Major-road speed, mph:	40
Major-road volume (one direction), veh/h:	880
Right-turn volume, veh/h:	87

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	20
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Add right-turn bay.	



Appendix E
Synchro Analysis Results

Scenarios:

1. 2023 Existing AM
2. 2023 Existing PM
3. 2026 Bkgd AM
4. 2026 Bkgd PM
5. 2026 Bkgd + HS AM
6. 2026 Bkgd + HS PM
7. 2028 Bkgd + HS AM
8. 2028 Bkgd + HS PM
9. 2028 Bkgd + Full Site AM
10. 2028 Bkgd + Full Site PM
11. 2032 Bkgd AM
12. 2032 Bkgd PM
13. 2032 Bkgd + Full Site AM
14. 2032 Bkgd + Full Site PM

Appendix E.1
Synchro Analysis Results

Existing Geometry Scenarios:

1. 2023 Existing AM
2. 2023 Existing PM
3. 2026 Bkgd AM
4. 2026 Bkgd PM
5. 2026 Bkgd + HS AM
6. 2026 Bkgd + HS PM
7. 2028 Bkgd + HS AM
8. 2028 Bkgd + HS PM
9. 2028 Bkgd + Full Site AM
10. 2028 Bkgd + Full Site PM
11. 2032 Bkgd AM
12. 2032 Bkgd PM
13. 2032 Bkgd + Full Site AM
14. 2032 Bkgd + Full Site PM

HCM 6th Signalized Intersection Summary
Life School

01. 2023 Existing AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	33	351	74	61	346	117	200	935	68	70	294	23
Future Volume (veh/h)	33	351	74	61	346	117	200	935	68	70	294	23
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	36	382	80	66	376	127	217	1016	0	76	320	25
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	180	565	115	201	553	178	747	2937		425	2619	202
Arrive On Green	0.03	0.13	0.13	0.04	0.14	0.14	0.08	0.58	0.00	0.05	0.55	0.55
Sat Flow, veh/h	1781	4255	864	1781	3821	1232	1781	5274	0	1781	4797	369
Grp Volume(v), veh/h	36	303	159	66	333	170	217	1016	0	76	224	121
Grp Sat Flow(s),veh/h/ln	1781	1702	1715	1781	1702	1649	1781	1702	0	1781	1689	1789
Q Serve(g_s), s	1.5	7.6	8.0	2.8	8.3	8.8	4.7	9.5	0.0	1.6	2.9	3.0
Cycle Q Clear(g_c), s	1.5	7.6	8.0	2.8	8.3	8.8	4.7	9.5	0.0	1.6	2.9	3.0
Prop In Lane	1.00		0.50	1.00		0.75	1.00		0.00	1.00		0.21
Lane Grp Cap(c), veh/h	180	452	228	201	493	239	747	2937		425	1844	977
V/C Ratio(X)	0.20	0.67	0.70	0.33	0.68	0.71	0.29	0.35		0.18	0.12	0.12
Avail Cap(c_a), veh/h	230	775	391	230	775	376	819	2937		548	1844	977
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	32.3	37.2	37.3	32.0	36.5	36.7	7.3	10.1	0.0	8.1	9.9	10.0
Incr Delay (d2), s/veh	0.5	1.7	3.8	0.9	1.6	3.9	0.2	0.3	0.0	0.2	0.1	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	3.2	3.5	1.2	3.4	3.7	1.5	3.2	0.0	0.6	1.0	1.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	32.9	38.9	41.1	32.9	38.1	40.6	7.5	10.5	0.0	8.3	10.1	10.2
LnGrp LOS	C	D	D	C	D	D	A	B		A	B	B
Approach Vol, veh/h		498			569			1233			421	
Approach Delay, s/veh		39.2			38.3			10.0			9.8	
Approach LOS		D			D			A			A	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.8	56.3	8.5	16.4	11.4	53.6	7.5	17.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	3.6	11.5	4.8	10.0	6.7	5.0	3.5	10.8
Green Ext Time (p_c), s	0.1	7.3	0.0	2.0	0.2	2.1	0.0	2.1

Intersection Summary	
HCM 6th Ctrl Delay	21.2
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	2	499	512	1	0	3
Future Vol, veh/h	2	499	512	1	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	580	595	1	0	3

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	596	0	-	0	832	298
Stage 1	-	-	-	-	596	-
Stage 2	-	-	-	-	236	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	610	-	-	-	377	596
Stage 1	-	-	-	-	424	-
Stage 2	-	-	-	-	717	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	610	-	-	-	376	596
Mov Cap-2 Maneuver	-	-	-	-	376	-
Stage 1	-	-	-	-	423	-
Stage 2	-	-	-	-	717	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	11.1
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	610	-	-	-	596
HCM Lane V/C Ratio	0.004	-	-	-	0.006
HCM Control Delay (s)	10.9	-	-	-	11.1
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0

Intersection	
Int Delay, s/veh	0.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	20	472	0	0	474	7	0	0	0	13	0	27
Future Vol, veh/h	20	472	0	0	474	7	0	0	0	13	0	27
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	15	2	2	2	2	2	2	2	2	2	2	4
Mvmt Flow	31	726	0	0	729	11	0	0	0	20	0	42

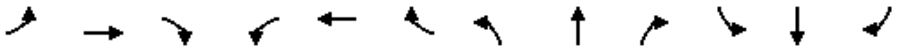
Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	740	0	0	726	0	0	1080	1528	363	1087	1523	370
Stage 1	-	-	-	-	-	-	788	788	-	735	735	-
Stage 2	-	-	-	-	-	-	292	740	-	352	788	-
Critical Hdwy	5.6	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.18
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.25	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.94
Pot Cap-1 Maneuver	480	-	-	530	-	-	229	116	541	227	117	531
Stage 1	-	-	-	-	-	-	279	400	-	303	424	-
Stage 2	-	-	-	-	-	-	634	421	-	584	400	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	480	-	-	530	-	-	201	108	541	216	109	531
Mov Cap-2 Maneuver	-	-	-	-	-	-	201	108	-	216	109	-
Stage 1	-	-	-	-	-	-	261	374	-	283	424	-
Stage 2	-	-	-	-	-	-	584	421	-	546	374	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.5	0	0	17.1
HCM LOS			A	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	480	-	-	530	-	-	360
HCM Lane V/C Ratio	-	-	0.064	-	-	-	-	-	0.171
HCM Control Delay (s)	0	0	13	-	-	0	-	-	17.1
HCM Lane LOS	A	A	B	-	-	A	-	-	C
HCM 95th %tile Q(veh)	-	-	0.2	-	-	0	-	-	0.6

HCM 6th Signalized Intersection Summary
Life School

02. 2023 Existing PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	58	297	288	126	401	132	85	510	26	105	834	60
Future Volume (veh/h)	58	297	288	126	401	132	85	510	26	105	834	60
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	83	424	411	180	573	189	121	729	0	150	1191	86
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	247	868	404	170	998	321	291	2271		444	2209	159
Arrive On Green	0.05	0.25	0.25	0.05	0.26	0.26	0.06	0.44	0.00	0.07	0.45	0.45
Sat Flow, veh/h	1767	3404	1585	1781	3822	1230	1781	5274	0	1781	4860	351
Grp Volume(v), veh/h	83	424	411	180	509	253	121	729	0	150	834	443
Grp Sat Flow(s),veh/h/ln	1767	1702	1585	1781	1702	1649	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	3.4	10.6	25.5	5.5	13.0	13.4	3.6	9.2	0.0	4.5	17.7	17.7
Cycle Q Clear(g_c), s	3.4	10.6	25.5	5.5	13.0	13.4	3.6	9.2	0.0	4.5	17.7	17.7
Prop In Lane	1.00		1.00	1.00		0.75	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	247	868	404	170	889	431	291	2271		444	1547	821
V/C Ratio(X)	0.34	0.49	1.02	1.06	0.57	0.59	0.42	0.32		0.34	0.54	0.54
Avail Cap(c_a), veh/h	258	868	404	170	889	431	379	2271		515	1547	821
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.4	31.7	37.3	33.7	32.1	32.3	15.3	18.0	0.0	13.6	19.7	19.7
Incr Delay (d2), s/veh	0.8	0.4	49.1	85.5	0.9	2.1	0.9	0.4	0.0	0.4	1.4	2.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	4.3	14.9	5.5	5.2	5.4	1.4	3.5	0.0	1.7	6.8	7.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	27.1	32.1	86.3	119.3	33.0	34.3	16.3	18.4	0.0	14.1	21.1	22.2
LnGrp LOS	C	C	F	F	C	C	B	B		B	C	C
Approach Vol, veh/h		918			942			850			1427	
Approach Delay, s/veh		55.9			49.8			18.1			20.7	
Approach LOS		E			D			B			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.0	49.0	10.0	30.0	10.0	50.0	9.4	30.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	6.5	11.2	7.5	27.5	5.6	19.7	5.4	15.4
Green Ext Time (p_c), s	0.1	5.2	0.0	0.0	0.1	8.5	0.0	3.4

Intersection Summary	
HCM 6th Ctrl Delay	34.6
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	8	437	662	1	0	3
Future Vol, veh/h	8	437	662	1	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	11	575	871	1	0	4

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	872	0	-	0	1124	436
Stage 1	-	-	-	-	872	-
Stage 2	-	-	-	-	252	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	451	-	-	-	269	486
Stage 1	-	-	-	-	289	-
Stage 2	-	-	-	-	704	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	451	-	-	-	263	486
Mov Cap-2 Maneuver	-	-	-	-	263	-
Stage 1	-	-	-	-	282	-
Stage 2	-	-	-	-	704	-

Approach	EB	WB	SB
HCM Control Delay, s	0.2	0	12.5
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	451	-	-	-	486
HCM Lane V/C Ratio	0.023	-	-	-	0.008
HCM Control Delay (s)	13.2	-	-	-	12.5
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0.1	-	-	-	0

Intersection	
Int Delay, s/veh	1.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	30	406	0	0	618	11	0	0	0	8	0	36
Future Vol, veh/h	30	406	0	0	618	11	0	0	0	8	0	36
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	3	2	2	2	2	2	2	2	2	2	2	3
Mvmt Flow	46	625	0	0	951	17	0	0	0	12	0	55

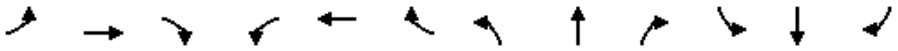
Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	968	0	0	625	0	0	1097	1685	313	1302	1677	484
Stage 1	-	-	-	-	-	-	717	717	-	960	960	-
Stage 2	-	-	-	-	-	-	380	968	-	342	717	-
Critical Hdwy	5.36	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.16
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.13	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.93
Pot Cap-1 Maneuver	403	-	-	591	-	-	224	93	583	169	94	450
Stage 1	-	-	-	-	-	-	312	432	-	212	333	-
Stage 2	-	-	-	-	-	-	562	330	-	592	432	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	403	-	-	591	-	-	179	82	583	154	83	450
Mov Cap-2 Maneuver	-	-	-	-	-	-	179	82	-	154	83	-
Stage 1	-	-	-	-	-	-	276	383	-	188	333	-
Stage 2	-	-	-	-	-	-	493	330	-	524	383	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1	0	0	18.5
HCM LOS			A	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	403	-	-	591	-	-	333
HCM Lane V/C Ratio	-	-	0.115	-	-	-	-	-	0.203
HCM Control Delay (s)	0	0	15.1	-	-	0	-	-	18.5
HCM Lane LOS	A	A	C	-	-	A	-	-	C
HCM 95th %tile Q(veh)	-	-	0.4	-	-	0	-	-	0.7

HCM 6th Signalized Intersection Summary
Life School

03. 2026 Bkgd AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	372	79	65	367	124	212	992	72	74	312	24
Future Volume (veh/h)	35	372	79	65	367	124	212	992	72	74	312	24
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	38	404	86	71	399	135	230	1078	0	80	339	26
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	182	589	122	204	578	187	730	2892		401	2565	194
Arrive On Green	0.03	0.14	0.14	0.05	0.15	0.15	0.08	0.57	0.00	0.05	0.53	0.53
Sat Flow, veh/h	1781	4241	876	1781	3816	1236	1781	5274	0	1781	4804	363
Grp Volume(v), veh/h	38	322	168	71	354	180	230	1078	0	80	237	128
Grp Sat Flow(s),veh/h/ln	1781	1702	1713	1781	1702	1648	1781	1702	0	1781	1689	1790
Q Serve(g_s), s	1.6	8.1	8.4	3.0	8.9	9.4	5.1	10.4	0.0	1.8	3.2	3.2
Cycle Q Clear(g_c), s	1.6	8.1	8.4	3.0	8.9	9.4	5.1	10.4	0.0	1.8	3.2	3.2
Prop In Lane	1.00		0.51	1.00		0.75	1.00		0.00	1.00		0.20
Lane Grp Cap(c), veh/h	182	473	238	204	515	250	730	2892		401	1803	956
V/C Ratio(X)	0.21	0.68	0.71	0.35	0.69	0.72	0.32	0.37		0.20	0.13	0.13
Avail Cap(c_a), veh/h	230	775	390	230	775	375	794	2892		524	1803	956
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	31.8	36.9	37.0	31.5	36.2	36.4	7.6	10.7	0.0	8.6	10.5	10.5
Incr Delay (d2), s/veh	0.6	1.7	3.8	1.0	1.6	3.9	0.2	0.4	0.0	0.2	0.2	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	3.3	3.6	1.3	3.6	3.9	1.7	3.5	0.0	0.6	1.1	1.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	32.4	38.6	40.8	32.5	37.8	40.3	7.8	11.1	0.0	8.8	10.7	10.8
LnGrp LOS	C	D	D	C	D	D	A	B		A	B	B
Approach Vol, veh/h		528			605			1308			445	
Approach Delay, s/veh		38.9			37.9			10.5			10.4	
Approach LOS		D			D			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.8	55.5	8.7	17.0	11.8	52.5	7.6	18.1
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	3.8	12.4	5.0	10.4	7.1	5.2	3.6	11.4
Green Ext Time (p_c), s	0.1	7.7	0.0	2.1	0.2	2.2	0.0	2.2

Intersection Summary	
HCM 6th Ctrl Delay	21.4
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	2	530	543	1	0	3
Future Vol, veh/h	2	530	543	1	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	616	631	1	0	3

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	632	0	-	0	882	316
Stage 1	-	-	-	-	632	-
Stage 2	-	-	-	-	250	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	587	-	-	-	356	580
Stage 1	-	-	-	-	403	-
Stage 2	-	-	-	-	705	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	587	-	-	-	355	580
Mov Cap-2 Maneuver	-	-	-	-	355	-
Stage 1	-	-	-	-	402	-
Stage 2	-	-	-	-	705	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	11.2
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	587	-	-	-	580
HCM Lane V/C Ratio	0.004	-	-	-	0.006
HCM Control Delay (s)	11.2	-	-	-	11.2
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0

Intersection	
Int Delay, s/veh	1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	21	501	0	0	503	7	0	0	0	14	0	29
Future Vol, veh/h	21	501	0	0	503	7	0	0	0	14	0	29
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	15	2	2	2	2	2	2	2	2	2	2	4
Mvmt Flow	32	771	0	0	774	11	0	0	0	22	0	45

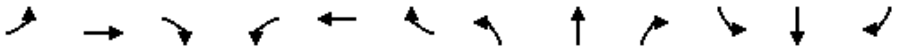
Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	785	0	0	771	0	0	1145	1620	386	1152	1615	393
Stage 1	-	-	-	-	-	-	835	835	-	780	780	-
Stage 2	-	-	-	-	-	-	310	785	-	372	835	-
Critical Hdwy	5.6	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.18
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.25	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.94
Pot Cap-1 Maneuver	456	-	-	504	-	-	210	102	523	208	103	513
Stage 1	-	-	-	-	-	-	259	381	-	282	404	-
Stage 2	-	-	-	-	-	-	619	402	-	568	381	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	456	-	-	504	-	-	181	95	523	197	96	513
Mov Cap-2 Maneuver	-	-	-	-	-	-	181	95	-	197	96	-
Stage 1	-	-	-	-	-	-	241	354	-	262	404	-
Stage 2	-	-	-	-	-	-	565	402	-	528	354	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.5	0	0	18.3
HCM LOS			A	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	456	-	-	504	-	-	337
HCM Lane V/C Ratio	-	-	0.071	-	-	-	-	-	0.196
HCM Control Delay (s)	0	0	13.5	-	-	0	-	-	18.3
HCM Lane LOS	A	A	B	-	-	A	-	-	C
HCM 95th %tile Q(veh)	-	-	0.2	-	-	0	-	-	0.7

HCM 6th Signalized Intersection Summary
Life School

04. 2026 Bkgd PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	62	315	306	134	426	140	90	541	28	111	885	64
Future Volume (veh/h)	62	315	306	134	426	140	90	541	28	111	885	64
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	89	450	437	191	609	200	129	773	0	159	1264	91
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	240	868	404	170	987	317	280	2255		432	2195	158
Arrive On Green	0.05	0.25	0.25	0.05	0.26	0.26	0.06	0.44	0.00	0.07	0.45	0.45
Sat Flow, veh/h	1767	3404	1585	1781	3824	1229	1781	5274	0	1781	4861	350
Grp Volume(v), veh/h	89	450	437	191	541	268	129	773	0	159	885	470
Grp Sat Flow(s),veh/h/ln	1767	1702	1585	1781	1702	1649	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	3.7	11.3	25.5	5.5	14.0	14.4	3.9	10.0	0.0	4.8	19.3	19.3
Cycle Q Clear(g_c), s	3.7	11.3	25.5	5.5	14.0	14.4	3.9	10.0	0.0	4.8	19.3	19.3
Prop In Lane	1.00		1.00	1.00		0.75	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	240	868	404	170	878	426	280	2255		432	1537	816
V/C Ratio(X)	0.37	0.52	1.08	1.12	0.62	0.63	0.46	0.34		0.37	0.58	0.58
Avail Cap(c_a), veh/h	245	868	404	170	878	426	363	2255		497	1537	816
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.4	32.0	37.3	33.7	32.7	32.9	15.9	18.4	0.0	13.8	20.3	20.3
Incr Delay (d2), s/veh	1.0	0.5	68.3	106.1	1.3	3.0	1.2	0.4	0.0	0.5	1.6	2.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	4.6	17.1	6.4	5.7	5.9	1.6	3.8	0.0	1.9	7.4	8.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	27.4	32.5	105.5	139.8	34.0	35.9	17.1	18.8	0.0	14.3	21.9	23.3
LnGrp LOS	C	C	F	F	C	D	B	B		B	C	C
Approach Vol, veh/h		976			1000			902			1514	
Approach Delay, s/veh		64.7			54.7			18.6			21.5	
Approach LOS		E			D			B			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.3	48.7	10.0	30.0	10.3	49.7	9.7	30.3
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	6.8	12.0	7.5	27.5	5.9	21.3	5.7	16.4
Green Ext Time (p_c), s	0.1	5.5	0.0	0.0	0.1	8.7	0.0	3.4

Intersection Summary	
HCM 6th Ctrl Delay	38.1
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	8	464	703	1	0	3
Future Vol, veh/h	8	464	703	1	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	11	611	925	1	0	4

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	926	0	-	0	1192	463
Stage 1	-	-	-	-	926	-
Stage 2	-	-	-	-	266	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	425	-	-	-	248	467
Stage 1	-	-	-	-	268	-
Stage 2	-	-	-	-	692	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	425	-	-	-	242	467
Mov Cap-2 Maneuver	-	-	-	-	242	-
Stage 1	-	-	-	-	261	-
Stage 2	-	-	-	-	692	-

Approach	EB	WB	SB
HCM Control Delay, s	0.2	0	12.8
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	425	-	-	-	467
HCM Lane V/C Ratio	0.025	-	-	-	0.008
HCM Control Delay (s)	13.7	-	-	-	12.8
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0.1	-	-	-	0

Intersection	
Int Delay, s/veh	1.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	32	431	0	0	656	12	0	0	0	8	0	38
Future Vol, veh/h	32	431	0	0	656	12	0	0	0	8	0	38
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	3	2	2	2	2	2	2	2	2	2	2	3
Mvmt Flow	49	663	0	0	1009	18	0	0	0	12	0	58

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1027	0	0	663	0	0	1165	1788	332	1381	1779	514
Stage 1	-	-	-	-	-	-	761	761	-	1018	1018	-
Stage 2	-	-	-	-	-	-	404	1027	-	363	761	-
Critical Hdwy	5.36	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.16
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.13	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.93
Pot Cap-1 Maneuver	377	-	-	567	-	-	204	80	566	152	81	431
Stage 1	-	-	-	-	-	-	291	412	-	193	313	-
Stage 2	-	-	-	-	-	-	544	310	-	576	412	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	377	-	-	567	-	-	159	70	566	137	70	431
Mov Cap-2 Maneuver	-	-	-	-	-	-	159	70	-	137	70	-
Stage 1	-	-	-	-	-	-	253	358	-	168	313	-
Stage 2	-	-	-	-	-	-	470	310	-	501	358	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.1	0	0	19.8
HCM LOS			A	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	377	-	-	567	-	-	314
HCM Lane V/C Ratio	-	-	0.131	-	-	-	-	-	0.225
HCM Control Delay (s)	0	0	16	-	-	0	-	-	19.8
HCM Lane LOS	A	A	C	-	-	A	-	-	C
HCM 95th %tile Q(veh)	-	-	0.4	-	-	0	-	-	0.8

Intersection	
Int Delay, s/veh	0

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	0	659	0	0	1324
Future Vol, veh/h	0	0	659	0	0	1324
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	100	180	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	0	1014	0	0	2037

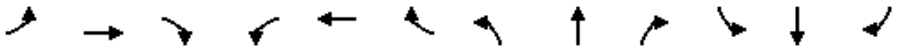
Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	1829	507	0	0	1014	0
Stage 1	1014	-	-	-	-	-
Stage 2	815	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	116	437	-	-	385	-
Stage 1	237	-	-	-	-	-
Stage 2	359	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	116	437	-	-	385	-
Mov Cap-2 Maneuver	116	-	-	-	-	-
Stage 1	237	-	-	-	-	-
Stage 2	359	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	0	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	-	-	385	-
HCM Lane V/C Ratio	-	-	-	-	-	-
HCM Control Delay (s)	-	-	0	0	0	-
HCM Lane LOS	-	-	A	A	A	-
HCM 95th %tile Q(veh)	-	-	-	-	0	-

HCM 6th Signalized Intersection Summary
Life School

05. 2026 Bkgd + HS AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	372	168	270	367	124	292	1151	257	77	488	24
Future Volume (veh/h)	35	372	168	270	367	124	292	1151	257	77	488	24
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	38	404	183	293	399	135	317	1251	0	84	530	26
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	220	570	245	228	725	235	618	2692		333	2306	112
Arrive On Green	0.03	0.16	0.16	0.06	0.19	0.19	0.11	0.53	0.00	0.05	0.47	0.47
Sat Flow, veh/h	1781	3499	1505	1781	3816	1236	1781	5274	0	1781	4948	241
Grp Volume(v), veh/h	38	393	194	293	354	180	317	1251	0	84	361	195
Grp Sat Flow(s),veh/h/ln	1781	1702	1599	1781	1702	1648	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	1.6	9.8	10.4	5.5	8.5	8.9	7.8	13.8	0.0	2.2	5.7	5.8
Cycle Q Clear(g_c), s	1.6	9.8	10.4	5.5	8.5	8.9	7.8	13.8	0.0	2.2	5.7	5.8
Prop In Lane	1.00		0.94	1.00		0.75	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	220	555	261	228	647	313	618	2692		333	1574	844
V/C Ratio(X)	0.17	0.71	0.75	1.29	0.55	0.57	0.51	0.46		0.25	0.23	0.23
Avail Cap(c_a), veh/h	268	775	364	228	775	375	630	2692		454	1574	844
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.9	35.6	35.9	36.3	33.0	33.1	9.4	13.3	0.0	11.6	14.4	14.4
Incr Delay (d2), s/veh	0.4	1.8	5.2	157.7	0.7	1.7	0.7	0.6	0.0	0.4	0.3	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.0	4.3	12.2	3.4	3.6	2.7	4.8	0.0	0.8	2.1	2.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.3	37.4	41.1	194.0	33.7	34.8	10.1	13.9	0.0	12.0	14.7	15.0
LnGrp LOS	C	D	D	F	C	C	B	B		B	B	B
Approach Vol, veh/h		625			827			1568			640	
Approach Delay, s/veh		38.1			90.7			13.1			14.4	
Approach LOS		D			F			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.9	51.9	10.0	19.2	14.4	46.4	7.6	21.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	4.2	15.8	7.5	12.4	9.8	7.8	3.6	10.9
Green Ext Time (p_c), s	0.1	8.5	0.0	2.2	0.1	3.5	0.0	2.2

Intersection Summary	
HCM 6th Ctrl Delay	35.2
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	2	718	749	1	0	3
Future Vol, veh/h	2	718	749	1	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	835	871	1	0	3

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	872	0	-	0	1210	436
Stage 1	-	-	-	-	872	-
Stage 2	-	-	-	-	338	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	451	-	-	-	243	486
Stage 1	-	-	-	-	289	-
Stage 2	-	-	-	-	636	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	451	-	-	-	242	486
Mov Cap-2 Maneuver	-	-	-	-	242	-
Stage 1	-	-	-	-	288	-
Stage 2	-	-	-	-	636	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	12.5
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	451	-	-	-	486
HCM Lane V/C Ratio	0.005	-	-	-	0.007
HCM Control Delay (s)	13	-	-	-	12.5
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0

HCM 6th TWSC
Life School

05. 2026 Bkgd + HS AM
202: MS Driveway & E Danieldale Rd.

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	32	675	3	3	697	7	0	0	0	14	0	41
Future Vol, veh/h	32	675	3	3	697	7	0	0	0	14	0	41
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	15	2	2	2	2	2	2	2	2	2	2	4
Mvmt Flow	49	1038	5	5	1072	11	0	0	0	22	0	63

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1083	0	0	1043	0	0	1575	2229	519	1601	2229	542
Stage 1	-	-	-	-	-	-	1136	1136	-	1088	1088	-
Stage 2	-	-	-	-	-	-	439	1093	-	513	1141	-
Critical Hdwy	5.6	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.18
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.25	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.94
Pot Cap-1 Maneuver	322	-	-	373	-	-	116	42	429	112	42	411
Stage 1	-	-	-	-	-	-	160	275	-	173	290	-
Stage 2	-	-	-	-	-	-	518	288	-	468	274	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	322	-	-	373	-	-	86	35	429	98	35	411
Mov Cap-2 Maneuver	-	-	-	-	-	-	86	35	-	98	35	-
Stage 1	-	-	-	-	-	-	136	233	-	147	286	-
Stage 2	-	-	-	-	-	-	433	284	-	397	232	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.8	0.1	0	30
HCM LOS			A	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	322	-	-	373	-	-	227
HCM Lane V/C Ratio	-	-	0.153	-	-	0.012	-	-	0.373
HCM Control Delay (s)	0	0	18.2	-	-	14.8	-	-	30
HCM Lane LOS	A	A	C	-	-	B	-	-	D
HCM 95th %tile Q(veh)	-	-	0.5	-	-	0	-	-	1.6

Intersection	
Int Delay, s/veh	451.7

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	106	423	1277	119	471	455
Future Vol, veh/h	106	423	1277	119	471	455
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	100	180	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	163	651	1965	183	725	700

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	3695	983	0	0	2148	0
Stage 1	1965	-	-	-	-	-
Stage 2	1730	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	~ 10	~ 213	-	-	~ 105	-
Stage 1	~ 60	-	-	-	-	-
Stage 2	~ 113	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	0	~ 213	-	-	~ 105	-
Mov Cap-2 Maneuver	0	-	-	-	-	-
Stage 1	~ 60	-	-	-	-	-
Stage 2	0	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s		0	$ 1390.8
HCM LOS	-		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	-	213	~ 105	-
HCM Lane V/C Ratio	-	-	-	3.055	6.901	-
HCM Control Delay (s)	-	-	-$	971.2	$ 2734.3	-
HCM Lane LOS	-	-	-	F	F	-
HCM 95th %tile Q(veh)	-	-	-	58.9	80.8	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

HCM 6th Signalized Intersection Summary

06. 2026 Bkgd + HS PM

101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	62	315	371	284	426	140	155	672	180	114	1014	64
Future Volume (veh/h)	62	315	371	284	426	140	155	672	180	114	1014	64
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	89	450	530	406	609	200	221	960	0	163	1449	91
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	240	868	404	170	987	317	292	2238		380	2062	129
Arrive On Green	0.05	0.25	0.25	0.05	0.26	0.26	0.09	0.44	0.00	0.07	0.42	0.42
Sat Flow, veh/h	1767	3404	1585	1781	3824	1229	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	89	450	530	406	541	268	221	960	0	163	1004	536
Grp Sat Flow(s),veh/h/ln	1767	1702	1585	1781	1702	1649	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	3.7	11.3	25.5	5.5	14.0	14.4	6.9	13.0	0.0	5.1	24.3	24.3
Cycle Q Clear(g_c), s	3.7	11.3	25.5	5.5	14.0	14.4	6.9	13.0	0.0	5.1	24.3	24.3
Prop In Lane	1.00		1.00	1.00		0.75	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	240	868	404	170	878	426	292	2238		380	1429	762
V/C Ratio(X)	0.37	0.52	1.31	2.39	0.62	0.63	0.76	0.43		0.43	0.70	0.70
Avail Cap(c_a), veh/h	245	868	404	170	878	426	319	2238		439	1429	762
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.4	32.0	37.3	33.7	32.7	32.9	20.1	19.4	0.0	15.1	23.9	23.9
Incr Delay (d2), s/veh	1.0	0.5	156.8	642.6	1.3	3.0	9.2	0.6	0.0	0.8	2.9	5.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	4.6	27.0	31.8	5.7	5.9	3.3	5.0	0.0	2.0	9.7	10.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	27.4	32.5	194.1	676.3	34.0	35.9	29.3	20.0	0.0	15.9	26.8	29.3
LnGrp LOS	C	C	F	F	C	D	C	C		B	C	C
Approach Vol, veh/h		1069			1215			1181			1703	
Approach Delay, s/veh		112.2			249.1			21.8			26.5	
Approach LOS		F			F			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.7	48.3	10.0	30.0	13.5	46.5	9.7	30.3
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	7.1	15.0	7.5	27.5	8.9	26.3	5.7	16.4
Green Ext Time (p_c), s	0.1	6.9	0.0	0.0	0.1	8.3	0.0	3.4

Intersection Summary	
HCM 6th Ctrl Delay	95.5
HCM 6th LOS	F

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	8	618	853	1	0	3
Future Vol, veh/h	8	618	853	1	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	11	813	1122	1	0	4

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1123	0	-	0	1470	562
Stage 1	-	-	-	-	1123	-
Stage 2	-	-	-	-	347	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	341	-	-	-	179	403
Stage 1	-	-	-	-	203	-
Stage 2	-	-	-	-	629	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	341	-	-	-	173	403
Mov Cap-2 Maneuver	-	-	-	-	173	-
Stage 1	-	-	-	-	197	-
Stage 2	-	-	-	-	629	-

Approach	EB	WB	SB
HCM Control Delay, s	0.2	0	14
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	341	-	-	-	403
HCM Lane V/C Ratio	0.031	-	-	-	0.01
HCM Control Delay (s)	15.9	-	-	-	14
HCM Lane LOS	C	-	-	-	B
HCM 95th %tile Q(veh)	0.1	-	-	-	0

HCM 6th TWSC

06. 2026 Bkgd + HS PM

202: MS Driveway & E Danieldale Rd.

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	41	574	2	2	798	12	0	0	0	8	0	47
Future Vol, veh/h	41	574	2	2	798	12	0	0	0	8	0	47
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	3	2	2	2	2	2	2	2	2	2	2	3
Mvmt Flow	63	883	3	3	1228	18	0	0	0	12	0	72

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1246	0	0	886	0	0	1506	2261	442	1722	2255	623
Stage 1	-	-	-	-	-	-	1009	1009	-	1243	1243	-
Stage 2	-	-	-	-	-	-	497	1252	-	479	1012	-
Critical Hdwy	5.36	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.16
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.13	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.93
Pot Cap-1 Maneuver	295	-	-	444	-	-	128	40	482	94	41	366
Stage 1	-	-	-	-	-	-	196	316	-	135	245	-
Stage 2	-	-	-	-	-	-	478	242	-	490	315	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	295	-	-	444	-	-	85	31	482	78	32	366
Mov Cap-2 Maneuver	-	-	-	-	-	-	85	31	-	78	32	-
Stage 1	-	-	-	-	-	-	154	248	-	106	243	-
Stage 2	-	-	-	-	-	-	381	240	-	385	248	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.4	0	0	28.2
HCM LOS			A	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	295	-	-	444	-	-	238
HCM Lane V/C Ratio	-	-	0.214	-	-	0.007	-	-	0.356
HCM Control Delay (s)	0	0	20.5	-	-	13.2	-	-	28.2
HCM Lane LOS	A	A	C	-	-	B	-	-	D
HCM 95th %tile Q(veh)	-	-	0.8	-	-	0	-	-	1.5

HCM 6th TWSC

06. 2026 Bkgd + HS PM

203: S Cockrell Hill Rd. & HS Driveway

Intersection	
Int Delay, s/veh	37.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	87	348	659	87	344	1324
Future Vol, veh/h	87	348	659	87	344	1324
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	100	180	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	134	535	1014	134	529	2037

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	2887	507	0	0	1148	0
Stage 1	1014	-	-	-	-	-
Stage 2	1873	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	~ 30	~ 437	-	-	~ 332	-
Stage 1	237	-	-	-	-	-
Stage 2	~ 94	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	0	~ 437	-	-	~ 332	-
Mov Cap-2 Maneuver	0	-	-	-	-	-
Stage 1	237	-	-	-	-	-
Stage 2	0	-	-	-	-	-

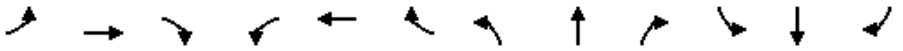
Approach	WB	NB	SB
HCM Control Delay, s		0	63.9
HCM LOS	-		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	-	437	~ 332	-
HCM Lane V/C Ratio	-	-	-	1.225	1.594	-
HCM Control Delay (s)	-	-	-	148.2	$ 309.6	-
HCM Lane LOS	-	-	-	F	F	-
HCM 95th %tile Q(veh)	-	-	-	21.6	31	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

HCM 6th Signalized Intersection Summary
Life School

07. 2028 Bkgd + HS AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	388	171	273	382	129	300	1191	260	80	500	25
Future Volume (veh/h)	36	388	171	273	382	129	300	1191	260	80	500	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	39	422	186	297	415	140	326	1295	0	87	543	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	219	588	247	227	738	239	612	2669		321	2267	112
Arrive On Green	0.03	0.17	0.17	0.06	0.19	0.19	0.11	0.52	0.00	0.05	0.46	0.46
Sat Flow, veh/h	1781	3526	1481	1781	3817	1235	1781	5274	0	1781	4944	244
Grp Volume(v), veh/h	39	407	201	297	368	187	326	1295	0	87	370	200
Grp Sat Flow(s),veh/h/ln	1781	1702	1604	1781	1702	1648	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	1.6	10.2	10.8	5.5	8.8	9.3	8.2	14.6	0.0	2.3	6.0	6.1
Cycle Q Clear(g_c), s	1.6	10.2	10.8	5.5	8.8	9.3	8.2	14.6	0.0	2.3	6.0	6.1
Prop In Lane	1.00		0.92	1.00		0.75	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	219	568	268	227	658	319	612	2669		321	1548	831
V/C Ratio(X)	0.18	0.72	0.75	1.31	0.56	0.59	0.53	0.49		0.27	0.24	0.24
Avail Cap(c_a), veh/h	266	775	365	227	775	375	617	2669		441	1548	831
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.6	35.5	35.7	36.1	32.8	33.0	9.7	13.7	0.0	12.0	14.8	14.8
Incr Delay (d2), s/veh	0.4	2.0	5.8	166.1	0.7	1.7	0.9	0.6	0.0	0.4	0.4	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.2	4.4	12.7	3.5	3.7	2.8	5.1	0.0	0.9	2.2	2.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.0	37.5	41.5	202.2	33.6	34.7	10.5	14.4	0.0	12.5	15.2	15.5
LnGrp LOS	C	D	D	F	C	C	B	B		B	B	B
Approach Vol, veh/h		647			852			1621			657	
Approach Delay, s/veh		38.3			92.6			13.6			14.9	
Approach LOS		D			F			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.9	51.5	10.0	19.5	14.7	45.8	7.6	21.9
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	4.3	16.6	7.5	12.8	10.2	8.1	3.6	11.3
Green Ext Time (p_c), s	0.1	8.7	0.0	2.3	0.0	3.5	0.0	2.3

Intersection Summary	
HCM 6th Ctrl Delay	35.9
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	2	739	771	1	0	3
Future Vol, veh/h	2	739	771	1	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	859	897	1	0	3

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	898	0	-	0	1246	449
Stage 1	-	-	-	-	898	-
Stage 2	-	-	-	-	348	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	438	-	-	-	233	477
Stage 1	-	-	-	-	279	-
Stage 2	-	-	-	-	629	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	438	-	-	-	232	477
Mov Cap-2 Maneuver	-	-	-	-	232	-
Stage 1	-	-	-	-	278	-
Stage 2	-	-	-	-	629	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	12.6
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	438	-	-	-	477
HCM Lane V/C Ratio	0.005	-	-	-	0.007
HCM Control Delay (s)	13.3	-	-	-	12.6
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0

HCM 6th TWSC
Life School

07. 2028 Bkgd + HS AM
202: MS Driveway & E Danieldale Rd.

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	33	696	3	3	717	8	0	0	0	14	0	42
Future Vol, veh/h	33	696	3	3	717	8	0	0	0	14	0	42
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	15	2	2	2	2	2	2	2	2	2	2	4
Mvmt Flow	51	1071	5	5	1103	12	0	0	0	22	0	65

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1115	0	0	1076	0	0	1624	2298	536	1649	2297	558
Stage 1	-	-	-	-	-	-	1173	1173	-	1119	1119	-
Stage 2	-	-	-	-	-	-	451	1125	-	530	1178	-
Critical Hdwy	5.6	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.18
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.25	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.94
Pot Cap-1 Maneuver	310	-	-	360	-	-	108	38	419	104	38	401
Stage 1	-	-	-	-	-	-	151	264	-	164	280	-
Stage 2	-	-	-	-	-	-	510	278	-	457	263	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	310	-	-	360	-	-	78	31	419	90	31	401
Mov Cap-2 Maneuver	-	-	-	-	-	-	78	31	-	90	31	-
Stage 1	-	-	-	-	-	-	126	220	-	137	276	-
Stage 2	-	-	-	-	-	-	422	274	-	382	220	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.9	0.1	0	32.5
HCM LOS			A	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	310	-	-	360	-	-	215
HCM Lane V/C Ratio	-	-	0.164	-	-	0.013	-	-	0.401
HCM Control Delay (s)	0	0	18.9	-	-	15.1	-	-	32.5
HCM Lane LOS	A	A	C	-	-	C	-	-	D
HCM 95th %tile Q(veh)	-	-	0.6	-	-	0	-	-	1.8

Intersection	
Int Delay, s/veh	488.9

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	106	423	1328	119	471	474
Future Vol, veh/h	106	423	1328	119	471	474
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	100	180	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	163	651	2043	183	725	729

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	3785	1022	0	0	2226	0
Stage 1	2043	-	-	-	-	-
Stage 2	1742	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	~ 9	~ 201	-	-	~ 96	-
Stage 1	~ 53	-	-	-	-	-
Stage 2	~ 111	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	0	~ 201	-	-	~ 96	-
Mov Cap-2 Maneuver	0	-	-	-	-	-
Stage 1	~ 53	-	-	-	-	-
Stage 2	0	-	-	-	-	-

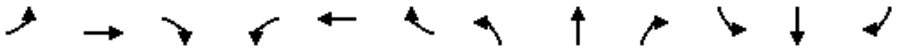
Approach	WB	NB	SB
HCM Control Delay, s		0	$ 1511.1
HCM LOS	-		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	-	201	~ 96	-
HCM Lane V/C Ratio	-	-	-	3.238	7.548	-
HCM Control Delay (s)	-	-	$ 1055.3	$ 3031.7		-
HCM Lane LOS	-	-	-	F	F	-
HCM 95th %tile Q(veh)	-	-	-	60.3	81.9	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

HCM 6th Signalized Intersection Summary
Life School

08. 2028 Bkgd + HS PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	64	328	383	290	443	146	159	694	181	118	1049	66
Future Volume (veh/h)	64	328	383	290	443	146	159	694	181	118	1049	66
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	91	469	547	414	633	209	227	991	0	169	1499	94
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	234	868	404	170	981	318	288	2227		374	2051	129
Arrive On Green	0.05	0.25	0.25	0.05	0.26	0.26	0.09	0.44	0.00	0.07	0.42	0.42
Sat Flow, veh/h	1767	3404	1585	1781	3816	1236	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	91	469	547	414	563	279	227	991	0	169	1039	554
Grp Sat Flow(s),veh/h/ln	1767	1702	1585	1781	1702	1648	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	3.8	11.9	25.5	5.5	14.7	15.1	7.2	13.6	0.0	5.3	25.6	25.6
Cycle Q Clear(g_c), s	3.8	11.9	25.5	5.5	14.7	15.1	7.2	13.6	0.0	5.3	25.6	25.6
Prop In Lane	1.00		1.00	1.00		0.75	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	234	868	404	170	875	424	288	2227		374	1422	758
V/C Ratio(X)	0.39	0.54	1.35	2.44	0.64	0.66	0.79	0.44		0.45	0.73	0.73
Avail Cap(c_a), veh/h	238	868	404	170	875	424	311	2227		430	1422	758
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.5	32.2	37.3	33.7	33.1	33.2	20.6	19.7	0.0	15.3	24.4	24.4
Incr Delay (d2), s/veh	1.1	0.7	174.5	663.6	1.6	3.7	11.9	0.6	0.0	0.9	3.3	6.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	4.8	29.0	32.8	6.0	6.2	3.6	5.2	0.0	2.1	10.3	11.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	27.6	32.9	211.8	697.3	34.7	36.9	32.5	20.4	0.0	16.1	27.7	30.5
LnGrp LOS	C	C	F	F	C	D	C	C		B	C	C
Approach Vol, veh/h		1107			1256			1218			1762	
Approach Delay, s/veh		120.8			253.6			22.6			27.5	
Approach LOS		F			F			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.9	48.1	10.0	30.0	13.7	46.3	9.8	30.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	7.3	15.6	7.5	27.5	9.2	27.6	5.8	17.1
Green Ext Time (p_c), s	0.1	7.1	0.0	0.0	0.1	8.1	0.0	3.3

Intersection Summary	
HCM 6th Ctrl Delay	98.9
HCM 6th LOS	F

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	9	637	881	1	0	3
Future Vol, veh/h	9	637	881	1	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	12	838	1159	1	0	4

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1160	0	-	0	1519	580
Stage 1	-	-	-	-	1160	-
Stage 2	-	-	-	-	359	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	327	-	-	-	168	392
Stage 1	-	-	-	-	193	-
Stage 2	-	-	-	-	621	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	327	-	-	-	162	392
Mov Cap-2 Maneuver	-	-	-	-	162	-
Stage 1	-	-	-	-	186	-
Stage 2	-	-	-	-	621	-

Approach	EB	WB	SB
HCM Control Delay, s	0.2	0	14.3
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	327	-	-	-	392
HCM Lane V/C Ratio	0.036	-	-	-	0.01
HCM Control Delay (s)	16.4	-	-	-	14.3
HCM Lane LOS	C	-	-	-	B
HCM 95th %tile Q(veh)	0.1	-	-	-	0

HCM 6th TWSC
Life School

08. 2028 Bkgd + HS PM
202: MS Driveway & E Danieldale Rd.

Intersection	
Int Delay, s/veh	1.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	592	2	2	824	12	0	0	0	9	0	48
Future Vol, veh/h	42	592	2	2	824	12	0	0	0	9	0	48
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	3	2	2	2	2	2	2	2	2	2	2	3
Mvmt Flow	65	911	3	3	1268	18	0	0	0	14	0	74

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1286	0	0	914	0	0	1554	2333	456	1777	2327	643
Stage 1	-	-	-	-	-	-	1041	1041	-	1283	1283	-
Stage 2	-	-	-	-	-	-	513	1292	-	494	1044	-
Critical Hdwy	5.36	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.16
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.13	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.93
Pot Cap-1 Maneuver	282	-	-	431	-	-	119	36	472	87	37	355
Stage 1	-	-	-	-	-	-	186	305	-	126	234	-
Stage 2	-	-	-	-	-	-	468	232	-	480	304	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	282	-	-	431	-	-	77	28	472	71	28	355
Mov Cap-2 Maneuver	-	-	-	-	-	-	77	28	-	71	28	-
Stage 1	-	-	-	-	-	-	143	235	-	97	232	-
Stage 2	-	-	-	-	-	-	368	230	-	369	234	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.4	0	0	32.2
HCM LOS			A	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	282	-	-	431	-	-	218
HCM Lane V/C Ratio	-	-	0.229	-	-	0.007	-	-	0.402
HCM Control Delay (s)	0	0	21.5	-	-	13.4	-	-	32.2
HCM Lane LOS	A	A	C	-	-	B	-	-	D
HCM 95th %tile Q(veh)	-	-	0.9	-	-	0	-	-	1.8

Intersection	
Int Delay, s/veh	40.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	87	348	686	87	344	1378
Future Vol, veh/h	87	348	686	87	344	1378
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	100	180	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	134	535	1055	134	529	2120

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	2961	528	0	0	1189	0
Stage 1	1055	-	-	-	-	-
Stage 2	1906	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	~ 28	~ 424	-	-	~ 317	-
Stage 1	224	-	-	-	-	-
Stage 2	~ 90	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	0	~ 424	-	-	~ 317	-
Mov Cap-2 Maneuver	0	-	-	-	-	-
Stage 1	224	-	-	-	-	-
Stage 2	0	-	-	-	-	-

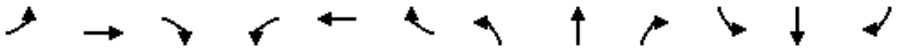
Approach	WB	NB	SB
HCM Control Delay, s		0	68.7
HCM LOS	-		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	-	424	~ 317	-
HCM Lane V/C Ratio	-	-	-	1.263	1.669	-
HCM Control Delay (s)	-	-	-	163.8	$ 343.7	-
HCM Lane LOS	-	-	-	F	F	-
HCM 95th %tile Q(veh)	-	-	-	22.7	32.6	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

HCM 6th Signalized Intersection Summary
Life School

09. 2028 Bkgd + Full Site AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	443	171	339	431	228	300	1191	335	192	500	25
Future Volume (veh/h)	36	443	171	339	431	228	300	1191	335	192	500	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	39	482	186	368	468	248	326	1295	0	209	543	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	183	650	242	225	694	323	604	2428		360	2199	109
Arrive On Green	0.03	0.18	0.18	0.06	0.20	0.20	0.12	0.48	0.00	0.09	0.44	0.44
Sat Flow, veh/h	1781	3665	1364	1781	3404	1585	1781	5274	0	1781	4944	244
Grp Volume(v), veh/h	39	446	222	368	468	248	326	1295	0	209	370	200
Grp Sat Flow(s),veh/h/ln	1781	1702	1625	1781	1702	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	1.6	11.2	11.7	5.5	11.4	13.3	8.8	16.0	0.0	5.6	6.1	6.2
Cycle Q Clear(g_c), s	1.6	11.2	11.7	5.5	11.4	13.3	8.8	16.0	0.0	5.6	6.1	6.2
Prop In Lane	1.00		0.84	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	183	604	288	225	694	323	604	2428		360	1502	806
V/C Ratio(X)	0.21	0.74	0.77	1.63	0.67	0.77	0.54	0.53		0.58	0.25	0.25
Avail Cap(c_a), veh/h	230	775	370	225	775	361	604	2428		414	1502	806
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.3	35.0	35.3	35.6	33.1	33.8	10.8	16.6	0.0	13.1	15.6	15.6
Incr Delay (d2), s/veh	0.6	2.8	7.2	304.1	2.0	8.6	1.0	0.8	0.0	1.5	0.4	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.7	5.0	21.2	4.7	5.6	3.2	5.8	0.0	2.1	2.3	2.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.8	37.8	42.5	339.7	35.1	42.4	11.8	17.4	0.0	14.7	16.0	16.3
LnGrp LOS	C	D	D	F	D	D	B	B		B	B	B
Approach Vol, veh/h		707			1084			1621			779	
Approach Delay, s/veh		38.8			140.2			16.3			15.7	
Approach LOS		D			F			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.2	47.3	10.0	20.5	15.0	44.5	7.6	22.9
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	7.6	18.0	7.5	13.7	10.8	8.2	3.6	15.3
Green Ext Time (p_c), s	0.2	8.3	0.0	2.3	0.0	3.5	0.0	2.0

Intersection Summary	
HCM 6th Ctrl Delay	52.0
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	2	981	985	1	0	3
Future Vol, veh/h	2	981	985	1	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	1141	1145	1	0	3

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1146	0	-	0	1606	573
Stage 1	-	-	-	-	1146	-
Stage 2	-	-	-	-	460	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	333	-	-	-	152	396
Stage 1	-	-	-	-	197	-
Stage 2	-	-	-	-	550	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	333	-	-	-	151	396
Mov Cap-2 Maneuver	-	-	-	-	151	-
Stage 1	-	-	-	-	196	-
Stage 2	-	-	-	-	550	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	14.2
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	333	-	-	-	396
HCM Lane V/C Ratio	0.007	-	-	-	0.009
HCM Control Delay (s)	15.9	-	-	-	14.2
HCM Lane LOS	C	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0

HCM 6th TWSC
Life School

09. 2028 Bkgd + Full Site AM
202: MS Driveway & E Danieldale Rd.

Intersection	
Int Delay, s/veh	4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	33	696	245	126	717	8	214	7	109	14	7	42
Future Vol, veh/h	33	696	245	126	717	8	214	7	109	14	7	42
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	15	2	2	2	2	2	2	2	2	2	2	4
Mvmt Flow	51	1071	377	194	1103	12	329	11	168	22	11	65

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1115	0	0	1448	0	0	2008	2676	536	2033	3047	558
Stage 1	-	-	-	-	-	-	1173	1173	-	1497	1497	-
Stage 2	-	-	-	-	-	-	835	1503	-	536	1550	-
Critical Hdwy	5.6	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.18
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.25	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.94
Pot Cap-1 Maneuver	310	-	-	236	-	-	~ 63	22	419	61	12	401
Stage 1	-	-	-	-	-	-	~ 151	264	-	89	184	-
Stage 2	-	-	-	-	-	-	~ 298	183	-	453	173	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	310	-	-	236	-	-	-	~ 3	419	-	~ 2	401
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	~ 3	-	-	~ 2	-
Stage 1	-	-	-	-	-	-	~ 126	220	-	74	33	-
Stage 2	-	-	-	-	-	-	~ 30	33	-	216	144	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.6	9.7		
HCM LOS			-	-

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	419	310	-	-	236	-	-	-
HCM Lane V/C Ratio	-	0.4	0.164	-	-	0.821	-	-	-
HCM Control Delay (s)	-	19.2	18.9	-	-	65.2	-	-	-
HCM Lane LOS	-	C	C	-	-	F	-	-	-
HCM 95th %tile Q(veh)	-	1.9	0.6	-	-	6.3	-	-	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Queuing and Blocking Report
09. 2028 Bkgd + Full Site AM

04/02/2024

Intersection: 202: MS Driveway & E Danieldale Rd.

Movement	EB	WB	WB	WB	NB	NB	SB
Directions Served	L	L	T	T	LT	R	LTR
Maximum Queue (ft)	27	44	168	154	448	461	70
Average Queue (ft)	13	25	19	0	426	426	38
95th Queue (ft)	35	47	76	0	436	442	58
Link Distance (ft)			1338	1338	409	409	197
Upstream Blk Time (%)					98	96	
Queuing Penalty (veh)					0	0	
Storage Bay Dist (ft)	125	125					
Storage Blk Time (%)			1				
Queuing Penalty (veh)			2				

Intersection	
Int Delay, s/veh	542.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	106	423	1403	119	471	539
Future Vol, veh/h	106	423	1403	119	471	539
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	100	180	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	163	651	2158	183	725	829

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	3940	1079	0	0	2341	0
Stage 1	2158	-	-	-	-	-
Stage 2	1782	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	~ 7	~ 184	-	-	~ 84	-
Stage 1	~ 45	-	-	-	-	-
Stage 2	~ 106	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	0	~ 184	-	-	~ 84	-
Mov Cap-2 Maneuver	0	-	-	-	-	-
Stage 1	~ 45	-	-	-	-	-
Stage 2	0	-	-	-	-	-

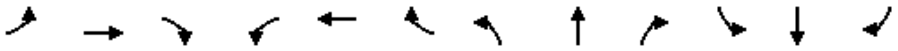
Approach	WB	NB	SB
HCM Control Delay, s		0	$ 1645
HCM LOS	-		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	-	184	~ 84	-
HCM Lane V/C Ratio	-	-	-	3.537	8.626	-
HCM Control Delay (s)	-	-	$ 1192.8	$ 3527.5		-
HCM Lane LOS	-	-	-	F	F	-
HCM 95th %tile Q(veh)	-	-	-	62.3	83.3	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

HCM 6th Signalized Intersection Summary
Life School

10. 2028 Bkgd + Full Site PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	64	366	383	340	480	221	159	694	231	194	1049	66
Future Volume (veh/h)	64	366	383	340	480	221	159	694	231	194	1049	66
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	91	523	547	486	686	316	227	991	0	277	1499	94
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	204	868	404	170	883	401	290	2068		408	2044	128
Arrive On Green	0.05	0.25	0.25	0.05	0.26	0.26	0.09	0.41	0.00	0.10	0.42	0.42
Sat Flow, veh/h	1767	3404	1585	1781	3435	1559	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	91	523	547	486	680	322	227	991	0	277	1039	554
Grp Sat Flow(s),veh/h/ln	1767	1702	1585	1781	1702	1590	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	3.8	13.5	25.5	5.5	18.5	18.9	7.3	14.3	0.0	9.0	25.6	25.7
Cycle Q Clear(g_c), s	3.8	13.5	25.5	5.5	18.5	18.9	7.3	14.3	0.0	9.0	25.6	25.7
Prop In Lane	1.00		1.00	1.00		0.98	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	204	868	404	170	875	409	290	2068		408	1417	755
V/C Ratio(X)	0.45	0.60	1.35	2.86	0.78	0.79	0.78	0.48		0.68	0.73	0.73
Avail Cap(c_a), veh/h	207	868	404	170	875	409	310	2068		408	1417	755
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	27.3	32.8	37.3	33.7	34.5	34.6	20.8	22.0	0.0	16.2	24.5	24.5
Incr Delay (d2), s/veh	1.5	1.2	174.5	852.7	4.5	9.9	11.6	0.8	0.0	4.5	3.4	6.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	5.5	29.0	41.7	7.9	8.1	3.7	5.5	0.0	3.9	10.3	11.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.9	34.0	211.8	886.4	38.9	44.6	32.4	22.8	0.0	20.7	27.9	30.8
LnGrp LOS	C	C	F	F	D	D	C	C		C	C	C
Approach Vol, veh/h		1161			1488			1218			1870	
Approach Delay, s/veh		117.3			316.9			24.6			27.7	
Approach LOS		F			F			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.0	45.0	10.0	30.0	13.9	46.1	9.8	30.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	11.0	16.3	7.5	27.5	9.3	27.7	5.8	20.9
Green Ext Time (p_c), s	0.0	7.1	0.0	0.0	0.1	8.0	0.0	2.5

Intersection Summary	
HCM 6th Ctrl Delay	120.2
HCM 6th LOS	F

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	9	801	1044	1	0	3
Future Vol, veh/h	9	801	1044	1	0	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	12	1054	1374	1	0	4

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1375	0	-	0	1821	688
Stage 1	-	-	-	-	1375	-
Stage 2	-	-	-	-	446	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	257	-	-	-	117	333
Stage 1	-	-	-	-	142	-
Stage 2	-	-	-	-	560	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	257	-	-	-	112	333
Mov Cap-2 Maneuver	-	-	-	-	112	-
Stage 1	-	-	-	-	135	-
Stage 2	-	-	-	-	560	-

Approach	EB	WB	SB
HCM Control Delay, s	0.2	0	15.9
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	257	-	-	-	333
HCM Lane V/C Ratio	0.046	-	-	-	0.012
HCM Control Delay (s)	19.7	-	-	-	15.9
HCM Lane LOS	C	-	-	-	C
HCM 95th %tile Q(veh)	0.1	-	-	-	0

HCM 6th TWSC
Life School

10. 2028 Bkgd + Full Site PM
202: MS Driveway & E Danieldale Rd.

Intersection	
Int Delay, s/veh	1688.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	42	592	166	85	824	12	163	5	83	9	5	48
Future Vol, veh/h	42	592	166	85	824	12	163	5	83	9	5	48
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	3	2	2	2	2	2	2	2	2	2	2	3
Mvmt Flow	65	911	255	131	1268	18	251	8	128	14	8	74

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1286	0	0	1166	0	0	1814	2589	456	2037	2835	643
Stage 1	-	-	-	-	-	-	1041	1041	-	1539	1539	-
Stage 2	-	-	-	-	-	-	773	1548	-	498	1296	-
Critical Hdwy	5.36	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.16
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.13	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.93
Pot Cap-1 Maneuver	282	-	-	325	-	-	~ 83	25	472	60	17	355
Stage 1	-	-	-	-	-	-	~ 186	305	-	83	176	-
Stage 2	-	-	-	-	-	-	325	174	-	478	231	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	282	-	-	325	-	-	~ 6	12	472	~ 13	8	355
Mov Cap-2 Maneuver	-	-	-	-	-	-	~ 6	12	-	~ 13	8	-
Stage 1	-	-	-	-	-	-	~ 143	235	-	64	105	-
Stage 2	-	-	-	-	-	-	~ 142	104	-	260	178	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.1	2.2	$ 13482	$ 761.2
HCM LOS			F	F

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	6	472	282	-	-	325	-	-	43
HCM Lane V/C Ratio	43.077	0.271	0.229	-	-	0.402	-	-	2.218
HCM Control Delay (s)	$ 20135.1	15.4	21.5	-	-	23.3	-	-	$ 761.2
HCM Lane LOS	F	C	C	-	-	C	-	-	F
HCM 95th %tile Q(veh)	34.4	1.1	0.9	-	-	1.9	-	-	10.1

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Queuing and Blocking Report
10. 2028 Bkgd + Full Site PM

04/02/2024

Intersection: 202: MS Driveway & E Danieldale Rd.

Movement	EB	WB	WB	WB	WB	NB	NB	SB
Directions Served	L	L	T	T	TR	LT	R	LTR
Maximum Queue (ft)	47	160	511	442	112	424	424	212
Average Queue (ft)	17	59	128	106	5	309	201	58
95th Queue (ft)	42	155	435	384	44	527	513	148
Link Distance (ft)			1338	1338	1338	409	409	197
Upstream Blk Time (%)						49	47	8
Queuing Penalty (veh)						0	0	0
Storage Bay Dist (ft)	125	125						
Storage Blk Time (%)		0	23					
Queuing Penalty (veh)		0	19					

Intersection	
Int Delay, s/veh	46.7

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	87	348	736	87	344	1428
Future Vol, veh/h	87	348	736	87	344	1428
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	100	180	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	134	535	1132	134	529	2197

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	3069	566	0	0	1266	0
Stage 1	1132	-	-	-	-	-
Stage 2	1937	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	~ 24	~ 400	-	-	~ 291	-
Stage 1	201	-	-	-	-	-
Stage 2	~ 86	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	0	~ 400	-	-	~ 291	-
Mov Cap-2 Maneuver	0	-	-	-	-	-
Stage 1	201	-	-	-	-	-
Stage 2	0	-	-	-	-	-

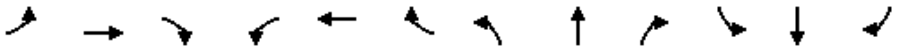
Approach	WB	NB	SB
HCM Control Delay, s		0	79.9
HCM LOS	-		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	-	400	~ 291	-
HCM Lane V/C Ratio	-	-	-	1.338	1.819	-
HCM Control Delay (s)	-	-	-	196.1	$ 411.5	-
HCM Lane LOS	-	-	-	F	F	-
HCM 95th %tile Q(veh)	-	-	-	25	35.4	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

HCM 6th Signalized Intersection Summary
Life School

11. 2032 Bkgd AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	419	88	73	414	140	239	1117	81	84	351	27
Future Volume (veh/h)	39	419	88	73	414	140	239	1117	81	84	351	27
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	42	455	96	79	450	152	260	1214	0	91	382	29
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	185	644	132	211	635	207	693	2795		356	2435	183
Arrive On Green	0.04	0.15	0.15	0.05	0.17	0.17	0.09	0.55	0.00	0.05	0.51	0.51
Sat Flow, veh/h	1781	4245	872	1781	3811	1240	1781	5274	0	1781	4807	360
Grp Volume(v), veh/h	42	362	189	79	400	202	260	1214	0	91	267	144
Grp Sat Flow(s),veh/h/ln	1781	1702	1713	1781	1702	1647	1781	1702	0	1781	1689	1791
Q Serve(g_s), s	1.8	9.1	9.4	3.3	10.0	10.5	6.0	12.7	0.0	2.1	3.8	3.9
Cycle Q Clear(g_c), s	1.8	9.1	9.4	3.3	10.0	10.5	6.0	12.7	0.0	2.1	3.8	3.9
Prop In Lane	1.00		0.51	1.00		0.75	1.00		0.00	1.00		0.20
Lane Grp Cap(c), veh/h	185	516	260	211	567	274	693	2795		356	1711	907
V/C Ratio(X)	0.23	0.70	0.73	0.37	0.71	0.74	0.37	0.43		0.26	0.16	0.16
Avail Cap(c_a), veh/h	230	775	390	229	775	375	740	2795		475	1711	907
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.9	36.2	36.4	30.5	35.4	35.6	8.2	12.1	0.0	9.9	11.9	11.9
Incr Delay (d2), s/veh	0.6	1.8	3.8	1.1	1.8	4.8	0.3	0.5	0.0	0.4	0.2	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	3.8	4.1	1.4	4.1	4.4	2.0	4.4	0.0	0.8	1.3	1.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	31.5	38.0	40.2	31.6	37.2	40.5	8.5	12.6	0.0	10.3	12.1	12.3
LnGrp LOS	C	D	D	C	D	D	A	B		B	B	B
Approach Vol, veh/h		593			681			1474			502	
Approach Delay, s/veh		38.2			37.5			11.9			11.8	
Approach LOS		D			D			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.0	53.8	9.1	18.1	12.7	50.1	7.8	19.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	4.1	14.7	5.3	11.4	8.0	5.9	3.8	12.5
Green Ext Time (p_c), s	0.1	8.4	0.0	2.2	0.2	2.5	0.0	2.3

Intersection Summary	
HCM 6th Ctrl Delay	22.1
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	2	596	612	1	0	4
Future Vol, veh/h	2	596	612	1	0	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	693	712	1	0	5

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	713	0	-	0	994	357
Stage 1	-	-	-	-	713	-
Stage 2	-	-	-	-	281	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	537	-	-	-	313	546
Stage 1	-	-	-	-	361	-
Stage 2	-	-	-	-	680	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	537	-	-	-	312	546
Mov Cap-2 Maneuver	-	-	-	-	312	-
Stage 1	-	-	-	-	360	-
Stage 2	-	-	-	-	680	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	11.7
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	537	-	-	-	546
HCM Lane V/C Ratio	0.004	-	-	-	0.009
HCM Control Delay (s)	11.7	-	-	-	11.7
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0

Intersection	
Int Delay, s/veh	1.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	24	564	0	0	566	8	0	0	0	16	0	32
Future Vol, veh/h	24	564	0	0	566	8	0	0	0	16	0	32
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	15	2	2	2	2	2	2	2	2	2	2	4
Mvmt Flow	37	868	0	0	871	12	0	0	0	25	0	49

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	883	0	0	868	0	0	1290	1825	434	1298	1819	442
Stage 1	-	-	-	-	-	-	942	942	-	877	877	-
Stage 2	-	-	-	-	-	-	348	883	-	421	942	-
Critical Hdwy	5.6	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.18
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.25	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.94
Pot Cap-1 Maneuver	407	-	-	453	-	-	172	76	487	170	77	477
Stage 1	-	-	-	-	-	-	218	340	-	242	364	-
Stage 2	-	-	-	-	-	-	587	362	-	531	340	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	407	-	-	453	-	-	143	69	487	158	70	477
Mov Cap-2 Maneuver	-	-	-	-	-	-	143	69	-	158	70	-
Stage 1	-	-	-	-	-	-	198	309	-	220	364	-
Stage 2	-	-	-	-	-	-	526	362	-	483	309	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.6	0	0	22
HCM LOS			A	C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	407	-	-	453	-	-	285
HCM Lane V/C Ratio	-	-	0.091	-	-	-	-	-	0.259
HCM Control Delay (s)	0	0	14.7	-	-	0	-	-	22
HCM Lane LOS	A	A	B	-	-	A	-	-	C
HCM 95th %tile Q(veh)	-	-	0.3	-	-	0	-	-	1

HCM 6th Signalized Intersection Summary
Life School

12. 2032 Bkgd PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	69	355	344	151	479	158	102	609	31	125	997	72
Future Volume (veh/h)	69	355	344	151	479	158	102	609	31	125	997	72
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	99	507	491	216	684	226	146	870	0	179	1424	103
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	223	868	404	170	972	316	261	2219		409	2164	156
Arrive On Green	0.05	0.25	0.25	0.05	0.25	0.25	0.06	0.43	0.00	0.08	0.45	0.45
Sat Flow, veh/h	1767	3404	1585	1781	3811	1240	1781	5274	0	1781	4860	351
Grp Volume(v), veh/h	99	507	491	216	610	300	146	870	0	179	997	530
Grp Sat Flow(s),veh/h/ln	1767	1702	1585	1781	1702	1647	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	4.1	13.0	25.5	5.5	16.3	16.6	4.5	11.6	0.0	5.5	23.0	23.0
Cycle Q Clear(g_c), s	4.1	13.0	25.5	5.5	16.3	16.6	4.5	11.6	0.0	5.5	23.0	23.0
Prop In Lane	1.00		1.00	1.00		0.75	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	223	868	404	170	868	420	261	2219		409	1516	805
V/C Ratio(X)	0.44	0.58	1.21	1.27	0.70	0.71	0.56	0.39		0.44	0.66	0.66
Avail Cap(c_a), veh/h	223	868	404	170	868	420	332	2219		462	1516	805
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.9	32.6	37.3	33.7	33.8	33.9	17.9	19.3	0.0	14.3	21.8	21.8
Incr Delay (d2), s/veh	1.4	1.0	117.4	159.8	2.6	5.7	1.9	0.5	0.0	0.7	2.3	4.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	5.3	22.6	9.0	6.8	7.0	1.8	4.4	0.0	2.1	9.0	10.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.2	33.6	154.6	193.5	36.4	39.6	19.7	19.8	0.0	15.0	24.0	26.0
LnGrp LOS	C	C	F	F	D	D	B	B		B	C	C
Approach Vol, veh/h		1097			1126			1016			1706	
Approach Delay, s/veh		87.3			67.4			19.8			23.7	
Approach LOS		F			E			B			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.0	48.0	10.0	30.0	11.0	49.0	10.0	30.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	7.5	13.6	7.5	27.5	6.5	25.0	6.1	18.6
Green Ext Time (p_c), s	0.1	6.2	0.0	0.0	0.1	8.8	0.0	3.1

Intersection Summary	
HCM 6th Ctrl Delay	46.9
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	10	522	791	1	0	4
Future Vol, veh/h	10	522	791	1	0	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	13	687	1041	1	0	5

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1042	0	-	0	1343	521
Stage 1	-	-	-	-	1042	-
Stage 2	-	-	-	-	301	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	374	-	-	-	208	428
Stage 1	-	-	-	-	228	-
Stage 2	-	-	-	-	664	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	374	-	-	-	201	428
Mov Cap-2 Maneuver	-	-	-	-	201	-
Stage 1	-	-	-	-	220	-
Stage 2	-	-	-	-	664	-

Approach	EB	WB	SB
HCM Control Delay, s	0.3	0	13.5
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	374	-	-	-	428
HCM Lane V/C Ratio	0.035	-	-	-	0.012
HCM Control Delay (s)	15	-	-	-	13.5
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0.1	-	-	-	0

HCM 6th TWSC
Life School

12. 2032 Bkgd PM
202: MS Driveway & E Danieldale Rd.

Intersection	
Int Delay, s/veh	1.5

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	36	485	0	0	739	13	0	0	0	10	0	43
Future Vol, veh/h	36	485	0	0	739	13	0	0	0	10	0	43
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	3	2	2	2	2	2	2	2	2	2	2	3
Mvmt Flow	55	746	0	0	1137	20	0	0	0	15	0	66

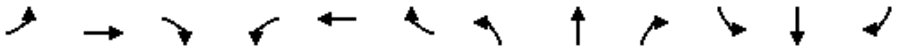
Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1157	0	0	746	0	0	1311	2013	373	1555	2003	579
Stage 1	-	-	-	-	-	-	856	856	-	1147	1147	-
Stage 2	-	-	-	-	-	-	455	1157	-	408	856	-
Critical Hdwy	5.36	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.16
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.13	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.93
Pot Cap-1 Maneuver	326	-	-	518	-	-	167	58	533	119	59	391
Stage 1	-	-	-	-	-	-	250	373	-	157	272	-
Stage 2	-	-	-	-	-	-	507	269	-	541	373	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	326	-	-	518	-	-	121	48	533	104	49	391
Mov Cap-2 Maneuver	-	-	-	-	-	-	121	48	-	104	49	-
Stage 1	-	-	-	-	-	-	208	310	-	130	272	-
Stage 2	-	-	-	-	-	-	421	269	-	450	310	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.3	0	0	25.4
HCM LOS			A	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	-	326	-	-	518	-	-	257
HCM Lane V/C Ratio	-	-	0.17	-	-	-	-	-	0.317
HCM Control Delay (s)	0	0	18.3	-	-	0	-	-	25.4
HCM Lane LOS	A	A	C	-	-	A	-	-	D
HCM 95th %tile Q(veh)	-	-	0.6	-	-	0	-	-	1.3

HCM 6th Signalized Intersection Summary
Life School

13. 2032 Bkgd + Full Site AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	475	178	344	463	239	318	1276	341	198	527	27
Future Volume (veh/h)	39	475	178	344	463	239	318	1276	341	198	527	27
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	42	516	193	374	503	260	346	1387	0	215	573	29
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	183	682	247	224	713	332	585	2379		342	2162	109
Arrive On Green	0.04	0.18	0.18	0.06	0.21	0.21	0.12	0.47	0.00	0.09	0.44	0.44
Sat Flow, veh/h	1781	3695	1339	1781	3404	1585	1781	5274	0	1781	4939	249
Grp Volume(v), veh/h	42	474	235	374	503	260	346	1387	0	215	391	211
Grp Sat Flow(s),veh/h/ln	1781	1702	1629	1781	1702	1585	1781	1702	0	1781	1689	1811
Q Serve(g_s), s	1.7	11.9	12.4	5.5	12.3	14.0	9.7	17.9	0.0	5.9	6.6	6.7
Cycle Q Clear(g_c), s	1.7	11.9	12.4	5.5	12.3	14.0	9.7	17.9	0.0	5.9	6.6	6.7
Prop In Lane	1.00		0.82	1.00		1.00	1.00		0.00	1.00		0.14
Lane Grp Cap(c), veh/h	183	628	301	224	713	332	585	2379		342	1478	793
V/C Ratio(X)	0.23	0.75	0.78	1.67	0.71	0.78	0.59	0.58		0.63	0.26	0.27
Avail Cap(c_a), veh/h	227	775	371	224	775	361	585	2379		392	1478	793
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.8	34.8	35.0	35.3	33.0	33.6	11.5	17.6	0.0	14.4	16.1	16.1
Incr Delay (d2), s/veh	0.6	3.3	8.4	321.1	2.7	10.0	1.6	1.1	0.0	2.6	0.4	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	5.0	5.4	22.1	5.1	6.0	3.6	6.6	0.0	2.3	2.5	2.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.4	38.1	43.3	356.3	35.7	43.6	13.1	18.7	0.0	17.0	16.5	16.9
LnGrp LOS	C	D	D	F	D	D	B	B		B	B	B
Approach Vol, veh/h		751			1137			1733			817	
Approach Delay, s/veh		39.3			142.9			17.6			16.8	
Approach LOS		D			F			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.5	46.4	10.0	21.1	15.0	43.9	7.8	23.4
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	7.9	19.9	7.5	14.4	11.7	8.7	3.7	16.0
Green Ext Time (p_c), s	0.1	8.3	0.0	2.2	0.0	3.8	0.0	1.9

Intersection Summary	
HCM 6th Ctrl Delay	53.2
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	2	1026	1031	1	0	4
Future Vol, veh/h	2	1026	1031	1	0	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	86	86	86	86	86	86
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	1193	1199	1	0	5

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1200	0	-	0	1681	600
Stage 1	-	-	-	-	1200	-
Stage 2	-	-	-	-	481	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	313	-	-	-	138	381
Stage 1	-	-	-	-	182	-
Stage 2	-	-	-	-	537	-
Platoon blocked, %			-	-	-	
Mov Cap-1 Maneuver	313	-	-	-	137	381
Mov Cap-2 Maneuver	-	-	-	-	137	-
Stage 1	-	-	-	-	181	-
Stage 2	-	-	-	-	537	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	14.6
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	313	-	-	-	381
HCM Lane V/C Ratio	0.007	-	-	-	0.012
HCM Control Delay (s)	16.6	-	-	-	14.6
HCM Lane LOS	C	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0

HCM 6th TWSC
Life School

13. 2032 Bkgd + Full Site AM
202: MS Driveway & E Danieldale Rd.

Intersection	
Int Delay, s/veh	4.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	34	739	245	126	760	8	214	7	109	16	7	44
Future Vol, veh/h	34	739	245	126	760	8	214	7	109	16	7	44
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	15	2	2	2	2	2	2	2	2	2	2	4
Mvmt Flow	52	1137	377	194	1169	12	329	11	168	25	11	68

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1181	0	0	1514	0	0	2102	2810	569	2127	3181	591
Stage 1	-	-	-	-	-	-	1241	1241	-	1563	1563	-
Stage 2	-	-	-	-	-	-	861	1569	-	564	1618	-
Critical Hdwy	5.6	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.18
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.25	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.94
Pot Cap-1 Maneuver	287	-	-	219	-	-	~ 55	18	399	53	~ 10	382
Stage 1	-	-	-	-	-	-	~ 135	245	-	80	171	-
Stage 2	-	-	-	-	-	-	~ 287	170	-	436	161	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	287	-	-	219	-	-	-	~ 2	399	-	~ 1	382
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	~ 2	-	-	~ 1	-
Stage 1	-	-	-	-	-	-	~ 111	201	-	66	19	-
Stage 2	-	-	-	-	-	-	~ 12	19	-	196	132	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.7	11.4		
HCM LOS			-	-

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	399	287	-	-	219	-	-	-
HCM Lane V/C Ratio	-	0.42	0.182	-	-	0.885	-	-	-
HCM Control Delay (s)	-	20.4	20.3	-	-	80.5	-	-	-
HCM Lane LOS	-	C	C	-	-	F	-	-	-
HCM 95th %tile Q(veh)	-	2	0.7	-	-	7.1	-	-	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Queuing and Blocking Report
13. 2032 Bkgd + Full Site AM

04/02/2024

Intersection: 202: MS Driveway & E Danieldale Rd.

Movement	EB	EB	WB	WB	WB	WB	NB	NB	SB
Directions Served	L	T	L	T	T	TR	LT	R	LTR
Maximum Queue (ft)	87	17	160	1353	1353	1326	458	424	212
Average Queue (ft)	13	1	100	590	512	89	409	378	146
95th Queue (ft)	47	6	215	1367	1246	506	482	570	262
Link Distance (ft)		484		1338	1338	1338	409	409	197
Upstream Blk Time (%)				11	1	0	85	82	66
Queuing Penalty (veh)				0	0	0	0	0	0
Storage Bay Dist (ft)	125		125						
Storage Blk Time (%)			0	71					
Queuing Penalty (veh)			0	89					

Intersection	
Int Delay, s/veh	654.7

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	106	423	1512	119	471	578
Future Vol, veh/h	106	423	1512	119	471	578
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	100	180	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	163	651	2326	183	725	889

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	4132	1163	0	0	2509	0
Stage 1	2326	-	-	-	-	-
Stage 2	1806	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	~ 6	~ 161	-	-	~ 68	-
Stage 1	~ 35	-	-	-	-	-
Stage 2	~ 102	-	-	-	-	-
Platoon blocked, %				-	-	
Mov Cap-1 Maneuver	0	~ 161	-	-	~ 68	-
Mov Cap-2 Maneuver	0	-	-	-	-	-
Stage 1	~ 35	-	-	-	-	-
Stage 2	0	-	-	-	-	-

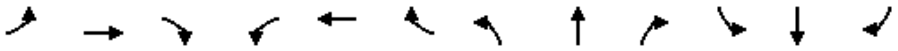
Approach	WB	NB	SB
HCM Control Delay, s		0	$ 2002.9
HCM LOS	-		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	-	161	~ 68	-
HCM Lane V/C Ratio	-	-	-	4.042	10.656	-
HCM Control Delay (s)	-	-	$ 1425.8	$ 4460.8		-
HCM Lane LOS	-	-	-	F	F	-
HCM 95th %tile Q(veh)	-	-	-	65	85.3	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

HCM 6th Signalized Intersection Summary
Life School

14. 2032 Bkgd + Full Site PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	69	393	410	351	517	233	167	740	234	203	1125	72
Future Volume (veh/h)	69	393	410	351	517	233	167	740	234	203	1125	72
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	99	561	586	501	739	333	239	1057	0	290	1607	103
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	195	868	404	170	881	393	282	2068		392	2023	130
Arrive On Green	0.05	0.25	0.25	0.05	0.25	0.25	0.10	0.40	0.00	0.10	0.41	0.41
Sat Flow, veh/h	1767	3404	1585	1781	3456	1541	1781	5274	0	1781	4904	314
Grp Volume(v), veh/h	99	561	586	501	728	344	239	1057	0	290	1115	595
Grp Sat Flow(s),veh/h/ln	1767	1702	1585	1781	1702	1593	1781	1702	0	1781	1702	1814
Q Serve(g_s), s	4.1	14.7	25.5	5.5	20.3	20.5	7.7	15.5	0.0	9.5	28.6	28.7
Cycle Q Clear(g_c), s	4.1	14.7	25.5	5.5	20.3	20.5	7.7	15.5	0.0	9.5	28.6	28.7
Prop In Lane	1.00		1.00	1.00		0.97	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	195	868	404	170	868	406	282	2068		392	1404	748
V/C Ratio(X)	0.51	0.65	1.45	2.95	0.84	0.85	0.85	0.51		0.74	0.79	0.80
Avail Cap(c_a), veh/h	195	868	404	170	868	406	295	2068		392	1404	748
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	27.8	33.2	37.3	33.7	35.3	35.4	21.5	22.3	0.0	17.0	25.7	25.7
Incr Delay (d2), s/veh	2.1	1.7	215.9	892.1	7.3	15.3	19.5	0.9	0.0	7.2	4.7	8.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	6.0	33.6	43.6	8.9	9.3	4.4	6.0	0.0	4.3	11.7	13.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.0	34.9	253.1	925.9	42.6	50.7	41.1	23.2	0.0	24.2	30.4	34.2
LnGrp LOS	C	C	F	F	D	D	D	C		C	C	C
Approach Vol, veh/h		1246			1573			1296			2000	
Approach Delay, s/veh		137.1			325.7			26.5			30.6	
Approach LOS		F			F			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.0	45.0	10.0	30.0	14.3	45.7	10.0	30.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	11.5	17.5	7.5	27.5	9.7	30.7	6.1	22.5
Green Ext Time (p_c), s	0.0	7.5	0.0	0.0	0.1	7.0	0.0	1.8

Intersection Summary	
HCM 6th Ctrl Delay	127.4
HCM 6th LOS	F

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Intersection	
Int Delay, s/veh	0.1

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	10	840	1105	1	0	4
Future Vol, veh/h	10	840	1105	1	0	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	125	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	13	1105	1454	1	0	5

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	1455	0	-	0	1923	728
Stage 1	-	-	-	-	1455	-
Stage 2	-	-	-	-	468	-
Critical Hdwy	5.34	-	-	-	5.74	7.14
Critical Hdwy Stg 1	-	-	-	-	6.64	-
Critical Hdwy Stg 2	-	-	-	-	6.04	-
Follow-up Hdwy	3.12	-	-	-	3.82	3.92
Pot Cap-1 Maneuver	235	-	-	-	103	314
Stage 1	-	-	-	-	126	-
Stage 2	-	-	-	-	545	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	235	-	-	-	97	314
Mov Cap-2 Maneuver	-	-	-	-	97	-
Stage 1	-	-	-	-	119	-
Stage 2	-	-	-	-	545	-

Approach	EB	WB	SB
HCM Control Delay, s	0.2	0	16.7
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	235	-	-	-	314
HCM Lane V/C Ratio	0.056	-	-	-	0.017
HCM Control Delay (s)	21.2	-	-	-	16.7
HCM Lane LOS	C	-	-	-	C
HCM 95th %tile Q(veh)	0.2	-	-	-	0.1

Intersection	
Int Delay, s/veh	100.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	45	629	166	85	880	13	163	5	83	10	5	52
Future Vol, veh/h	45	629	166	85	880	13	163	5	83	10	5	52
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	125	-	125	125	-	-	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	65	65	65	65	65	65	65	65	65	65	65	65
Heavy Vehicles, %	3	2	2	2	2	2	2	2	2	2	2	3
Mvmt Flow	69	968	255	131	1354	20	251	8	128	15	8	80

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1374	0	0	1223	0	0	1914	2742	484	2155	2987	687
Stage 1	-	-	-	-	-	-	1106	1106	-	1626	1626	-
Stage 2	-	-	-	-	-	-	808	1636	-	529	1361	-
Critical Hdwy	5.36	-	-	5.34	-	-	6.44	6.54	7.14	6.44	6.54	7.16
Critical Hdwy Stg 1	-	-	-	-	-	-	7.34	5.54	-	7.34	5.54	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.74	5.54	-	6.74	5.54	-
Follow-up Hdwy	3.13	-	-	3.12	-	-	3.82	4.02	3.92	3.82	4.02	3.93
Pot Cap-1 Maneuver	255	-	-	305	-	-	~ 72	20	452	51	14	332
Stage 1	-	-	-	-	-	-	~ 168	284	-	72	159	-
Stage 2	-	-	-	-	-	-	309	157	-	457	215	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	255	-	-	305	-	-	-	8	452	~ 3	~ 6	332
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	8	-	~ 3	~ 6	-
Stage 1	-	-	-	-	-	-	~ 122	207	-	52	91	-
Stage 2	-	-	-	-	-	-	~ 122	89	-	230	157	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	1.3	2.2		$ 3143.4
HCM LOS			-	F

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	-	452	255	-	-	305	-	-	15
HCM Lane V/C Ratio	-	0.283	0.271	-	-	0.429	-	-	6.872
HCM Control Delay (s)	-	16.1	24.3	-	-	25.4	-	-	$ 3143.4
HCM Lane LOS	-	C	C	-	-	D	-	-	F
HCM 95th %tile Q(veh)	-	1.1	1.1	-	-	2.1	-	-	13.8

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Queuing and Blocking Report
14. 2032 Bkgd + Full Site PM

04/02/2024

Intersection: 202: MS Driveway & E Danieldale Rd.

Movement	EB	WB	WB	WB	WB	NB	NB	SB
Directions Served	L	L	T	T	TR	LT	R	LTR
Maximum Queue (ft)	49	160	1377	1353	1332	424	424	212
Average Queue (ft)	17	94	902	859	377	389	327	166
95th Queue (ft)	44	218	1793	1744	1123	470	593	259
Link Distance (ft)			1338	1338	1338	409	409	197
Upstream Blk Time (%)			31	5	0	75	74	77
Queuing Penalty (veh)			0	0	0	0	0	0
Storage Bay Dist (ft)	125	125						
Storage Blk Time (%)		0	78					
Queuing Penalty (veh)		0	66					

Intersection	
Int Delay, s/veh	53.7

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	87	348	793	87	344	1542
Future Vol, veh/h	87	348	793	87	344	1542
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	0	-	100	180	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	65	65	65	65	65	65
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	134	535	1220	134	529	2372

Major/Minor	Minor1		Major1		Major2	
Conflicting Flow All	3227	610	0	0	1354	0
Stage 1	1220	-	-	-	-	-
Stage 2	2007	-	-	-	-	-
Critical Hdwy	5.74	7.14	-	-	5.34	-
Critical Hdwy Stg 1	6.64	-	-	-	-	-
Critical Hdwy Stg 2	6.04	-	-	-	-	-
Follow-up Hdwy	3.82	3.92	-	-	3.12	-
Pot Cap-1 Maneuver	~ 19	~ 375	-	-	~ 263	-
Stage 1	177	-	-	-	-	-
Stage 2	~ 79	-	-	-	-	-
Platoon blocked, %			-	-		-
Mov Cap-1 Maneuver	0	~ 375	-	-	~ 263	-
Mov Cap-2 Maneuver	0	-	-	-	-	-
Stage 1	177	-	-	-	-	-
Stage 2	0	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s		0	91.2
HCM LOS	-		

Minor Lane/Major Mvmt	NBT	NBR	WBLn1	WBLn2	SBL	SBT
Capacity (veh/h)	-	-	-	375	~ 263	-
HCM Lane V/C Ratio	-	-	-	1.428	2.012	-
HCM Control Delay (s)	-	-	-	235	$ 500	-
HCM Lane LOS	-	-	-	F	F	-
HCM 95th %tile Q(veh)	-	-	-	27.4	38.4	-

Notes			
~: Volume exceeds capacity	$: Delay exceeds 300s	+: Computation Not Defined	*: All major volume in platoon

Appendix E.2
Synchro Analysis Results

Site Driveway Mitigation Scenarios:

5. 2026 Bkgd + HS AM
6. 2026 Bkgd + HS PM
7. 2028 Bkgd + HS AM
8. 2028 Bkgd + HS PM
9. 2028 Bkgd + Full Site AM
10. 2028 Bkgd + Full Site PM
13. 2032 Bkgd + Full Site AM
14. 2032 Bkgd + Full Site PM

HCM 6th Signalized Intersection Summary
Life School - Mitigation School Driveways

05. 2026 Bkgd + HS AM
203: S Cockrell Hill Rd. & HS Driveway

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	106	423	1277	119	471	455
Future Volume (veh/h)	106	423	1277	119	471	455
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	163	651	1965	183	725	700
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	188	652	2241	696	644	4056
Arrive On Green	0.11	0.11	0.44	0.44	0.31	0.79
Sat Flow, veh/h	1781	1585	5274	1585	1781	5274
Grp Volume(v), veh/h	163	651	1965	183	725	700
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	1781	1702
Q Serve(g_s), s	8.1	9.5	31.6	6.6	27.5	2.9
Cycle Q Clear(g_c), s	8.1	9.5	31.6	6.6	27.5	2.9
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	188	652	2241	696	644	4056
V/C Ratio(X)	0.87	1.00	0.88	0.26	1.13	0.17
Avail Cap(c_a), veh/h	188	652	2241	696	644	4056
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.80	0.80
Uniform Delay (d), s/veh	39.6	26.5	23.0	16.0	25.8	2.2
Incr Delay (d2), s/veh	32.1	35.0	5.2	0.9	72.4	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.2	19.4	12.4	2.4	24.5	0.5
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	71.7	61.5	28.3	16.9	98.1	2.3
LnGrp LOS	E	E	C	B	F	A
Approach Vol, veh/h	814		2148			1425
Approach Delay, s/veh	63.5		27.3			51.0
Approach LOS	E		C			D

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	32.0	44.0			76.0	14.0
Change Period (Y+Rc), s	4.5	4.5			4.5	4.5
Max Green Setting (Gmax), s	27.5	39.5			71.5	9.5
Max Q Clear Time (g_c+I1), s	29.5	33.6			4.9	11.5
Green Ext Time (p_c), s	0.0	5.1			5.3	0.0

Intersection Summary	
HCM 6th Ctrl Delay	41.7
HCM 6th LOS	D

Notes

User approved pedestrian interval to be less than phase max green.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Schoool Driveways

06. 2026 Bkgd + HS PM
203: S Cockrell Hill Rd. & HS Driveway

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	87	348	659	87	344	1324
Future Volume (veh/h)	87	348	659	87	344	1324
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	134	535	1014	134	529	2037
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	322	547	2653	824	588	3722
Arrive On Green	0.18	0.18	0.52	0.52	0.05	0.24
Sat Flow, veh/h	1781	1585	5274	1585	1781	5274
Grp Volume(v), veh/h	134	535	1014	134	529	2037
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	1781	1702
Q Serve(g_s), s	6.7	18.1	11.9	4.4	12.8	34.9
Cycle Q Clear(g_c), s	6.7	18.1	11.9	4.4	12.8	34.9
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	322	547	2653	824	588	3722
V/C Ratio(X)	0.42	0.98	0.38	0.16	0.90	0.55
Avail Cap(c_a), veh/h	322	547	2653	824	927	3722
HCM Platoon Ratio	1.00	1.00	1.00	1.00	0.33	0.33
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.09	0.09
Uniform Delay (d), s/veh	36.3	32.3	14.4	12.6	17.1	23.5
Incr Delay (d2), s/veh	0.9	32.6	0.4	0.4	0.8	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.0	17.3	4.3	1.6	7.1	15.6
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	37.1	64.9	14.8	13.0	17.9	23.6
LnGrp LOS	D	E	B	B	B	C
Approach Vol, veh/h	669		1148			2566
Approach Delay, s/veh	59.3		14.6			22.4
Approach LOS	E		B			C

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	20.9	56.5			77.4	22.6
Change Period (Y+Rc), s	4.5	4.5			4.5	4.5
Max Green Setting (Gmax), s	35.5	32.9			72.9	18.1
Max Q Clear Time (g_c+I1), s	14.8	13.9			36.9	20.1
Green Ext Time (p_c), s	1.6	7.1			21.4	0.0

Intersection Summary	
HCM 6th Ctrl Delay	26.0
HCM 6th LOS	C

HCM 6th Signalized Intersection Summary
Life School - Mitigation School Driveways

07. 2028 Bkgd + HS AM
203: S Cockrell Hill Rd. & HS Driveway

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	106	423	1328	119	471	474
Future Volume (veh/h)	106	423	1328	119	471	474
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	163	651	2043	183	725	729
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	188	652	2241	696	638	4056
Arrive On Green	0.11	0.11	0.44	0.44	0.31	0.79
Sat Flow, veh/h	1781	1585	5274	1585	1781	5274
Grp Volume(v), veh/h	163	651	2043	183	725	729
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	1781	1702
Q Serve(g_s), s	8.1	9.5	33.7	6.6	27.5	3.1
Cycle Q Clear(g_c), s	8.1	9.5	33.7	6.6	27.5	3.1
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	188	652	2241	696	638	4056
V/C Ratio(X)	0.87	1.00	0.91	0.26	1.14	0.18
Avail Cap(c_a), veh/h	188	652	2241	696	638	4056
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.77	0.77
Uniform Delay (d), s/veh	39.6	26.5	23.6	16.0	26.1	2.2
Incr Delay (d2), s/veh	32.1	35.0	7.0	0.9	76.2	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.2	19.4	13.6	2.4	25.0	0.5
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	71.7	61.5	30.7	16.9	102.4	2.3
LnGrp LOS	E	E	C	B	F	A
Approach Vol, veh/h	814		2226			1454
Approach Delay, s/veh	63.5		29.5			52.2
Approach LOS	E		C			D

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	32.0	44.0			76.0	14.0
Change Period (Y+Rc), s	4.5	4.5			4.5	4.5
Max Green Setting (Gmax), s	27.5	39.5			71.5	9.5
Max Q Clear Time (g_c+I1), s	29.5	35.7			5.1	11.5
Green Ext Time (p_c), s	0.0	3.4			5.5	0.0

Intersection Summary	
HCM 6th Ctrl Delay	43.0
HCM 6th LOS	D

Notes

User approved pedestrian interval to be less than phase max green.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Schoool Driveways

08. 2028 Bkgd + HS PM
203: S Cockrell Hill Rd. & HS Driveway

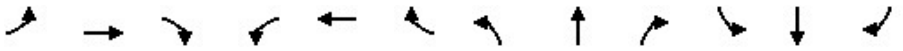
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	87	348	686	87	344	1378
Future Volume (veh/h)	87	348	686	87	344	1378
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	134	535	1055	134	529	2120
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	322	555	2630	816	581	3722
Arrive On Green	0.18	0.18	0.52	0.52	0.11	0.49
Sat Flow, veh/h	1781	1585	5274	1585	1781	5274
Grp Volume(v), veh/h	134	535	1055	134	529	2120
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	1781	1702
Q Serve(g_s), s	6.7	18.1	12.6	4.5	13.3	29.4
Cycle Q Clear(g_c), s	6.7	18.1	12.6	4.5	13.3	29.4
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	322	555	2630	816	581	3722
V/C Ratio(X)	0.42	0.96	0.40	0.16	0.91	0.57
Avail Cap(c_a), veh/h	322	555	2630	816	912	3722
HCM Platoon Ratio	1.00	1.00	1.00	1.00	0.67	0.67
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.09	0.09
Uniform Delay (d), s/veh	36.3	31.9	14.8	12.8	15.9	14.5
Incr Delay (d2), s/veh	0.9	29.4	0.5	0.4	0.9	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.0	16.8	4.6	1.6	6.7	11.7
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	37.1	61.2	15.3	13.3	16.9	14.5
LnGrp LOS	D	E	B	B	B	B
Approach Vol, veh/h	669		1189			2649
Approach Delay, s/veh	56.4		15.1			15.0
Approach LOS	E		B			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	21.4	56.0			77.4	22.6
Change Period (Y+Rc), s	4.5	4.5			4.5	4.5
Max Green Setting (Gmax), s	35.5	32.9			72.9	18.1
Max Q Clear Time (g_c+I1), s	15.3	14.6			31.4	20.1
Green Ext Time (p_c), s	1.6	7.2			24.5	0.0

Intersection Summary	
HCM 6th Ctrl Delay	21.2
HCM 6th LOS	C

HCM 6th Signalized Intersection Summary
Life School - Mitigation School Driveways

09. 2028 Bkgd + Full Site AM
202: MS Driveway & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	33	696	245	126	717	8	214	7	109	14	7	42
Future Volume (veh/h)	33	696	245	126	717	8	214	7	109	14	7	42
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1678	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1841
Adj Flow Rate, veh/h	51	1071	377	194	1103	12	329	11	168	22	11	65
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	15	2	2	2	2	2	2	2	2	2	2	4
Cap, veh/h	294	2979	925	387	3038	33	506	14	502	143	89	360
Arrive On Green	1.00	1.00	1.00	0.58	0.58	0.58	0.32	0.32	0.32	0.32	0.32	0.32
Sat Flow, veh/h	453	5106	1585	527	5208	57	1350	45	1585	297	281	1138
Grp Volume(v), veh/h	51	1071	377	194	721	394	340	0	168	98	0	0
Grp Sat Flow(s),veh/h/ln	453	1702	1585	527	1702	1860	1395	0	1585	1716	0	0
Q Serve(g_s), s	2.4	0.0	0.0	21.9	10.1	10.1	15.5	0.0	7.3	0.0	0.0	0.0
Cycle Q Clear(g_c), s	12.5	0.0	0.0	21.9	10.1	10.1	19.3	0.0	7.3	3.8	0.0	0.0
Prop In Lane	1.00		1.00	1.00		0.03	0.97		1.00	0.22		0.66
Lane Grp Cap(c), veh/h	294	2979	925	387	1986	1085	520	0	502	592	0	0
V/C Ratio(X)	0.17	0.36	0.41	0.50	0.36	0.36	0.65	0.00	0.33	0.17	0.00	0.00
Avail Cap(c_a), veh/h	294	2979	925	387	1986	1085	520	0	502	592	0	0
HCM Platoon Ratio	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	1.2	0.0	0.0	12.4	9.9	9.9	27.2	0.0	23.5	22.3	0.0	0.0
Incr Delay (d2), s/veh	1.3	0.3	1.3	4.6	0.5	0.9	6.3	0.0	1.8	0.6	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.1	0.1	0.3	2.7	3.4	3.8	7.2	0.0	2.9	1.6	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	2.5	0.3	1.3	16.9	10.4	10.9	33.5	0.0	25.3	22.9	0.0	0.0
LnGrp LOS	A	A	A	B	B	B	C	A	C	C	A	A
Approach Vol, veh/h		1499			1309			508			98	
Approach Delay, s/veh		0.7			11.5			30.8			22.9	
Approach LOS		A			B			C			C	

Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		57.0		33.0		57.0		33.0				
Change Period (Y+Rc), s		4.5		4.5		4.5		4.5				
Max Green Setting (Gmax), s		52.5		28.5		52.5		28.5				
Max Q Clear Time (g_c+I1), s		14.5		5.8		23.9		21.3				
Green Ext Time (p_c), s		12.1		0.5		11.1		1.6				

Intersection Summary												
HCM 6th Ctrl Delay			9.9									
HCM 6th LOS			A									

HCM 6th Signalized Intersection Summary
Life School - Mitigation School Driveways

09. 2028 Bkgd + Full Site AM
203: S Cockrell Hill Rd. & HS Driveway

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	106	423	1403	119	471	539
Future Volume (veh/h)	106	423	1403	119	471	539
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	163	651	2158	183	725	829
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	188	652	2241	696	629	4056
Arrive On Green	0.11	0.11	0.44	0.44	0.20	0.53
Sat Flow, veh/h	1781	1585	5274	1585	1781	5274
Grp Volume(v), veh/h	163	651	2158	183	725	829
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	1781	1702
Q Serve(g_s), s	8.1	9.5	37.0	6.6	27.5	7.7
Cycle Q Clear(g_c), s	8.1	9.5	37.0	6.6	27.5	7.7
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	188	652	2241	696	629	4056
V/C Ratio(X)	0.87	1.00	0.96	0.26	1.15	0.20
Avail Cap(c_a), veh/h	188	652	2241	696	629	4056
HCM Platoon Ratio	1.00	1.00	1.00	1.00	0.67	0.67
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.43	0.43
Uniform Delay (d), s/veh	39.6	26.5	24.5	16.0	31.1	6.1
Incr Delay (d2), s/veh	32.1	35.0	12.1	0.9	76.6	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.2	19.4	15.8	2.4	26.6	1.8
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	71.7	61.5	36.6	16.9	107.7	6.2
LnGrp LOS	E	E	D	B	F	A
Approach Vol, veh/h	814		2341			1554
Approach Delay, s/veh	63.5		35.1			53.5
Approach LOS	E		D			D

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	32.0	44.0			76.0	14.0
Change Period (Y+Rc), s	4.5	4.5			4.5	4.5
Max Green Setting (Gmax), s	27.5	39.5			71.5	9.5
Max Q Clear Time (g_c+I1), s	29.5	39.0			9.7	11.5
Green Ext Time (p_c), s	0.0	0.5			6.5	0.0

Intersection Summary	
HCM 6th Ctrl Delay	46.1
HCM 6th LOS	D

Notes

User approved pedestrian interval to be less than phase max green.

HCM 6th Signalized Intersection Summary
Life School - Mitigation School Driveways

10. 2028 Bkgd + Full Site PM
202: MS Driveway & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	42	592	166	85	824	12	163	5	83	9	5	48
Future Volume (veh/h)	42	592	166	85	824	12	163	5	83	9	5	48
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856
Adj Flow Rate, veh/h	65	911	255	131	1268	18	251	8	128	14	8	74
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	3
Cap, veh/h	242	2783	864	311	2827	40	556	15	579	101	76	455
Arrive On Green	0.18	0.18	0.18	0.55	0.55	0.55	0.37	0.37	0.37	0.37	0.37	0.37
Sat Flow, veh/h	426	5106	1585	613	5188	74	1329	42	1585	163	207	1247
Grp Volume(v), veh/h	65	911	255	131	832	454	259	0	128	96	0	0
Grp Sat Flow(s),veh/h/ln	426	1702	1585	613	1702	1857	1371	0	1585	1618	0	0
Q Serve(g_s), s	14.0	15.5	13.9	16.6	14.7	14.7	10.0	0.0	5.6	0.0	0.0	0.0
Cycle Q Clear(g_c), s	28.7	15.5	13.9	32.2	14.7	14.7	13.9	0.0	5.6	3.9	0.0	0.0
Prop In Lane	1.00		1.00	1.00		0.04	0.97		1.00	0.15		0.77
Lane Grp Cap(c), veh/h	242	2783	864	311	1855	1012	571	0	579	632	0	0
V/C Ratio(X)	0.27	0.33	0.30	0.42	0.45	0.45	0.45	0.00	0.22	0.15	0.00	0.00
Avail Cap(c_a), veh/h	242	2783	864	311	1855	1012	571	0	579	632	0	0
HCM Platoon Ratio	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	37.2	25.0	24.4	23.7	13.7	13.7	24.3	0.0	21.9	21.4	0.0	0.0
Incr Delay (d2), s/veh	2.7	0.3	0.9	4.2	0.8	1.4	2.6	0.0	0.9	0.5	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	7.1	6.0	2.6	5.3	6.0	5.0	0.0	2.2	1.6	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	39.9	25.3	25.2	27.9	14.5	15.1	26.9	0.0	22.8	21.9	0.0	0.0
LnGrp LOS	D	C	C	C	B	B	C	A	C	C	A	A
Approach Vol, veh/h		1231			1417			387			96	
Approach Delay, s/veh		26.1			15.9			25.5			21.9	
Approach LOS		C			B			C			C	

Timer - Assigned Phs	2	4	6	8
Phs Duration (G+Y+Rc), s	59.0	41.0	59.0	41.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	54.5	36.5	54.5	36.5
Max Q Clear Time (g_c+I1), s	30.7	5.9	34.2	15.9
Green Ext Time (p_c), s	8.6	0.5	9.7	2.0

Intersection Summary	
HCM 6th Ctrl Delay	21.3
HCM 6th LOS	C

HCM 6th Signalized Intersection Summary
Life School - Mitigation School Driveways

10. 2028 Bkgd + Full Site PM
203: S Cockrell Hill Rd. & HS Driveway

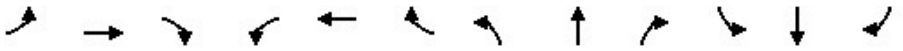
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	87	348	736	87	344	1428
Future Volume (veh/h)	87	348	736	87	344	1428
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	134	535	1132	134	529	2197
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	322	583	2540	789	580	3722
Arrive On Green	0.18	0.18	0.50	0.50	0.12	0.49
Sat Flow, veh/h	1781	1585	5274	1585	1781	5274
Grp Volume(v), veh/h	134	535	1132	134	529	2197
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	1781	1702
Q Serve(g_s), s	6.7	18.1	14.3	4.6	15.0	30.9
Cycle Q Clear(g_c), s	6.7	18.1	14.3	4.6	15.0	30.9
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	322	583	2540	789	580	3722
V/C Ratio(X)	0.42	0.92	0.45	0.17	0.91	0.59
Avail Cap(c_a), veh/h	322	583	2540	789	881	3722
HCM Platoon Ratio	1.00	1.00	1.00	1.00	0.67	0.67
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.09	0.09
Uniform Delay (d), s/veh	36.3	30.2	16.2	13.8	18.9	14.8
Incr Delay (d2), s/veh	0.9	19.7	0.6	0.5	1.0	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.0	15.0	5.3	1.7	6.5	12.3
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	37.1	49.9	16.8	14.3	19.9	14.9
LnGrp LOS	D	D	B	B	B	B
Approach Vol, veh/h	669		1266			2726
Approach Delay, s/veh	47.4		16.5			15.9
Approach LOS	D		B			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	23.2	54.2			77.4	22.6
Change Period (Y+Rc), s	4.5	4.5			4.5	4.5
Max Green Setting (Gmax), s	35.5	32.9			72.9	18.1
Max Q Clear Time (g_c+I1), s	17.0	16.3			32.9	20.1
Green Ext Time (p_c), s	1.6	7.4			25.2	0.0

Intersection Summary	
HCM 6th Ctrl Delay	20.6
HCM 6th LOS	C

HCM 6th Signalized Intersection Summary
Life School - Mitigation School Driveways

13. 2032 Bkgd + Full Site AM
202: MS Driveway & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	34	739	245	126	760	8	214	7	109	16	7	44
Future Volume (veh/h)	34	739	245	126	760	8	214	7	109	16	7	44
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1678	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1841
Adj Flow Rate, veh/h	52	1137	377	194	1169	12	329	11	168	25	11	68
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	15	2	2	2	2	2	2	2	2	2	2	4
Cap, veh/h	277	2979	925	369	3040	31	503	14	502	153	85	356
Arrive On Green	1.00	1.00	1.00	0.58	0.58	0.58	0.32	0.32	0.32	0.32	0.32	0.32
Sat Flow, veh/h	426	5106	1585	495	5211	53	1338	45	1585	326	269	1125
Grp Volume(v), veh/h	52	1137	377	194	764	417	340	0	168	104	0	0
Grp Sat Flow(s),veh/h/ln	426	1702	1585	495	1702	1861	1383	0	1585	1721	0	0
Q Serve(g_s), s	2.9	0.0	0.0	24.2	10.8	10.8	15.5	0.0	7.3	0.0	0.0	0.0
Cycle Q Clear(g_c), s	13.7	0.0	0.0	24.2	10.8	10.8	19.6	0.0	7.3	4.1	0.0	0.0
Prop In Lane	1.00		1.00	1.00		0.03	0.97		1.00	0.24		0.65
Lane Grp Cap(c), veh/h	277	2979	925	369	1986	1085	517	0	502	595	0	0
V/C Ratio(X)	0.19	0.38	0.41	0.53	0.38	0.38	0.66	0.00	0.33	0.17	0.00	0.00
Avail Cap(c_a), veh/h	277	2979	925	369	1986	1085	517	0	502	595	0	0
HCM Platoon Ratio	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	1.4	0.0	0.0	12.8	10.1	10.1	27.3	0.0	23.5	22.4	0.0	0.0
Incr Delay (d2), s/veh	1.5	0.4	1.3	5.3	0.6	1.0	6.4	0.0	1.8	0.6	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.1	0.1	0.3	2.8	3.6	4.1	7.3	0.0	2.9	1.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	2.9	0.4	1.3	18.1	10.6	11.1	33.8	0.0	25.3	23.0	0.0	0.0
LnGrp LOS	A	A	A	B	B	B	C	A	C	C	A	A
Approach Vol, veh/h		1566			1375			508			104	
Approach Delay, s/veh		0.7			11.8			31.0			23.0	
Approach LOS		A			B			C			C	

Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		57.0		33.0		57.0		33.0				
Change Period (Y+Rc), s		4.5		4.5		4.5		4.5				
Max Green Setting (Gmax), s		52.5		28.5		52.5		28.5				
Max Q Clear Time (g_c+I1), s		15.7		6.1		26.2		21.6				
Green Ext Time (p_c), s		12.9		0.5		11.6		1.6				

Intersection Summary												
HCM 6th Ctrl Delay			10.0									
HCM 6th LOS			A									

HCM 6th Signalized Intersection Summary
Life School - Mitigation School Driveways

13. 2032 Bkgd + Full Site AM
203: S Cockrell Hill Rd. & HS Driveway

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	106	423	1512	119	471	578
Future Volume (veh/h)	106	423	1512	119	471	578
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	163	651	2326	183	725	889
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	188	652	2241	696	624	4056
Arrive On Green	0.11	0.11	0.44	0.44	0.20	0.53
Sat Flow, veh/h	1781	1585	5274	1585	1781	5274
Grp Volume(v), veh/h	163	651	2326	183	725	889
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	1781	1702
Q Serve(g_s), s	8.1	9.5	39.5	6.6	27.5	8.3
Cycle Q Clear(g_c), s	8.1	9.5	39.5	6.6	27.5	8.3
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	188	652	2241	696	624	4056
V/C Ratio(X)	0.87	1.00	1.04	0.26	1.16	0.22
Avail Cap(c_a), veh/h	188	652	2241	696	624	4056
HCM Platoon Ratio	1.00	1.00	1.00	1.00	0.67	0.67
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.34	0.34
Uniform Delay (d), s/veh	39.6	26.5	25.3	16.0	31.3	6.3
Incr Delay (d2), s/veh	32.1	35.0	29.7	0.9	79.1	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	5.2	19.4	20.4	2.4	26.9	2.0
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	71.7	61.5	54.9	16.9	110.4	6.3
LnGrp LOS	E	E	F	B	F	A
Approach Vol, veh/h	814		2509			1614
Approach Delay, s/veh	63.5		52.2			53.1
Approach LOS	E		D			D

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	32.0	44.0			76.0	14.0
Change Period (Y+Rc), s	4.5	4.5			4.5	4.5
Max Green Setting (Gmax), s	27.5	39.5			71.5	9.5
Max Q Clear Time (g_c+I1), s	29.5	41.5			10.3	11.5
Green Ext Time (p_c), s	0.0	0.0			7.1	0.0

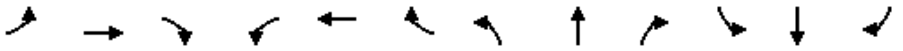
Intersection Summary	
HCM 6th Ctrl Delay	54.3
HCM 6th LOS	D

Notes

User approved pedestrian interval to be less than phase max green.

HCM 6th Signalized Intersection Summary
Life School - Mitigation School Driveways

14. 2032 Bkgd + Full Site PM
202: MS Driveway & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	45	629	166	85	880	13	163	5	83	10	5	52
Future Volume (veh/h)	45	629	166	85	880	13	163	5	83	10	5	52
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856
Adj Flow Rate, veh/h	69	968	255	131	1354	20	251	8	128	15	8	80
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	3
Cap, veh/h	222	2783	864	292	2825	42	550	15	579	101	72	459
Arrive On Green	0.18	0.18	0.18	0.55	0.55	0.55	0.37	0.37	0.37	0.37	0.37	0.37
Sat Flow, veh/h	392	5106	1585	581	5184	77	1313	42	1585	163	198	1258
Grp Volume(v), veh/h	69	968	255	131	889	485	259	0	128	103	0	0
Grp Sat Flow(s),veh/h/ln	392	1702	1585	581	1702	1857	1355	0	1585	1620	0	0
Q Serve(g_s), s	16.3	16.6	13.9	18.1	16.1	16.1	10.1	0.0	5.6	0.0	0.0	0.0
Cycle Q Clear(g_c), s	32.4	16.6	13.9	34.7	16.1	16.1	14.3	0.0	5.6	4.3	0.0	0.0
Prop In Lane	1.00		1.00	1.00		0.04	0.97		1.00	0.15		0.78
Lane Grp Cap(c), veh/h	222	2783	864	292	1855	1012	566	0	579	633	0	0
V/C Ratio(X)	0.31	0.35	0.30	0.45	0.48	0.48	0.46	0.00	0.22	0.16	0.00	0.00
Avail Cap(c_a), veh/h	222	2783	864	292	1855	1012	566	0	579	633	0	0
HCM Platoon Ratio	0.33	0.33	0.33	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	0.00
Uniform Delay (d), s/veh	39.4	25.5	24.4	24.9	14.0	14.0	24.5	0.0	21.9	21.5	0.0	0.0
Incr Delay (d2), s/veh	3.6	0.3	0.9	4.9	0.9	1.6	2.7	0.0	0.9	0.6	0.0	0.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.9	7.5	6.0	2.7	5.8	6.5	5.1	0.0	2.2	1.7	0.0	0.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	43.0	25.8	25.2	29.8	14.9	15.6	27.1	0.0	22.8	22.1	0.0	0.0
LnGrp LOS	D	C	C	C	B	B	C	A	C	C	A	A
Approach Vol, veh/h		1292			1505			387			103	
Approach Delay, s/veh		26.6			16.4			25.7			22.1	
Approach LOS		C			B			C			C	

Timer - Assigned Phs	2	4	6	8
Phs Duration (G+Y+Rc), s	59.0	41.0	59.0	41.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	54.5	36.5	54.5	36.5
Max Q Clear Time (g_c+I1), s	34.4	6.3	36.7	16.3
Green Ext Time (p_c), s	8.6	0.6	9.7	2.0

Intersection Summary	
HCM 6th Ctrl Delay	21.7
HCM 6th LOS	C

HCM 6th Signalized Intersection Summary
Life School - Mitigation School Driveways

14. 2032 Bkgd + Full Site PM
203: S Cockrell Hill Rd. & HS Driveway

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (veh/h)	87	348	793	87	344	1542
Future Volume (veh/h)	87	348	793	87	344	1542
Initial Q (Qb), veh	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00	1.00		1.00	1.00	
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach	No		No			No
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	134	535	1220	134	529	2372
Peak Hour Factor	0.65	0.65	0.65	0.65	0.65	0.65
Percent Heavy Veh, %	2	2	2	2	2	2
Cap, veh/h	322	610	2453	761	580	3722
Arrive On Green	0.18	0.18	0.48	0.48	0.14	0.49
Sat Flow, veh/h	1781	1585	5274	1585	1781	5274
Grp Volume(v), veh/h	134	535	1220	134	529	2372
Grp Sat Flow(s),veh/h/ln	1781	1585	1702	1585	1781	1702
Q Serve(g_s), s	6.7	18.1	16.3	4.8	16.8	34.5
Cycle Q Clear(g_c), s	6.7	18.1	16.3	4.8	16.8	34.5
Prop In Lane	1.00	1.00		1.00	1.00	
Lane Grp Cap(c), veh/h	322	610	2453	761	580	3722
V/C Ratio(X)	0.42	0.88	0.50	0.18	0.91	0.64
Avail Cap(c_a), veh/h	322	610	2453	761	849	3722
HCM Platoon Ratio	1.00	1.00	1.00	1.00	0.67	0.67
Upstream Filter(I)	1.00	1.00	1.00	1.00	0.09	0.09
Uniform Delay (d), s/veh	36.3	28.6	17.7	14.8	21.7	15.8
Incr Delay (d2), s/veh	0.9	13.7	0.7	0.5	1.2	0.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	3.0	13.8	6.1	1.7	13.1	13.8
Unsig. Movement Delay, s/veh						
LnGrp Delay(d),s/veh	37.1	42.3	18.5	15.3	22.8	15.8
LnGrp LOS	D	D	B	B	C	B
Approach Vol, veh/h	669		1354			2901
Approach Delay, s/veh	41.2		18.1			17.1
Approach LOS	D		B			B

Timer - Assigned Phs	1	2			6	8
Phs Duration (G+Y+Rc), s	24.9	52.5			77.4	22.6
Change Period (Y+Rc), s	4.5	4.5			4.5	4.5
Max Green Setting (Gmax), s	20.5	32.9			72.9	18.1
Max Q Clear Time (g_c+I1), s	18.8	18.3			36.5	20.1
Green Ext Time (p_c), s	1.6	7.4			26.0	0.0

Intersection Summary	
HCM 6th Ctrl Delay	20.7
HCM 6th LOS	C

Queues
Life School - Mitigation School Driveways

05. 2026 Bkgd + HS AM
203: S Cockrell Hill Rd. & HS Driveway

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	163	651	1965	183	725	700
v/c Ratio	0.88	0.89	0.88	0.25	1.16	0.17
Control Delay	82.0	39.0	29.0	9.0	113.0	1.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	82.0	39.0	29.0	9.0	113.0	1.6
Queue Length 50th (ft)	93	325	363	30	~429	17
Queue Length 95th (ft)	#118	281	258	40	m#347	m15
Internal Link Dist (ft)	472		208			1627
Turn Bay Length (ft)				100	180	
Base Capacity (vph)	186	731	2231	745	623	4039
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.88	0.89	0.88	0.25	1.16	0.17

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Queues
Life School - Mitigation School Driveways

06. 2026 Bkgd + HS PM
203: S Cockrell Hill Rd. & HS Driveway

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	134	535	1014	134	529	2037
v/c Ratio	0.59	0.73	0.44	0.17	0.78	0.51
Control Delay	51.3	26.8	21.2	8.1	16.7	10.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	51.3	26.8	21.2	8.1	16.7	10.2
Queue Length 50th (ft)	82	263	156	13	203	276
Queue Length 95th (ft)	94	174	161	28	m179	m210
Internal Link Dist (ft)	472		208			1627
Turn Bay Length (ft)				100	180	
Base Capacity (vph)	320	844	2307	771	783	3976
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.42	0.63	0.44	0.17	0.68	0.51

Intersection Summary

m Volume for 95th percentile queue is metered by upstream signal.

Queues
Life School - Mitigation School Driveways

07. 2028 Bkgd + HS AM
203: S Cockrell Hill Rd. & HS Driveway

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	163	651	2043	183	725	729
v/c Ratio	0.88	0.89	0.92	0.25	1.16	0.18
Control Delay	82.0	39.0	31.6	9.3	112.9	1.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	82.0	39.0	31.6	9.3	112.9	1.6
Queue Length 50th (ft)	93	325	386	32	~429	17
Queue Length 95th (ft)	#118	281	272	42	m#321	m15
Internal Link Dist (ft)	472		208			1627
Turn Bay Length (ft)				100	180	
Base Capacity (vph)	186	731	2231	743	623	4039
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.88	0.89	0.92	0.25	1.16	0.18

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Queues
Life School - Mitigation School Driveways

08. 2028 Bkgd + HS PM
203: S Cockrell Hill Rd. & HS Driveway

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	134	535	1055	134	529	2120
v/c Ratio	0.59	0.73	0.46	0.18	0.79	0.53
Control Delay	51.3	26.7	21.6	8.7	16.3	10.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	51.3	26.7	21.6	8.7	16.3	10.5
Queue Length 50th (ft)	82	261	167	14	204	290
Queue Length 95th (ft)	94	175	168	30	m179	m217
Internal Link Dist (ft)	472		208			1627
Turn Bay Length (ft)				100	180	
Base Capacity (vph)	320	843	2294	765	773	3976
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.42	0.63	0.46	0.18	0.68	0.53

Intersection Summary

m Volume for 95th percentile queue is metered by upstream signal.

Queues
Life School - Mitigation School Driveways

09. 2028 Bkgd + Full Site AM
202: MS Driveway & E Danieldale Rd.

Lane Group	EBL	EBT	EBR	WBL	WBT	NBT	NBR	SBT
Lane Group Flow (vph)	51	1071	377	194	1115	340	168	98
v/c Ratio	0.25	0.36	0.35	0.79	0.38	0.84	0.30	0.19
Control Delay	10.5	8.6	1.5	41.1	10.4	49.2	12.2	10.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	10.5	8.6	1.5	41.1	10.4	49.2	12.2	10.5
Queue Length 50th (ft)	11	93	3	79	114	179	30	13
Queue Length 95th (ft)	m17	72	2	101	93	183	42	27
Internal Link Dist (ft)		460			1315	399		178
Turn Bay Length (ft)	125		125	125				
Base Capacity (vph)	205	2966	1080	245	2961	404	566	517
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.25	0.36	0.35	0.79	0.38	0.84	0.30	0.19

Intersection Summary

m Volume for 95th percentile queue is metered by upstream signal.

Queues
Life School - Mitigation School Driveways

09. 2028 Bkgd + Full Site AM
203: S Cockrell Hill Rd. & HS Driveway

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	163	651	2158	183	725	829
v/c Ratio	0.88	0.89	0.97	0.25	1.16	0.21
Control Delay	82.0	39.2	38.2	9.6	111.2	1.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	82.0	39.2	38.2	9.6	111.2	1.5
Queue Length 50th (ft)	93	326	424	33	~431	19
Queue Length 95th (ft)	#118	281	293	43	m279	m15
Internal Link Dist (ft)	472		208			1627
Turn Bay Length (ft)				100	180	
Base Capacity (vph)	186	730	2231	741	623	4039
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.88	0.89	0.97	0.25	1.16	0.21

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Queues
Life School - Mitigation School Driveways

10. 2028 Bkgd + Full Site PM
202: MS Driveway & E Danieldale Rd.

Lane Group	EBL	EBT	EBR	WBL	WBT	NBT	NBR	SBT
Lane Group Flow (vph)	65	911	255	131	1286	259	128	96
v/c Ratio	0.41	0.33	0.26	0.48	0.46	0.56	0.20	0.16
Control Delay	19.5	11.0	3.0	21.4	14.5	31.0	5.6	12.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	19.5	11.0	3.0	21.4	14.5	31.0	5.6	12.5
Queue Length 50th (ft)	21	107	22	49	172	130	3	20
Queue Length 95th (ft)	m34	98	m23	64	135	138	15	32
Internal Link Dist (ft)		460			1315	399		178
Turn Bay Length (ft)	125		125	125				
Base Capacity (vph)	160	2771	978	273	2767	464	653	603
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.41	0.33	0.26	0.48	0.46	0.56	0.20	0.16

Intersection Summary

m Volume for 95th percentile queue is metered by upstream signal.

Queues
Life School - Mitigation School Driveways

10. 2028 Bkgd + Full Site PM
203: S Cockrell Hill Rd. & HS Driveway

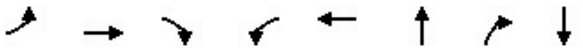
Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	134	535	1132	134	529	2197
v/c Ratio	0.59	0.72	0.50	0.18	0.80	0.55
Control Delay	51.3	26.1	22.6	9.5	14.9	10.3
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	51.3	26.1	22.6	9.5	14.9	10.3
Queue Length 50th (ft)	82	255	187	17	213	292
Queue Length 95th (ft)	94	176	182	33	m168	m212
Internal Link Dist (ft)	472		208			1627
Turn Bay Length (ft)				100	180	
Base Capacity (vph)	320	841	2263	753	755	3976
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.42	0.64	0.50	0.18	0.70	0.55

Intersection Summary

m Volume for 95th percentile queue is metered by upstream signal.

Queues
Life School - Mitigation School Driveways

13. 2032 Bkgd + Full Site AM
202: MS Driveway & E Danieldale Rd.



Lane Group	EBL	EBT	EBR	WBL	WBT	NBT	NBR	SBT
Lane Group Flow (vph)	52	1137	377	194	1181	340	168	104
v/c Ratio	0.28	0.38	0.35	0.86	0.40	0.85	0.30	0.20
Control Delay	11.5	8.6	1.4	53.3	10.6	50.9	13.8	10.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	11.5	8.6	1.4	53.3	10.6	50.9	13.8	10.7
Queue Length 50th (ft)	11	94	2	85	123	180	35	14
Queue Length 95th (ft)	m19	80	2	112	99	184	48	28
Internal Link Dist (ft)		460			1315	399		178
Turn Bay Length (ft)	125		125	125				
Base Capacity (vph)	187	2966	1080	225	2961	398	557	514
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.28	0.38	0.35	0.86	0.40	0.85	0.30	0.20

Intersection Summary

m Volume for 95th percentile queue is metered by upstream signal.

Queues
Life School - Mitigation School Driveways

13. 2032 Bkgd + Full Site AM
203: S Cockrell Hill Rd. & HS Driveway

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	163	651	2326	183	725	889
v/c Ratio	0.88	0.89	1.04	0.25	1.16	0.22
Control Delay	82.0	39.2	57.4	10.1	111.0	1.5
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	82.0	39.2	57.4	10.1	111.0	1.5
Queue Length 50th (ft)	93	326	~529	35	~433	21
Queue Length 95th (ft)	#118	281	326	45	m277	m16
Internal Link Dist (ft)	472		208			1627
Turn Bay Length (ft)				100	180	
Base Capacity (vph)	186	730	2231	737	623	4039
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.88	0.89	1.04	0.25	1.16	0.22

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Queues
Life School - Mitigation School Driveways

14. 2032 Bkgd + Full Site PM
202: MS Driveway & E Danieldale Rd.

Lane Group	EBL	EBT	EBR	WBL	WBT	NBT	NBR	SBT
Lane Group Flow (vph)	69	968	255	131	1374	259	128	103
v/c Ratio	0.49	0.35	0.26	0.52	0.50	0.57	0.20	0.17
Control Delay	24.0	11.2	3.0	23.7	14.9	31.3	7.2	14.8
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	24.0	11.2	3.0	23.7	14.9	31.3	7.2	14.8
Queue Length 50th (ft)	25	119	23	50	189	130	10	27
Queue Length 95th (ft)	m38	104	m22	66	145	139	22	40
Internal Link Dist (ft)		460			1315	399		178
Turn Bay Length (ft)	125		125	125				
Base Capacity (vph)	141	2771	978	252	2767	457	643	595
Starvation Cap Reductn	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.49	0.35	0.26	0.52	0.50	0.57	0.20	0.17

Intersection Summary

m Volume for 95th percentile queue is metered by upstream signal.

Queues
Life School - Mitigation School Driveways

14. 2032 Bkgd + Full Site PM
203: S Cockrell Hill Rd. & HS Driveway

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Group Flow (vph)	134	535	1220	134	529	2372
v/c Ratio	0.59	0.72	0.54	0.18	0.82	0.60
Control Delay	51.3	26.1	23.4	10.4	16.8	11.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	51.3	26.1	23.4	10.4	16.8	11.2
Queue Length 50th (ft)	82	256	207	20	230	321
Queue Length 95th (ft)	94	178	197	36	m164	m230
Internal Link Dist (ft)	472		208			1627
Turn Bay Length (ft)				100	180	
Base Capacity (vph)	320	840	2253	746	737	3976
Starvation Cap Reductn	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0
Reduced v/c Ratio	0.42	0.64	0.54	0.18	0.72	0.60

Intersection Summary

m Volume for 95th percentile queue is metered by upstream signal.

Appendix E.3
Synchro Analysis Results

Mitigation Option 1 (Restriping) Scenarios:

1. 2023 Existing AM
2. 2023 Existing PM
3. 2026 Bkgd AM
4. 2026 Bkgd PM
5. 2026 Bkgd + HS AM
6. 2026 Bkgd + HS PM
7. 2028 Bkgd + HS AM
8. 2028 Bkgd + HS PM
9. 2028 Bkgd + Full Site AM
10. 2028 Bkgd + Full Site PM
11. 2032 Bkgd AM
12. 2032 Bkgd PM
13. 2032 Bkgd + Full Site AM
14. 2032 Bkgd + Full Site PM

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

01. 2023 Existing AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	33	351	74	61	346	117	200	935	68	70	294	23
Future Volume (veh/h)	33	351	74	61	346	117	200	935	68	70	294	23
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	36	382	80	66	376	127	217	1016	0	76	320	25
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	196	514	229	199	556	248	735	2876		417	2556	197
Arrive On Green	0.03	0.14	0.14	0.09	0.31	0.31	0.08	0.56	0.00	0.05	0.53	0.53
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4797	369
Grp Volume(v), veh/h	36	382	80	66	376	127	217	1016	0	76	224	121
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1789
Q Serve(g_s), s	1.5	9.3	4.1	2.8	8.3	5.9	4.8	9.8	0.0	1.7	3.0	3.1
Cycle Q Clear(g_c), s	1.5	9.3	4.1	2.8	8.3	5.9	4.8	9.8	0.0	1.7	3.0	3.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.21
Lane Grp Cap(c), veh/h	196	514	229	199	556	248	735	2876		417	1799	953
V/C Ratio(X)	0.18	0.74	0.35	0.33	0.68	0.51	0.30	0.35		0.18	0.12	0.13
Avail Cap(c_a), veh/h	246	809	361	227	809	361	805	2876		540	1799	953
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.94	0.94	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	31.4	36.9	34.7	29.7	28.9	28.1	7.7	10.7	0.0	8.6	10.5	10.5
Incr Delay (d2), s/veh	0.4	2.2	0.9	1.0	1.4	1.6	0.2	0.3	0.0	0.2	0.1	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.0	1.6	1.2	3.1	2.1	1.6	3.3	0.0	0.6	1.0	1.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	31.8	39.1	35.6	30.7	30.4	29.7	7.9	11.0	0.0	8.8	10.7	10.8
LnGrp LOS	C	D	D	C	C	C	A	B		A	B	B
Approach Vol, veh/h		498			569			1233			421	
Approach Delay, s/veh		38.0			30.3			10.5			10.4	
Approach LOS		D			C			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.8	55.2	8.5	17.5	11.5	52.5	7.5	18.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	3.7	11.8	4.8	11.3	6.8	5.1	3.5	10.3
Green Ext Time (p_c), s	0.1	7.2	0.0	1.7	0.2	2.1	0.0	1.9

Intersection Summary	
HCM 6th Ctrl Delay	19.6
HCM 6th LOS	B

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

02. 2023 Existing PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	58	297	288	126	401	132	85	510	26	105	834	60
Future Volume (veh/h)	58	297	288	126	401	132	85	510	26	105	834	60
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	83	424	411	180	573	189	121	729	0	150	1191	86
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	232	906	404	271	928	414	291	2271		418	2211	160
Arrive On Green	0.05	0.25	0.25	0.02	0.09	0.09	0.02	0.15	0.00	0.07	0.45	0.45
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4860	351
Grp Volume(v), veh/h	83	424	411	180	573	189	121	729	0	150	834	443
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	3.4	10.1	25.5	5.5	15.6	11.3	3.6	12.8	0.0	4.5	17.7	17.7
Cycle Q Clear(g_c), s	3.4	10.1	25.5	5.5	15.6	11.3	3.6	12.8	0.0	4.5	17.7	17.7
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	232	906	404	271	928	414	291	2271		418	1548	822
V/C Ratio(X)	0.36	0.47	1.02	0.66	0.62	0.46	0.42	0.32		0.36	0.54	0.54
Avail Cap(c_a), veh/h	243	906	404	271	928	414	379	2271		489	1548	822
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.7	31.5	37.2	31.4	40.9	38.9	16.0	29.1	0.0	14.1	19.7	19.7
Incr Delay (d2), s/veh	0.9	0.4	49.1	5.9	1.2	0.8	0.9	0.4	0.0	0.5	1.3	2.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.5	4.2	14.9	1.6	7.5	4.8	1.5	5.8	0.0	1.7	6.8	7.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	27.6	31.9	86.3	37.3	42.1	39.7	16.9	29.5	0.0	14.7	21.0	22.2
LnGrp LOS	C	C	F	D	D	D	B	C		B	C	C
Approach Vol, veh/h		918			942			850			1427	
Approach Delay, s/veh		55.9			40.7			27.7			20.7	
Approach LOS		E			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.0	49.0	10.0	30.0	10.0	50.0	9.4	30.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	6.5	14.8	7.5	27.5	5.6	19.7	5.4	17.6
Green Ext Time (p_c), s	0.1	5.0	0.0	0.0	0.1	8.5	0.0	2.6

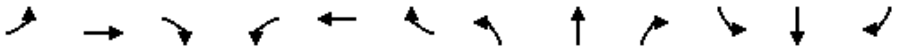
Intersection Summary	
HCM 6th Ctrl Delay	34.5
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

03. 2026 Bkgd AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	372	79	65	367	124	212	992	72	74	312	24
Future Volume (veh/h)	35	372	79	65	367	124	212	992	72	74	312	24
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	38	404	86	71	399	135	230	1078	0	80	339	26
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	198	537	239	200	580	258	718	2833		394	2502	189
Arrive On Green	0.03	0.15	0.15	0.09	0.33	0.33	0.08	0.55	0.00	0.05	0.52	0.52
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4804	363
Grp Volume(v), veh/h	38	404	86	71	399	135	230	1078	0	80	237	128
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1790
Q Serve(g_s), s	1.6	9.8	4.4	3.0	8.8	6.2	5.2	10.7	0.0	1.8	3.3	3.3
Cycle Q Clear(g_c), s	1.6	9.8	4.4	3.0	8.8	6.2	5.2	10.7	0.0	1.8	3.3	3.3
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.20
Lane Grp Cap(c), veh/h	198	537	239	200	580	258	718	2833		394	1759	932
V/C Ratio(X)	0.19	0.75	0.36	0.35	0.69	0.52	0.32	0.38		0.20	0.13	0.14
Avail Cap(c_a), veh/h	246	809	361	227	809	361	780	2833		516	1759	932
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.93	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.9	36.6	34.3	29.3	28.3	27.5	8.0	11.3	0.0	9.1	11.1	11.1
Incr Delay (d2), s/veh	0.5	2.2	0.9	1.1	1.5	1.6	0.2	0.4	0.0	0.3	0.2	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.2	1.7	1.2	3.2	2.2	1.7	3.6	0.0	0.6	1.1	1.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	31.3	38.8	35.2	30.4	29.8	29.1	8.2	11.7	0.0	9.4	11.3	11.4
LnGrp LOS	C	D	D	C	C	C	A	B		A	B	B
Approach Vol, veh/h		528			605			1308			445	
Approach Delay, s/veh		37.6			29.7			11.1			11.0	
Approach LOS		D			C			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.8	54.4	8.7	18.1	11.9	51.4	7.6	19.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	3.8	12.7	5.0	11.8	7.2	5.3	3.6	10.8
Green Ext Time (p_c), s	0.1	7.6	0.0	1.8	0.2	2.2	0.0	2.0

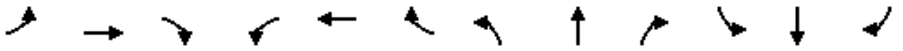
Intersection Summary	
HCM 6th Ctrl Delay	19.8
HCM 6th LOS	B

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

04. 2026 Bkgd PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	62	315	306	134	426	140	90	541	28	111	885	64
Future Volume (veh/h)	62	315	306	134	426	140	90	541	28	111	885	64
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	89	450	437	191	609	200	129	773	0	159	1264	91
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	225	906	404	262	917	409	280	2255		407	2197	158
Arrive On Green	0.05	0.25	0.25	0.02	0.09	0.09	0.02	0.15	0.00	0.07	0.45	0.45
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4861	350
Grp Volume(v), veh/h	89	450	437	191	609	200	129	773	0	159	885	470
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	3.7	10.8	25.5	5.5	16.6	12.0	3.9	13.6	0.0	4.8	19.3	19.3
Cycle Q Clear(g_c), s	3.7	10.8	25.5	5.5	16.6	12.0	3.9	13.6	0.0	4.8	19.3	19.3
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	225	906	404	262	917	409	280	2255		407	1538	817
V/C Ratio(X)	0.40	0.50	1.08	0.73	0.66	0.49	0.46	0.34		0.39	0.58	0.58
Avail Cap(c_a), veh/h	231	906	404	262	917	409	363	2255		472	1538	817
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.8	31.8	37.2	32.8	41.5	39.4	16.6	29.7	0.0	14.4	20.3	20.3
Incr Delay (d2), s/veh	1.1	0.4	68.3	9.8	1.8	0.9	1.2	0.4	0.0	0.6	1.6	2.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	4.5	17.1	2.4	8.1	5.1	1.6	6.2	0.0	1.9	7.4	8.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	27.9	32.2	105.5	42.6	43.4	40.4	17.8	30.1	0.0	15.0	21.9	23.2
LnGrp LOS	C	C	F	D	D	D	B	C		B	C	C
Approach Vol, veh/h		976			1000			902			1514	
Approach Delay, s/veh		64.6			42.6			28.3			21.6	
Approach LOS		E			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.3	48.7	10.0	30.0	10.3	49.7	9.7	30.3
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	6.8	15.6	7.5	27.5	5.9	21.3	5.7	18.6
Green Ext Time (p_c), s	0.1	5.3	0.0	0.0	0.1	8.7	0.0	2.6

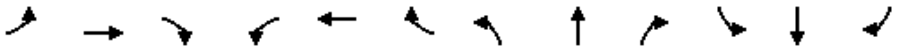
Intersection Summary	
HCM 6th Ctrl Delay	37.3
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

05. 2026 Bkgd + HS AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	372	168	270	367	124	292	1151	257	77	488	24
Future Volume (veh/h)	35	372	168	270	367	124	292	1151	257	77	488	24
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	38	404	183	293	399	135	317	1251	0	84	530	26
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	216	551	246	228	647	289	625	2732		337	2352	115
Arrive On Green	0.03	0.16	0.16	0.10	0.30	0.30	0.11	0.54	0.00	0.05	0.48	0.48
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4948	241
Grp Volume(v), veh/h	38	404	183	293	399	135	317	1251	0	84	361	195
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	1.6	9.8	9.9	5.5	8.7	6.2	7.7	13.6	0.0	2.1	5.6	5.7
Cycle Q Clear(g_c), s	1.6	9.8	9.9	5.5	8.7	6.2	7.7	13.6	0.0	2.1	5.6	5.7
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	216	551	246	228	647	289	625	2732		337	1605	861
V/C Ratio(X)	0.18	0.73	0.74	1.29	0.62	0.47	0.51	0.46		0.25	0.22	0.23
Avail Cap(c_a), veh/h	264	809	361	228	809	361	639	2732		458	1605	861
HCM Platoon Ratio	1.00	1.00	1.00	1.67	1.67	1.67	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.37	0.37	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.5	36.2	36.3	35.4	28.6	27.8	9.0	12.9	0.0	11.2	13.9	13.9
Incr Delay (d2), s/veh	0.4	1.9	4.7	158.3	1.0	1.2	0.2	0.2	0.0	0.4	0.3	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.2	4.0	12.3	3.3	2.2	2.5	4.6	0.0	0.8	2.0	2.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.8	38.2	41.0	193.8	29.6	29.0	9.3	13.1	0.0	11.5	14.2	14.5
LnGrp LOS	C	D	D	F	C	C	A	B		B	B	B
Approach Vol, veh/h		625			827			1568			640	
Approach Delay, s/veh		38.5			87.6			12.3			13.9	
Approach LOS		D			F			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.9	52.7	10.0	18.5	14.3	47.3	7.6	20.9
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	4.1	15.6	7.5	11.9	9.7	7.7	3.6	10.7
Green Ext Time (p_c), s	0.1	8.6	0.0	2.0	0.1	3.5	0.0	2.0

Intersection Summary	
HCM 6th Ctrl Delay	34.1
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

06. 2026 Bkgd + HS PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	62	315	371	284	426	140	155	672	180	114	1014	64
Future Volume (veh/h)	62	315	371	284	426	140	155	672	180	114	1014	64
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	89	450	530	406	609	200	221	960	0	163	1449	91
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	225	906	404	254	917	409	290	2239		356	2070	130
Arrive On Green	0.05	0.25	0.25	0.02	0.09	0.09	0.03	0.14	0.00	0.07	0.42	0.42
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	89	450	530	406	609	200	221	960	0	163	1004	536
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	3.7	10.8	25.5	5.5	16.6	12.0	6.8	17.1	0.0	5.1	24.2	24.2
Cycle Q Clear(g_c), s	3.7	10.8	25.5	5.5	16.6	12.0	6.8	17.1	0.0	5.1	24.2	24.2
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	225	906	404	254	917	409	290	2239		356	1435	765
V/C Ratio(X)	0.40	0.50	1.31	1.60	0.66	0.49	0.76	0.43		0.46	0.70	0.70
Avail Cap(c_a), veh/h	231	906	404	254	917	409	319	2239		415	1435	765
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.82	0.82	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.8	31.8	37.2	37.5	41.5	39.4	21.6	31.3	0.0	15.8	23.7	23.7
Incr Delay (d2), s/veh	1.1	0.4	156.8	286.1	1.8	0.9	7.9	0.5	0.0	0.9	2.9	5.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	4.5	27.0	23.7	8.1	5.1	3.4	7.8	0.0	2.0	9.6	10.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	27.9	32.2	194.1	323.6	43.4	40.4	29.4	31.8	0.0	16.7	26.6	29.0
LnGrp LOS	C	C	F	F	D	D	C	C		B	C	C
Approach Vol, veh/h		1069			1215			1181			1703	
Approach Delay, s/veh		112.1			136.5			31.4			26.4	
Approach LOS		F			F			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.7	48.3	10.0	30.0	13.3	46.7	9.7	30.3
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	7.1	19.1	7.5	27.5	8.8	26.2	5.7	18.6
Green Ext Time (p_c), s	0.1	6.5	0.0	0.0	0.1	8.4	0.0	2.6

Intersection Summary	
HCM 6th Ctrl Delay	71.2
HCM 6th LOS	E

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

07. 2028 Bkgd + HS AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	388	171	273	382	129	300	1191	260	80	500	25
Future Volume (veh/h)	36	388	171	273	382	129	300	1191	260	80	500	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	39	422	186	297	415	140	326	1295	0	87	543	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	214	564	251	226	658	294	618	2711		326	2316	114
Arrive On Green	0.03	0.16	0.16	0.10	0.31	0.31	0.11	0.53	0.00	0.05	0.47	0.47
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4944	244
Grp Volume(v), veh/h	39	422	186	297	415	140	326	1295	0	87	370	200
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	1.6	10.2	10.1	5.5	9.0	6.4	8.0	14.3	0.0	2.2	5.9	5.9
Cycle Q Clear(g_c), s	1.6	10.2	10.1	5.5	9.0	6.4	8.0	14.3	0.0	2.2	5.9	5.9
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	214	564	251	226	658	294	618	2711		326	1582	848
V/C Ratio(X)	0.18	0.75	0.74	1.32	0.63	0.48	0.53	0.48		0.27	0.23	0.24
Avail Cap(c_a), veh/h	261	809	361	226	809	361	626	2711		446	1582	848
HCM Platoon Ratio	1.00	1.00	1.00	1.67	1.67	1.67	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.32	0.32	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.2	36.1	36.1	35.2	28.4	27.6	9.3	13.3	0.0	11.5	14.3	14.3
Incr Delay (d2), s/veh	0.4	2.3	4.7	170.0	1.1	1.2	0.3	0.2	0.0	0.4	0.3	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.4	4.1	12.9	3.4	2.3	2.7	4.9	0.0	0.8	2.1	2.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.6	38.5	40.8	205.3	29.5	28.8	9.5	13.5	0.0	12.0	14.6	15.0
LnGrp LOS	C	D	D	F	C	C	A	B		B	B	B
Approach Vol, veh/h		647			852			1621			657	
Approach Delay, s/veh		38.7			90.7			12.7			14.4	
Approach LOS		D			F			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.9	52.3	10.0	18.8	14.6	46.7	7.6	21.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	4.2	16.3	7.5	12.2	10.0	7.9	3.6	11.0
Green Ext Time (p_c), s	0.1	8.7	0.0	2.1	0.1	3.6	0.0	2.1

Intersection Summary	
HCM 6th Ctrl Delay	35.0
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

08. 2028 Bkgd + HS PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	64	328	383	290	443	146	159	694	181	118	1049	66
Future Volume (veh/h)	64	328	383	290	443	146	159	694	181	118	1049	66
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	91	469	547	414	633	209	227	991	0	169	1499	94
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	220	906	404	249	913	407	286	2228		350	2061	129
Arrive On Green	0.05	0.25	0.25	0.02	0.08	0.08	0.03	0.14	0.00	0.07	0.42	0.42
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	91	469	547	414	633	209	227	991	0	169	1039	554
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	3.8	11.3	25.5	5.5	17.3	12.6	7.0	17.8	0.0	5.3	25.5	25.5
Cycle Q Clear(g_c), s	3.8	11.3	25.5	5.5	17.3	12.6	7.0	17.8	0.0	5.3	25.5	25.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	220	906	404	249	913	407	286	2228		350	1428	762
V/C Ratio(X)	0.41	0.52	1.35	1.67	0.69	0.51	0.79	0.44		0.48	0.73	0.73
Avail Cap(c_a), veh/h	224	906	404	249	913	407	312	2228		406	1428	762
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.82	0.82	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.9	32.0	37.2	37.5	41.9	39.8	22.1	31.7	0.0	16.0	24.2	24.2
Incr Delay (d2), s/veh	1.2	0.5	174.5	316.5	2.3	1.1	10.3	0.5	0.0	1.0	3.3	6.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	4.8	29.0	25.2	8.5	5.4	3.7	8.1	0.0	2.1	10.2	11.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.2	32.5	211.8	354.0	44.2	40.9	32.4	32.3	0.0	17.1	27.5	30.3
LnGrp LOS	C	C	F	F	D	D	C	C		B	C	C
Approach Vol, veh/h		1107			1256			1218			1762	
Approach Delay, s/veh		120.7			145.7			32.3			27.4	
Approach LOS		F			F			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.9	48.1	10.0	30.0	13.5	46.5	9.8	30.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	7.3	19.8	7.5	27.5	9.0	27.5	5.8	19.3
Green Ext Time (p_c), s	0.1	6.7	0.0	0.0	0.1	8.1	0.0	2.5

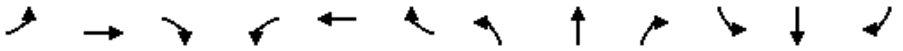
Intersection Summary	
HCM 6th Ctrl Delay	75.7
HCM 6th LOS	E

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

09. 2028 Bkgd + Full Site AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	443	171	339	431	228	300	1191	335	192	500	25
Future Volume (veh/h)	36	443	171	339	431	228	300	1191	335	192	500	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	39	482	186	368	468	248	326	1295	0	209	543	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	207	620	277	223	715	319	607	2445		361	2213	109
Arrive On Green	0.03	0.17	0.17	0.10	0.34	0.34	0.12	0.48	0.00	0.09	0.45	0.45
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4944	244
Grp Volume(v), veh/h	39	482	186	368	468	248	326	1295	0	209	370	200
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	1.6	11.7	9.9	5.5	10.1	12.7	8.7	15.9	0.0	5.6	6.1	6.2
Cycle Q Clear(g_c), s	1.6	11.7	9.9	5.5	10.1	12.7	8.7	15.9	0.0	5.6	6.1	6.2
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	207	620	277	223	715	319	607	2445		361	1512	811
V/C Ratio(X)	0.19	0.78	0.67	1.65	0.65	0.78	0.54	0.53		0.58	0.24	0.25
Avail Cap(c_a), veh/h	254	809	361	223	809	361	607	2445		416	1512	811
HCM Platoon Ratio	1.00	1.00	1.00	1.67	1.67	1.67	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.24	0.24	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.1	35.5	34.7	34.5	27.2	28.1	10.7	16.4	0.0	13.0	15.4	15.4
Incr Delay (d2), s/veh	0.4	3.6	3.1	310.2	1.6	9.2	0.2	0.2	0.0	1.5	0.4	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	5.1	3.9	21.4	3.8	4.8	3.0	5.6	0.0	2.1	2.3	2.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.6	39.0	37.9	344.7	28.8	37.3	10.9	16.6	0.0	14.5	15.8	16.2
LnGrp LOS	C	D	D	F	C	D	B	B		B	B	B
Approach Vol, veh/h		707			1084			1621			779	
Approach Delay, s/veh		38.2			138.0			15.4			15.5	
Approach LOS		D			F			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.2	47.6	10.0	20.2	15.0	44.8	7.6	22.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	7.6	17.9	7.5	13.7	10.7	8.2	3.6	14.7
Green Ext Time (p_c), s	0.2	8.3	0.0	2.1	0.0	3.5	0.0	1.9

Intersection Summary	
HCM 6th Ctrl Delay	51.0
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

10. 2028 Bkgd + Full Site PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	64	366	383	340	480	221	159	694	231	194	1049	66
Future Volume (veh/h)	64	366	383	340	480	221	159	694	231	194	1049	66
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	91	523	547	486	686	316	227	991	0	277	1499	94
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	204	906	404	237	913	407	288	2068		387	2052	129
Arrive On Green	0.05	0.25	0.25	0.02	0.08	0.08	0.03	0.13	0.00	0.10	0.42	0.42
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	91	523	547	486	686	316	227	991	0	277	1039	554
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	3.8	12.9	25.5	5.5	18.9	19.5	7.1	18.0	0.0	9.0	25.6	25.6
Cycle Q Clear(g_c), s	3.8	12.9	25.5	5.5	18.9	19.5	7.1	18.0	0.0	9.0	25.6	25.6
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	204	906	404	237	913	407	288	2068		387	1422	758
V/C Ratio(X)	0.45	0.58	1.35	2.05	0.75	0.78	0.79	0.48		0.72	0.73	0.73
Avail Cap(c_a), veh/h	207	906	404	237	913	407	311	2068		387	1422	758
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.80	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	27.3	32.5	37.2	37.4	42.6	42.9	22.3	33.6	0.0	17.4	24.4	24.4
Incr Delay (d2), s/veh	1.5	0.9	174.5	488.6	3.5	9.1	9.7	0.6	0.0	6.2	3.3	6.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	5.4	29.0	35.1	9.4	9.3	3.7	8.2	0.0	4.0	10.3	11.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.9	33.4	211.8	525.9	46.1	52.0	32.1	34.2	0.0	23.6	27.7	30.5
LnGrp LOS	C	C	F	F	D	D	C	C		C	C	C
Approach Vol, veh/h		1161			1488			1218			1870	
Approach Delay, s/veh		117.1			204.1			33.8			27.9	
Approach LOS		F			F			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.0	45.0	10.0	30.0	13.7	46.3	9.8	30.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	11.0	20.0	7.5	27.5	9.1	27.6	5.8	21.5
Green Ext Time (p_c), s	0.0	6.7	0.0	0.0	0.1	8.1	0.0	2.0

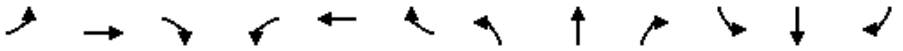
Intersection Summary	
HCM 6th Ctrl Delay	92.9
HCM 6th LOS	F

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

11. 2032 Bkgd AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	419	88	73	414	140	239	1117	81	84	351	27
Future Volume (veh/h)	39	419	88	73	414	140	239	1117	81	84	351	27
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	42	455	96	79	450	152	260	1214	0	91	382	29
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	202	588	262	206	638	285	681	2729		348	2364	177
Arrive On Green	0.04	0.17	0.17	0.10	0.36	0.36	0.09	0.53	0.00	0.05	0.49	0.49
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4807	360
Grp Volume(v), veh/h	42	455	96	79	450	152	260	1214	0	91	267	144
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1791
Q Serve(g_s), s	1.7	11.0	4.8	3.3	9.8	6.8	6.2	13.1	0.0	2.2	3.9	4.0
Cycle Q Clear(g_c), s	1.7	11.0	4.8	3.3	9.8	6.8	6.2	13.1	0.0	2.2	3.9	4.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.20
Lane Grp Cap(c), veh/h	202	588	262	206	638	285	681	2729		348	1661	881
V/C Ratio(X)	0.21	0.77	0.37	0.38	0.71	0.53	0.38	0.44		0.26	0.16	0.16
Avail Cap(c_a), veh/h	247	809	361	226	809	361	724	2729		467	1661	881
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.90	0.90	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.8	35.9	33.4	28.1	26.8	25.9	8.7	12.8	0.0	10.6	12.6	12.6
Incr Delay (d2), s/veh	0.5	3.2	0.9	1.2	2.0	1.6	0.3	0.5	0.0	0.4	0.2	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.8	1.9	1.3	3.5	2.3	2.1	4.5	0.0	0.8	1.4	1.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.3	39.1	34.2	29.3	28.8	27.4	9.0	13.3	0.0	10.9	12.8	13.0
LnGrp LOS	C	D	C	C	C	C	A	B		B	B	B
Approach Vol, veh/h		593			681			1474			502	
Approach Delay, s/veh		37.7			28.6			12.5			12.5	
Approach LOS		D			C			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.0	52.6	9.0	19.4	12.8	48.8	7.8	20.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	4.2	15.1	5.3	13.0	8.2	6.0	3.7	11.8
Green Ext Time (p_c), s	0.1	8.4	0.0	1.9	0.2	2.5	0.0	2.2

Intersection Summary	
HCM 6th Ctrl Delay	20.5
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

12. 2032 Bkgd PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	69	355	344	151	479	158	102	609	31	125	997	72
Future Volume (veh/h)	69	355	344	151	479	158	102	609	31	125	997	72
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	99	507	491	216	684	226	146	870	0	179	1424	103
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	210	906	404	244	906	404	260	2219		385	2166	157
Arrive On Green	0.05	0.25	0.25	0.02	0.08	0.08	0.02	0.14	0.00	0.08	0.45	0.45
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4860	351
Grp Volume(v), veh/h	99	507	491	216	684	226	146	870	0	179	997	530
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	4.1	12.4	25.5	5.5	18.8	13.7	4.4	15.5	0.0	5.5	23.0	23.0
Cycle Q Clear(g_c), s	4.1	12.4	25.5	5.5	18.8	13.7	4.4	15.5	0.0	5.5	23.0	23.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	210	906	404	244	906	404	260	2219		385	1517	806
V/C Ratio(X)	0.47	0.56	1.21	0.89	0.75	0.56	0.56	0.39		0.47	0.66	0.66
Avail Cap(c_a), veh/h	210	906	404	244	906	404	333	2219		437	1517	806
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.98	0.98	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	27.3	32.4	37.2	35.8	42.7	40.4	18.8	30.8	0.0	15.0	21.7	21.7
Incr Delay (d2), s/veh	1.6	0.8	117.4	29.7	3.6	1.7	1.9	0.5	0.0	0.9	2.2	4.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	5.2	22.6	4.5	9.3	6.0	1.9	7.1	0.0	2.1	9.0	10.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.0	33.1	154.6	65.5	46.4	42.1	20.7	31.4	0.0	15.9	24.0	25.9
LnGrp LOS	C	C	F	E	D	D	C	C		B	C	C
Approach Vol, veh/h		1097			1126			1016			1706	
Approach Delay, s/veh		87.1			49.2			29.8			23.7	
Approach LOS		F			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.0	48.0	10.0	30.0	10.9	49.1	10.0	30.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	7.5	17.5	7.5	27.5	6.4	25.0	6.1	20.8
Green Ext Time (p_c), s	0.1	6.0	0.0	0.0	0.1	8.8	0.0	2.2

Intersection Summary	
HCM 6th Ctrl Delay	44.8
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

13. 2032 Bkgd + Full Site AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	475	178	344	463	239	318	1276	341	198	527	27
Future Volume (veh/h)	39	475	178	344	463	239	318	1276	341	198	527	27
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	42	516	193	374	503	260	346	1387	0	215	573	29
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	206	651	290	222	740	330	586	2386		357	2168	109
Arrive On Green	0.04	0.18	0.18	0.10	0.35	0.35	0.16	0.62	0.00	0.09	0.44	0.44
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4939	249
Grp Volume(v), veh/h	42	516	193	374	503	260	346	1387	0	215	391	211
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1811
Q Serve(g_s), s	1.7	12.5	10.2	5.5	10.9	13.3	10.0	14.5	0.0	5.8	6.6	6.7
Cycle Q Clear(g_c), s	1.7	12.5	10.2	5.5	10.9	13.3	10.0	14.5	0.0	5.8	6.6	6.7
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.14
Lane Grp Cap(c), veh/h	206	651	290	222	740	330	586	2386		357	1482	795
V/C Ratio(X)	0.20	0.79	0.66	1.69	0.68	0.79	0.59	0.58		0.60	0.26	0.27
Avail Cap(c_a), veh/h	250	809	361	222	809	361	586	2386		407	1482	795
HCM Platoon Ratio	1.00	1.00	1.00	1.67	1.67	1.67	1.33	1.33	1.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.10	0.10	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.5	35.1	34.2	34.1	26.8	27.6	11.0	11.8	0.0	13.2	16.0	16.0
Incr Delay (d2), s/veh	0.5	4.3	3.2	327.6	2.1	10.3	0.2	0.1	0.0	2.0	0.4	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	5.6	4.0	22.3	4.1	5.0	3.2	4.1	0.0	2.3	2.5	2.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.0	39.5	37.4	361.7	28.9	37.8	11.2	11.9	0.0	15.2	16.5	16.9
LnGrp LOS	C	D	D	F	C	D	B	B		B	B	B
Approach Vol, veh/h		751			1137			1733			817	
Approach Delay, s/veh		38.4			140.4			11.8			16.2	
Approach LOS		D			F			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.5	46.6	10.0	21.0	15.0	44.0	7.8	23.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	35.5	5.5	20.5	10.5	35.5	5.5	20.5
Max Q Clear Time (g_c+I1), s	7.8	16.5	7.5	14.5	12.0	8.7	3.7	15.3
Green Ext Time (p_c), s	0.2	9.4	0.0	2.0	0.0	3.8	0.0	1.9

Intersection Summary	
HCM 6th Ctrl Delay	50.0
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 1 - Restriping

14. 2032 Bkgd + Full Site PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	69	393	410	351	517	233	167	740	234	203	1125	72
Future Volume (veh/h)	69	393	410	351	517	233	167	740	234	203	1125	72
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	99	561	586	501	739	333	239	1057	0	290	1607	103
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	196	906	404	227	906	404	279	2068		372	2032	130
Arrive On Green	0.05	0.25	0.25	0.02	0.08	0.08	0.03	0.13	0.00	0.10	0.41	0.41
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4904	314
Grp Volume(v), veh/h	99	561	586	501	739	333	239	1057	0	290	1115	595
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1814
Q Serve(g_s), s	4.1	14.0	25.5	5.5	20.4	20.7	7.5	19.2	0.0	9.5	28.5	28.6
Cycle Q Clear(g_c), s	4.1	14.0	25.5	5.5	20.4	20.7	7.5	19.2	0.0	9.5	28.5	28.6
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	196	906	404	227	906	404	279	2068		372	1410	752
V/C Ratio(X)	0.51	0.62	1.45	2.21	0.82	0.82	0.86	0.51		0.78	0.79	0.79
Avail Cap(c_a), veh/h	196	906	404	227	906	404	296	2068		372	1410	752
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.77	0.77	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	27.8	33.0	37.2	37.2	43.5	43.6	23.2	34.1	0.0	18.4	25.5	25.5
Incr Delay (d2), s/veh	2.1	1.3	215.9	559.4	5.8	13.0	16.5	0.7	0.0	10.1	4.6	8.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	5.9	33.6	38.0	10.4	10.2	4.4	8.8	0.0	4.6	11.6	13.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.9	34.2	253.1	596.6	49.3	56.5	39.6	34.8	0.0	28.5	30.1	33.9
LnGrp LOS	C	C	F	F	D	E	D	C		C	C	C
Approach Vol, veh/h		1246			1573			1296			2000	
Approach Delay, s/veh		136.8			225.2			35.7			31.0	
Approach LOS		F			F			D			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.0	45.0	10.0	30.0	14.1	45.9	10.0	30.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	10.5	40.5	5.5	25.5	10.5	40.5	5.5	25.5
Max Q Clear Time (g_c+I1), s	11.5	21.2	7.5	27.5	9.5	30.6	6.1	22.7
Green Ext Time (p_c), s	0.0	7.0	0.0	0.0	0.1	7.0	0.0	1.6

Intersection Summary	
HCM 6th Ctrl Delay	103.5
HCM 6th LOS	F

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

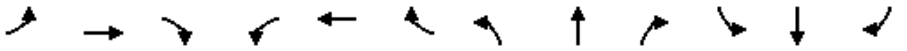
Appendix E.4
Synchro Analysis Results

Mitigation Option 2 (Optimize Timing) Scenarios:

1. 2023 Existing AM
2. 2023 Existing PM
3. 2026 Bkgd AM
4. 2026 Bkgd PM
5. 2026 Bkgd + HS AM
6. 2026 Bkgd + HS PM
7. 2028 Bkgd + HS AM
8. 2028 Bkgd + HS PM
9. 2028 Bkgd + Full Site AM
10. 2028 Bkgd + Full Site PM
11. 2032 Bkgd AM
12. 2032 Bkgd PM
13. 2032 Bkgd + Full Site AM
14. 2032 Bkgd + Full Site PM

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

01. 2023 Existing AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	33	351	74	61	346	117	200	935	68	70	294	23
Future Volume (veh/h)	33	351	74	61	346	117	200	935	68	70	294	23
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	36	382	80	66	376	127	217	1016	0	76	320	25
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	160	473	211	170	521	232	769	3157		429	2831	218
Arrive On Green	0.03	0.13	0.13	0.04	0.15	0.15	0.07	0.62	0.00	0.04	0.59	0.59
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4797	369
Grp Volume(v), veh/h	36	382	80	66	376	127	217	1016	0	76	224	121
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1789
Q Serve(g_s), s	1.9	11.5	5.1	3.5	11.1	8.2	5.1	10.4	0.0	1.8	3.2	3.3
Cycle Q Clear(g_c), s	1.9	11.5	5.1	3.5	11.1	8.2	5.1	10.4	0.0	1.8	3.2	3.3
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.21
Lane Grp Cap(c), veh/h	160	473	211	170	521	232	769	3157		429	1993	1056
V/C Ratio(X)	0.22	0.81	0.38	0.39	0.72	0.55	0.28	0.32		0.18	0.11	0.11
Avail Cap(c_a), veh/h	195	598	267	424	1082	483	1010	3157		558	1993	1056
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.94	0.94	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	39.7	46.3	43.5	39.3	44.8	43.5	7.1	10.0	0.0	8.1	9.9	9.9
Incr Delay (d2), s/veh	0.7	6.5	1.1	1.4	1.9	2.0	0.2	0.3	0.0	0.2	0.1	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	5.4	2.0	1.6	4.9	3.3	1.7	3.6	0.0	0.6	1.1	1.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	40.4	52.8	44.7	40.8	46.7	45.5	7.3	10.3	0.0	8.3	10.0	10.1
LnGrp LOS	D	D	D	D	D	D	A	B		A	B	B
Approach Vol, veh/h		498			569			1233			421	
Approach Delay, s/veh		50.6			45.7			9.7			9.7	
Approach LOS		D			D			A			A	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.0	72.5	9.3	19.1	12.1	69.4	7.8	20.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	3.8	12.4	5.5	13.5	7.1	5.3	3.9	13.1
Green Ext Time (p_c), s	0.1	7.6	0.1	1.1	0.5	2.0	0.0	2.6

Intersection Summary	
HCM 6th Ctrl Delay	24.7
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

02. 2023 Existing PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	58	297	288	126	401	132	85	510	26	105	834	60
Future Volume (veh/h)	58	297	288	126	401	132	85	510	26	105	834	60
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	83	424	411	180	573	189	121	729	0	150	1191	86
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	236	764	341	317	929	414	290	2258		417	2199	159
Arrive On Green	0.05	0.22	0.22	0.03	0.09	0.09	0.02	0.15	0.00	0.07	0.45	0.45
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4860	351
Grp Volume(v), veh/h	83	424	411	180	573	189	121	729	0	150	834	443
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	3.6	10.6	21.5	7.5	15.6	11.3	3.6	12.8	0.0	4.5	17.8	17.8
Cycle Q Clear(g_c), s	3.6	10.6	21.5	7.5	15.6	11.3	3.6	12.8	0.0	4.5	17.8	17.8
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	236	764	341	317	929	414	290	2258		417	1540	818
V/C Ratio(X)	0.35	0.55	1.21	0.57	0.62	0.46	0.42	0.32		0.36	0.54	0.54
Avail Cap(c_a), veh/h	261	764	341	473	1190	531	378	2258		505	1540	818
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.0	35.0	39.3	27.8	40.8	38.9	16.1	29.3	0.0	14.3	19.9	19.9
Incr Delay (d2), s/veh	0.9	0.9	117.2	1.6	0.7	0.8	1.0	0.4	0.0	0.5	1.4	2.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.5	4.5	19.1	3.4	7.4	4.8	1.5	5.8	0.0	1.7	6.8	7.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.9	35.9	156.4	29.4	41.5	39.7	17.1	29.7	0.0	14.8	21.2	22.4
LnGrp LOS	C	D	F	C	D	D	B	C		B	C	C
Approach Vol, veh/h		918			942			850			1427	
Approach Delay, s/veh		89.3			38.8			27.9			20.9	
Approach LOS		F			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.1	48.7	14.2	26.0	10.0	49.7	9.6	30.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	6.5	14.8	9.5	23.5	5.6	19.8	5.6	17.6
Green Ext Time (p_c), s	0.1	4.2	0.3	0.0	0.1	6.1	0.0	3.8

Intersection Summary	
HCM 6th Ctrl Delay	41.6
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

03. 2026 Bkgd AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	372	79	65	367	124	212	992	72	74	312	24
Future Volume (veh/h)	35	372	79	65	367	124	212	992	72	74	312	24
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	38	404	86	71	399	135	230	1078	0	80	339	26
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	162	493	220	175	548	245	750	3111		404	2774	210
Arrive On Green	0.03	0.14	0.14	0.05	0.15	0.15	0.07	0.61	0.00	0.04	0.58	0.58
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4804	363
Grp Volume(v), veh/h	38	404	86	71	399	135	230	1078	0	80	237	128
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1790
Q Serve(g_s), s	2.0	12.2	5.4	3.7	11.8	8.7	5.5	11.5	0.0	2.0	3.5	3.6
Cycle Q Clear(g_c), s	2.0	12.2	5.4	3.7	11.8	8.7	5.5	11.5	0.0	2.0	3.5	3.6
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.20
Lane Grp Cap(c), veh/h	162	493	220	175	548	245	750	3111		404	1950	1034
V/C Ratio(X)	0.23	0.82	0.39	0.41	0.73	0.55	0.31	0.35		0.20	0.12	0.12
Avail Cap(c_a), veh/h	196	598	267	423	1082	483	984	3111		532	1950	1034
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.93	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	39.2	46.0	43.2	38.7	44.3	43.0	7.4	10.6	0.0	8.7	10.6	10.6
Incr Delay (d2), s/veh	0.7	7.5	1.1	1.5	1.9	1.9	0.2	0.3	0.0	0.2	0.1	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	5.7	2.2	1.7	5.2	3.5	1.9	4.0	0.0	0.7	1.3	1.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	39.9	53.6	44.3	40.2	46.2	44.9	7.6	10.9	0.0	8.9	10.7	10.8
LnGrp LOS	D	D	D	D	D	D	A	B		A	B	B
Approach Vol, veh/h		528			605			1308			445	
Approach Delay, s/veh		51.1			45.2			10.3			10.4	
Approach LOS		D			D			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.1	71.5	9.7	19.7	12.6	68.0	7.9	21.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	4.0	13.5	5.7	14.2	7.5	5.6	4.0	13.8
Green Ext Time (p_c), s	0.1	8.1	0.1	1.1	0.5	2.1	0.0	2.8

Intersection Summary	
HCM 6th Ctrl Delay	25.1
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

04. 2026 Bkgd PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	62	315	306	134	426	140	90	541	28	111	885	64
Future Volume (veh/h)	62	315	306	134	426	140	90	541	28	111	885	64
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	89	450	437	191	609	200	129	773	0	159	1264	91
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	232	764	341	317	935	417	277	2214		403	2160	156
Arrive On Green	0.05	0.22	0.22	0.03	0.09	0.09	0.02	0.14	0.00	0.07	0.44	0.44
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4861	350
Grp Volume(v), veh/h	89	450	437	191	609	200	129	773	0	159	885	470
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	3.9	11.4	21.5	7.9	16.6	12.0	3.9	13.7	0.0	4.9	19.5	19.5
Cycle Q Clear(g_c), s	3.9	11.4	21.5	7.9	16.6	12.0	3.9	13.7	0.0	4.9	19.5	19.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	232	764	341	317	935	417	277	2214		403	1513	803
V/C Ratio(X)	0.38	0.59	1.28	0.60	0.65	0.48	0.47	0.35		0.39	0.59	0.59
Avail Cap(c_a), veh/h	252	764	341	465	1190	531	359	2214		484	1513	803
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.9	35.3	39.3	27.9	41.2	39.1	17.1	30.1	0.0	14.8	20.9	20.9
Incr Delay (d2), s/veh	1.0	1.2	147.7	1.8	0.8	0.9	1.2	0.4	0.0	0.6	1.7	3.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	4.9	22.0	3.7	7.9	5.1	1.7	6.3	0.0	1.9	7.6	8.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.0	36.5	186.9	29.8	42.1	40.0	18.3	30.5	0.0	15.4	22.5	24.0
LnGrp LOS	C	D	F	C	D	D	B	C		B	C	C
Approach Vol, veh/h		976			1000			902			1514	
Approach Delay, s/veh		103.2			39.3			28.8			22.2	
Approach LOS		F			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.4	47.9	14.7	26.0	10.4	48.9	9.9	30.8
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	6.9	15.7	9.9	23.5	5.9	21.5	5.9	18.6
Green Ext Time (p_c), s	0.2	4.4	0.3	0.0	0.1	5.8	0.0	4.0

Intersection Summary	
HCM 6th Ctrl Delay	45.5
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

05. 2026 Bkgd + HS AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	372	168	270	367	124	292	1151	257	77	488	24
Future Volume (veh/h)	35	372	168	270	367	124	292	1151	257	77	488	24
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	38	404	183	293	399	135	317	1251	0	84	530	26
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	244	502	224	369	945	421	577	2538		289	2074	101
Arrive On Green	0.03	0.14	0.14	0.16	0.27	0.27	0.12	0.50	0.00	0.04	0.42	0.42
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4948	241
Grp Volume(v), veh/h	38	404	183	293	399	135	317	1251	0	84	361	195
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	2.0	12.1	12.3	14.8	10.2	7.5	10.5	18.0	0.0	2.9	7.6	7.7
Cycle Q Clear(g_c), s	2.0	12.1	12.3	14.8	10.2	7.5	10.5	18.0	0.0	2.9	7.6	7.7
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	244	502	224	369	945	421	577	2538		289	1416	760
V/C Ratio(X)	0.16	0.80	0.82	0.79	0.42	0.32	0.55	0.49		0.29	0.25	0.26
Avail Cap(c_a), veh/h	278	598	267	423	1082	483	727	2538		416	1416	760
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.37	0.37	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	38.5	45.8	45.8	32.1	33.4	32.4	13.8	18.4	0.0	17.2	20.8	20.8
Incr Delay (d2), s/veh	0.3	6.7	15.4	8.9	0.3	0.4	0.3	0.3	0.0	0.6	0.4	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	5.7	5.7	7.1	4.3	2.9	4.0	6.7	0.0	1.2	3.0	3.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	38.8	52.5	61.2	41.0	33.7	32.8	14.1	18.7	0.0	17.8	21.2	21.6
LnGrp LOS	D	D	E	D	C	C	B	B		B	C	C
Approach Vol, veh/h		625			827			1568			640	
Approach Delay, s/veh		54.2			36.1			17.7			20.9	
Approach LOS		D			D			B			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.1	59.2	21.6	20.0	17.7	50.6	7.9	33.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	4.9	20.0	16.8	14.3	12.5	9.7	4.0	12.2
Green Ext Time (p_c), s	0.1	8.7	0.3	1.2	0.7	3.2	0.0	2.8

Intersection Summary	
HCM 6th Ctrl Delay	28.7
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

06. 2026 Bkgd + HS PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	62	315	371	284	426	140	155	672	180	114	1014	64
Future Volume (veh/h)	62	315	371	284	426	140	155	672	180	114	1014	64
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	89	450	530	406	609	200	221	960	0	163	1449	91
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	291	764	341	459	1229	548	263	1733		310	1569	99
Arrive On Green	0.05	0.22	0.22	0.06	0.11	0.11	0.03	0.11	0.00	0.08	0.32	0.32
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	89	450	530	406	609	200	221	960	0	163	1004	536
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	3.9	11.4	21.5	16.5	16.1	11.7	8.1	17.8	0.0	6.0	28.5	28.5
Cycle Q Clear(g_c), s	3.9	11.4	21.5	16.5	16.1	11.7	8.1	17.8	0.0	6.0	28.5	28.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	291	764	341	459	1229	548	263	1733		310	1088	580
V/C Ratio(X)	0.31	0.59	1.56	0.88	0.50	0.36	0.84	0.55		0.53	0.92	0.92
Avail Cap(c_a), veh/h	311	764	341	460	1229	548	271	1733		371	1088	580
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.82	0.82	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.2	35.3	39.3	27.4	36.1	34.1	26.0	37.2	0.0	21.5	32.8	32.8
Incr Delay (d2), s/veh	0.6	1.2	263.9	18.1	0.3	0.4	17.0	1.1	0.0	1.4	14.1	22.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	4.9	33.0	10.0	7.6	4.9	4.7	8.2	0.0	2.5	13.2	15.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.8	36.5	303.1	45.5	36.4	34.5	43.0	38.3	0.0	22.9	47.0	55.5
LnGrp LOS	C	D	F	D	D	C	D	D		C	D	E
Approach Vol, veh/h		1069			1215			1181			1703	
Approach Delay, s/veh		168.0			39.1			39.2			47.3	
Approach LOS		F			D			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.6	38.4	23.0	26.0	14.6	36.5	9.9	39.1
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	8.0	19.8	18.5	23.5	10.1	30.5	5.9	18.1
Green Ext Time (p_c), s	0.1	4.6	0.0	0.0	0.0	0.8	0.0	4.1

Intersection Summary	
HCM 6th Ctrl Delay	68.5
HCM 6th LOS	E

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

07. 2028 Bkgd + HS AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	388	171	273	382	129	300	1191	260	80	500	25
Future Volume (veh/h)	36	388	171	273	382	129	300	1191	260	80	500	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	39	422	186	297	415	140	326	1295	0	87	543	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	245	513	229	369	958	427	571	2509		279	2030	100
Arrive On Green	0.03	0.14	0.14	0.16	0.27	0.27	0.12	0.49	0.00	0.04	0.41	0.41
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4944	244
Grp Volume(v), veh/h	39	422	186	297	415	140	326	1295	0	87	370	200
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	2.0	12.7	12.5	15.0	10.6	7.8	11.0	19.0	0.0	3.1	8.0	8.1
Cycle Q Clear(g_c), s	2.0	12.7	12.5	15.0	10.6	7.8	11.0	19.0	0.0	3.1	8.0	8.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	245	513	229	369	958	427	571	2509		279	1387	744
V/C Ratio(X)	0.16	0.82	0.81	0.81	0.43	0.33	0.57	0.52		0.31	0.27	0.27
Avail Cap(c_a), veh/h	278	598	267	421	1082	483	714	2509		403	1387	744
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.32	0.32	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	38.2	45.7	45.6	31.9	33.2	32.2	14.2	19.1	0.0	17.8	21.5	21.5
Incr Delay (d2), s/veh	0.3	8.0	15.3	9.8	0.3	0.4	0.3	0.2	0.0	0.6	0.5	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	6.0	5.8	7.2	4.5	3.0	4.2	7.1	0.0	1.3	3.1	3.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	38.5	53.7	60.9	41.7	33.5	32.6	14.5	19.3	0.0	18.4	21.9	22.4
LnGrp LOS	D	D	E	D	C	C	B	B		B	C	C
Approach Vol, veh/h		647			852			1621			657	
Approach Delay, s/veh		54.9			36.2			18.3			21.6	
Approach LOS		D			D			B			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.3	58.5	21.8	20.4	18.2	49.7	8.0	34.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	5.1	21.0	17.0	14.7	13.0	10.1	4.0	12.6
Green Ext Time (p_c), s	0.1	8.8	0.3	1.2	0.7	3.3	0.0	2.9

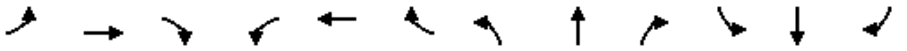
Intersection Summary	
HCM 6th Ctrl Delay	29.2
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

08. 2028 Bkgd + HS PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	64	328	383	290	443	146	159	694	181	118	1049	66
Future Volume (veh/h)	64	328	383	290	443	146	159	694	181	118	1049	66
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	91	469	547	414	633	209	227	991	0	169	1499	94
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	284	764	341	455	1226	547	261	1719		307	1556	98
Arrive On Green	0.05	0.22	0.22	0.06	0.11	0.11	0.03	0.11	0.00	0.08	0.32	0.32
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	91	469	547	414	633	209	227	991	0	169	1039	554
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	4.0	11.9	21.5	16.8	16.8	12.2	8.3	18.4	0.0	6.3	30.0	30.0
Cycle Q Clear(g_c), s	4.0	11.9	21.5	16.8	16.8	12.2	8.3	18.4	0.0	6.3	30.0	30.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	284	764	341	455	1226	547	261	1719		307	1079	575
V/C Ratio(X)	0.32	0.61	1.61	0.91	0.52	0.38	0.87	0.58		0.55	0.96	0.96
Avail Cap(c_a), veh/h	302	764	341	455	1226	547	264	1719		363	1079	575
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.82	0.82	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.2	35.5	39.3	27.6	36.4	34.4	26.1	37.7	0.0	21.8	33.6	33.6
Incr Delay (d2), s/veh	0.6	1.5	285.7	22.3	0.4	0.4	21.5	1.2	0.0	1.5	19.8	29.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	5.1	35.1	10.6	8.0	5.2	5.2	8.5	0.0	2.6	14.7	17.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.8	37.0	324.9	49.9	36.8	34.9	47.6	38.8	0.0	23.3	53.4	63.1
LnGrp LOS	C	D	F	D	D	C	D	D		C	D	E
Approach Vol, veh/h		1107			1256			1218			1762	
Approach Delay, s/veh		178.6			40.8			40.5			53.6	
Approach LOS		F			D			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.8	38.2	23.0	26.0	14.8	36.2	10.0	39.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	8.3	20.4	18.8	23.5	10.3	32.0	6.0	18.8
Green Ext Time (p_c), s	0.1	4.5	0.0	0.0	0.0	0.0	0.0	4.2

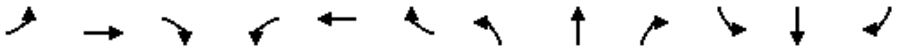
Intersection Summary	
HCM 6th Ctrl Delay	73.5
HCM 6th LOS	E

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

09. 2028 Bkgd + Full Site AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	443	171	339	431	228	300	1191	335	192	500	25
Future Volume (veh/h)	36	443	171	339	431	228	300	1191	335	192	500	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	39	482	186	368	468	248	326	1295	0	209	543	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	237	559	249	414	1103	492	540	2054		314	1785	88
Arrive On Green	0.03	0.16	0.16	0.18	0.31	0.31	0.13	0.40	0.00	0.09	0.36	0.36
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4944	244
Grp Volume(v), veh/h	39	482	186	368	468	248	326	1295	0	209	370	200
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	2.0	14.5	12.3	18.3	11.5	14.1	12.0	22.3	0.0	8.0	8.6	8.7
Cycle Q Clear(g_c), s	2.0	14.5	12.3	18.3	11.5	14.1	12.0	22.3	0.0	8.0	8.6	8.7
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	237	559	249	414	1103	492	540	2054		314	1219	654
V/C Ratio(X)	0.16	0.86	0.75	0.89	0.42	0.50	0.60	0.63		0.67	0.30	0.31
Avail Cap(c_a), veh/h	270	598	267	417	1103	492	667	2054		353	1219	654
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.24	0.24	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	37.0	45.2	44.3	30.0	30.1	31.0	16.9	26.3	0.0	21.5	25.2	25.2
Incr Delay (d2), s/veh	0.3	11.8	10.3	20.2	0.3	0.8	0.3	0.4	0.0	4.0	0.6	1.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	7.2	5.4	9.8	4.8	5.3	4.6	8.7	0.0	3.5	3.5	3.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	37.3	57.0	54.5	50.2	30.4	31.8	17.1	26.7	0.0	25.5	25.9	26.5
LnGrp LOS	D	E	D	D	C	C	B	C		C	C	C
Approach Vol, veh/h		707			1084			1621			779	
Approach Delay, s/veh		55.3			37.4			24.8			25.9	
Approach LOS		E			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	14.6	48.7	24.8	21.8	19.2	44.2	8.0	38.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	10.0	24.3	20.3	16.5	14.0	10.7	4.0	16.1
Green Ext Time (p_c), s	0.1	7.9	0.0	0.7	0.6	3.3	0.0	3.5

Intersection Summary	
HCM 6th Ctrl Delay	33.4
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

10. 2028 Bkgd + Full Site PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	64	366	383	340	480	221	159	694	231	194	1049	66
Future Volume (veh/h)	64	366	383	340	480	221	159	694	231	194	1049	66
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	91	523	547	486	686	316	227	991	0	277	1499	94
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	260	764	341	443	1226	547	263	1557		344	1549	97
Arrive On Green	0.05	0.22	0.22	0.06	0.11	0.11	0.03	0.10	0.00	0.12	0.32	0.32
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	91	523	547	486	686	316	227	991	0	277	1039	554
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	4.0	13.5	21.5	18.5	18.3	18.9	8.5	18.6	0.0	10.7	30.1	30.1
Cycle Q Clear(g_c), s	4.0	13.5	21.5	18.5	18.3	18.9	8.5	18.6	0.0	10.7	30.1	30.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	260	764	341	443	1226	547	263	1557		344	1074	573
V/C Ratio(X)	0.35	0.68	1.61	1.10	0.56	0.58	0.86	0.64		0.80	0.97	0.97
Avail Cap(c_a), veh/h	277	764	341	443	1226	547	264	1557		344	1074	573
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.80	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.3	36.1	39.3	29.3	37.1	37.4	26.5	39.6	0.0	23.1	33.7	33.7
Incr Delay (d2), s/veh	0.8	2.5	285.7	71.2	0.6	1.5	20.3	1.6	0.0	13.0	20.7	30.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	5.9	35.1	17.4	8.7	8.2	5.2	8.6	0.0	5.4	14.8	17.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.1	38.7	324.9	100.5	37.7	38.9	46.8	41.2	0.0	36.2	54.4	64.2
LnGrp LOS	C	D	F	F	D	D	D	D		D	D	E
Approach Vol, veh/h		1161			1488			1218			1870	
Approach Delay, s/veh		172.8			58.5			42.3			54.6	
Approach LOS		F			E			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	16.0	35.0	23.0	26.0	15.0	36.0	10.0	39.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	12.7	20.6	20.5	23.5	10.5	32.1	6.0	20.9
Green Ext Time (p_c), s	0.0	4.5	0.0	0.0	0.0	0.0	0.0	4.5

Intersection Summary	
HCM 6th Ctrl Delay	76.9
HCM 6th LOS	E

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

11. 2032 Bkgd AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	419	88	73	414	140	239	1117	81	84	351	27
Future Volume (veh/h)	39	419	88	73	414	140	239	1117	81	84	351	27
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	42	455	96	79	450	152	260	1214	0	91	382	29
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	164	536	239	179	601	268	713	3021		355	2650	199
Arrive On Green	0.03	0.15	0.15	0.05	0.17	0.17	0.08	0.59	0.00	0.04	0.55	0.55
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4807	360
Grp Volume(v), veh/h	42	455	96	79	450	152	260	1214	0	91	267	144
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1791
Q Serve(g_s), s	2.2	13.7	6.0	4.1	13.3	9.7	6.5	14.0	0.0	2.4	4.2	4.3
Cycle Q Clear(g_c), s	2.2	13.7	6.0	4.1	13.3	9.7	6.5	14.0	0.0	2.4	4.2	4.3
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.20
Lane Grp Cap(c), veh/h	164	536	239	179	601	268	713	3021		355	1861	987
V/C Ratio(X)	0.26	0.85	0.40	0.44	0.75	0.57	0.36	0.40		0.26	0.14	0.15
Avail Cap(c_a), veh/h	194	598	267	420	1082	483	929	3021		481	1861	987
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.90	0.90	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	38.1	45.5	42.2	37.6	43.5	42.0	8.0	12.0	0.0	10.1	12.0	12.0
Incr Delay (d2), s/veh	0.8	10.3	1.1	1.7	1.9	1.9	0.3	0.4	0.0	0.4	0.2	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.0	6.7	2.4	1.8	5.8	3.8	2.3	5.0	0.0	0.9	1.5	1.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	39.0	55.8	43.3	39.3	45.4	43.9	8.3	12.4	0.0	10.5	12.2	12.4
LnGrp LOS	D	E	D	D	D	D	A	B		B	B	B
Approach Vol, veh/h		593			681			1474			502	
Approach Delay, s/veh		52.6			44.3			11.7			11.9	
Approach LOS		D			D			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.2	69.6	10.1	21.1	13.6	65.1	8.1	23.1
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	4.4	16.0	6.1	15.7	8.5	6.3	4.2	15.3
Green Ext Time (p_c), s	0.1	9.1	0.1	0.9	0.6	2.4	0.0	3.1

Intersection Summary	
HCM 6th Ctrl Delay	26.0
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

12. 2032 Bkgd PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	69	355	344	151	479	158	102	609	31	125	997	72
Future Volume (veh/h)	69	355	344	151	479	158	102	609	31	125	997	72
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	99	507	491	216	684	226	146	870	0	179	1424	103
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	226	764	341	320	954	426	254	2118		375	2073	150
Arrive On Green	0.06	0.22	0.22	0.04	0.09	0.09	0.02	0.14	0.00	0.08	0.43	0.43
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4860	351
Grp Volume(v), veh/h	99	507	491	216	684	226	146	870	0	179	997	530
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	4.3	13.1	21.5	8.9	18.7	13.6	4.6	15.6	0.0	5.7	23.8	23.8
Cycle Q Clear(g_c), s	4.3	13.1	21.5	8.9	18.7	13.6	4.6	15.6	0.0	5.7	23.8	23.8
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	226	764	341	320	954	426	254	2118		375	1452	771
V/C Ratio(X)	0.44	0.66	1.44	0.67	0.72	0.53	0.58	0.41		0.48	0.69	0.69
Avail Cap(c_a), veh/h	236	764	341	449	1190	531	323	2118		442	1452	771
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.98	0.98	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.0	35.9	39.3	28.3	41.9	39.6	20.2	32.0	0.0	16.0	23.3	23.3
Incr Delay (d2), s/veh	1.3	2.2	214.3	2.5	1.6	1.0	2.0	0.6	0.0	0.9	2.7	4.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	5.7	28.3	4.2	9.1	5.9	2.0	7.1	0.0	2.2	9.4	10.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.3	38.1	253.6	30.8	43.4	40.6	22.2	32.6	0.0	16.9	25.9	28.2
LnGrp LOS	C	D	F	C	D	D	C	C		B	C	C
Approach Vol, veh/h		1097			1126			1016			1706	
Approach Delay, s/veh		133.8			40.4			31.1			25.7	
Approach LOS		F			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.3	46.0	15.8	26.0	11.1	47.2	10.4	31.3
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	7.7	17.6	10.9	23.5	6.6	25.8	6.3	20.7
Green Ext Time (p_c), s	0.2	4.6	0.3	0.0	0.1	4.1	0.0	4.2

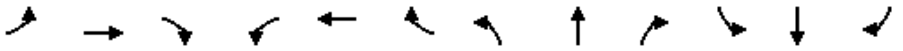
Intersection Summary	
HCM 6th Ctrl Delay	54.1
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

13. 2032 Bkgd + Full Site AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	475	178	344	463	239	318	1276	341	198	527	27
Future Volume (veh/h)	39	475	178	344	463	239	318	1276	341	198	527	27
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	42	516	193	374	503	260	346	1387	0	215	573	29
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	239	582	259	413	1126	502	530	1994		300	1695	85
Arrive On Green	0.03	0.16	0.16	0.19	0.32	0.32	0.14	0.39	0.00	0.10	0.34	0.34
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4939	249
Grp Volume(v), veh/h	42	516	193	374	503	260	346	1387	0	215	391	211
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1811
Q Serve(g_s), s	2.1	15.6	12.8	18.5	12.4	14.7	13.1	25.0	0.0	8.5	9.5	9.5
Cycle Q Clear(g_c), s	2.1	15.6	12.8	18.5	12.4	14.7	13.1	25.0	0.0	8.5	9.5	9.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.14
Lane Grp Cap(c), veh/h	239	582	259	413	1126	502	530	1994		300	1159	621
V/C Ratio(X)	0.18	0.89	0.74	0.91	0.45	0.52	0.65	0.70		0.72	0.34	0.34
Avail Cap(c_a), veh/h	270	598	267	413	1126	502	639	1994		331	1159	621
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.10	0.10	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	36.4	45.0	43.8	29.6	29.9	30.7	17.8	28.1	0.0	23.5	26.8	26.9
Incr Delay (d2), s/veh	0.3	14.8	10.5	23.0	0.3	0.9	0.2	0.2	0.0	6.5	0.8	1.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	7.9	5.6	10.2	5.2	5.6	5.1	9.7	0.0	3.9	3.8	4.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	36.7	59.8	54.3	52.6	30.2	31.6	18.0	28.3	0.0	30.0	27.6	28.3
LnGrp LOS	D	E	D	D	C	C	B	C		C	C	C
Approach Vol, veh/h		751			1137			1733			817	
Approach Delay, s/veh		57.1			37.9			26.2			28.4	
Approach LOS		E			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.1	47.4	25.0	22.5	20.3	42.3	8.1	39.4
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	10.5	27.0	20.5	17.6	15.1	11.5	4.1	16.7
Green Ext Time (p_c), s	0.1	7.6	0.0	0.4	0.6	3.4	0.0	3.7

Intersection Summary	
HCM 6th Ctrl Delay	34.8
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 2 - Optimize Timing

14. 2032 Bkgd + Full Site PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	69	393	410	351	517	233	167	740	234	203	1125	72
Future Volume (veh/h)	69	393	410	351	517	233	167	740	234	203	1125	72
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	99	561	586	501	739	333	239	1057	0	290	1607	103
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	251	764	341	435	1212	540	259	1557		333	1545	99
Arrive On Green	0.06	0.22	0.22	0.06	0.11	0.11	0.03	0.10	0.00	0.12	0.31	0.31
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4904	314
Grp Volume(v), veh/h	99	561	586	501	739	333	239	1057	0	290	1115	595
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1814
Q Serve(g_s), s	4.3	14.7	21.5	18.5	19.8	20.0	9.3	20.0	0.0	11.3	31.5	31.5
Cycle Q Clear(g_c), s	4.3	14.7	21.5	18.5	19.8	20.0	9.3	20.0	0.0	11.3	31.5	31.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	251	764	341	435	1212	540	259	1557		333	1072	571
V/C Ratio(X)	0.39	0.73	1.72	1.15	0.61	0.62	0.92	0.68		0.87	1.04	1.04
Avail Cap(c_a), veh/h	261	764	341	435	1212	540	259	1557		333	1072	571
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.77	0.77	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.2	36.6	39.3	30.4	38.0	38.1	28.5	40.2	0.0	23.7	34.3	34.3
Incr Delay (d2), s/veh	1.0	3.7	336.0	91.9	0.9	2.1	30.1	1.9	0.0	21.3	38.5	48.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	6.5	39.8	19.7	9.5	8.7	6.3	9.3	0.0	6.4	18.0	20.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.2	40.3	375.2	122.3	38.9	40.2	58.6	42.1	0.0	45.0	72.7	83.0
LnGrp LOS	C	D	F	F	D	D	E	D		D	F	F
Approach Vol, veh/h		1246			1573			1296			2000	
Approach Delay, s/veh		196.9			65.8			45.1			71.7	
Approach LOS		F			E			D			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	16.0	35.0	23.0	26.0	15.0	36.0	10.4	38.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	13.3	22.0	20.5	23.5	11.3	33.5	6.3	22.0
Green Ext Time (p_c), s	0.0	4.3	0.0	0.0	0.0	0.0	0.0	4.6

Intersection Summary	
HCM 6th Ctrl Delay	90.1
HCM 6th LOS	F

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

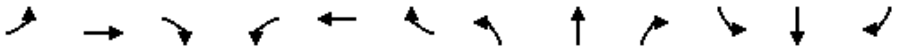
Appendix E.5
Synchro Analysis Results

Mitigation Option 3 (Rt Overlaps) Scenarios:

1. 2023 Existing AM
2. 2023 Existing PM
3. 2026 Bkgd AM
4. 2026 Bkgd PM
5. 2026 Bkgd + HS AM
6. 2026 Bkgd + HS PM
7. 2028 Bkgd + HS AM
8. 2028 Bkgd + HS PM
9. 2028 Bkgd + Full Site AM
10. 2028 Bkgd + Full Site PM
11. 2032 Bkgd AM
12. 2032 Bkgd PM
13. 2032 Bkgd + Full Site AM
14. 2032 Bkgd + Full Site PM

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

01. 2023 Existing AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	33	351	74	61	346	117	200	935	68	70	294	23
Future Volume (veh/h)	33	351	74	61	346	117	200	935	68	70	294	23
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	36	382	80	66	376	127	217	1016	0	76	320	25
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	160	473	320	170	521	297	769	3157		429	2831	218
Arrive On Green	0.03	0.13	0.13	0.04	0.15	0.15	0.07	0.62	0.00	0.04	0.59	0.59
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4797	369
Grp Volume(v), veh/h	36	382	80	66	376	127	217	1016	0	76	224	121
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1789
Q Serve(g_s), s	1.9	11.5	4.7	3.5	11.1	7.8	5.1	10.4	0.0	1.8	3.2	3.3
Cycle Q Clear(g_c), s	1.9	11.5	4.7	3.5	11.1	7.8	5.1	10.4	0.0	1.8	3.2	3.3
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.21
Lane Grp Cap(c), veh/h	160	473	320	170	521	297	769	3157		429	1993	1056
V/C Ratio(X)	0.22	0.81	0.25	0.39	0.72	0.43	0.28	0.32		0.18	0.11	0.11
Avail Cap(c_a), veh/h	195	598	376	424	1082	548	1010	3157		558	1993	1056
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.94	0.94	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	39.7	46.3	36.9	39.3	44.8	39.5	7.1	10.0	0.0	8.1	9.9	9.9
Incr Delay (d2), s/veh	0.7	6.5	0.4	1.4	1.9	1.0	0.2	0.3	0.0	0.2	0.1	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.8	5.4	1.8	1.6	4.9	3.0	1.7	3.6	0.0	0.6	1.1	1.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	40.4	52.8	37.3	40.8	46.7	40.4	7.3	10.3	0.0	8.3	10.0	10.1
LnGrp LOS	D	D	D	D	D	D	A	B		A	B	B
Approach Vol, veh/h		498			569			1233			421	
Approach Delay, s/veh		49.4			44.6			9.7			9.7	
Approach LOS		D			D			A			A	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.0	72.5	9.3	19.1	12.1	69.4	7.8	20.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	3.8	12.4	5.5	13.5	7.1	5.3	3.9	13.1
Green Ext Time (p_c), s	0.1	7.6	0.1	1.1	0.5	2.0	0.0	2.6

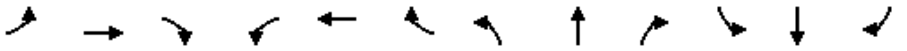
Intersection Summary	
HCM 6th Ctrl Delay	24.3
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

02. 2023 Existing PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	58	297	288	126	401	132	85	510	26	105	834	60
Future Volume (veh/h)	58	297	288	126	401	132	85	510	26	105	834	60
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	83	424	411	180	573	189	121	729	0	150	1191	86
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	236	764	429	317	929	519	290	2258		417	2199	159
Arrive On Green	0.05	0.22	0.22	0.03	0.09	0.09	0.02	0.15	0.00	0.07	0.45	0.45
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4860	351
Grp Volume(v), veh/h	83	424	411	180	573	189	121	729	0	150	834	443
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	3.6	10.6	21.5	7.5	15.6	10.3	3.6	12.8	0.0	4.5	17.8	17.8
Cycle Q Clear(g_c), s	3.6	10.6	21.5	7.5	15.6	10.3	3.6	12.8	0.0	4.5	17.8	17.8
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	236	764	429	317	929	519	290	2258		417	1540	818
V/C Ratio(X)	0.35	0.55	0.96	0.57	0.62	0.36	0.42	0.32		0.36	0.54	0.54
Avail Cap(c_a), veh/h	261	764	429	473	1190	635	378	2258		505	1540	818
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.0	35.0	35.9	27.8	40.8	32.3	16.1	29.3	0.0	14.3	19.9	19.9
Incr Delay (d2), s/veh	0.9	0.9	33.0	1.6	0.7	0.4	1.0	0.4	0.0	0.5	1.4	2.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.5	4.5	13.3	3.4	7.4	4.3	1.5	5.8	0.0	1.7	6.8	7.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.9	35.9	68.9	29.4	41.5	32.7	17.1	29.7	0.0	14.8	21.2	22.4
LnGrp LOS	C	D	E	C	D	C	B	C		B	C	C
Approach Vol, veh/h		918			942			850			1427	
Approach Delay, s/veh		50.1			37.4			27.9			20.9	
Approach LOS		D			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.1	48.7	14.2	26.0	10.0	49.7	9.6	30.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	6.5	14.8	9.5	23.5	5.6	19.8	5.6	17.6
Green Ext Time (p_c), s	0.1	4.2	0.3	0.0	0.1	6.1	0.0	3.8

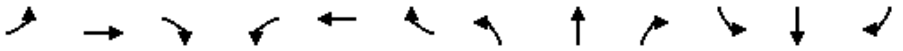
Intersection Summary	
HCM 6th Ctrl Delay	32.6
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

03. 2026 Bkgd AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	372	79	65	367	124	212	992	72	74	312	24
Future Volume (veh/h)	35	372	79	65	367	124	212	992	72	74	312	24
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	38	404	86	71	399	135	230	1078	0	80	339	26
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	162	493	336	175	548	310	750	3111		404	2774	210
Arrive On Green	0.03	0.14	0.14	0.05	0.15	0.15	0.07	0.61	0.00	0.04	0.58	0.58
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4804	363
Grp Volume(v), veh/h	38	404	86	71	399	135	230	1078	0	80	237	128
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1790
Q Serve(g_s), s	2.0	12.2	5.0	3.7	11.8	8.2	5.5	11.5	0.0	2.0	3.5	3.6
Cycle Q Clear(g_c), s	2.0	12.2	5.0	3.7	11.8	8.2	5.5	11.5	0.0	2.0	3.5	3.6
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.20
Lane Grp Cap(c), veh/h	162	493	336	175	548	310	750	3111		404	1950	1034
V/C Ratio(X)	0.23	0.82	0.26	0.41	0.73	0.43	0.31	0.35		0.20	0.12	0.12
Avail Cap(c_a), veh/h	196	598	383	423	1082	549	984	3111		532	1950	1034
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.93	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	39.2	46.0	36.1	38.7	44.3	38.9	7.4	10.6	0.0	8.7	10.6	10.6
Incr Delay (d2), s/veh	0.7	7.5	0.4	1.5	1.9	1.0	0.2	0.3	0.0	0.2	0.1	0.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	5.7	1.9	1.7	5.2	3.2	1.9	4.0	0.0	0.7	1.3	1.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	39.9	53.6	36.5	40.2	46.2	39.8	7.6	10.9	0.0	8.9	10.7	10.8
LnGrp LOS	D	D	D	D	D	D	A	B		A	B	B
Approach Vol, veh/h		528			605			1308			445	
Approach Delay, s/veh		49.8			44.1			10.3			10.4	
Approach LOS		D			D			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.1	71.5	9.7	19.7	12.6	68.0	7.9	21.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	4.0	13.5	5.7	14.2	7.5	5.6	4.0	13.8
Green Ext Time (p_c), s	0.1	8.1	0.1	1.1	0.5	2.1	0.0	2.8

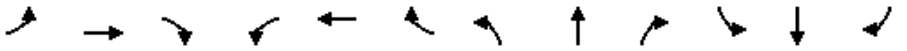
Intersection Summary	
HCM 6th Ctrl Delay	24.6
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

04. 2026 Bkgd PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	62	315	306	134	426	140	90	541	28	111	885	64
Future Volume (veh/h)	62	315	306	134	426	140	90	541	28	111	885	64
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	89	450	437	191	609	200	129	773	0	159	1264	91
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	232	764	434	317	935	527	277	2214		403	2160	156
Arrive On Green	0.05	0.22	0.22	0.03	0.09	0.09	0.02	0.14	0.00	0.07	0.44	0.44
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4861	350
Grp Volume(v), veh/h	89	450	437	191	609	200	129	773	0	159	885	470
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	3.9	11.4	21.5	7.9	16.6	10.9	3.9	13.7	0.0	4.9	19.5	19.5
Cycle Q Clear(g_c), s	3.9	11.4	21.5	7.9	16.6	10.9	3.9	13.7	0.0	4.9	19.5	19.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	232	764	434	317	935	527	277	2214		403	1513	803
V/C Ratio(X)	0.38	0.59	1.01	0.60	0.65	0.38	0.47	0.35		0.39	0.59	0.59
Avail Cap(c_a), veh/h	252	764	434	465	1190	641	359	2214		484	1513	803
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.9	35.3	36.3	27.9	41.2	32.1	17.1	30.1	0.0	14.8	20.9	20.9
Incr Delay (d2), s/veh	1.0	1.2	45.1	1.8	0.8	0.5	1.2	0.4	0.0	0.6	1.7	3.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	4.9	15.5	3.7	7.9	4.5	1.7	6.3	0.0	1.9	7.6	8.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.0	36.5	81.4	29.8	42.1	32.6	18.3	30.5	0.0	15.4	22.5	24.0
LnGrp LOS	C	D	F	C	D	C	B	C		B	C	C
Approach Vol, veh/h		976			1000			902			1514	
Approach Delay, s/veh		56.0			37.8			28.8			22.2	
Approach LOS		E			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.4	47.9	14.7	26.0	10.4	48.9	9.9	30.8
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	6.9	15.7	9.9	23.5	5.9	21.5	5.9	18.6
Green Ext Time (p_c), s	0.2	4.4	0.3	0.0	0.1	5.8	0.0	4.0

Intersection Summary	
HCM 6th Ctrl Delay	34.6
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

05. 2026 Bkgd + HS AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	372	168	270	367	124	292	1151	257	77	488	24
Future Volume (veh/h)	35	372	168	270	367	124	292	1151	257	77	488	24
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	38	404	183	293	399	135	317	1251	0	84	530	26
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	243	497	412	368	941	486	578	2545		289	2081	101
Arrive On Green	0.03	0.14	0.14	0.16	0.26	0.26	0.12	0.50	0.00	0.04	0.42	0.42
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4948	241
Grp Volume(v), veh/h	38	404	183	293	399	135	317	1251	0	84	361	195
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	2.0	12.1	10.6	14.9	10.2	7.1	10.5	17.9	0.0	2.9	7.6	7.7
Cycle Q Clear(g_c), s	2.0	12.1	10.6	14.9	10.2	7.1	10.5	17.9	0.0	2.9	7.6	7.7
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	243	497	412	368	941	486	578	2545		289	1420	762
V/C Ratio(X)	0.16	0.81	0.44	0.80	0.42	0.28	0.55	0.49		0.29	0.25	0.26
Avail Cap(c_a), veh/h	276	598	457	422	1082	549	729	2545		417	1420	762
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.37	0.37	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	38.6	45.9	34.1	32.2	33.5	28.9	13.7	18.3	0.0	17.2	20.7	20.7
Incr Delay (d2), s/veh	0.3	7.1	0.8	9.1	0.3	0.3	0.3	0.3	0.0	0.5	0.4	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	5.7	4.1	7.1	4.3	2.7	4.0	6.7	0.0	1.2	3.0	3.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	38.9	53.0	34.8	41.3	33.8	29.2	14.0	18.6	0.0	17.7	21.1	21.5
LnGrp LOS	D	D	C	D	C	C	B	B		B	C	C
Approach Vol, veh/h		625			827			1568			640	
Approach Delay, s/veh		46.8			35.7			17.7			20.8	
Approach LOS		D			D			B			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.1	59.3	21.7	19.9	17.7	50.8	7.9	33.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	4.9	19.9	16.9	14.1	12.5	9.7	4.0	12.2
Green Ext Time (p_c), s	0.1	8.7	0.3	1.3	0.7	3.2	0.0	2.8

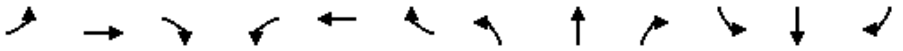
Intersection Summary	
HCM 6th Ctrl Delay	27.3
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

06. 2026 Bkgd + HS PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	62	315	371	284	426	140	155	672	180	114	1014	64
Future Volume (veh/h)	62	315	371	284	426	140	155	672	180	114	1014	64
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	89	450	530	406	609	200	221	960	0	163	1449	91
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	291	764	500	459	1229	676	263	1733		310	1569	99
Arrive On Green	0.05	0.22	0.22	0.06	0.11	0.11	0.03	0.11	0.00	0.08	0.32	0.32
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	89	450	530	406	609	200	221	960	0	163	1004	536
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	3.9	11.4	21.5	16.5	16.1	10.2	8.1	17.8	0.0	6.0	28.5	28.5
Cycle Q Clear(g_c), s	3.9	11.4	21.5	16.5	16.1	10.2	8.1	17.8	0.0	6.0	28.5	28.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	291	764	500	459	1229	676	263	1733		310	1088	580
V/C Ratio(X)	0.31	0.59	1.06	0.88	0.50	0.30	0.84	0.55		0.53	0.92	0.92
Avail Cap(c_a), veh/h	311	764	500	460	1229	676	271	1733		371	1088	580
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.82	0.82	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.2	35.3	34.2	27.4	36.1	26.2	26.0	37.2	0.0	21.5	32.8	32.8
Incr Delay (d2), s/veh	0.6	1.2	56.8	18.1	0.3	0.2	17.0	1.1	0.0	1.4	14.1	22.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	4.9	19.4	10.0	7.6	4.2	4.7	8.2	0.0	2.5	13.2	15.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.8	36.5	91.0	45.5	36.4	26.5	43.0	38.3	0.0	22.9	47.0	55.5
LnGrp LOS	C	D	F	D	D	C	D	D		C	D	E
Approach Vol, veh/h		1069			1215			1181			1703	
Approach Delay, s/veh		62.9			37.8			39.2			47.3	
Approach LOS		E			D			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.6	38.4	23.0	26.0	14.6	36.5	9.9	39.1
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	8.0	19.8	18.5	23.5	10.1	30.5	5.9	18.1
Green Ext Time (p_c), s	0.1	4.6	0.0	0.0	0.0	0.8	0.0	4.1

Intersection Summary	
HCM 6th Ctrl Delay	46.4
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

07. 2028 Bkgd + HS AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	388	171	273	382	129	300	1191	260	80	500	25
Future Volume (veh/h)	36	388	171	273	382	129	300	1191	260	80	500	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	39	422	186	297	415	140	326	1295	0	87	543	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	245	513	426	369	958	497	571	2509		279	2030	100
Arrive On Green	0.03	0.14	0.14	0.16	0.27	0.27	0.12	0.49	0.00	0.04	0.41	0.41
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4944	244
Grp Volume(v), veh/h	39	422	186	297	415	140	326	1295	0	87	370	200
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	2.0	12.7	10.7	15.0	10.6	7.3	11.0	19.0	0.0	3.1	8.0	8.1
Cycle Q Clear(g_c), s	2.0	12.7	10.7	15.0	10.6	7.3	11.0	19.0	0.0	3.1	8.0	8.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	245	513	426	369	958	497	571	2509		279	1387	744
V/C Ratio(X)	0.16	0.82	0.44	0.81	0.43	0.28	0.57	0.52		0.31	0.27	0.27
Avail Cap(c_a), veh/h	278	598	464	421	1082	552	714	2509		403	1387	744
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.32	0.32	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	38.2	45.7	33.3	31.9	33.2	28.4	14.2	19.1	0.0	17.8	21.5	21.5
Incr Delay (d2), s/veh	0.3	8.0	0.7	9.8	0.3	0.3	0.3	0.2	0.0	0.6	0.5	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	6.0	4.1	7.2	4.5	2.8	4.2	7.1	0.0	1.3	3.1	3.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	38.5	53.7	34.0	41.7	33.5	28.7	14.5	19.3	0.0	18.4	21.9	22.4
LnGrp LOS	D	D	C	D	C	C	B	B		B	C	C
Approach Vol, veh/h		647			852			1621			657	
Approach Delay, s/veh		47.1			35.6			18.3			21.6	
Approach LOS		D			D			B			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.3	58.5	21.8	20.4	18.2	49.7	8.0	34.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	5.1	21.0	17.0	14.7	13.0	10.1	4.0	12.6
Green Ext Time (p_c), s	0.1	8.8	0.3	1.2	0.7	3.3	0.0	2.9

Intersection Summary	
HCM 6th Ctrl Delay	27.7
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

08. 2028 Bkgd + HS PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	64	328	383	290	443	146	159	694	181	118	1049	66
Future Volume (veh/h)	64	328	383	290	443	146	159	694	181	118	1049	66
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	91	469	547	414	633	209	227	991	0	169	1499	94
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	284	764	504	455	1226	679	261	1719		307	1556	98
Arrive On Green	0.05	0.22	0.22	0.06	0.11	0.11	0.03	0.11	0.00	0.08	0.32	0.32
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	91	469	547	414	633	209	227	991	0	169	1039	554
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	4.0	11.9	21.5	16.8	16.8	10.7	8.3	18.4	0.0	6.3	30.0	30.0
Cycle Q Clear(g_c), s	4.0	11.9	21.5	16.8	16.8	10.7	8.3	18.4	0.0	6.3	30.0	30.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	284	764	504	455	1226	679	261	1719		307	1079	575
V/C Ratio(X)	0.32	0.61	1.08	0.91	0.52	0.31	0.87	0.58		0.55	0.96	0.96
Avail Cap(c_a), veh/h	302	764	504	455	1226	679	264	1719		363	1079	575
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.82	0.82	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.2	35.5	34.1	27.6	36.4	26.2	26.1	37.7	0.0	21.8	33.6	33.6
Incr Delay (d2), s/veh	0.6	1.5	65.0	22.3	0.4	0.3	21.5	1.2	0.0	1.5	19.8	29.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	5.1	20.6	10.6	8.0	4.4	5.2	8.5	0.0	2.6	14.7	17.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.8	37.0	99.1	49.9	36.8	26.5	47.6	38.8	0.0	23.3	53.4	63.1
LnGrp LOS	C	D	F	D	D	C	D	D		C	D	E
Approach Vol, veh/h		1107			1256			1218			1762	
Approach Delay, s/veh		67.0			39.4			40.5			53.6	
Approach LOS		E			D			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.8	38.2	23.0	26.0	14.8	36.2	10.0	39.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	8.3	20.4	18.8	23.5	10.3	32.0	6.0	18.8
Green Ext Time (p_c), s	0.1	4.5	0.0	0.0	0.0	0.0	0.0	4.2

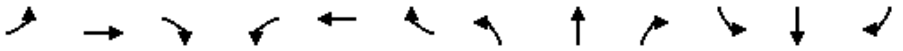
Intersection Summary	
HCM 6th Ctrl Delay	50.0
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

09. 2028 Bkgd + Full Site AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	443	171	339	431	228	300	1191	335	192	500	25
Future Volume (veh/h)	36	443	171	339	431	228	300	1191	335	192	500	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	39	482	186	368	468	248	326	1295	0	209	543	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	237	559	460	414	1103	638	540	2054		314	1785	88
Arrive On Green	0.03	0.16	0.16	0.18	0.31	0.31	0.13	0.40	0.00	0.09	0.36	0.36
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4944	244
Grp Volume(v), veh/h	39	482	186	368	468	248	326	1295	0	209	370	200
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	2.0	14.5	10.4	18.3	11.5	12.2	12.0	22.3	0.0	8.0	8.6	8.7
Cycle Q Clear(g_c), s	2.0	14.5	10.4	18.3	11.5	12.2	12.0	22.3	0.0	8.0	8.6	8.7
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	237	559	460	414	1103	638	540	2054		314	1219	654
V/C Ratio(X)	0.16	0.86	0.40	0.89	0.42	0.39	0.60	0.63		0.67	0.30	0.31
Avail Cap(c_a), veh/h	270	598	478	417	1103	638	667	2054		353	1219	654
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.24	0.24	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	37.0	45.2	31.4	30.0	30.1	23.3	16.9	26.3	0.0	21.5	25.2	25.2
Incr Delay (d2), s/veh	0.3	11.8	0.6	20.2	0.3	0.4	0.3	0.4	0.0	4.0	0.6	1.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	7.2	3.9	9.8	4.8	4.5	4.6	8.7	0.0	3.5	3.5	3.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	37.3	57.0	31.9	50.2	30.4	23.7	17.1	26.7	0.0	25.5	25.9	26.5
LnGrp LOS	D	E	C	D	C	C	B	C		C	C	C
Approach Vol, veh/h		707			1084			1621			779	
Approach Delay, s/veh		49.4			35.6			24.8			25.9	
Approach LOS		D			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	14.6	48.7	24.8	21.8	19.2	44.2	8.0	38.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	10.0	24.3	20.3	16.5	14.0	10.7	4.0	14.2
Green Ext Time (p_c), s	0.1	7.9	0.0	0.7	0.6	3.3	0.0	3.6

Intersection Summary	
HCM 6th Ctrl Delay	31.9
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

10. 2028 Bkgd + Full Site PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	64	366	383	340	480	221	159	694	231	194	1049	66
Future Volume (veh/h)	64	366	383	340	480	221	159	694	231	194	1049	66
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	91	523	547	486	686	316	227	991	0	277	1499	94
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	260	764	506	443	1226	729	263	1557		344	1549	97
Arrive On Green	0.05	0.22	0.22	0.06	0.11	0.11	0.03	0.10	0.00	0.12	0.32	0.32
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	91	523	547	486	686	316	227	991	0	277	1039	554
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	4.0	13.5	21.5	18.5	18.3	15.6	8.5	18.6	0.0	10.7	30.1	30.1
Cycle Q Clear(g_c), s	4.0	13.5	21.5	18.5	18.3	15.6	8.5	18.6	0.0	10.7	30.1	30.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	260	764	506	443	1226	729	263	1557		344	1074	573
V/C Ratio(X)	0.35	0.68	1.08	1.10	0.56	0.43	0.86	0.64		0.80	0.97	0.97
Avail Cap(c_a), veh/h	277	764	506	443	1226	729	264	1557		344	1074	573
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.80	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.3	36.1	34.0	29.3	37.1	25.4	26.5	39.6	0.0	23.1	33.7	33.7
Incr Delay (d2), s/veh	0.8	2.5	63.3	71.2	0.6	0.4	20.3	1.6	0.0	13.0	20.7	30.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	5.9	20.5	17.4	8.7	6.6	5.2	8.6	0.0	5.4	14.8	17.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.1	38.7	97.3	100.5	37.7	25.8	46.8	41.2	0.0	36.2	54.4	64.2
LnGrp LOS	C	D	F	F	D	C	D	D		D	D	E
Approach Vol, veh/h		1161			1488			1218			1870	
Approach Delay, s/veh		65.6			55.7			42.3			54.6	
Approach LOS		E			E			D			D	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	16.0	35.0	23.0	26.0	15.0	36.0	10.0	39.0
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	12.7	20.6	20.5	23.5	10.5	32.1	6.0	20.3
Green Ext Time (p_c), s	0.0	4.5	0.0	0.0	0.0	0.0	0.0	4.6

Intersection Summary	
HCM 6th Ctrl Delay	54.5
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

11. 2032 Bkgd AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	419	88	73	414	140	239	1117	81	84	351	27
Future Volume (veh/h)	39	419	88	73	414	140	239	1117	81	84	351	27
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	42	455	96	79	450	152	260	1214	0	91	382	29
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	164	536	371	179	601	336	713	3021		355	2650	199
Arrive On Green	0.03	0.15	0.15	0.05	0.17	0.17	0.08	0.59	0.00	0.04	0.55	0.55
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4807	360
Grp Volume(v), veh/h	42	455	96	79	450	152	260	1214	0	91	267	144
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1791
Q Serve(g_s), s	2.2	13.7	5.4	4.1	13.3	9.2	6.5	14.0	0.0	2.4	4.2	4.3
Cycle Q Clear(g_c), s	2.2	13.7	5.4	4.1	13.3	9.2	6.5	14.0	0.0	2.4	4.2	4.3
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.20
Lane Grp Cap(c), veh/h	164	536	371	179	601	336	713	3021		355	1861	987
V/C Ratio(X)	0.26	0.85	0.26	0.44	0.75	0.45	0.36	0.40		0.26	0.14	0.15
Avail Cap(c_a), veh/h	194	598	398	420	1082	550	929	3021		481	1861	987
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.90	0.90	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	38.1	45.5	34.4	37.6	43.5	37.8	8.0	12.0	0.0	10.1	12.0	12.0
Incr Delay (d2), s/veh	0.8	10.3	0.4	1.7	1.9	1.0	0.3	0.4	0.0	0.4	0.2	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.0	6.7	2.1	1.8	5.8	3.6	2.3	5.0	0.0	0.9	1.5	1.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	39.0	55.8	34.7	39.3	45.4	38.7	8.3	12.4	0.0	10.5	12.2	12.4
LnGrp LOS	D	E	C	D	D	D	A	B		B	B	B
Approach Vol, veh/h		593			681			1474			502	
Approach Delay, s/veh		51.2			43.2			11.7			11.9	
Approach LOS		D			D			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.2	69.6	10.1	21.1	13.6	65.1	8.1	23.1
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	4.4	16.0	6.1	15.7	8.5	6.3	4.2	15.3
Green Ext Time (p_c), s	0.1	9.1	0.1	0.9	0.6	2.4	0.0	3.1

Intersection Summary	
HCM 6th Ctrl Delay	25.5
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

12. 2032 Bkgd PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	69	355	344	151	479	158	102	609	31	125	997	72
Future Volume (veh/h)	69	355	344	151	479	158	102	609	31	125	997	72
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	99	507	491	216	684	226	146	870	0	179	1424	103
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	226	764	445	320	954	549	254	2118		375	2073	150
Arrive On Green	0.06	0.22	0.22	0.04	0.09	0.09	0.02	0.14	0.00	0.08	0.43	0.43
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4860	351
Grp Volume(v), veh/h	99	507	491	216	684	226	146	870	0	179	997	530
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	4.3	13.1	21.5	8.9	18.7	12.2	4.6	15.6	0.0	5.7	23.8	23.8
Cycle Q Clear(g_c), s	4.3	13.1	21.5	8.9	18.7	12.2	4.6	15.6	0.0	5.7	23.8	23.8
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	226	764	445	320	954	549	254	2118		375	1452	771
V/C Ratio(X)	0.44	0.66	1.10	0.67	0.72	0.41	0.58	0.41		0.48	0.69	0.69
Avail Cap(c_a), veh/h	236	764	445	449	1190	654	323	2118		442	1452	771
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.98	0.98	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.0	35.9	36.0	28.3	41.9	31.6	20.2	32.0	0.0	16.0	23.3	23.3
Incr Delay (d2), s/veh	1.3	2.2	73.6	2.5	1.6	0.5	2.0	0.6	0.0	0.9	2.7	4.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	5.7	19.4	4.2	9.1	5.1	2.0	7.1	0.0	2.2	9.4	10.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.3	38.1	109.6	30.8	43.4	32.1	22.2	32.6	0.0	16.9	25.9	28.2
LnGrp LOS	C	D	F	C	D	C	C	C		B	C	C
Approach Vol, veh/h		1097			1126			1016			1706	
Approach Delay, s/veh		69.4			38.7			31.1			25.7	
Approach LOS		E			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.3	46.0	15.8	26.0	11.1	47.2	10.4	31.3
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	7.7	17.6	10.9	23.5	6.6	25.8	6.3	20.7
Green Ext Time (p_c), s	0.2	4.6	0.3	0.0	0.1	4.1	0.0	4.2

Intersection Summary	
HCM 6th Ctrl Delay	39.5
HCM 6th LOS	D

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

13. 2032 Bkgd + Full Site AM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	475	178	344	463	239	318	1276	341	198	527	27
Future Volume (veh/h)	39	475	178	344	463	239	318	1276	341	198	527	27
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	42	516	193	374	503	260	346	1387	0	215	573	29
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	239	582	487	413	1126	655	530	1994		300	1695	85
Arrive On Green	0.03	0.16	0.16	0.19	0.32	0.32	0.14	0.39	0.00	0.10	0.34	0.34
Sat Flow, veh/h	1781	3554	1585	1781	3554	1585	1781	5274	0	1781	4939	249
Grp Volume(v), veh/h	42	516	193	374	503	260	346	1387	0	215	391	211
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1781	1777	1585	1781	1702	0	1781	1689	1811
Q Serve(g_s), s	2.1	15.6	10.6	18.5	12.4	12.7	13.1	25.0	0.0	8.5	9.5	9.5
Cycle Q Clear(g_c), s	2.1	15.6	10.6	18.5	12.4	12.7	13.1	25.0	0.0	8.5	9.5	9.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.14
Lane Grp Cap(c), veh/h	239	582	487	413	1126	655	530	1994		300	1159	621
V/C Ratio(X)	0.18	0.89	0.40	0.91	0.45	0.40	0.65	0.70		0.72	0.34	0.34
Avail Cap(c_a), veh/h	270	598	494	413	1126	655	639	1994		331	1159	621
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.10	0.10	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	36.4	45.0	30.1	29.6	29.9	22.7	17.8	28.1	0.0	23.5	26.8	26.9
Incr Delay (d2), s/veh	0.3	14.8	0.5	23.0	0.3	0.4	0.2	0.2	0.0	6.5	0.8	1.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.9	7.9	4.0	10.2	5.2	4.6	5.1	9.7	0.0	3.9	3.8	4.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	36.7	59.8	30.6	52.6	30.2	23.1	18.0	28.3	0.0	30.0	27.6	28.3
LnGrp LOS	D	E	C	D	C	C	B	C		C	C	C
Approach Vol, veh/h		751			1137			1733			817	
Approach Delay, s/veh		51.0			35.9			26.2			28.4	
Approach LOS		D			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.1	47.4	25.0	22.5	20.3	42.3	8.1	39.4
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	12.5	40.5	20.5	18.5	22.5	30.5	5.5	33.5
Max Q Clear Time (g_c+I1), s	10.5	27.0	20.5	17.6	15.1	11.5	4.1	14.7
Green Ext Time (p_c), s	0.1	7.6	0.0	0.4	0.6	3.4	0.0	3.9

Intersection Summary	
HCM 6th Ctrl Delay	33.3
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 3 - Rt Overlaps

14. 2032 Bkgd + Full Site PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	69	393	410	351	517	233	167	740	234	203	1125	72
Future Volume (veh/h)	69	393	410	351	517	233	167	740	234	203	1125	72
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	99	561	586	501	739	333	239	1057	0	290	1607	103
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	251	764	507	435	1212	723	259	1557		333	1545	99
Arrive On Green	0.06	0.22	0.22	0.06	0.11	0.11	0.03	0.10	0.00	0.12	0.31	0.31
Sat Flow, veh/h	1767	3554	1585	1781	3554	1585	1781	5274	0	1781	4904	314
Grp Volume(v), veh/h	99	561	586	501	739	333	239	1057	0	290	1115	595
Grp Sat Flow(s),veh/h/ln	1767	1777	1585	1781	1777	1585	1781	1702	0	1781	1702	1814
Q Serve(g_s), s	4.3	14.7	21.5	18.5	19.8	16.5	9.3	20.0	0.0	11.3	31.5	31.5
Cycle Q Clear(g_c), s	4.3	14.7	21.5	18.5	19.8	16.5	9.3	20.0	0.0	11.3	31.5	31.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	251	764	507	435	1212	723	259	1557		333	1072	571
V/C Ratio(X)	0.39	0.73	1.16	1.15	0.61	0.46	0.92	0.68		0.87	1.04	1.04
Avail Cap(c_a), veh/h	261	764	507	435	1212	723	259	1557		333	1072	571
HCM Platoon Ratio	1.00	1.00	1.00	0.33	0.33	0.33	0.33	0.33	0.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.77	0.77	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.2	36.6	34.0	30.4	38.0	26.0	28.5	40.2	0.0	23.7	34.3	34.3
Incr Delay (d2), s/veh	1.0	3.7	90.3	91.9	0.9	0.5	30.1	1.9	0.0	21.3	38.5	48.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.8	6.5	24.3	19.7	9.5	7.0	6.3	9.3	0.0	6.4	18.0	20.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.2	40.3	124.3	122.3	38.9	26.4	58.6	42.1	0.0	45.0	72.7	83.0
LnGrp LOS	C	D	F	F	D	C	E	D		D	F	F
Approach Vol, veh/h		1246			1573			1296			2000	
Approach Delay, s/veh		78.9			62.8			45.1			71.7	
Approach LOS		E			E			D			E	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	16.0	35.0	23.0	26.0	15.0	36.0	10.4	38.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	30.5	18.5	21.5	10.5	31.5	6.5	33.5
Max Q Clear Time (g_c+I1), s	13.3	22.0	20.5	23.5	11.3	33.5	6.3	21.8
Green Ext Time (p_c), s	0.0	4.3	0.0	0.0	0.0	0.0	0.0	4.6

Intersection Summary	
HCM 6th Ctrl Delay	65.3
HCM 6th LOS	E

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

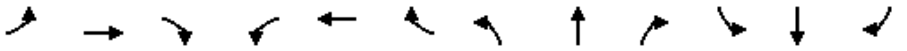
Appendix E.6
Synchro Analysis Results

Mitigation Option 4 (LOS D) Scenarios:

1. 2023 Existing AM
2. 2023 Existing PM
3. 2026 Bkgd AM
4. 2026 Bkgd PM
5. 2026 Bkgd + HS AM
6. 2026 Bkgd + HS PM
7. 2028 Bkgd + HS AM
8. 2028 Bkgd + HS PM
9. 2028 Bkgd + Full Site AM
10. 2028 Bkgd + Full Site PM
11. 2032 Bkgd AM
12. 2032 Bkgd PM
13. 2032 Bkgd + Full Site AM
14. 2032 Bkgd + Full Site PM

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

01. 2023 Existing AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	33	351	74	61	346	117	200	935	68	70	294	23
Future Volume (veh/h)	33	351	74	61	346	117	200	935	68	70	294	23
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	36	382	80	66	376	127	217	1016	0	76	320	25
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	193	505	626	385	547	319	741	2889		459	2545	196
Arrive On Green	0.03	0.14	0.14	0.09	0.31	0.31	0.17	1.00	0.00	0.05	0.53	0.53
Sat Flow, veh/h	1781	3554	2790	3456	3554	1585	1781	5274	0	1781	4797	369
Grp Volume(v), veh/h	36	382	80	66	376	127	217	1016	0	76	224	121
Grp Sat Flow(s),veh/h/ln	1781	1777	1395	1728	1777	1585	1781	1702	0	1781	1689	1789
Q Serve(g_s), s	1.5	9.3	2.1	1.4	8.4	5.6	5.0	0.0	0.0	1.7	3.0	3.1
Cycle Q Clear(g_c), s	1.5	9.3	2.1	1.4	8.4	5.6	5.0	0.0	0.0	1.7	3.0	3.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.21
Lane Grp Cap(c), veh/h	193	505	626	385	547	319	741	2889		459	1792	949
V/C Ratio(X)	0.19	0.76	0.13	0.17	0.69	0.40	0.29	0.35		0.17	0.12	0.13
Avail Cap(c_a), veh/h	244	723	798	518	802	432	980	2889		602	1792	949
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.94	0.94	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	31.6	37.1	27.9	29.4	29.2	25.3	6.8	0.0	0.0	8.4	10.6	10.6
Incr Delay (d2), s/veh	0.5	2.8	0.1	0.2	1.5	0.8	0.2	0.3	0.0	0.2	0.1	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.1	0.7	0.6	3.1	1.9	1.4	0.1	0.0	0.6	1.0	1.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	32.0	39.9	27.9	29.6	30.8	26.1	7.0	0.3	0.0	8.5	10.8	10.9
LnGrp LOS	C	D	C	C	C	C	A	A		A	B	B
Approach Vol, veh/h		498			569			1233			421	
Approach Delay, s/veh		37.4			29.6			1.5			10.4	
Approach LOS		D			C			A			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.8	55.4	8.5	17.3	11.9	52.2	7.5	18.4
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	34.7	7.5	18.3	19.5	26.7	5.5	20.3
Max Q Clear Time (g_c+I1), s	3.7	2.0	3.4	11.3	7.0	5.1	3.5	10.4
Green Ext Time (p_c), s	0.1	7.9	0.0	1.5	0.5	1.9	0.0	1.9

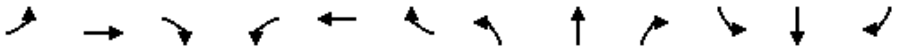
Intersection Summary	
HCM 6th Ctrl Delay	15.3
HCM 6th LOS	B

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

02. 2023 Existing PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	58	297	288	126	401	132	85	510	26	105	834	60
Future Volume (veh/h)	58	297	288	126	401	132	85	510	26	105	834	60
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	83	424	411	180	573	189	121	729	0	150	1191	86
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	207	678	685	488	724	426	318	2447		481	2379	172
Arrive On Green	0.05	0.19	0.19	0.06	0.20	0.20	0.05	0.48	0.00	0.07	0.49	0.49
Sat Flow, veh/h	1767	3554	2790	3456	3554	1585	1781	5274	0	1781	4860	351
Grp Volume(v), veh/h	83	424	411	180	573	189	121	729	0	150	834	443
Grp Sat Flow(s),veh/h/ln	1767	1777	1395	1728	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	3.4	9.9	11.7	3.7	13.8	8.9	3.1	7.8	0.0	3.8	14.9	14.9
Cycle Q Clear(g_c), s	3.4	9.9	11.7	3.7	13.8	8.9	3.1	7.8	0.0	3.8	14.9	14.9
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	207	678	685	488	724	426	318	2447		481	1666	885
V/C Ratio(X)	0.40	0.62	0.60	0.37	0.79	0.44	0.38	0.30		0.31	0.50	0.50
Avail Cap(c_a), veh/h	223	723	720	667	920	514	428	2447		652	1666	885
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.1	33.4	30.0	26.9	34.0	27.3	12.0	14.2	0.0	10.6	15.5	15.5
Incr Delay (d2), s/veh	1.2	1.5	1.3	0.5	3.7	0.7	0.7	0.3	0.0	0.4	1.1	2.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.4	4.2	3.9	1.5	6.0	3.3	1.1	2.8	0.0	1.4	5.5	6.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.3	35.0	31.3	27.4	37.7	28.0	12.7	14.5	0.0	11.0	16.6	17.6
LnGrp LOS	C	C	C	C	D	C	B	B		B	B	B
Approach Vol, veh/h		918			942			850			1427	
Approach Delay, s/veh		32.8			33.8			14.3			16.3	
Approach LOS		C			C			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	10.4	47.6	10.3	21.7	9.4	48.6	9.2	22.8
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	14.5	28.7	10.5	18.3	10.5	32.7	5.5	23.3
Max Q Clear Time (g_c+I1), s	5.8	9.8	5.7	13.7	5.1	16.9	5.4	15.8
Green Ext Time (p_c), s	0.2	4.6	0.2	1.8	0.1	7.4	0.0	2.6

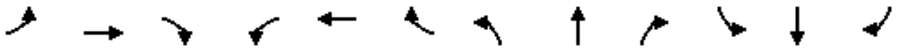
Intersection Summary	
HCM 6th Ctrl Delay	23.5
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

03. 2026 Bkgd AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	372	79	65	367	124	212	992	72	74	312	24
Future Volume (veh/h)	35	372	79	65	367	124	212	992	72	74	312	24
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	38	404	86	71	399	135	230	1078	0	80	339	26
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	194	526	657	388	569	330	725	2848		437	2489	188
Arrive On Green	0.03	0.15	0.15	0.09	0.32	0.32	0.18	1.00	0.00	0.05	0.52	0.52
Sat Flow, veh/h	1781	3554	2790	3456	3554	1585	1781	5274	0	1781	4804	363
Grp Volume(v), veh/h	38	404	86	71	399	135	230	1078	0	80	237	128
Grp Sat Flow(s),veh/h/ln	1781	1777	1395	1728	1777	1585	1781	1702	0	1781	1689	1790
Q Serve(g_s), s	1.6	9.8	2.2	1.5	8.9	5.9	5.4	0.0	0.0	1.8	3.3	3.3
Cycle Q Clear(g_c), s	1.6	9.8	2.2	1.5	8.9	5.9	5.4	0.0	0.0	1.8	3.3	3.3
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.20
Lane Grp Cap(c), veh/h	194	526	657	388	569	330	725	2848		437	1750	928
V/C Ratio(X)	0.20	0.77	0.13	0.18	0.70	0.41	0.32	0.38		0.18	0.14	0.14
Avail Cap(c_a), veh/h	243	723	811	516	802	434	955	2848		579	1750	928
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.93	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	31.1	36.8	27.1	28.9	28.7	24.7	7.0	0.0	0.0	8.9	11.2	11.3
Incr Delay (d2), s/veh	0.5	3.4	0.1	0.2	1.6	0.8	0.2	0.4	0.0	0.2	0.2	0.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.3	0.7	0.6	3.3	2.0	1.5	0.1	0.0	0.6	1.1	1.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	31.6	40.2	27.2	29.1	30.3	25.5	7.2	0.4	0.0	9.1	11.4	11.6
LnGrp LOS	C	D	C	C	C	C	A	A		A	B	B
Approach Vol, veh/h		528			605			1308			445	
Approach Delay, s/veh		37.5			29.1			1.6			11.0	
Approach LOS		D			C			A			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.8	54.7	8.7	17.8	12.4	51.1	7.6	18.9
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	34.7	7.5	18.3	19.5	26.7	5.5	20.3
Max Q Clear Time (g_c+I1), s	3.8	2.0	3.5	11.8	7.4	5.3	3.6	10.9
Green Ext Time (p_c), s	0.1	8.6	0.0	1.5	0.5	2.0	0.0	2.0

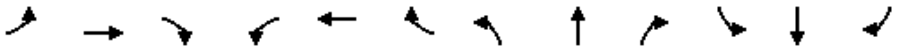
Intersection Summary	
HCM 6th Ctrl Delay	15.4
HCM 6th LOS	B

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

04. 2026 Bkgd PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	62	315	306	134	426	140	90	541	28	111	885	64
Future Volume (veh/h)	62	315	306	134	426	140	90	541	28	111	885	64
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	89	450	437	191	609	200	129	773	0	159	1264	91
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	211	713	723	495	756	447	300	2363		459	2303	166
Arrive On Green	0.06	0.20	0.20	0.07	0.21	0.21	0.06	0.46	0.00	0.07	0.47	0.47
Sat Flow, veh/h	1767	3554	2790	3456	3554	1585	1781	5274	0	1781	4861	350
Grp Volume(v), veh/h	89	450	437	191	609	200	129	773	0	159	885	470
Grp Sat Flow(s),veh/h/ln	1767	1777	1395	1728	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	3.6	10.4	12.4	3.9	14.7	9.3	3.4	8.6	0.0	4.1	16.6	16.6
Cycle Q Clear(g_c), s	3.6	10.4	12.4	3.9	14.7	9.3	3.4	8.6	0.0	4.1	16.6	16.6
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	211	713	723	495	756	447	300	2363		459	1612	856
V/C Ratio(X)	0.42	0.63	0.60	0.39	0.81	0.45	0.43	0.33		0.35	0.55	0.55
Avail Cap(c_a), veh/h	221	723	731	666	920	520	404	2363		623	1612	856
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	27.4	32.9	29.3	26.3	33.7	26.5	13.1	15.3	0.0	11.3	16.8	16.8
Incr Delay (d2), s/veh	1.3	1.7	1.4	0.5	4.4	0.7	1.0	0.4	0.0	0.4	1.3	2.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.5	4.5	4.1	1.5	6.5	3.4	1.3	3.1	0.0	1.5	6.2	6.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.8	34.7	30.7	26.7	38.1	27.2	14.1	15.7	0.0	11.8	18.2	19.4
LnGrp LOS	C	C	C	C	D	C	B	B		B	B	B
Approach Vol, veh/h		976			1000			902			1514	
Approach Delay, s/veh		32.3			33.7			15.4			17.9	
Approach LOS		C			C			B			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	10.7	46.2	10.5	22.6	9.8	47.1	9.5	23.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	14.5	28.7	10.5	18.3	10.5	32.7	5.5	23.3
Max Q Clear Time (g_c+I1), s	6.1	10.6	5.9	14.4	5.4	18.6	5.6	16.7
Green Ext Time (p_c), s	0.2	4.8	0.2	1.7	0.1	7.3	0.0	2.5

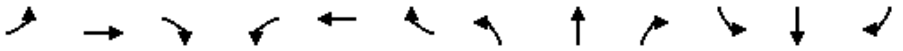
Intersection Summary	
HCM 6th Ctrl Delay	24.2
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

05. 2026 Bkgd + HS AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	372	168	270	367	124	292	1151	257	77	488	24
Future Volume (veh/h)	35	372	168	270	367	124	292	1151	257	77	488	24
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	38	404	183	293	399	135	317	1251	0	84	530	26
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	234	535	773	515	710	394	622	2642		362	2175	106
Arrive On Green	0.03	0.15	0.15	0.14	0.33	0.33	0.25	1.00	0.00	0.05	0.44	0.44
Sat Flow, veh/h	1781	3554	2790	3456	3554	1585	1781	5274	0	1781	4948	241
Grp Volume(v), veh/h	38	404	183	293	399	135	317	1251	0	84	361	195
Grp Sat Flow(s),veh/h/ln	1781	1777	1395	1728	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	1.6	9.8	4.6	6.2	8.3	5.6	8.8	0.0	0.0	2.3	6.0	6.1
Cycle Q Clear(g_c), s	1.6	9.8	4.6	6.2	8.3	5.6	8.8	0.0	0.0	2.3	6.0	6.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	234	535	773	515	710	394	622	2642		362	1485	797
V/C Ratio(X)	0.16	0.75	0.24	0.57	0.56	0.34	0.51	0.47		0.23	0.24	0.25
Avail Cap(c_a), veh/h	283	723	920	515	802	435	783	2642		503	1485	797
HCM Platoon Ratio	1.00	1.00	1.00	1.67	1.67	1.67	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.37	0.37	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.7	36.6	25.2	26.5	26.7	22.9	8.5	0.0	0.0	12.4	15.8	15.8
Incr Delay (d2), s/veh	0.3	3.1	0.2	1.5	0.7	0.5	0.2	0.2	0.0	0.3	0.4	0.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.3	1.5	2.4	3.1	1.9	2.3	0.1	0.0	0.9	2.2	2.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	31.0	39.7	25.3	28.0	27.4	23.4	8.8	0.2	0.0	12.7	16.2	16.6
LnGrp LOS	C	D	C	C	C	C	A	A		B	B	B
Approach Vol, veh/h		625			827			1568			640	
Approach Delay, s/veh		35.0			27.0			2.0			15.9	
Approach LOS		C			C			A			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.9	51.1	12.0	18.1	15.9	44.1	7.6	22.5
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	34.7	7.5	18.3	19.5	26.7	5.5	20.3
Max Q Clear Time (g_c+I1), s	4.3	2.0	8.2	11.8	10.8	8.1	3.6	10.3
Green Ext Time (p_c), s	0.1	10.4	0.0	1.7	0.6	3.1	0.0	2.1

Intersection Summary	
HCM 6th Ctrl Delay	15.7
HCM 6th LOS	B

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

06. 2026 Bkgd + HS PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	62	315	371	284	426	140	155	672	180	114	1014	64
Future Volume (veh/h)	62	315	371	284	426	140	155	672	180	114	1014	64
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	89	450	530	406	609	200	221	960	0	163	1449	91
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	244	698	814	637	901	523	298	2118		380	1945	122
Arrive On Green	0.06	0.20	0.20	0.11	0.25	0.25	0.10	0.41	0.00	0.08	0.40	0.40
Sat Flow, veh/h	1767	3554	2790	3456	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	89	450	530	406	609	200	221	960	0	163	1004	536
Grp Sat Flow(s),veh/h/ln	1767	1777	1395	1728	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	3.6	10.5	15.0	8.0	13.9	8.7	6.5	12.2	0.0	4.8	22.8	22.8
Cycle Q Clear(g_c), s	3.6	10.5	15.0	8.0	13.9	8.7	6.5	12.2	0.0	4.8	22.8	22.8
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	244	698	814	637	901	523	298	2118		380	1348	719
V/C Ratio(X)	0.37	0.64	0.65	0.64	0.68	0.38	0.74	0.45		0.43	0.74	0.75
Avail Cap(c_a), veh/h	254	723	833	652	920	532	336	2118		530	1348	719
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.82	0.82	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	27.0	33.3	27.9	24.2	30.3	23.1	18.9	19.0	0.0	14.6	23.3	23.3
Incr Delay (d2), s/veh	0.9	1.9	1.8	2.0	1.9	0.5	6.3	0.6	0.0	0.8	3.8	6.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.5	4.5	4.9	3.3	5.9	3.1	2.9	4.6	0.0	1.8	9.1	10.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	27.9	35.2	29.6	26.2	32.2	23.6	25.2	19.6	0.0	15.4	27.1	30.2
LnGrp LOS	C	D	C	C	C	C	C	B		B	C	C
Approach Vol, veh/h		1069			1215			1181			1703	
Approach Delay, s/veh		31.8			28.8			20.6			26.9	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.4	41.8	14.6	22.2	13.1	40.1	9.5	27.3
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	14.5	28.7	10.5	18.3	10.5	32.7	5.5	23.3
Max Q Clear Time (g_c+I1), s	6.8	14.2	10.0	17.0	8.5	24.8	5.6	15.9
Green Ext Time (p_c), s	0.2	5.5	0.1	0.7	0.1	5.4	0.0	2.7

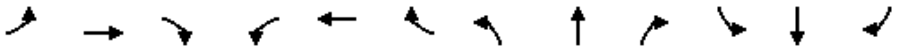
Intersection Summary	
HCM 6th Ctrl Delay	26.9
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

07. 2028 Bkgd + HS AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	388	171	273	382	129	300	1191	260	80	500	25
Future Volume (veh/h)	36	388	171	273	382	129	300	1191	260	80	500	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	39	422	186	297	415	140	326	1295	0	87	543	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	234	552	799	513	725	401	616	2615		351	2127	105
Arrive On Green	0.03	0.16	0.16	0.14	0.34	0.34	0.26	1.00	0.00	0.05	0.43	0.43
Sat Flow, veh/h	1781	3554	2790	3456	3554	1585	1781	5274	0	1781	4944	244
Grp Volume(v), veh/h	39	422	186	297	415	140	326	1295	0	87	370	200
Grp Sat Flow(s),veh/h/ln	1781	1777	1395	1728	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	1.6	10.2	4.6	6.3	8.6	5.8	9.2	0.0	0.0	2.4	6.3	6.4
Cycle Q Clear(g_c), s	1.6	10.2	4.6	6.3	8.6	5.8	9.2	0.0	0.0	2.4	6.3	6.4
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	234	552	799	513	725	401	616	2615		351	1453	779
V/C Ratio(X)	0.17	0.76	0.23	0.58	0.57	0.35	0.53	0.50		0.25	0.25	0.26
Avail Cap(c_a), veh/h	281	723	933	513	802	436	768	2615		491	1453	779
HCM Platoon Ratio	1.00	1.00	1.00	1.67	1.67	1.67	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.32	0.32	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.3	36.4	24.5	26.3	26.5	22.6	8.7	0.0	0.0	12.8	16.4	16.4
Incr Delay (d2), s/veh	0.3	3.6	0.1	1.6	0.8	0.5	0.2	0.2	0.0	0.4	0.4	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	4.5	1.5	2.4	3.2	2.0	2.3	0.1	0.0	0.9	2.4	2.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.6	40.0	24.7	27.9	27.3	23.1	9.0	0.2	0.0	13.2	16.8	17.2
LnGrp LOS	C	D	C	C	C	C	A	A		B	B	B
Approach Vol, veh/h		647			852			1621			657	
Approach Delay, s/veh		35.0			26.8			2.0			16.5	
Approach LOS		D			C			A			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	8.9	50.6	12.0	18.5	16.3	43.2	7.6	22.9
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	34.7	7.5	18.3	19.5	26.7	5.5	20.3
Max Q Clear Time (g_c+I1), s	4.4	2.0	8.3	12.2	11.2	8.4	3.6	10.6
Green Ext Time (p_c), s	0.1	10.9	0.0	1.7	0.6	3.2	0.0	2.1

Intersection Summary	
HCM 6th Ctrl Delay	15.8
HCM 6th LOS	B

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

08. 2028 Bkgd + HS PM
101: S Cockrell Hill Rd. & E Danieldale Rd.

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	64	328	383	290	443	146	159	694	181	118	1049	66
Future Volume (veh/h)	64	328	383	290	443	146	159	694	181	118	1049	66
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	91	469	547	414	633	209	227	991	0	169	1499	94
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	241	708	829	635	911	532	293	2083		372	1912	120
Arrive On Green	0.06	0.20	0.20	0.11	0.26	0.26	0.10	0.41	0.00	0.08	0.39	0.39
Sat Flow, veh/h	1767	3554	2790	3456	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	91	469	547	414	633	209	227	991	0	169	1039	554
Grp Sat Flow(s),veh/h/ln	1767	1777	1395	1728	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	3.6	11.0	15.4	8.1	14.5	9.1	6.7	12.8	0.0	5.0	24.1	24.1
Cycle Q Clear(g_c), s	3.6	11.0	15.4	8.1	14.5	9.1	6.7	12.8	0.0	5.0	24.1	24.1
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	241	708	829	635	911	532	293	2083		372	1325	707
V/C Ratio(X)	0.38	0.66	0.66	0.65	0.69	0.39	0.77	0.48		0.45	0.78	0.78
Avail Cap(c_a), veh/h	250	723	841	646	920	536	327	2083		518	1325	707
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.82	0.82	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.9	33.2	27.7	24.1	30.3	22.9	19.4	19.6	0.0	15.0	24.1	24.2
Incr Delay (d2), s/veh	1.0	2.2	1.9	2.3	2.3	0.5	8.3	0.6	0.0	0.9	4.7	8.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.5	4.7	5.1	3.3	6.2	3.3	3.1	4.8	0.0	1.9	9.8	11.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	27.8	35.5	29.5	26.4	32.5	23.3	27.8	20.2	0.0	15.9	28.8	32.7
LnGrp LOS	C	D	C	C	C	C	C	C		B	C	C
Approach Vol, veh/h		1107			1256			1218			1762	
Approach Delay, s/veh		31.9			29.0			21.6			28.8	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.6	41.2	14.7	22.4	13.3	39.5	9.6	27.6
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	14.5	28.7	10.5	18.3	10.5	32.7	5.5	23.3
Max Q Clear Time (g_c+I1), s	7.0	14.8	10.1	17.4	8.7	26.1	5.6	16.5
Green Ext Time (p_c), s	0.2	5.5	0.1	0.5	0.1	4.7	0.0	2.6

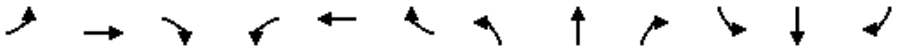
Intersection Summary	
HCM 6th Ctrl Delay	27.8
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

09. 2028 Bkgd + Full Site AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	443	171	339	431	228	300	1191	335	192	500	25
Future Volume (veh/h)	36	443	171	339	431	228	300	1191	335	192	500	25
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	39	482	186	368	468	248	326	1295	0	209	543	27
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	224	604	851	507	777	489	606	2332		416	2035	101
Arrive On Green	0.03	0.17	0.17	0.14	0.37	0.37	0.27	0.91	0.00	0.09	0.41	0.41
Sat Flow, veh/h	1781	3554	2790	3456	3554	1585	1781	5274	0	1781	4944	244
Grp Volume(v), veh/h	39	482	186	368	468	248	326	1295	0	209	370	200
Grp Sat Flow(s),veh/h/ln	1781	1777	1395	1728	1777	1585	1781	1702	0	1781	1689	1812
Q Serve(g_s), s	1.6	11.7	4.5	7.5	9.6	10.7	9.6	4.0	0.0	6.0	6.5	6.6
Cycle Q Clear(g_c), s	1.6	11.7	4.5	7.5	9.6	10.7	9.6	4.0	0.0	6.0	6.5	6.6
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.13
Lane Grp Cap(c), veh/h	224	604	851	507	777	489	606	2332		416	1390	746
V/C Ratio(X)	0.17	0.80	0.22	0.73	0.60	0.51	0.54	0.56		0.50	0.27	0.27
Avail Cap(c_a), veh/h	271	723	944	507	802	500	751	2332		483	1390	746
HCM Platoon Ratio	1.00	1.00	1.00	1.67	1.67	1.67	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.24	0.24	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.3	35.9	23.3	26.9	25.4	20.5	9.4	2.3	0.0	12.7	17.5	17.5
Incr Delay (d2), s/veh	0.4	5.3	0.1	5.1	1.2	0.8	0.2	0.2	0.0	0.9	0.5	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	5.3	1.4	3.2	3.6	3.3	2.5	0.8	0.0	2.3	2.5	2.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.6	41.2	23.4	32.0	26.6	21.3	9.6	2.5	0.0	13.6	18.0	18.4
LnGrp LOS	C	D	C	C	C	C	A	A		B	B	B
Approach Vol, veh/h		707			1084			1621			779	
Approach Delay, s/veh		35.9			27.2			3.9			16.9	
Approach LOS		D			C			A			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	12.6	45.6	12.0	19.8	16.7	41.5	7.6	24.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	34.7	7.5	18.3	19.5	26.7	5.5	20.3
Max Q Clear Time (g_c+I1), s	8.0	6.0	9.5	13.7	11.6	8.6	3.6	12.7
Green Ext Time (p_c), s	0.2	10.5	0.0	1.6	0.6	3.2	0.0	2.3

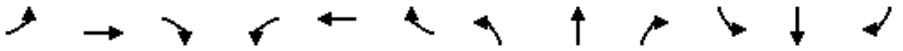
Intersection Summary	
HCM 6th Ctrl Delay	17.8
HCM 6th LOS	B

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

10. 2028 Bkgd + Full Site PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	64	366	383	340	480	221	159	694	231	194	1049	66
Future Volume (veh/h)	64	366	383	340	480	221	159	694	231	194	1049	66
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	91	523	547	486	686	316	227	991	0	277	1499	94
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	225	708	837	625	922	602	296	1858		414	1882	118
Arrive On Green	0.06	0.20	0.20	0.12	0.26	0.26	0.10	0.36	0.00	0.12	0.38	0.38
Sat Flow, veh/h	1767	3554	2790	3456	3554	1585	1781	5274	0	1781	4911	308
Grp Volume(v), veh/h	91	523	547	486	686	316	227	991	0	277	1039	554
Grp Sat Flow(s),veh/h/ln	1767	1777	1395	1728	1777	1585	1781	1702	0	1781	1702	1815
Q Serve(g_s), s	3.6	12.4	15.4	9.8	15.9	13.9	7.0	13.8	0.0	8.5	24.4	24.4
Cycle Q Clear(g_c), s	3.6	12.4	15.4	9.8	15.9	13.9	7.0	13.8	0.0	8.5	24.4	24.4
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	225	708	837	625	922	602	296	1858		414	1304	695
V/C Ratio(X)	0.40	0.74	0.65	0.78	0.74	0.52	0.77	0.53		0.67	0.80	0.80
Avail Cap(c_a), veh/h	234	723	849	625	922	602	324	1858		487	1304	695
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.80	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	27.0	33.8	27.4	24.8	30.6	21.6	19.9	22.6	0.0	16.2	24.6	24.6
Incr Delay (d2), s/veh	1.2	4.0	1.8	6.1	3.3	0.8	7.9	0.9	0.0	2.8	5.1	9.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.5	5.5	5.0	4.3	6.9	4.9	3.3	5.3	0.0	3.4	10.0	11.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.2	37.8	29.2	30.9	33.9	22.4	27.8	23.5	0.0	19.0	29.8	33.9
LnGrp LOS	C	D	C	C	C	C	C	C		B	C	C
Approach Vol, veh/h		1161			1488			1218			1870	
Approach Delay, s/veh		33.0			30.5			24.3			29.4	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.3	37.2	15.0	22.4	13.6	39.0	9.6	27.9
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	14.5	28.7	10.5	18.3	10.5	32.7	5.5	23.3
Max Q Clear Time (g_c+I1), s	10.5	15.8	11.8	17.4	9.0	26.4	5.6	17.9
Green Ext Time (p_c), s	0.3	5.3	0.0	0.6	0.1	4.6	0.0	2.6

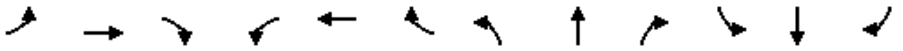
Intersection Summary	
HCM 6th Ctrl Delay	29.3
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

11. 2032 Bkgd AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	419	88	73	414	140	239	1117	81	84	351	27
Future Volume (veh/h)	39	419	88	73	414	140	239	1117	81	84	351	27
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	42	455	96	79	450	152	260	1214	0	91	382	29
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	195	574	728	389	616	354	692	2761		395	2362	177
Arrive On Green	0.04	0.16	0.16	0.10	0.35	0.35	0.20	1.00	0.00	0.05	0.49	0.49
Sat Flow, veh/h	1781	3554	2790	3456	3554	1585	1781	5274	0	1781	4807	360
Grp Volume(v), veh/h	42	455	96	79	450	152	260	1214	0	91	267	144
Grp Sat Flow(s),veh/h/ln	1781	1777	1395	1728	1777	1585	1781	1702	0	1781	1689	1791
Q Serve(g_s), s	1.7	11.1	2.4	1.6	10.0	6.6	6.4	0.0	0.0	2.2	3.9	4.0
Cycle Q Clear(g_c), s	1.7	11.1	2.4	1.6	10.0	6.6	6.4	0.0	0.0	2.2	3.9	4.0
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.20
Lane Grp Cap(c), veh/h	195	574	728	389	616	354	692	2761		395	1659	880
V/C Ratio(X)	0.21	0.79	0.13	0.20	0.73	0.43	0.38	0.44		0.23	0.16	0.16
Avail Cap(c_a), veh/h	240	723	844	512	802	437	901	2761		534	1659	880
HCM Platoon Ratio	1.00	1.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.90	0.90	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	30.1	36.3	25.5	28.0	27.6	23.5	7.4	0.0	0.0	10.0	12.6	12.7
Incr Delay (d2), s/veh	0.5	4.8	0.1	0.3	2.4	0.8	0.3	0.5	0.0	0.3	0.2	0.4
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	5.0	0.8	0.6	3.6	2.2	1.7	0.1	0.0	0.8	1.4	1.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	30.7	41.1	25.5	28.3	30.0	24.3	7.7	0.5	0.0	10.3	12.9	13.1
LnGrp LOS	C	D	C	C	C	C	A	A		B	B	B
Approach Vol, veh/h		593			681			1474			502	
Approach Delay, s/veh		37.8			28.5			1.7			12.4	
Approach LOS		D			C			A			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	9.0	53.2	8.8	19.0	13.4	48.7	7.8	20.1
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	34.7	7.5	18.3	19.5	26.7	5.5	20.3
Max Q Clear Time (g_c+I1), s	4.2	2.0	3.6	13.1	8.4	6.0	3.7	12.0
Green Ext Time (p_c), s	0.1	10.0	0.1	1.5	0.5	2.3	0.0	2.1

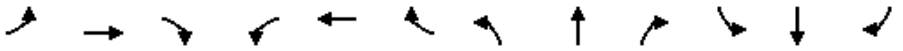
Intersection Summary	
HCM 6th Ctrl Delay	15.6
HCM 6th LOS	B

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

12. 2032 Bkgd PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	69	355	344	151	479	158	102	609	31	125	997	72
Future Volume (veh/h)	69	355	344	151	479	158	102	609	31	125	997	72
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	99	507	491	216	684	226	146	870	0	179	1424	103
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	214	773	793	505	818	490	271	2202		421	2156	156
Arrive On Green	0.06	0.22	0.22	0.07	0.23	0.23	0.07	0.43	0.00	0.08	0.44	0.44
Sat Flow, veh/h	1767	3554	2790	3456	3554	1585	1781	5274	0	1781	4860	351
Grp Volume(v), veh/h	99	507	491	216	684	226	146	870	0	179	997	530
Grp Sat Flow(s),veh/h/ln	1767	1777	1395	1728	1777	1585	1781	1702	0	1781	1702	1807
Q Serve(g_s), s	3.9	11.7	13.8	4.3	16.5	10.3	4.0	10.5	0.0	4.9	20.8	20.8
Cycle Q Clear(g_c), s	3.9	11.7	13.8	4.3	16.5	10.3	4.0	10.5	0.0	4.9	20.8	20.8
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.19
Lane Grp Cap(c), veh/h	214	773	793	505	818	490	271	2202		421	1510	802
V/C Ratio(X)	0.46	0.66	0.62	0.43	0.84	0.46	0.54	0.40		0.43	0.66	0.66
Avail Cap(c_a), veh/h	216	773	793	659	920	535	360	2202		567	1510	802
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.98	0.98	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.5	32.1	28.0	25.2	33.0	25.1	16.1	17.5	0.0	12.9	19.7	19.7
Incr Delay (d2), s/veh	1.6	2.0	1.5	0.6	6.2	0.7	1.6	0.5	0.0	0.7	2.3	4.3
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.6	5.0	4.5	1.7	7.4	3.8	1.6	3.9	0.0	1.8	7.9	8.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.0	34.1	29.4	25.7	39.2	25.7	17.7	18.1	0.0	13.5	22.0	24.0
LnGrp LOS	C	C	C	C	D	C	B	B		B	C	C
Approach Vol, veh/h		1097			1126			1016			1706	
Approach Delay, s/veh		31.5			33.9			18.0			21.7	
Approach LOS		C			C			B			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	11.6	43.3	11.0	24.1	10.5	44.4	9.9	25.2
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	14.5	28.7	10.5	18.3	10.5	32.7	5.5	23.3
Max Q Clear Time (g_c+I1), s	6.9	12.5	6.3	15.8	6.0	22.8	5.9	18.5
Green Ext Time (p_c), s	0.3	5.2	0.3	1.3	0.1	6.4	0.0	2.2

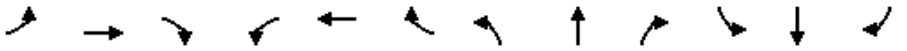
Intersection Summary	
HCM 6th Ctrl Delay	25.9
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

13. 2032 Bkgd + Full Site AM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	475	178	344	463	239	318	1276	341	198	527	27
Future Volume (veh/h)	39	475	178	344	463	239	318	1276	341	198	527	27
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1856	1648
Adj Flow Rate, veh/h	42	516	193	374	503	260	346	1387	0	215	573	29
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	3	17
Cap, veh/h	221	631	900	502	799	505	595	2272		395	1947	98
Arrive On Green	0.04	0.18	0.18	0.14	0.38	0.38	0.29	0.89	0.00	0.09	0.39	0.39
Sat Flow, veh/h	1781	3554	2790	3456	3554	1585	1781	5274	0	1781	4939	249
Grp Volume(v), veh/h	42	516	193	374	503	260	346	1387	0	215	391	211
Grp Sat Flow(s),veh/h/ln	1781	1777	1395	1728	1777	1585	1781	1702	0	1781	1689	1811
Q Serve(g_s), s	1.7	12.6	4.5	7.5	10.4	11.2	10.4	5.9	0.0	6.3	7.1	7.2
Cycle Q Clear(g_c), s	1.7	12.6	4.5	7.5	10.4	11.2	10.4	5.9	0.0	6.3	7.1	7.2
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.14
Lane Grp Cap(c), veh/h	221	631	900	502	799	505	595	2272		395	1331	714
V/C Ratio(X)	0.19	0.82	0.21	0.74	0.63	0.51	0.58	0.61		0.54	0.29	0.30
Avail Cap(c_a), veh/h	266	723	971	502	802	506	723	2272		456	1331	714
HCM Platoon Ratio	1.00	1.00	1.00	1.67	1.67	1.67	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.10	0.10	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	28.7	35.6	22.2	26.8	25.0	19.9	9.7	3.1	0.0	13.4	18.7	18.7
Incr Delay (d2), s/veh	0.4	6.5	0.1	5.9	1.6	0.9	0.1	0.1	0.0	1.2	0.6	1.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	0.7	5.8	1.4	3.3	3.8	3.4	2.6	1.0	0.0	2.4	2.7	3.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.1	42.1	22.3	32.7	26.6	20.8	9.8	3.2	0.0	14.6	19.2	19.8
LnGrp LOS	C	D	C	C	C	C	A	A		B	B	B
Approach Vol, veh/h		751			1137			1733			817	
Approach Delay, s/veh		36.3			27.3			4.5			18.1	
Approach LOS		D			C			A			B	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	13.0	44.6	12.0	20.5	17.5	40.0	7.8	24.7
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	11.5	34.7	7.5	18.3	19.5	26.7	5.5	20.3
Max Q Clear Time (g_c+I1), s	8.3	7.9	9.5	14.6	12.4	9.2	3.7	13.2
Green Ext Time (p_c), s	0.2	11.1	0.0	1.4	0.6	3.3	0.0	2.4

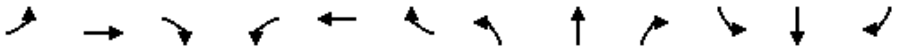
Intersection Summary	
HCM 6th Ctrl Delay	18.2
HCM 6th LOS	B

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

HCM 6th Signalized Intersection Summary
Life School - Mitigation Option 4 - LOS D

14. 2032 Bkgd + Full Site PM
101: S Cockrell Hill Rd. & E Danieldale Rd.



Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	69	393	410	351	517	233	167	740	234	203	1125	72
Future Volume (veh/h)	69	393	410	351	517	233	167	740	234	203	1125	72
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1856	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	99	561	586	501	739	333	239	1057	0	290	1607	103
Peak Hour Factor	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
Percent Heavy Veh, %	3	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	221	723	864	615	923	612	289	1805		404	1832	117
Arrive On Green	0.06	0.20	0.20	0.12	0.26	0.26	0.11	0.35	0.00	0.13	0.37	0.37
Sat Flow, veh/h	1767	3554	2790	3456	3554	1585	1781	5274	0	1781	4904	314
Grp Volume(v), veh/h	99	561	586	501	739	333	239	1057	0	290	1115	595
Grp Sat Flow(s),veh/h/ln	1767	1777	1395	1728	1777	1585	1781	1702	0	1781	1702	1814
Q Serve(g_s), s	3.9	13.4	16.5	10.0	17.5	14.7	7.5	15.2	0.0	9.1	27.5	27.5
Cycle Q Clear(g_c), s	3.9	13.4	16.5	10.0	17.5	14.7	7.5	15.2	0.0	9.1	27.5	27.5
Prop In Lane	1.00		1.00	1.00		1.00	1.00		0.00	1.00		0.17
Lane Grp Cap(c), veh/h	221	723	864	615	923	612	289	1805		404	1272	678
V/C Ratio(X)	0.45	0.78	0.68	0.82	0.80	0.54	0.83	0.59		0.72	0.88	0.88
Avail Cap(c_a), veh/h	222	723	864	615	923	612	307	1805		466	1272	678
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	1.00	1.00	1.00	1.00	1.00	0.77	0.77	0.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	26.9	33.9	27.1	24.8	31.1	21.5	20.5	23.7	0.0	17.3	26.3	26.3
Incr Delay (d2), s/veh	1.4	5.3	2.1	8.3	5.1	1.0	12.8	1.1	0.0	4.5	8.7	15.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	6.0	5.4	4.5	7.7	5.2	3.8	5.9	0.0	3.8	11.8	13.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	28.3	39.2	29.3	33.2	36.3	22.5	33.4	24.8	0.0	21.8	35.0	41.3
LnGrp LOS	C	D	C	C	D	C	C	C		C	C	D
Approach Vol, veh/h		1246			1573			1296			2000	
Approach Delay, s/veh		33.7			32.3			26.4			34.9	
Approach LOS		C			C			C			C	

Timer - Assigned Phs	1	2	3	4	5	6	7	8
Phs Duration (G+Y+Rc), s	15.9	36.3	15.0	22.8	14.1	38.1	9.9	27.9
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Max Green Setting (Gmax), s	14.5	28.7	10.5	18.3	10.5	32.7	5.5	23.3
Max Q Clear Time (g_c+I1), s	11.1	17.2	12.0	18.5	9.5	29.5	5.9	19.5
Green Ext Time (p_c), s	0.3	5.3	0.0	0.0	0.1	2.6	0.0	2.1

Intersection Summary	
HCM 6th Ctrl Delay	32.2
HCM 6th LOS	C

Notes

Unsignalized Delay for [NBR] is excluded from calculations of the approach delay and intersection delay.

Appendix F
Traffic Signal Warrant Analysis

A. 2023 Existing

2023 Traffic Volumes - Original

Date: Tuesday, February 14, 2023

Node: 202

Danieldale Rd. at Willow Run Dr./Middle School Driveway

Beginning Time	Danieldale Rd.						Willow Run Dr./Middle School Driveway						Total:
	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	3	100	0	0	126	3	0	0	0	5	0	14	251
7:00	15	434	0	0	481	4	0	0	0	18	0	29	981
8:00	15	312	0	0	340	8	0	0	0	5	0	15	695
9:00	10	183	0	0	288	9	0	0	0	8	0	21	519
10:00	8	165	0	1	292	8	0	0	0	10	0	14	498
11:00	11	214	0	1	320	8	0	0	0	4	0	15	573
12:00	19	238	0	1	370	9	0	0	0	2	0	20	659
1:00	16	262	0	0	353	11	0	0	0	6	0	15	663
2:00	13	292	0	0	481	9	0	0	0	8	0	21	824
3:00	33	330	0	0	527	13	0	0	0	11	0	29	943
4:00	34	395	0	0	570	14	0	0	0	12	0	34	1,059
5:00	33	381	0	0	588	12	0	0	0	8	0	31	1,053
6:00	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0

ITE 538 Middle School - Charter School (K-12) - Generator

Projected Traffic Volumes

Hourly Distributions

Beginning Time	ITE 538		
	Daily %	In%	Out%
12:00	0.0	0.0	0.0
1:00	0.0	0.0	0.0
2:00	0.0	0.0	0.0
3:00	0.1	0.1	0.1
4:00	0.0	0.0	0.0
5:00	0.0	0.0	0.0
6:00	2.2	2.1	0.1
7:00	30.8	19.1	11.7
8:00	14.8	6.9	7.9
9:00	1.2	0.6	0.6
10:00	2.1	1.4	0.7
11:00	2.5	1.1	1.4
12:00	2.9	1.3	1.6
1:00	1.4	0.7	0.7
2:00	5.8	4.4	1.4
3:00	19.7	6.2	13.5
4:00	11.6	4.1	7.5
5:00	2.7	1.2	1.6
6:00	1.8	0.8	1.0
7:00	0.3	0.1	0.2
8:00	0.2	0.0	0.2
9:00	0.0	0.0	0.0
10:00	0.0	0.0	0.0
11:00	0.0	0.0	0.0

Daily Trips to Driveway 1,798

Beginning Time		
	In	Out
12:00	0	0
1:00	0	0
2:00	0	0
3:00	1	1
4:00	0	0
5:00	0	0
6:00	38	1
7:00	343	210
8:00	124	142
9:00	10	11
10:00	25	13
11:00	20	26
12:00	24	28
1:00	12	13
2:00	79	26
3:00	112	242
4:00	74	134
5:00	21	28
6:00	15	18
7:00	2	3
8:00	0	3
9:00	0	0
10:00	0	0
11:00	0	0

4/2/2024

ITE 538 Middle School - Charter School (K-12) - Generator
Traffic Volumes to Intersection

	Danieldale Rd.						Willow Run Dr./Middle School Driveway					
Beginning Time	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
In:	0%	0%	65.0%	33.0%	0.0%	0%	0%	0%	0%	0%	2%	0%
Out:	0%	0%	0.0%	0%	0%	0%	65%	2%	33%	0%	0%	0%
12:00			0	0			0	0	0		0	
1:00			0	0			0	0	0		0	
2:00			0	0			0	0	0		0	
3:00			1	0			1	0	0		0	
4:00			0	0			0	0	0		0	
5:00			0	0			0	0	0		0	
6:00			25	12			1	0	0		1	
7:00			223	113			136	4	69		7	
8:00			80	41			92	3	47		2	
9:00			7	3			7	0	4		0	
10:00			16	8			9	0	4		0	
11:00			13	7			17	1	8		0	
12:00			15	8			18	1	9		0	
1:00			8	4			9	0	4		0	
2:00			52	26			17	1	8		2	
3:00			73	37			157	5	80		2	
4:00			48	24			87	3	44		1	
5:00			14	7			18	1	9		0	
6:00			10	5			12	0	6		0	
7:00			1	1			2	0	1		0	
8:00			0	0			2	0	1		0	
9:00			0	0			0	0	0		0	
10:00			0	0			0	0	0		0	
11:00			0	0			0	0	0		0	

4/2/2024

ITE 538 High School - Charter School (K-12) - Generator

Projected Traffic Volumes

Hourly Distributions

	ITE 538		
	Daily %	In	Out
12:00	0.0	0.0	0.0
1:00	0.0	0.0	0.0
2:00	0.0	0.0	0.0
3:00	0.1	0.1	0.1
4:00	0.0	0.0	0.0
5:00	0.0	0.0	0.0
6:00	2.2	2.1	0.1
7:00	30.8	19.1	11.7
8:00	14.8	6.9	7.9
9:00	1.2	0.6	0.6
10:00	2.1	1.4	0.7
11:00	2.5	1.1	1.4
12:00	2.9	1.3	1.6
1:00	1.4	0.7	0.7
2:00	5.8	4.4	1.4
3:00	19.7	6.2	13.5
4:00	11.6	4.1	7.5
5:00	2.7	1.2	1.6
6:00	1.8	0.8	1.0
7:00	0.3	0.1	0.2
8:00	0.2	0.0	0.2
9:00	0.0	0.0	0.0
10:00	0.0	0.0	0.0
11:00	0.0	0.0	0.0

Projected Volumes: 1,996

	In	Out
12:00	0	0
1:00	0	0
2:00	0	0
3:00	1	1
4:00	0	0
5:00	0	0
6:00	42	1
7:00	381	233
8:00	137	157
9:00	12	13
10:00	27	15
11:00	22	28
12:00	26	31
1:00	14	15
2:00	88	28
3:00	124	269
4:00	82	149
5:00	23	31
6:00	17	20
7:00	2	3
8:00	0	3
9:00	0	0
10:00	0	0
11:00	0	0

4/2/2024

ITE 538 High School - Charter School (K-12) - Generator
Traffic Volumes to Intersection

	Danieldale Rd.						Willow Run Dr./Middle School Driveway					
Beginning Time	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
In:	0%	0%	0.5%	0.5%	32.5%	0%	0%	0%	0%	2%	0%	0%
Out:	2%	33%	0.0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
12:00	0	0	0	0	0					0		
1:00	0	0	0	0	0					0		
2:00	0	0	0	0	0					0		
3:00	0	0	0	0	0					0		
4:00	0	0	0	0	0					0		
5:00	0	0	0	0	0					0		
6:00	0	0	0	0	14					1		
7:00	5	77	2	2	124					8		
8:00	3	52	1	1	45					3		
9:00	0	4	0	0	4					0		
10:00	0	5	0	0	9					1		
11:00	1	9	0	0	7					0		
12:00	1	10	0	0	9					1		
1:00	0	5	0	0	4					0		
2:00	1	9	0	0	29					2		
3:00	5	89	1	1	40					2		
4:00	3	49	0	0	27					2		
5:00	1	10	0	0	8					0		
6:00	0	7	0	0	5					0		
7:00	0	1	0	0	1					0		
8:00	0	1	0	0	0					0		
9:00	0	0	0	0	0					0		
10:00	0	0	0	0	0					0		
11:00	0	0	0	0	0					0		

4/2/2024

Total New Site Traffic

Danieldale Rd. at Willow Run Dr./Middle School Driveway

Beginning Time	Danieldale Rd.						Willow Run Dr./Middle School Driveway					
	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
12:00	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	1	0	0	0	1	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	0	25	13	14	0	1	0	0	1	1	0
7:00	5	77	225	115	124	0	136	4	69	8	7	0
8:00	3	52	81	42	45	0	92	3	47	3	2	0
9:00	0	4	7	3	4	0	7	0	4	0	0	0
10:00	0	5	16	8	9	0	9	0	4	1	0	0
11:00	1	9	13	7	7	0	17	1	8	0	0	0
12:00	1	10	15	8	9	0	18	1	9	1	0	0
1:00	0	5	8	4	4	0	9	0	4	0	0	0
2:00	1	9	52	27	29	0	17	1	8	2	2	0
3:00	5	89	73	37	40	0	157	5	80	2	2	0
4:00	3	49	48	25	27	0	87	3	44	2	1	0
5:00	1	10	14	7	8	0	18	1	9	0	0	0
6:00	0	7	10	5	5	0	12	0	6	0	0	0
7:00	0	1	1	1	1	0	2	0	1	0	0	0
8:00	0	1	0	0	0	0	2	0	1	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0

B. 2026 Bkgd

2026 Background Traffic Volumes (Without Additionial Sites)

Existing Year: 2023 **Background Year:** 2026

Years Grown: 3 **Growth Rate:** 2.0% **Growth Factor:** 1.06

Danieldale Rd. at Willow Run Dr./Middle School Driveway

Beginning Time	Danieldale Rd.						Willow Run Dr./Middle School Driveway						Total:
	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	3	106	0	0	134	3	0	0	0	5	0	15	266
7:00	16	461	0	0	510	4	0	0	0	19	0	31	1,041
8:00	16	331	0	0	361	8	0	0	0	5	0	16	738
9:00	11	194	0	0	306	10	0	0	0	8	0	22	551
10:00	8	175	0	1	310	8	0	0	0	11	0	15	528
11:00	12	227	0	1	340	8	0	0	0	4	0	16	608
12:00	20	253	0	1	393	10	0	0	0	2	0	21	699
1:00	17	278	0	0	375	12	0	0	0	6	0	16	704
2:00	14	310	0	0	510	10	0	0	0	8	0	22	874
3:00	35	350	0	0	559	14	0	0	0	12	0	31	1,001
4:00	36	419	0	0	605	15	0	0	0	13	0	36	1,124
5:00	35	404	0	0	624	13	0	0	0	8	0	33	1,117
6:00	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0

2026 Bkgd + Life Charter School

Danieldale Rd. at Willow Run Dr./Middle School Driveway

Beginning Time	Danieldale Rd.						Willow Run Dr./Middle School Driveway						Total:
	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	1	0	0	0	1	0	0	0	0	0	3
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	3	106	25	13	147	3	1	0	0	6	1	15	320
7:00	21	537	225	115	634	4	136	4	69	27	7	31	1,811
8:00	19	383	81	42	405	8	92	3	47	8	2	16	1,107
9:00	11	198	7	3	309	10	7	0	4	9	0	22	581
10:00	9	180	16	9	319	8	9	0	4	11	0	15	581
11:00	12	236	13	8	347	8	17	1	8	5	0	16	671
12:00	21	263	15	9	401	10	18	1	9	3	0	21	772
1:00	17	283	8	4	379	12	9	0	4	7	0	16	739
2:00	14	319	52	27	539	10	17	1	8	10	2	22	1,021
3:00	40	439	73	37	600	14	157	5	80	14	2	31	1,492
4:00	39	468	48	25	631	15	87	3	44	14	1	36	1,413
5:00	36	415	14	7	631	13	18	1	9	9	0	33	1,186
6:00	0	7	10	5	5	0	12	0	6	0	0	0	46
7:00	0	1	1	1	1	0	2	0	1	0	0	0	7
8:00	0	1	0	0	0	0	2	0	1	0	0	0	4
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0

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A. 2023 Existing

2023 Traffic Volumes - Original

Date: Tuesday, November 30, 2021

Node: **203**

High School Driveway at Cockrell Hill Rd.

Beginning Time	High School Driveway						Cockrell Hill Rd.						Total:
	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	0	0	0	0	0	0	432	0	0	85	0	517
7:00	0	0	0	0	0	0	0	990	0	0	276	0	1,266
8:00	0	0	0	0	0	0	0	732	0	0	302	0	1,034
9:00	0	0	0	0	0	0	0	278	0	0	135	0	413
10:00	0	0	0	0	0	0	0	525	0	0	395	0	920
11:00	0	0	0	0	0	0	0	491	0	0	463	0	954
12:00	0	0	0	0	0	0	0	536	0	0	527	0	1,063
1:00	0	0	0	0	0	0	0	505	0	0	501	0	1,006
2:00	0	0	0	0	0	0	0	463	0	0	450	0	913
3:00	0	0	0	0	0	0	0	411	0	0	575	0	986
4:00	0	0	0	0	0	0	0	503	0	0	765	0	1,268
5:00	0	0	0	0	0	0	0	516	0	0	891	0	1,407
6:00	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0

ITE 538 Middle School - Charter School (K-12) - Generator

Projected Traffic Volumes

Hourly Distributions

Beginning Time	ITE 538		
	Daily %	In%	Out%
12:00	0.0	0.0	0.0
1:00	0.0	0.0	0.0
2:00	0.0	0.0	0.0
3:00	0.1	0.1	0.1
4:00	0.0	0.0	0.0
5:00	0.0	0.0	0.0
6:00	2.2	2.1	0.1
7:00	30.8	19.1	11.7
8:00	14.8	6.9	7.9
9:00	1.2	0.6	0.6
10:00	2.1	1.4	0.7
11:00	2.5	1.1	1.4
12:00	2.9	1.3	1.6
1:00	1.4	0.7	0.7
2:00	5.8	4.4	1.4
3:00	19.7	6.2	13.5
4:00	11.6	4.1	7.5
5:00	2.7	1.2	1.6
6:00	1.8	0.8	1.0
7:00	0.3	0.1	0.2
8:00	0.2	0.0	0.2
9:00	0.0	0.0	0.0
10:00	0.0	0.0	0.0
11:00	0.0	0.0	0.0

Daily Trips to Drivewa 1,798

Beginning Time		
	In	Out
12:00	0	0
1:00	0	0
2:00	0	0
3:00	1	1
4:00	0	0
5:00	0	0
6:00	38	1
7:00	343	210
8:00	124	142
9:00	10	11
10:00	25	13
11:00	20	26
12:00	24	28
1:00	12	13
2:00	79	26
3:00	112	242
4:00	74	134
5:00	21	28
6:00	15	18
7:00	2	3
8:00	0	3
9:00	0	0
10:00	0	0
11:00	0	0

4/2/2024

ITE 538 Middle School - Charter School (K-12) - Generator
Traffic Volumes to Intersection

	High School Driveway						Cockrell Hill Rd.					
Beginning Time	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
In:	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Out:	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
12:00												
1:00												
2:00												
3:00												
4:00												
5:00												
6:00												
7:00												
8:00												
9:00												
10:00												
11:00												
12:00												
1:00												
2:00												
3:00												
4:00												
5:00												
6:00												
7:00												
8:00												
9:00												
10:00												
11:00												

4/2/2024

ITE 538 High School - Charter School (K-12) - Generator

Projected Traffic Volumes

Hourly Distributions

	ITE 538		
	Daily %	In	Out
12:00	0.0	0.0	0.0
1:00	0.0	0.0	0.0
2:00	0.0	0.0	0.0
3:00	0.1	0.1	0.1
4:00	0.0	0.0	0.0
5:00	0.0	0.0	0.0
6:00	2.2	2.1	0.1
7:00	30.8	19.1	11.7
8:00	14.8	6.9	7.9
9:00	1.2	0.6	0.6
10:00	2.1	1.4	0.7
11:00	2.5	1.1	1.4
12:00	2.9	1.3	1.6
1:00	1.4	0.7	0.7
2:00	5.8	4.4	1.4
3:00	19.7	6.2	13.5
4:00	11.6	4.1	7.5
5:00	2.7	1.2	1.6
6:00	1.8	0.8	1.0
7:00	0.3	0.1	0.2
8:00	0.2	0.0	0.2
9:00	0.0	0.0	0.0
10:00	0.0	0.0	0.0
11:00	0.0	0.0	0.0

Projected Volumes: 1,996

	In	Out
12:00	0	0
1:00	0	0
2:00	0	0
3:00	1	1
4:00	0	0
5:00	0	0
6:00	42	1
7:00	381	233
8:00	137	157
9:00	12	13
10:00	27	15
11:00	22	28
12:00	26	31
1:00	14	15
2:00	88	28
3:00	124	269
4:00	82	149
5:00	23	31
6:00	17	20
7:00	2	3
8:00	0	3
9:00	0	0
10:00	0	0
11:00	0	0

4/2/2024

ITE 538 High School - Charter School (K-12) - Generator
Traffic Volumes to Intersection

	High School Driveway						Cockrell Hill Rd.					
Beginning Time	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
In:	0%	0%	0%	0%	0%	0%	0%	0%	20%	79%	0%	0%
Out:	0%	0%	0%	20%	0%	80%	0%	0%	0%	0%	0%	0%
12:00				0		0			0	0		
1:00				0		0			0	0		
2:00				0		0			0	0		
3:00				0		1			0	1		
4:00				0		0			0	0		
5:00				0		0			0	0		
6:00				0		1			8	30		
7:00				42		168			69	271		
8:00				28		113			25	98		
9:00				2		9			2	8		
10:00				3		11			5	19		
11:00				5		20			4	16		
12:00				6		23			5	19		
1:00				3		11			2	10		
2:00				5		20			16	63		
3:00				48		194			22	88		
4:00				27		107			15	58		
5:00				6		23			4	16		
6:00				4		14			3	12		
7:00				1		2			0	1		
8:00				1		2			0	0		
9:00				0		0			0	0		
10:00				0		0			0	0		
11:00				0		0			0	0		

4/2/2024

Total New Site Traffic

Total New Site Traffic

High School Driveway at Cockrell Hill Rd.

Beginning Time	High School Driveway						Cockrell Hill Rd.					
	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
12:00	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	1	0	0	0	1	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	0	0	0	0	1	0	0	8	30	0	0
7:00	0	0	0	42	0	168	0	0	69	271	0	0
8:00	0	0	0	28	0	113	0	0	25	98	0	0
9:00	0	0	0	2	0	9	0	0	2	8	0	0
10:00	0	0	0	3	0	11	0	0	5	19	0	0
11:00	0	0	0	5	0	20	0	0	4	16	0	0
12:00	0	0	0	6	0	23	0	0	5	19	0	0
1:00	0	0	0	3	0	11	0	0	2	10	0	0
2:00	0	0	0	5	0	20	0	0	16	63	0	0
3:00	0	0	0	48	0	194	0	0	22	88	0	0
4:00	0	0	0	27	0	107	0	0	15	58	0	0
5:00	0	0	0	6	0	23	0	0	4	16	0	0
6:00	0	0	0	4	0	14	0	0	3	12	0	0
7:00	0	0	0	1	0	2	0	0	0	1	0	0
8:00	0	0	0	1	0	2	0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0

B. 2026 Bkgd

2026 Background Traffic Volumes (Without Additionial Sites)

Existing Year: 2023 **Background Year:** 2026

Years Grown: 3 **Growth Rate:** 2.0% **Growth Factor:** 1.06

High School Driveway at Cockrell Hill Rd.

Beginning Time	High School Driveway						Cockrell Hill Rd.						Total:
	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	0	0	0	0	0	0	458	0	0	90	0	549
7:00	0	0	0	0	0	0	0	1,051	0	0	293	0	1,343
8:00	0	0	0	0	0	0	0	777	0	0	320	0	1,097
9:00	0	0	0	0	0	0	0	295	0	0	143	0	438
10:00	0	0	0	0	0	0	0	557	0	0	419	0	976
11:00	0	0	0	0	0	0	0	521	0	0	491	0	1,012
12:00	0	0	0	0	0	0	0	569	0	0	559	0	1,128
1:00	0	0	0	0	0	0	0	536	0	0	532	0	1,068
2:00	0	0	0	0	0	0	0	491	0	0	478	0	969
3:00	0	0	0	0	0	0	0	436	0	0	610	0	1,046
4:00	0	0	0	0	0	0	0	534	0	0	812	0	1,346
5:00	0	0	0	0	0	0	0	548	0	0	946	0	1,493
6:00	0	0	0	0	0	0	0	0	0	0	0	0	0
7:00	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00	0	0	0	0	0	0	0	0	0	0	0	0	0
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0

2026 Bkgd + HS

High School Driveway at Cockrell Hill Rd.

Beginning Time	High School Driveway						Cockrell Hill Rd.						Total:
	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	1	0	0	0	1	0	0	2
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	0	0	0	0	1	0	458	8	30	90	0	587
7:00	0	0	0	42	0	168	0	1,051	69	271	293	0	1,893
8:00	0	0	0	28	0	113	0	777	25	98	320	0	1,362
9:00	0	0	0	2	0	9	0	295	2	8	143	0	460
10:00	0	0	0	3	0	11	0	557	5	19	419	0	1,014
11:00	0	0	0	5	0	20	0	521	4	16	491	0	1,058
12:00	0	0	0	6	0	23	0	569	5	19	559	0	1,180
1:00	0	0	0	3	0	11	0	536	2	10	532	0	1,093
2:00	0	0	0	5	0	20	0	491	16	63	478	0	1,073
3:00	0	0	0	48	0	194	0	436	22	88	610	0	1,399
4:00	0	0	0	27	0	107	0	534	15	58	812	0	1,553
5:00	0	0	0	6	0	23	0	548	4	16	946	0	1,542
6:00	0	0	0	4	0	14	0	0	3	12	0	0	33
7:00	0	0	0	1	0	2	0	0	0	1	0	0	5
8:00	0	0	0	1	0	2	0	0	0	0	0	0	3
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0

2026 Bkgd + Life Charter School

High School Driveway at Cockrell Hill Rd.

Beginning Time	High School Driveway						Cockrell Hill Rd.						Total:
	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	1	0	0	0	1	0	0	2
4:00	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00	0	0	0	0	0	1	0	458	8	30	90	0	587
7:00	0	0	0	42	0	168	0	1,051	69	271	293	0	1,893
8:00	0	0	0	28	0	113	0	777	25	98	320	0	1,362
9:00	0	0	0	2	0	9	0	295	2	8	143	0	460
10:00	0	0	0	3	0	11	0	557	5	19	419	0	1,014
11:00	0	0	0	5	0	20	0	521	4	16	491	0	1,058
12:00	0	0	0	6	0	23	0	569	5	19	559	0	1,180
1:00	0	0	0	3	0	11	0	536	2	10	532	0	1,093
2:00	0	0	0	5	0	20	0	491	16	63	478	0	1,073
3:00	0	0	0	48	0	194	0	436	22	88	610	0	1,399
4:00	0	0	0	27	0	107	0	534	15	58	812	0	1,553
5:00	0	0	0	6	0	23	0	548	4	16	946	0	1,542
6:00	0	0	0	4	0	14	0	0	3	12	0	0	33
7:00	0	0	0	1	0	2	0	0	0	1	0	0	5
8:00	0	0	0	1	0	2	0	0	0	0	0	0	3
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0

4/2/2024

Traffic Signal Warrant Analysis - 2026 Bkgd + Life Charter School
202 - Danieldale Rd. at Willow Run Dr./Middle School Driveway

Warrants 1 - 3 (Volume Warrants)

Project Name	Life Charter School
Project/File #	001LUF
Scenario	2026 Bkgd + Life Charter School

Intersection Information			
Major Street (E/W Road)	Danieldale Rd.	Minor Street (N/S Road)	Willow Run Dr./Middle School Drivewa
Analyzed with	2 or more approach lanes	Analyzed with	2 or more approach lanes
Total Approach Volume	10440 vehicles	Total Approach Volume	1314 vehicles
Speed Limit	45 mph or greater	Speed Limit	35 mph or less
Right turn reduction of	100 percent applied	Right turn reduction of	50 percent applied

No high speed or isolated community reduction applied to the Volume Warrant thresholds.

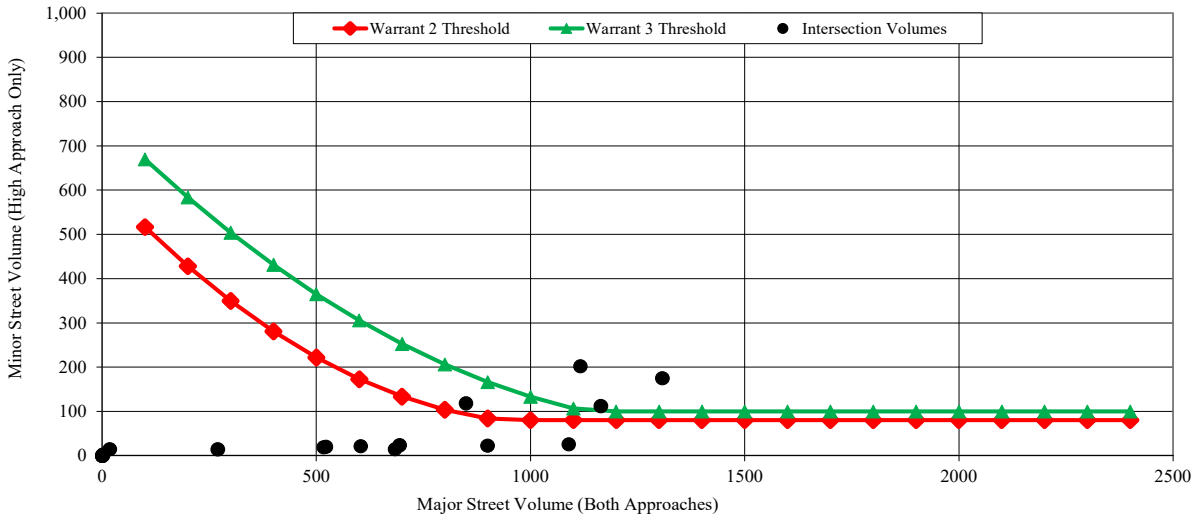
Warrant 1, Eight Hour Vehicular Volume			
	Condition A	**Condition B**	**Condition A+B***
Condition Satisfied?	**Not Satisfied**	**Not Satisfied**	**Not Satisfied**
Required values reached for	2 hours	4 hours	4 (Cond. A) & 4 (Cond. B)
Criteria - Major Street (veh/hr)	420	630	336 (Cond. A) & 504 (Cond. B)
Criteria - Minor Street (veh/hr)	140	70	112 (Cond. A) & 56 (Cond. B)

* Should be applied only after an adequate trial of other alternatives that could cause less delay and inconvenience to traffic has failed to solve the traffic problems.

Warrant 2, Four Hour Vehicular Volume	
Condition Satisfied?	**Satisfied**
Required values reached for	4 hours
Criteria	See Figure Below

Warrant 3, Peak Hour Vehicular Volume		
	Condition A	**Condition B**
Condition Satisfied?	**Not Satisfied**	**Satisfied**
Required values reached for	45 total, 18 minor, 0.5 delay	3 hours
Criteria - Total Approach Volume (veh in one hour)	650	See Figure Below
Criteria - Minor Street High Side Volume (veh in one hour)	100	
Criteria - Minor Street High Side Delay (veh-hrs)	4	

Figure 4C-2 (Warrant 2 - 70% Factor) & Figure 4C-4 (Warrant 3 - 70% Factor)



4/2/2024

Traffic Signal Warrant Analysis - 2026 Bkgd + HS
203 - High School Driveway at Cockrell Hill Rd.

Warrants 1 - 3 (Volume Warrants)

Project Name	Life Charter School
Project/File #	001LUF
Scenario	2026 Bkgd + HS

Intersection Information			
Major Street (N/S Road)	Cockrell Hill Rd.	Minor Street (E/W Road)	High School Driveway
Analyzed with	2 or more approach lanes	Analyzed with	2 or more approach lanes
Total Approach Volume	13356 vehicles	Total Approach Volume	899 vehicles
Speed Limit	45 mph or greater	Speed Limit	35 mph or less
Right turn reduction of	100 percent applied	Right turn reduction of	50 percent applied

No high speed or isolated community reduction applied to the Volume Warrant thresholds.

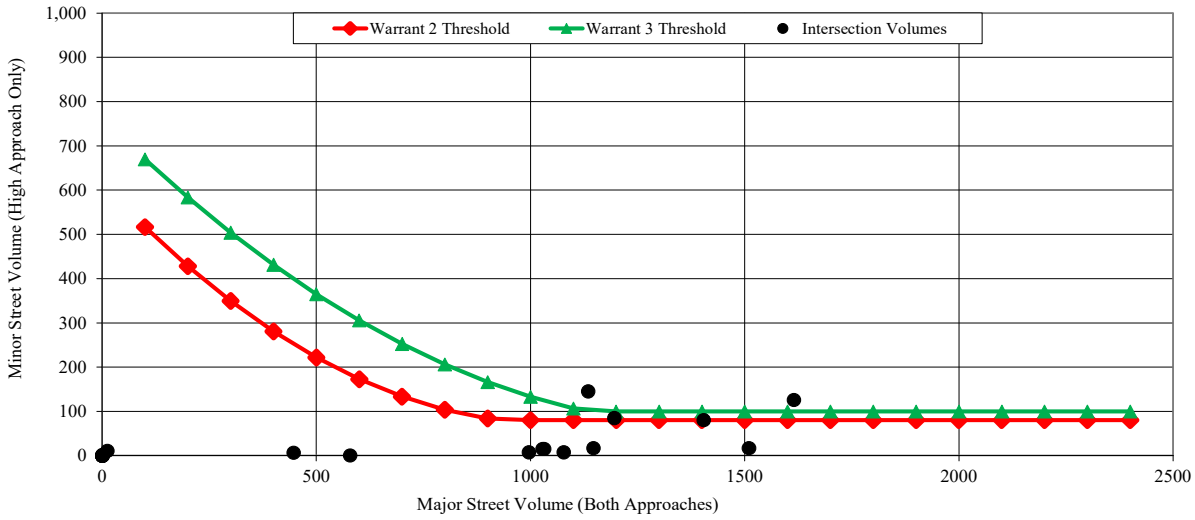
Warrant 1, Eight Hour Vehicular Volume			
	Condition A	**Condition B**	**Condition A+B***
Condition Satisfied?	**Not Satisfied**	**Not Satisfied**	**Not Satisfied**
Required values reached for	1 hour	4 hours	2 (Cond. A) & 4 (Cond. B)
Criteria - Major Street (veh/hr)	420	630	336 (Cond. A) & 504 (Cond. B)
Criteria - Minor Street (veh/hr)	140	70	112 (Cond. A) & 56 (Cond. B)

* Should be applied only after an adequate trial of other alternatives that could cause less delay and inconvenience to traffic has failed to solve the traffic problems.

Warrant 2, Four Hour Vehicular Volume	
Condition Satisfied?	**Satisfied**
Required values reached for	4 hours
Criteria	See Figure Below

Warrant 3, Peak Hour Vehicular Volume		
	Condition A	**Condition B**
Condition Satisfied?	**Not Satisfied**	**Satisfied**
Required values reached for	15 total, 0 minor, 0 delay	2 hours
Criteria - Total Approach Volume (veh in one hour)	650	See Figure Below
Criteria - Minor Street High Side Volume (veh in one hour)	100	
Criteria - Minor Street High Side Delay (veh-hrs)	4	

Figure 4C-2 (Warrant 2 - 70% Factor) & Figure 4C-4 (Warrant 3 - 70% Factor)



4/2/2024

Traffic Signal Warrant Analysis - 2026 Bkgd + Life Charter School
203 - High School Driveway at Cockrell Hill Rd.

Warrants 1 - 3 (Volume Warrants)

Project Name	Life Charter School
Project/File #	001LUF
Scenario	2026 Bkgd + Life Charter School

Intersection Information			
Major Street (N/S Road)	Cockrell Hill Rd.	Minor Street (E/W Road)	High School Driveway
Analyzed with	2 or more approach lanes	Analyzed with	2 or more approach lanes
Total Approach Volume	13356 vehicles	Total Approach Volume	899 vehicles
Speed Limit	45 mph or greater	Speed Limit	35 mph or less
Right turn reduction of	100 percent applied	Right turn reduction of	50 percent applied

No high speed or isolated community reduction applied to the Volume Warrant thresholds.

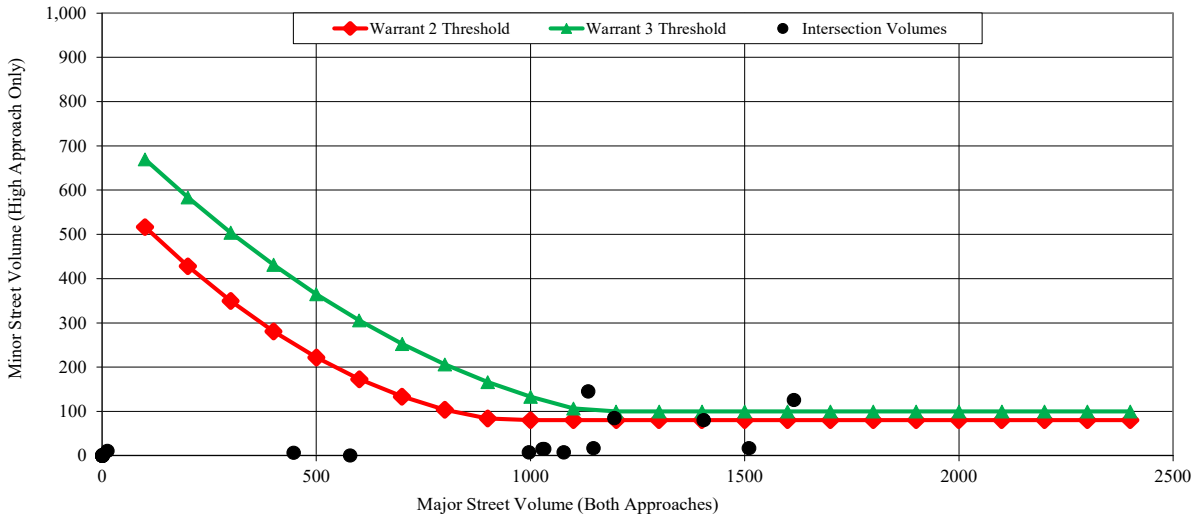
Warrant 1, Eight Hour Vehicular Volume			
	Condition A	**Condition B**	**Condition A+B***
Condition Satisfied?	**Not Satisfied**	**Not Satisfied**	**Not Satisfied**
Required values reached for	1 hour	4 hours	2 (Cond. A) & 4 (Cond. B)
Criteria - Major Street (veh/hr)	420	630	336 (Cond. A) & 504 (Cond. B)
Criteria - Minor Street (veh/hr)	140	70	112 (Cond. A) & 56 (Cond. B)

* Should be applied only after an adequate trial of other alternatives that could cause less delay and inconvenience to traffic has failed to solve the traffic problems.

Warrant 2, Four Hour Vehicular Volume	
Condition Satisfied?	**Satisfied**
Required values reached for	4 hours
Criteria	See Figure Below

Warrant 3, Peak Hour Vehicular Volume		
	Condition A	**Condition B**
Condition Satisfied?	**Not Satisfied**	**Satisfied**
Required values reached for	15 total, 0 minor, 0 delay	2 hours
Criteria - Total Approach Volume (veh in one hour)	650	See Figure Below
Criteria - Minor Street High Side Volume (veh in one hour)	100	
Criteria - Minor Street High Side Delay (veh-hrs)	4	

Figure 4C-2 (Warrant 2 - 70% Factor) & Figure 4C-4 (Warrant 3 - 70% Factor)



4/2/2024

Duncanville Life School Football

Duncanville, TX

Lighting System

Pole/Fixture Summary

Pole ID	Pole Height	Mtg Height	Fixture Qty	Luminaire Type	Load	Circuit
F1-F4	90'	90'	2	TLC-LED-900	1.76 kW	B
		90'	6	TLC-LED-1500	8.46 kW	A
		90'	6	TLC-LED-900	5.28 kW	A
		75'	2	TLC-RGBW	1.28 kW	C
		30'	2	TLC-BT-575	1.15 kW	A
T1-T2	50'	50'	6	TLC-LED-900	5.28 kW	B
6			**84**		**82.28 kW**	

Circuit Summary

Circuit	Description	Load	Fixture Qty
A	Field	59.56 kW	56
B	Track	17.60 kW	20
C	Bleacher	5.12 kW	8

Fixture Type Summary

Type	Source	Wattage	Lumens	L90	L80	L70	Quantity
TLC-BT-575	LED 5700K - 75 CRI	575W	52,000	>120,000	>120,000	>120,000	8
TLC-LED-1500	LED 5700K - 75 CRI	1410W	181,000	>120,000	>120,000	>120,000	24
TLC-LED-900	LED 5700K - 75 CRI	880W	104,000	>120,000	>120,000	>120,000	44
TLC-RGBW	LED 5700K - 75 CRI	640W	28,500	>120,000	>120,000	>120,000	8

Single Luminaire Amperage Draw Chart

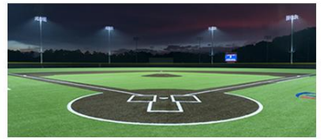
Driver Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-BT-575	3.3	3.2	2.9	2.5	2.0	1.8	1.5
TLC-LED-1500	8.4	7.9	7.3	6.3	5.0	4.6	3.6
TLC-LED-900	5.2	4.9	4.5	3.9	3.1	2.9	2.3
TLC-RGBW	4.5	4.3	3.8	3.3	2.7	1.9	1.9

Light Level Summary

Calculation Grid Summary

Grid Name	Calculation Metric	Illumination					Circuits	Fixture Qty
		Ave	Min	Max	Max/Min	Ave/Min		
Away Bleacher	Horizontal	7.0	4.56	10.96	2.40	1.54	C	8
Football	Horizontal Illuminance	57.5	50.68	65.02	1.28	1.13	A	56
Home Bleacher	Horizontal	6.5	2.79	9.90	3.55	2.32	C	8
Property Line Spill	Horizontal Illuminance	0.001	0.0000	0.0169	-	-	A,B	76
Soccer	Horizontal Illuminance	58.4	54.13	64.13	1.18	1.08	A	56
Track	Horizontal Illuminance	45.9	29.92	67.76	2.26	1.54	A,B	76

From Hometown to Professional



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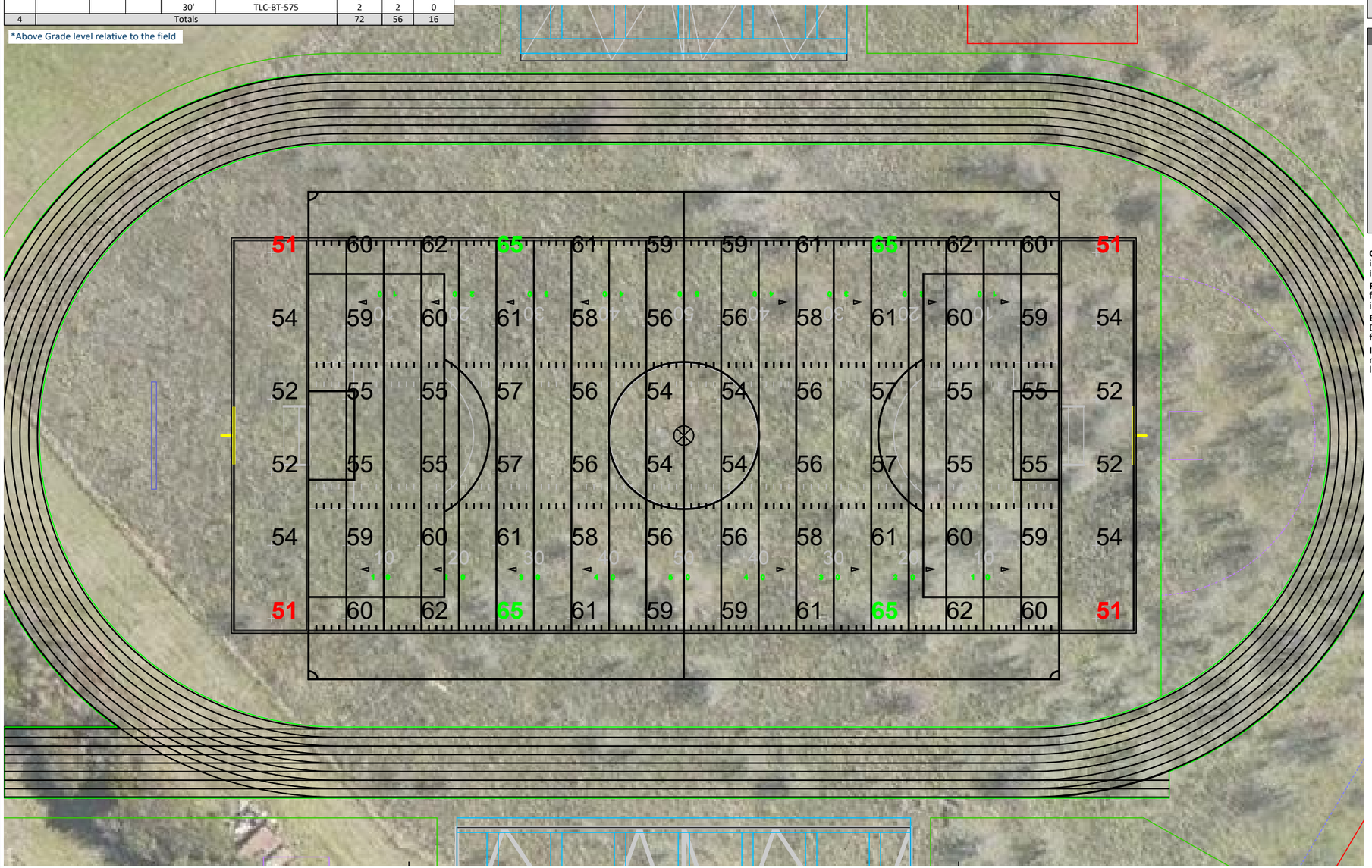
PROJECT SUMMARY

Equipment List For Areas Shown

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	ABOVE GRADE LEVEL	LUMINAIRE TYPE	QTY/POLE	THIS GRID	OTHER GRIDS
4	F1-F4	90'	-	90'	TLC-LED-1500	6	6	0
				90'	TLC-LED-900	8	6	2
				75'	TLC-RGBW	2	0	2
				30'	TLC-BT-575	2	2	0
4	Totals					72	56	16

*Above Grade level relative to the field



SCALE IN FEET 1 : 40

0' 40' 80'

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Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊠

Duncanville Life School Football

Duncanville, TX

Grid Summary

Name	Football
Size	360' x 160'
Spacing	30.0' x 30.0'
Height	3.0' above grade

Illumination Summary

MAINTAINED HORIZONTAL FOOTCANDLES	Entire Grid
Scan Average	**57.5**
Maximum	65.02
Guaranteed Minimum	**50**
Minimum	50.68
Avg/Min	1.13
Guaranteed Max/Min	**2**
Max/Min	1.28
UG (adjacent pts)	1.19
CU	0.51
No. of Points	72
LUMINAIRE INFORMATION	
Applied Circuits	A
No. of Luminaires	**56**
Total Load	59.56 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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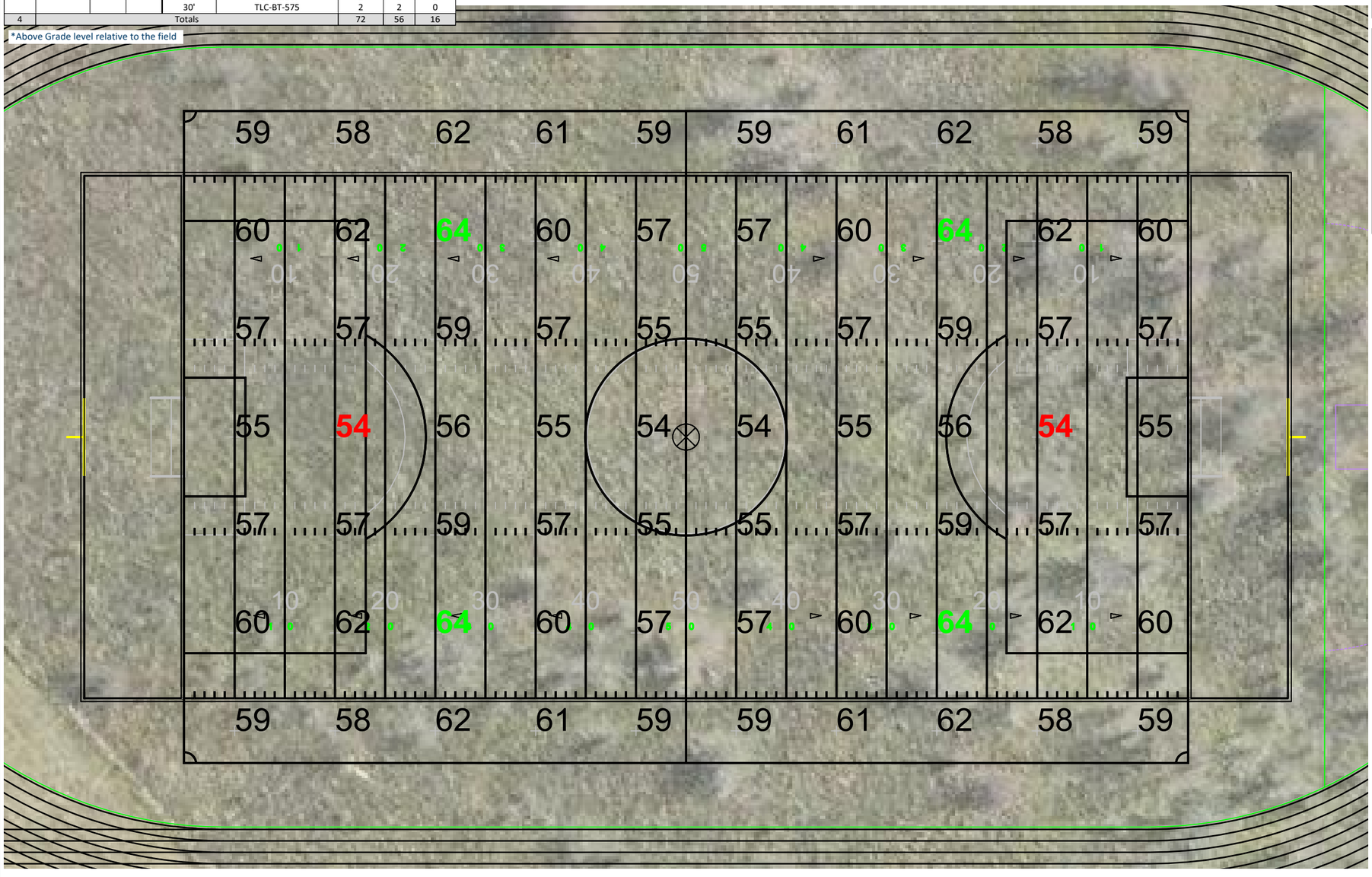
ILLUMINATION SUMMARY

Equipment List For Areas Shown

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	ABOVE GRADE LEVEL	LUMINAIRE TYPE	QTY/POLE	THIS GRID	OTHER GRIDS
4	F1-F4	90'	-	90'	TLC-LED-1500	6	6	0
				90'	TLC-LED-900	8	6	2
				75'	TLC-RGBW	2	0	2
				30'	TLC-BT-575	2	2	0
4	Totals					72	56	16

*Above Grade level relative to the field



SCALE IN FEET 1 : 30

0' 30' 60'

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Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊠

Duncanville Life School Football

Duncanville, TX

Grid Summary

Name	Soccer
Size	300' x 200'
Spacing	30.0' x 30.0'
Height	3.0' above grade

Illumination Summary

	MAINTAINED HORIZONTAL FOOTCANDLES
	Entire Grid
Scan Average	**58.4**
Maximum	64.13
Guaranteed Minimum	**50**
Minimum	54.13
Avg/Min	1.08
Guaranteed Max/Min	**2**
Max/Min	1.18
UG (adjacent pts)	1.09
CU	0.50
No. of Points	70
LUMINAIRE INFORMATION	
Applied Circuits	A
No. of Luminaires	**56**
Total Load	59.56 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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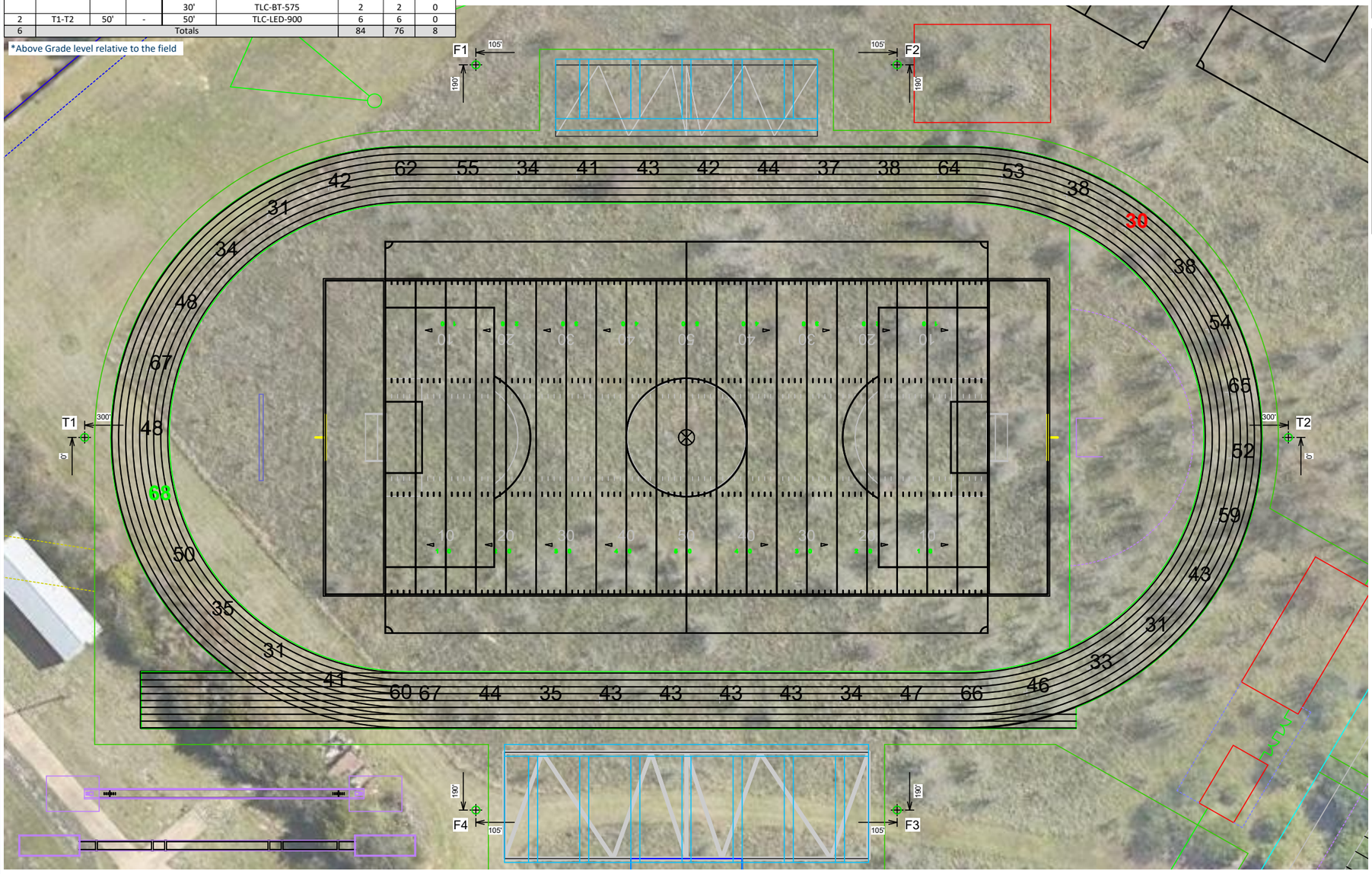
ILLUMINATION SUMMARY

Equipment List For Areas Shown

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	ABOVE GRADE LEVEL	LUMINAIRE TYPE	QTY/POLE	THIS GRID	OTHER GRIDS
4	F1-F4	90'	-	90'	TLC-LED-1500	6	6	0
				90'	TLC-LED-900	8	8	0
				75'	TLC-RGBW	2	0	2
				30'	TLC-BT-575	2	2	0
2	T1-T2	50'	-	50'	TLC-LED-900	6	6	0
6	Totals					84	76	8

*Above Grade level relative to the field



SCALE IN FEET 1 : 50

0' 50' 100'

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Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊠

Duncanville Life School Football

Duncanville, TX

Grid Summary

Name	Track
Size	Irregular
Spacing	30.0' x 30.0'
Height	3.0' above grade

Illumination Summary

MAINTAINED HORIZONTAL FOOTCANDLES	Entire Grid
Scan Average	**45.9**
Maximum	67.76
Guaranteed Minimum	**30**
Minimum	29.92
Avg/Min	1.54
Guaranteed Max/Min	**3**
Max/Min	2.26
UG (adjacent pts)	0.00
CU	0.19
No. of Points	44
LUMINAIRE INFORMATION	
Applied Circuits	A,B
No. of Luminaires	**76**
Total Load	77.16 kW

Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

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ILLUMINATION SUMMARY

Duncanville Life School Football

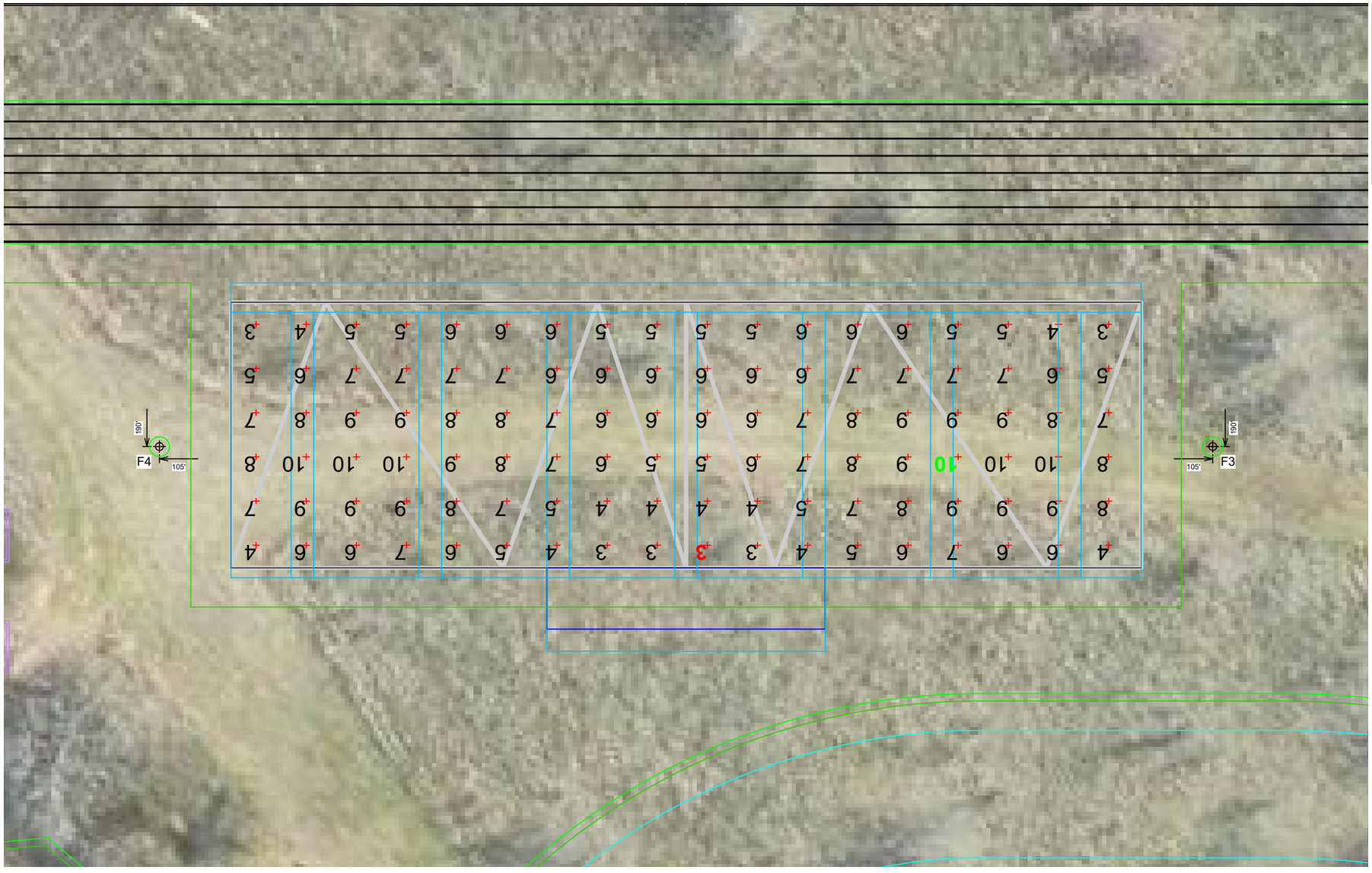
Duncanville, TX

Grid Summary

Name	**Home Bleacher**
Spacing	10.0' x 10.0'

Illumination Summary

MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average	**6.5**
Maximum	9.90
Minimum	2.79
Avg/Min	2.32
Max/Min	**3.55**
UG (adjacent pts)	1.79
CU	0.33
No. of Points	108
LUMINAIRE INFORMATION	
Applied Circuits	C
No. of Luminaires	**8**
Total Load	5.12 kW



Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

SCALE IN FEET 1 : 20

0' 20' 40'

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Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊠

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ILLUMINATION SUMMARY

Duncanville Life School Football

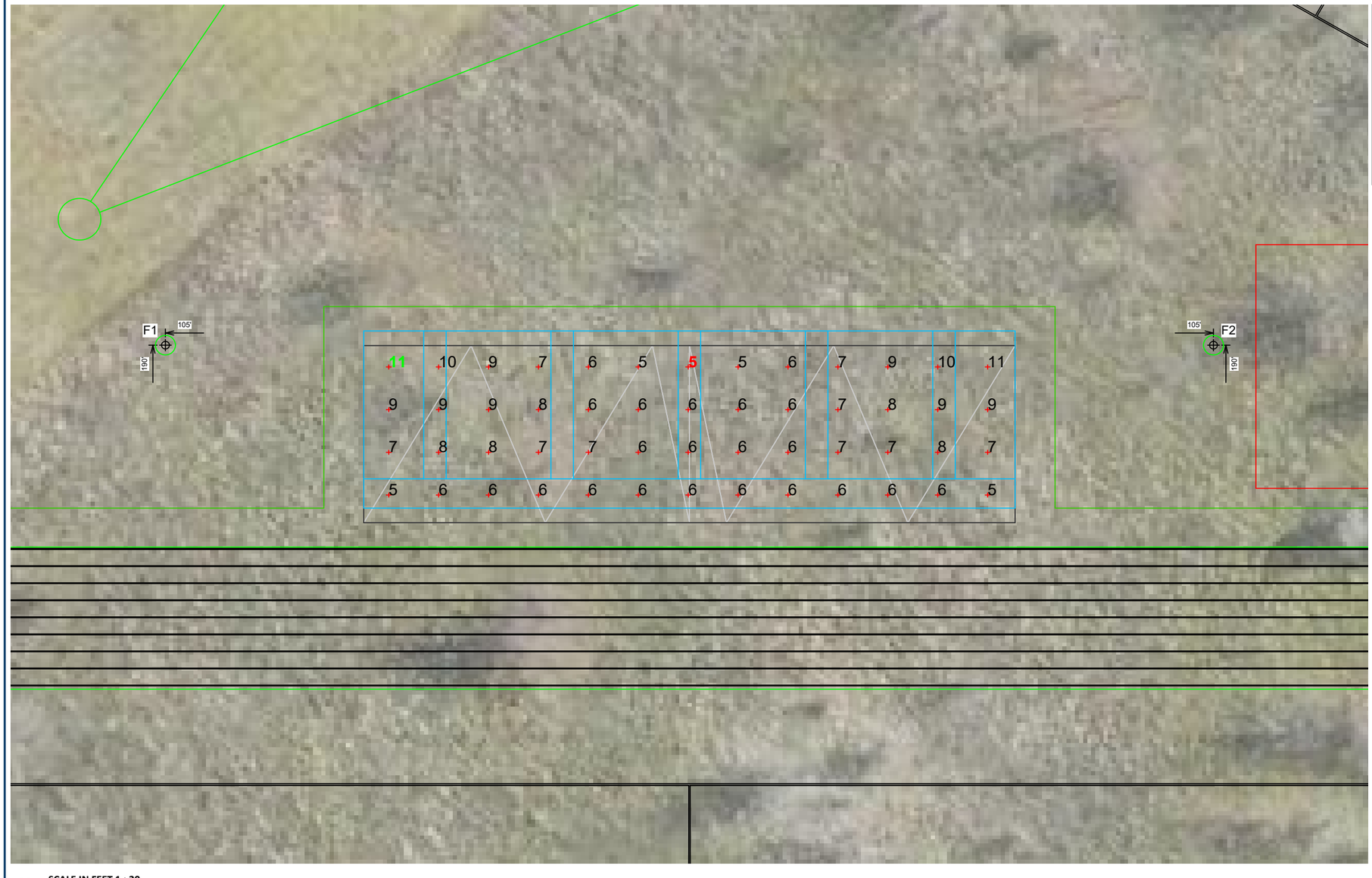
Duncanville, TX

Grid Summary

Name	**Away Bleacher**
Spacing	10.0' x 10.0'

Illumination Summary

MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average	**7.0**
Maximum	10.96
Minimum	4.56
Avg/Min	1.54
Max/Min	**2.40**
UG (adjacent pts)	1.39
CU	0.14
No. of Points	52
LUMINAIRE INFORMATION	
Applied Circuits	C
No. of Luminaires	**8**
Total Load	5.12 kW



Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

SCALE IN FEET 1 : 20

0' 20' 40'

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Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊠

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ILLUMINATION SUMMARY

Duncanville Life School Football

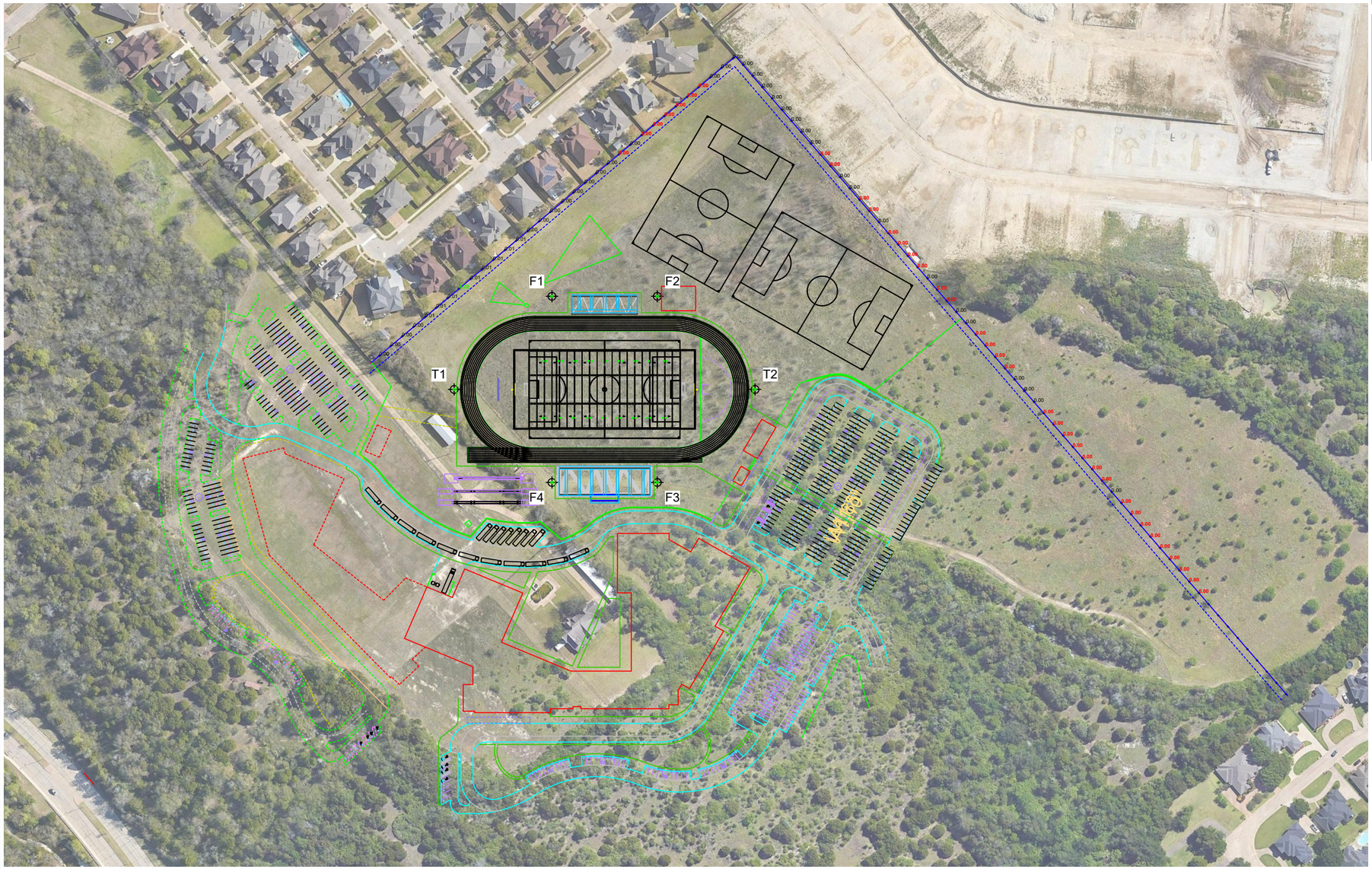
Duncanville, TX

Grid Summary

Name	**Property Line Spill**
Spacing	30.0' x 30.0'
Height	3.0' above grade

Illumination Summary

MAINTAINED HORIZONTAL FOOTCANDLES	
	Entire Grid
Scan Average	**0.001**
Maximum	0.0169
Minimum	0.0000
CU	0.00
No. of Points	89
LUMINAIRE INFORMATION	
Applied Circuits	A,B
No. of Luminaires	**76**
Total Load	77.16 kW



Guaranteed Performance: The ILLUMINATION described above is guaranteed per your Musco Warranty document and includes a 0.95 dirt depreciation factor.

Field Measurements: Individual field measurements may vary from computer-calculated predictions and should be taken in accordance with IESNA RP-6-15.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

SCALE IN FEET 1 : 200

0' 200' 400'

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Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊠

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ILLUMINATION SUMMARY

Duncanville Life School Football

Duncanville, TX

Equipment Layout

INCLUDES:
· Football
· Soccer
· Track

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume ± 3% nominal voltage at line side of the driver and structures located within 3 feet (1m) of design locations.

Equipment List For Areas Shown

Pole				Luminaires		
QTY	LOCATION	SIZE	GRADE ELEVATION	ABOVE GRADE LEVEL	LUMINAIRE TYPE	QTY/POLE
4	F1-F4	90'	-	90'	TLC-LED-1500	6
				90'	TLC-LED-900	8
				75'	TLC-RGBW	2
				30'	TLC-BT-575	2
2	T1-T2	50'	-	50'	TLC-LED-900	6
6	Totals					84

Single Luminaire Amperage Draw Chart

Driver Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
TLC-BT-575	3.3	3.2	2.9	2.5	2.0	1.8	1.5
TLC-LED-1500	8.4	7.9	7.3	6.3	5.0	4.6	3.6
TLC-LED-900	5.2	4.9	4.5	3.9	3.1	2.9	2.3
TLC-RGBW	4.5	4.3	3.8	3.3	2.7	1.9	1.9

SCALE IN FEET 1 : 120
0' 120' 240'

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Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊠

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EQUIPMENT LAYOUT

Development Services
Planning Divsion
City Hall Annex - 103 E. Wheatland Rd., Duncanville, TX 75116
P.O. Box 380280, Duncanville, TX 75137
972-780-5057, 972-707-3878
planningandzoning@duncanvilletx.gov

Duncanville
City of Champions

ZONING CHANGE APPLICATION

CONTACT INFORMATION

Applicant/ Agent Brian Nelson **Contact:** Bnelson@hksinc.com

☐ **Engineer** ☑ **Architect** ☐ **Surveyor** ☐ **Owner** ☐ **Other**

Applicant/Agent Address: 325 N. Saint Paul St **City:** Dallas **State:** Dallas **Zip:** 75201

Agent Email: Bnelson@hksinc.com **Telephone:** 214-969-3197 **(Fax)** NA

Property Owner: Life School Contact: Shawn Thomas

Owner Address 132 East Ovilla Road, Suite A City: Red Oak State: Texas Zip: 75154

Owner Email: shawn.thomas@lifeschool Telephone: 469-850-5433 (Fax) NA

REQUIRED

PROPERTY INFORMATION

Property Address: 1000 East Danieldale Road, Duncanville Texas 75137

Legal Description of Property: Nel A Ayers Survey, Abstract No. 11 in the city of Duncanv

Lot No. 1 Block No. 1 Acreage: 105.237 Existing Zoning District: SF-13

REQUIRED

REQUEST TYPE

☐ Specific Use Permit - Commercial
For _____

☐ Specific Use Permit - Residential
For _____

☑ Change in Zoning
From SF-13 To Planned Development

☑ Planned Development (PD)
☐ Amend PD Approval
☐ Development Plan Approval
☐ Conceptual Plan Approval
☐ Alternative Compliance Request
☐ Text Amendment

REQUIRED

SUBMITTAL DOCUMENTS

ALL ZONING REQUESTS MUST CONTAIN THE FOLLOWING DOCUMENTATION

☑ Completed application
☑ Application fee
☑ Property survey, or site plan or electronic copy of the metes and bounds legal description Microsoft word format or plat
☑ Written description of request (associated variance requests require justification), business statement or business plan with detailed description of proposed operation
☑ Electronic copies of all submittals via email

REQUIRED

Completed applications may be emailed to planningandzoning@duncanvilletx.gov.

Acknowledgments

I understand that all required information and plans must be submitted with this application or the application be deemed incomplete.

I hereby authorize the placing of a sign on subject property indicating a zoning change is under consideration.

I understand the requirements of the zoning classifications as stated in the City of Duncanville Zoning Ordinance related to this request and will comply with all necessary requirements of the City codes. I am aware that the City Council has the power to zone land as most appropriate in their wisdom, to promote the health, safety, and morals and for the protection and preservation of places of historical or cultural importance, and the general welfare of the community.

I have read and understand this application and certify that all information and attachments are true and correct. I certify that I am the owner of the property involved in this request or have authorization to act as the owner's agent for the request described. Applicants (or a representative) are expected to be present at all public hearings concerning this application to justify and explain their request and to answer questions posed by the City Planning and Zoning Commission and City Council.

Barry West
Signature of Current Property Owner

4/1/24
Date

Notarization

BEFORE ME, Mary Lou Walker, on this day personally appeared Barry West, known to or proved to me on the oath of _____ or through TX Drivers Lic (description of identity card or other document) to be the person(s) whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 1 day of April, 2024.

(Seal)

MARY LOU WALKER
Notary Public, State of Texas
Comm. Expires 07-29-2024
Notary ID 5698391

Mary Lou Walker
Notary Public in and for the State of Texas
My Commission Expires: 7-29-2024

2

Following is to be completed only if a person other than the owner is submitting this application.

Owner Validation

Applicant has permission to pursue a zoning change on the property located at 1600 S. COCKRELL HILL RD. with the City of Duncanville.

Barry West — 4/1/24

Signature of Owner/Agent — Date

BEFORE ME, Mary Lou Walker, on this day personally appeared Barry West, known to or proved to me on the oath of — or through TX Drivers Lic (description of identity card or other document) to be the person(s) whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 1 day of April, 2024.

(SEAL)

MARY LOU WALKER
Notary Public, State of Texas
Comm. Expires 07-29-2024
Notary ID 5698391

Mary Lou Walker

Notary Public in and for the State of Texas

My Commission Expires: 7-29-2024

3

SUBMITTAL CHECKLIST

Specific Use Permit - Commercial

Please check if applicable

YES	N/A	
☐	☐	Written Letter with detailed description of proposed operation
☐	☐	Site Plan
☐	☐	Building Elevation and Signage Plan
☐	☐	Landscape Plan
☐	☐	Floor Plans
☐	☐	Other _____

Specific Use Permit - Residential

Please check if applicable

YES	N/A	
☐	☐	Written Letter of Intent with detailed description of request
☐	☐	HOA approval letter (if applicable)
☐	☐	Drawings, spec sheets, diagrams or other documents in electronic format (PDF)
☐	☐	Letter from owner (if applicant is not owner) and/or approval letter from HOA (if applicable)
☐	☐	Other _____

Planned Development

YES	N/A	
☑	☐	Written Letter with detailed description of proposed development with proposed conditions
☐	☑	Conceptual Plan

(The purpose of a Conceptual Plan is to provide a general layout of the proposed development prior to a more specific Development Plan being submitted. A Conceptual Plan shall be construed to be an illustration of the development concepts only and not an exact representation of the specific development proposed.)

☑ ☐ Development Plan with proposed PD Conditions

(The purpose of a Development Plan is to specifically illustrate the proposed location and arrangement of uses and structures, the relationship of such uses to base zoning districts, development phasing, planned public improvements, open space, proposed amenities and the overall design of the development. Development Plan shall be incorporated into the regulations of the PD ordinance, shall be construed in conjunction with the authorized uses and development standards set forth in such regulations, and shall be in general conformity with the approved Conceptual Plan for the PD (if applicable).

REQUIRED

Development Plan Submittal includes the following:

- [x] Site plan
- [x] Building Elevations
- [x] Landscape plan
- [x] Floor Plans
- [x] Other Traffic Management Plan, Stadium Lighting Plan

Amendment of Planned Development

YES	N/A	
☐	☐	Written Letter with Detailed Description of proposed operation including list of proposed changes.
☐	☐	Revised Development Plan

Development Plan

YES	N/A	
☐	☐	Proposed PD Conditions
☐	☐	Site plan
☐	☐	Building Elevations
☐	☐	Landscape Plan
☐	☐	Floor Plans
☐	☐	Other _____

Change of Zoning

☐ ☐ Written Detailed Description of request including how the request considers the following factors:

- Whether the proposed change of zoning change implements the policies of the adopted Comprehensive Plan
- Whether the uses allowed by the proposed change will be appropriate in the immediate area concerned and their relationship to the general area and the City as a whole;
- Whether the proposed change is in accordance with any existing or proposed plans for providing public schools, streets, water supply, sanitary sewers, and other utilities to the area;
- The amount of and development absorption (or redevelopment) rate of vacant or underutilized land currently classified for similar development in the vicinity and elsewhere in the City, and any special circumstance which may make a substantial part of such vacant land unavailable for development;
- How other areas designated for similar development will be, or are unlikely to be, affected if the proposed amendment is approved, and whether such designation for other areas should be modified also; and any other factors which substantially affect the public health, safety, morals, or general welfare.

REQUIRED

APRIL 02, 2024

LIFE SCHOOL – PLAN DEVELOPMENT

Life School Plan Development to comply with City of Ordinances City of Duncanville as published April 1, 2024.

LIFE SCHOOL PLAN DEVELOPMENT

1) Location: established on property located on the Northwest corner of the intersection of E. Danieldale Road and S. Cockrell Hill Road.
2) Size: 105.2373 Acres.

PROPERTY OWNER:

The property owner for the Life School Plan Development is:
Life School
132 East Ovilla Road, Suite A
Red Oak, Texas 75154

EXHIBITS.

The following exhibits are incorporated into this article:
1) Exhibit A: Architectural Site Development Plan
2) Exhibit B: Traffic Management Plan.
3) Exhibit C: Stadium Lighting Concept Plan.

ZONING DISTRICT

The existing SF-13 Single Family District to be changed to Plan Development.
The Plan Development shall change the current zoning from SF-13 requiring a SUP (Specific Use Permit) for Education facilities, to Plan Development and to allow for Education Facility type by right.

DEVELOPMENT PLAN DESCRIPTION

The Plan Development as outlined, is to establish a Zoning District for the development of a Public School, and all associated infrastructure and site needs.
1) Site Area: 105.23 Acres.
2) Building Area : 340,000 sf
3) Building Height : 2 story (excluding Stadium bleachers and press box) Building Use:
   a) Public School and associate support structures.
   b) Football Stadium with bleachers and press box
   c) Associated support structures

APRIL 02, 2024

ACCESSORY USES.
All Accessory buildings will comply with Section 4.06, with the exception of the Press Box and Bleachers at Stadium.
Accessory Building are not required to meet Section 4.03 Design Standards, nor Section 4.13 Exterior Wall Coving Requirements.

YARD, LOT, AND SPACE REGULATIONS.
Except as provided in this section, the yard, lot, and space regulations for the SF-13 Single Family District apply.

1) Floor area.
   a) The maximum floor area for all buildings combined is 355,000 sf.
2) Height.
   a) Except as provided in this section, maximum structure height is 40 feet.
   b) For the Stadium Press Box, the maximum structure height is 60 feet.
   c) Stadium Lighting, no maximum light pole height, poles to be designed as required for stadium lighting needs.
      i) See Exhibit C: Stadium Lighting Concept Plan

OFF-STREET PARKING AND LOADING.
In general, except as provided in this section, consult the use regulations in Article 4 Section 4.04 for the specific off-street parking and loading requirements for each use.
Education Facility.

Off-street parking and loading must be provided as shown on the development plan.

1) Parking Space Requirements:
   a) Middle School:
      i) 2 spaces per Homeroom Classroom
   b) High School:
      i) 8 spaces per Homeroom Classroom
   c) Stadium Parking:
      i) 1 space per 4.5 seats
2) During non-school hours, parallel parking permitted in drive aisles outside of designated fire lanes.
3) Individual parallel parking spaces in drive aisle will not be striped.

LANDSCAPING AND TREE PRESERVATION.
Except as noted in this section, the site will comply with City of Duncanville

landscape and tree ordinance requirements:

1) Tree survey will include protected trees within anticipated disturbed areas of the site only. All other undisturbed areas of the site will show approximate existing tree canopy mass only.
2) Existing trees that conflict with overhead or underground utilities, or those located within required visibility easements, are exempt from tree removal and mitigation requirements.
3) Existing trees will satisfy street tree requirements along S. Cockrill Hill Road and E. Danieldale Road.
4) Existing trees will satisfy residential buffer requirements where present along east and south property boundaries adjacent to residential zoning.
5) Bradford Pear trees (Pyrus Calleryana), or similar invasive pear cultivars, shall be considered non-protected trees and therefore not subject to tree removal and mitigation requirements.

SITE LIGHTING

Except as noted in this section, the site will comply with City of Duncanville Lighting Requirements Section 4.05

1) Exception as noted:
    a) Stadium Lighting fixture types are allowed as required for Stadium Events.
        i) See Exhibit XXX.
2) Stadium Lighting to comply with Section 4.05.C.1B

SITE GROUND SIGNAGE

Except as noted in this section, the site will comply with City of Duncanville Monument Sign Section 16A-31

1) Height – Maximum height to be 8’
2) Maximum area – 160 SF.
3) 2 signs are permitted along each street frontage.

SCREENING AND BUFFERING.

Section 4.07.2 & 4.07.3 compliance not required due to distance of service yard from adjacent properties and street right of way.

Section 4.07.4 compliance not required due to distance of building from adjacent properties and street right of way.

FLAGS

Number of flags shall be limited to 6 flag poles for entire property.

Each flag pole is permitted to have 2 flags.

FENCING.

Except as noted in this section, the site will comply with City of Duncanville Article X.

1) Ornamental fencing up to 6' to be allowed along the street frontage. no restrictions on fencing type up to 8' allowed for side and rear yards or within the property boundaries. Ornamental gates or barrier swing gates to be allowed at driveway entrances that comply with City of Duncanville and DFD requirements for such gates.
2) TEA Guidelines shall be allowed to govern site fencing requirements.

EXTERIOR DESIGN STANDARDS.

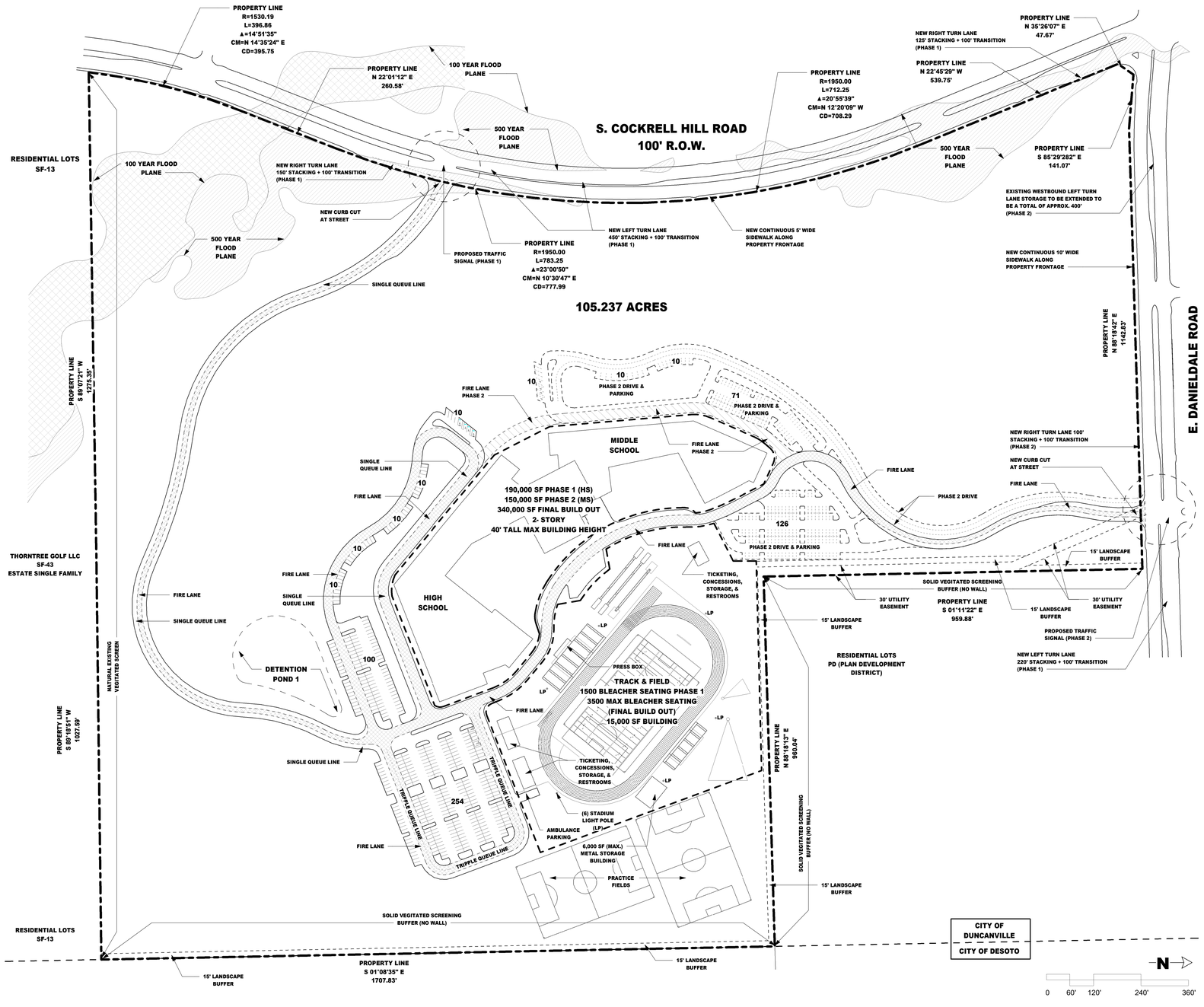
Educational Facilities are exempt from complying with section 4.03 Design Standards & section 4.13 Exterior wall covering requirements.

1) General description of exterior – Exterior Design of buildings will meet intent of Section 4.03 Design Standards
2) Exterior Elevations are not required to have built physical depth articulation nor height articulation for reasons of safety and security of Students, Staff, and Visitors.

SEQUENCE OF DEVELOPMENT.

The Sequence of Development is outlined as follows:

1) Phase 1:
    a) High School
    b) Associated Parking
    c) Stadium with bleachers
        i) Parking Spaces will be adequately provided for Phase 1 bleacher count.
2) Phase 2:
    a) Middle School
    b) Associated Parking
    c) Stadium with bleachers
        i) Parking Spaces will be adequately provided for Phase 1 bleacher count.



PARKING - SPACES AT 18' LONG X 9' WIDE TYP.

SCHOOL TYPE	NUMBER OF CLASSROOMS	PARKING SPACES REQUIRED	PARKING SPACES PROVIDED
HIGH SCHOOL PHASE 1	41 HOME ROOM	328 8 PER CLASS	404
MIDDLE SCHOOL PHASE 2	28 HOME ROOM	56 2 PER CLASS	227
TOTAL		384	631
HC	404 HS (PHASE 1)	301-400 = 8 HC	8
	227 MS (PHASE 2)	301-300 = 7 HC	8

SITE INFORMATION

TOTAL SITE = 105.2373 ACRES
(4,584,136.7 SF)

BUILDING:
355,000 SF

2-STORY
40' BUILDING HEIGHT

FLOOR AREA RATION : .0774

LOT COVERAGE : 07.7%

IMPERVIOUS COVERAGE

BUILDING =	205,000 SF
SURFACE LOTS AND DRIVES =	712,000 SF
TOTAL IMPERVIOUS COVERAGE =	918,000 SF
PERCENT COVERAGE =	20%

CAR QUEUE LENGTH

PHASE 1 - HIGH SCHOOL =	5,875 LF
PHASE 2 - MIDDLE SCHOOL =	3,600 LF
TOTAL PROPOSED QUEUE =	9,475 LF

LIFE SCHOOL DUNCANVILLE (CHARTER) FOR LIFE SCHOOL

SOUTHEAST CORNER
E. DANIELDALE ROAD & S. COCKRELL HILL ROAD
DUNCANVILLE, TEXAS 75137

MAY 28, 2024

LIFE SCHOOL

OWNER:
LIFE SCHOOL
132 EAST OVILLA ROAD
SUITE A
RED OAK, TEXAS 75154

HKS

ARCHITECT:
HKS, INC.
350 N. SAINT PAUL ST.
SUITE 100
DALLAS, TX 75201

SCALE = 1" = 120'

SITE PLAN

© 2024 HKS INC.

TRANSMITTAL

To: **ATTN: Steve Miller**
Development Services - Engineering
203 E Wheatland Road
Duncanville, Texas 75116

From: **Abdullah Emad**

Date: 05/29/2024
RLG No.: #2413.004

Project: **Life School – Duncanville**
Re: **Re: June 3 P&Z Drawings**

We are transmitting:

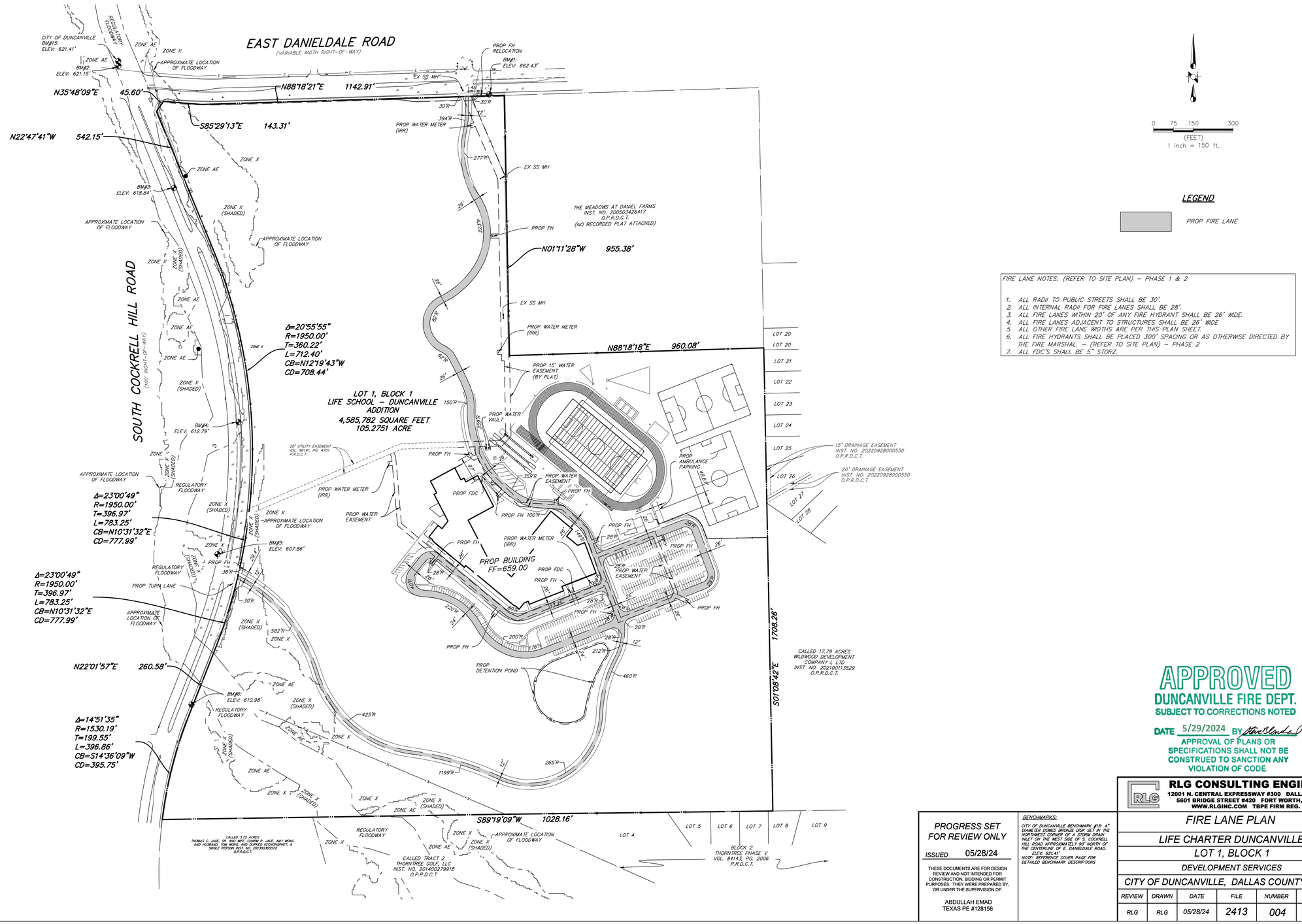
- ☒ Prints
- ☐ Originals
- ☐ Shop Drawings
- ☐ Specifications
- ☐

- ☐ Attached
- ☐ Under Separate Cover
- ☒ As Requested
- ☐

- ☒ For Your Use
- ☐ Review and Comment
- ☐ No Exception Taken
- ☐ See Comments
- ☐ Revise and Resubmit

No. Copies	Description
2	Preliminary Plat (24”x36”)
2	PD Site Plans w/ Phase 1&2 Identified
2	Fire Marshal Approved Fire Lane Plan
1	Check ($250) Plat Review Fee
1	Traffic Impact Analysis

Message:



LEGEND

PROP FIRE LANE

FIRE LANE NOTES: (REFER TO SITE PLAN) – PHASE 1 & 2

1. ALL RADII TO PUBLIC STREETS SHALL BE 30'.
2. ALL INTERNAL RADII FOR FIRE LANES SHALL BE 28'.
3. ALL FIRE LANES WITHIN 20' OF ANY FIRE HYDRANT SHALL BE 26' WIDE.
4. ALL FIRE LANES ADJACENT TO STRUCTURES SHALL BE 28' WIDE
5. ALL OTHER FIRE LANE WIDTHS ARE PER THIS PLAN SHEET.
6. ALL FIRE HYDRANTS SHALL BE PLACED 300' SPACING OR AS OTHERWISE DIRECTED BY THE FIRE MARSHAL. – (REFER TO SITE PLAN) – PHASE 2
7. ALL FDC'S SHALL BE 5" STORZ.

APPROVED
DUNCANVILLE FIRE DEPT.
SUBJECT TO CORRECTIONS NOTED
DATE 5/29/2024 **BY** Steve Lindsey
APPROVAL OF PLANS OR SPECIFICATIONS SHALL NOT BE CONSTRUED TO SANCTION ANY VIOLATION OF CODE.

RLG CONSULTING ENGINEERS
12001 N. CENTRAL EXPRESSWAY #300 DALLAS, TX 75243
5601 BRIDGE STREET #420 FORT WORTH, TX 76112
WWW.RLGINC.COM TBPE FIRM REG. F-493

PROGRESS SET FOR REVIEW ONLY

ISSUED 05/28/24

THESE DOCUMENTS ARE FOR DESIGN REVIEW AND NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES. THEY WERE PREPARED BY, OR UNDER THE SUPERVISION OF:

ABDULLAH EMAD
TEXAS PE #128156

BENCHMARKS:

CITY OF DUNCANVILLE BENCHMARK #15: 4" DIAMETER DOMED BRONZE DISK SET IN THE NORTHWEST CORNER OF A STORM DRAIN INLET ON THE WEST SIDE OF S. COCKRELL HILL ROAD APPROXIMATELY 90' NORTH OF THE CENTERLINE OF E. DANIELDALE ROAD.
ELEV: 621.41'
NOTE: REFERENCE COVER PAGE FOR DETAILED BENCHMARK DESCRIPTIONS

FIRE LANE PLAN
LIFE CHARTER DUNCANVILLE
LOT 1, BLOCK 1
DEVELOPMENT SERVICES
CITY OF DUNCANVILLE, DALLAS COUNTY, TEXAS

REVIEW	DRAWN	DATE	FILE	NUMBER	SHEET
RLG	RLG	05/28/24	2413	004	C14.00

P:\DATA\2024\241004 Life Charter Phase 1\8 - Project Drawings\241-00 FIRE LANE PLAN.dwg, 5/29/2024 8:37:08 AM, Eddie Cedano

Draft

Duncanville City Council Meeting Minutes
Regular Meeting
Tuesday, May 21, 2024

CALL TO ORDER

A regular meeting of the Duncanville City Council was called to order on Tuesday, May 21, 2024, at 6:00 p.m. in the Council Briefing Room at City Hall with a quorum to wit:

COUNCIL PRESENT:

Mayor Barry L. Gordon
Councilmember At-Large DeMonica Gooden
Councilmember Joe Veracruz
Councilmember Don McBurnett
Councilmember Jeremy Koontz
Councilmember Karen Cherry-Brown
Mayor-elect Greg Contreras
Councilmember Kyle Pennebaker

COUNCIL ARRIVING AT:

COUNCIL ABSENT:

WORK SESSION / BRIEFING

1. DISCUSS AGENDA ITEMS

Mayor Gordon read the item into the record, and City Manager Finch reviewed each item.

2. CITY COUNCIL CALENDAR

City Secretary Chiquita Taylor reviewed the council calendar.

3. BRIEFINGS / PRESENTATIONS

A. ***Discuss the selection of Mr. and Ms. Juneteenth to represent the City of Duncanville at the annual Best Southwest Juneteenth event.***
Presented by Parks and Recreation Director Bart Stevenson.

B. ***Receive a presentation from the Duncanville Police Department to utilize federal equitable sharing funds to purchase three police patrol vehicles.***
Presented by Police Sargent McCarty.

C. ***Discuss initiating a professional services contract for dog park master planning with Kimley-Horn and Associates, Inc.***
Bart Stevenson presented with staff from Kimley-Horn. Councilmember McBurnett asked about community engagement opportunities with the project. Kimley-Horn stated that three meetings with the community will be held to get input.

The briefing Session was adjourned at 6:40 pm.

REGULAR SESSION - CONVENE INTO THE COUNCIL CHAMBERS (7:00 P.M. or immediately following the 6:00 pm Work Session/Briefing)

The City Council convened into Regular Session in the Council Chambers at 7:00 p.m. with Mayor Gordon presiding.

Father Uche, with Holy Spirit Catholic Church, delivered the Invocation.

Mayor Gordon led the Pledge of Allegiance and Texas Pledge.

MAYOR FAREWELL ADDRESS

Mayor Gordon delivered his farewell address.

Draft

OATHS OF OFFICE

1. ***Candidates receiving the majority of the votes for their respective districts will be sworn in by the City Secretary, after which each will take their seat on the dais.***
   Ms. Taylor swore in Mayor-elect Greg Contreras, who presided over the remainder of the meeting. She then swore in elected officials for District 2 (Don McBurnett), District 4 (Karen Cherry-Brown, and District 5 (Kyle Pennebaker).

RECESS FOR RECEPTION

Mayor Contreras recessed the meeting at 7:41 pm.

1. ***Recognize and show appreciation to outgoing Mayor, Barry L. Gordon, for his service.***
   Mayor Contreras reconvened the regular meeting at 8:03 pm.

1. REPORTS

A. ***Mayor's Report.***
Mayor Contreras recognized Holy Spirit Catholic Church's 50th year anniversary and the Arts Commission event at Take Out Burger and Paint and Sip.

B. ***Councilmembers' Reports***
Councilmember Gooden congratulated the Arts Commission for the arts mixer and thanked Take Out Burger and Pink Yoke for hosting. She commended Mayor Contreras on being the first Latino mayor and representative from District 5 for the City of Duncanville. Councilmember McBurnett thanked the city staff and city manager for their service at the city events. The Duncanville High School boys and girls track teams were recognized for a great year. Councilmember Koontz congratulated the Police and Fire on the Battle of Badness basketball tournament. Councilmember Pennebaker recognized the Run for Wall event and would like an effort to get Duncanville more involved in the future.

C. ***City Manager's Report.***
City Manager Finch appreciated the residents' patience as we restored our IT issues. He thanked Interim IT Director Portia Hogg and the IT staff for their work on resolving the problems. He recognized Emergency Management Operations Coordinator Lauren Sanchez for receiving the North Texas Emergency Preparedness Excellence Award, Assistant Chief Chris Freis for accepting the Police Chief position in the City of Addison, and City Manager Greg Porter for his retirement from the City of Cedar Hill.

2. PROCLAMATIONS AND PRESENTATIONS

None

3. CITIZENS' INPUT

"Pursuant to Section 551.007 of the Texas Gov't Code, any member of the public has the opportunity to address the City Council concerning any matter of public business or any posted agenda item; however, the Act prohibits the City Council from deliberating any issues not on the public agenda and such non-agenda issues may be referred to City staff for research and any future action; all persons addressing are subject to council adopted rules and limitations permitted by law"

At this time, two-minute comments will be taken from the audience on any topic. To address the Council, please submit a fully-completed request card to the City Secretary prior to the beginning of the Citizens' Input portion of the Council meeting. In accordance with the Texas Open Meetings Act, the City Council cannot discuss issues raised or make any decisions at this time. Issues may be referred to City Staff for research and possible future action.

To view the live meeting or previous meetings click on the link below.
https://duncanvilletx.new.swagit.com/views/454/
To submit a comment via email the following information is required:

Draft

- Submit a comment by 4:00 p.m. on _
- Email citysecretary@duncanvilletx.gov
- Email title: Public Comment – _
- First Name, Last Name, and Address

Mayor Gordon read the item into record. The following spoke during the Citizens Input Period:

Sharmale Murrell
515 Alameda Ave.
Need for Track and Field training facility

Dan Turner
1230 Lansdale Dr. (not present)
Noise

Shirley Flinn
140 Greystone Pl
Taxes on proposed event center

Ruth Carlson
822 Sherill Blvd.
Thanked Mayor and Council

Erika Alvarado
831 Sherrill Blvd.
Rezoning (email)

Lucy and Terry Meeker
827 Sherrill Blvd.
Rezoning (email)

4. CONSENT AGENDA

Mayor Contreras requested that City Secretary Taylor read the Consent Agenda Items.

A. ***Consider the Minutes for the May 7, 2024 City Council Regular Meeting and May 13, 2024 Special Called Meeting.***

B. ***Consider a resolution approving a property transfer agreement between the City of Duncanville and the Duncanville Community and Economic Development Corporation for the purposes of economic development activities.***

Councilmember Koontz requested that this item be moved to individual consideration item 5D.

C. ***Consider a Resolution authorizing the award of RFB 24-0017 Harrington Park & Ten Mile Lane Wastewater Aerial Reroutes and Improvements to Texas Standard Construction, Ltd. through the City's competitive bid process for utility infrastructure improvements with a contract amount of $748,079.20 and an additional appropriation of $149,615.84 as a project contingency for a total amount not to exceed $897,695.04.***

RES 2024-266

Councilmember Don McBurnett made a motion to approve the consent agenda, Councilmember Kyle Pennebaker seconded the motion. The vote was cast 7 for and 0 against.

5. ITEMS FOR INDIVIDUAL CONSIDERATION

A. ***Conduct a Public Hearing and consider an Ordinance granting a Specific Use Permit "SUP" for Temporary Workforce Housing on Irwin Keasler Dev Red Bird 5, PT Lot 0006, Duncanville, Dallas County, Texas, more commonly known as 822 Sherrill Boulevard.***

ORD 2519

Draft

City Manager Finch presented this item.
Mayor Contreras opened the public hearing at 8:39pm

In Favor:
Michel Sikes

Opposed:
None

Councilmember Don McBurnett made a motion to close the public hearing, Councilmember Jeremy Koontz seconded the motion. The vote was cast 7 for, 0 against, with Mayor Barry L. Gordon absent.

The Public Hearing was closed at 8:41 pm.

Councilmember McBurnett asked about the difference between Temp Workforce Housing and Short-Term Rentals. City Attorney Hager said temp workforce housing is for 30 nights but less than 6 months.

Councilmember Jeremy Koontz made a motion to approve the item as stated, Councilmember Don McBurnett seconded the motion. The vote was cast 7 for, 0 against.

B. ***Conduct a Public Hearing and consider adopting an Ordinance amending the Comprehensive Zoning Ordinance and Map, as heretofore amended, by amending the existing SF-10 Single-Family Residential District to grant a Specific Use Permit to allow for Temporary Workforce Housing on real property located on river oaks, Block K, Lot 5, City of Duncanville, Dallas County, Texas, more commonly known as 350 Linklea Drive.***

ORD 2520

Mr. Finch presented this item.
Mayor Contreras opened the public hearing at 8:49 pm

In favor:
Ruth Carlson
350 Linklea Drive

Opposed:
None

Councilmember Jeremy Koontz made a motion to close the public hearing, and Councilmember Don McBurnett seconded it. The vote was 7 for, 0 against.

Mayor Contreras closed the public hearing at 8:52 pm

Councilmember Koontz requested that a sunset provision be added to the ordinance if the property is sold. Mr. Hager stated that the property would keep the zoning designation if it was sold. Councilmember Gooden asked how the property would be managed when occupied. The applicant stated that they manage the property.

Councilmember Jeremy Koontz made a motion to approve the item with the addition of a ten-year renewal. Councilmember Don McBurnett seconded the motion. The vote was 7 for and 0 against.

C. ***Conduct a Public Hearing and consider adopting an Ordinance amending the Comprehensive Zoning Ordinance and Map, as heretofore amended, by amending the existing SF-10 Single-Family Residential District to grant a Specific Use Permit to allow for Temporary Workforce Housing on real property located on Duncanville Estates 1, Block C, Lot 4, more commonly known as 103 South Capri Drive.***

ORD 2518

Draft

Mr. Finch presented this item.
Mayor Contreras opened the public hearing at 9:05pm

In favor:
Comments of Ms. Carlson included on this item.

Opposed:
None

Councilmember Don McBurnett made a motion to close the public hearing, and Councilmember Jeremy Koontz seconded it. The vote was 7 for and 0 against.

The Public hearing closed at 9:06 pm.

Councilmember Jeremy Koontz made a motion to approve the item with the addition of a ten-year renewal. Councilmember Don McBurnett seconded the motion. The vote was 7 for and 0 against.

D. ***Consider a resolution approving a property transfer agreement between the City of Duncanville and the Duncanville Community and Economic Development Corporation for the purposes of economic development activities.***

RES 2024-272

Councilmember Koontz asked if the council would be able to approve any sale of property by the DCEDC. Mr. Finch stated that any proposed property sale and use would be presented to the council. The resolution is about the transfer of title to the DCEDC. He also reviewed the resolution and its provisions. Attorney Hager reviewed the bylaws of the DEDC as it relates to the purchase, sale, and use of property. Councilmember Pennebaker stated he trusts this council and its decisions relating to the sale and use of property by the DCEDC.

Councilmember Kyle Pennebaker made a motion to approve the item as stated, Councilmember Don McBurnett seconded the motion. The vote was cast 6 for and 1 against (Councilmember Jeremy Koontz).

6. STAFF AND BOARD REPORTS

A. ***Present the Police Department's Quarterly Report.***
Presented by Interim Police Chief Matt Stogner.

ADJOURNMENT

The meeting was adjourned at 9:39 p.m.

ATTEST:

_____
CITY SECRETARY

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Consider a Resolution authorizing the purchase of (4) four Self-Contained Breathing Apparatus (SCBA) from Metro Fire Apparatus Specialists, Inc., through the Buy Board Contract #698-23 for a discounted unit price bid with an estimated expenditure amount of $12,512.00.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Emphasize: Government Accountability, Customer Service, Efficiency and Process Improvement**
  - **Develop a high performing organization that encourages innovation, transparency, and collaboration while delivering exceptional customer service.**

STAFF RESPONSIBLE:
Greg Chase, Interim Fire Chief

BACKGROUND/HISTORY:
SCBA equipment is used daily for respiratory protection and is the single most important piece of safety equipment that the Duncanville Fire Department firefighters use when operating at an emergency fire incident.

On February 7, 2023, Duncanville City Council passed Resolution 2023-005, authorizing the purchase of (52) fifty-two new SCBA units for the Duncanville Fire Department in the amount of $276,022.00. Those units were received and put into service in May 2023.

On February 6, 2024, Duncanville Fire Department responded to a building fire in Cedar Hill at a facility that produces pipe coating, lift coating and asphalt road building products. While fighting fire at the facility, (4) four of our firefighters PPE gear and SCBA's were damaged beyond repair due to the tar like substance that caught on fire. Documents and pictures were submitted to Jennifer Otey and Richard Jackson for the TML claim. Both Cedar Hill and Duncanville filed a claims with TML, and both were denied. We've discussed the next steps to try and recover costs, but nothing has been done. Cedar Hill is currently going through their legal team to try and recover the costs directly from the company, and the Fire Department would recommend the City of Duncanville do the same. The actual damages to our PPE gear totaled $28,198.00, and the Fire Department absorbed the bunker gear cost out of this year's budget while waiting on guidance for recovering the costs.

POLICY EXPLANATION:
The Fire Department is requesting authorization to purchase (4) four SCBA replacement units due to these units being damaged beyond repair.

SCBA equipment is available from Metro Fire Apparatus Specialists, Inc. through Buy Board Contract 698-23 for a term that expires March 31, 2025. The contract covers all SCBA items used by Duncanville Fire Department with discounted unit pricing.

Local Government Code Section 271.102 provides for the voluntary participation in cooperative purchasing programs with another local government or a local cooperative and satisfies any state law requiring competitive bids.

FUNDING SOURCE:

ORG and Object Number
01077200-700451

Available Budget	Purchase Amount	After Encumber
$26,806.93	$12,512.00	$14,294.93

ACTION ALTERNATIVES:
1. Authorize the purchase of Self-Contained Breathing Apparatus (SCBA) from Metro Fire Apparatus Specialists, Inc., through the Buy Board Contract #698-23 for a discounted unit price bid with an estimated expenditure amount of $12,512.00.
2. Do not authorize the purchase of Self-Contained Breathing Apparatus (SCBA) from Metro Fire Apparatus Specialists, Inc., through the Buy Board Contract #698-23 for a discounted unit price bid with an estimated expenditure amount of $12,512.00.
3. Other actions as directed by Council.

ATTACHMENTS:
Buyboard Metro Fire Apparatus Specialists, Inc. Contract - 03312025
Buyboard Renewal Metro Fire Apparatus Specialists, Inc. (1) - 698-23
223119-1
Resolution No. - 2024-271 - Purchase of Replacement SCBA's from Metro Fire - Pdf

P.O. Box 400, Austin, Texas 78767
800.695.2919 • info@buyboard.com • buyboard.com

February 11, 2024

Sent via email to: aking@mfas.com

Andy King
Metro Fire Apparatus Specialists, Inc.
17350 State Hwy 249 Ste 250
Houston TX 77064

Re: Public Safety and Firehouse Supplies and Equipment
BuyBoard Contract 698-23

The Local Government Purchasing Cooperative (BuyBoard) awarded your company a contract under Public Safety and Firehouse Supplies and Equipment, Contract 698-23 effective 4/1/2023 through March 31, 2024, with two possible one-year renewals. At this time the BuyBoard is renewing your contract through March 31, 2025.

All discounts, terms, and conditions of your contract will remain the same. If you agree to this renewal, there is nothing you need to do. However, if you do not agree to this renewal, you must notify me via email at contractadmin@buyboard.com prior to the start of the renewal term.

Reminder: Once a BuyBoard contract is awarded, vendors must generate a minimum of $15,000 annually or they may not be offered a contract renewal.

If you have questions or comments concerning this renewal, please contact me as soon as possible at contractadmin@buyboard.com . We appreciate your interest in The Local Government Purchasing Cooperative.

Sincerely,

Jim Tulberg

Jim Tulberg
Contract Administrator

1st renewal v.02.13.2020

P.O. Box 400, Austin, Texas 78767
800.695.2919 • info@buyboard.com • buyboard.com

February 7, 2023

Sent Via Email: aking@mfas.com

Andy King
Metro Fire Apparatus Specialists, Inc.
17350 SH 249, Suite 250
Houston, TX 77064

Welcome to BuyBoard!

Re: *Notice of The Local Government Purchasing Cooperative Contract Award;* Proposal Invitation No. 698-23, Public Safety and Firehouse Supplies and Equipment

Congratulations, The Local Government Purchasing Cooperative (Cooperative) has awarded your company a BuyBoard® contract based on the above-referenced Proposal Invitation. The contract is effective for an initial one-year term of April 1, 2023 through March 31, 2024, and may be subject to two possible one-year renewals. Please refer to the Proposal Invitation for the contract documents, including the General Terms and Conditions of the Contract.

To review the items your company has been awarded, please review Proposal Tabulation No. 698-23 at: www.buyboard.com/vendor. Only items marked as awarded to your company are included in this contract award, and only those awarded items may be sold through the BuyBoard contract. All sales must comply with the contract terms and must be at or below the awarded pricing as set forth in the General Terms and Conditions.

The contract will be posted on the BuyBoard website as an online electronic catalog(s). **You are reminded that, in accordance with the General Terms and Conditions, all purchase orders must be processed through the BuyBoard**. Except as expressly authorized in writing by the Cooperative's administrator, you are not authorized to process a purchase order received directly from a Cooperative member that has not been processed through the BuyBoard or provided to the Cooperative. If you receive a purchase order directly from a Cooperative member that you have reason to believe has not been received by the Cooperative or processed through the BuyBoard, you must promptly forward a copy of the purchase order by email to info@buyboard.com.

A list of Cooperative members is available on the buyboard.com website. The BuyBoard vendor relations staff will be contacting you to assist with the resources available and to provide any support you may need as an awarded BuyBoard vendor.

On behalf of the Cooperative, we appreciate your interest in the Cooperative and we are looking forward to your participation in the program. If you have any questions, feel free contact me at 800-695-2919.

Sincerely,

Leigh Clover, Bid Analyst
Texas Association of School Boards, Inc.,
Administrator for The Local Government Purchasing Cooperative

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PROPOSER'S ACCEPTANCE AND AGREEMENT

Proposal Invitation Name: Public Safety and Firehouse Supplies and Equipment

Proposal Due Date/Opening Date and Time: November 10, 2022, at 4:00 PM

Location of Proposal Opening:
Texas Association of School Boards, Inc.
BuyBoard Department
12007 Research Blvd.
Austin, TX 78759

Proposal Invitation Number: 698-23

Contract Term: April 1, 2023, through March 31, 2024, with two possible one-year renewals.

Anticipated Cooperative Board Meeting Date: February 2023

By signature below, the undersigned acknowledges and agrees that you are authorized to submit this Proposal, including making all acknowledgements, consents, and certifications herein, on behalf of Proposer and, to the best of your knowledge, the information provided is true, accurate, and complete.

Metro Fire Apparatus Specialists, Inc
Name of Proposing Company

11/09/2022
Date

17350 SH 249 STE 250
Street Address

Signature of Authorized Company Official

Houston, TX 77064
City, State, Zip

Andy King
Printed Name of Authorized Company Official

7136920911
Telephone Number of Authorized Company Official

Vice President of Operations
Position or Title of Authorized Company Official

7136921591
Fax Number of Authorized Company Official

76-0598763
Federal ID Number

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PROPOSAL FORMS PART 1: COMPLIANCE FORMS

INSTRUCTIONS:

Proposer must review and complete all forms in this Proposal Forms Part 1:

- Proposal Acknowledgements
- Felony Conviction Disclosure
- Resident/Nonresident Certification
- Debarment Certification
- Vendor Employment Certification
- No Boycott Verification
- No Excluded Nation or Foreign Terrorist Organization Certification
- Historically Underutilized Business Certification
- Acknowledgement of BuyBoard Technical Requirements
- Construction-Related Goods and Services Affirmation
- Deviation and Compliance
- Vendor Consent for Name Brand Use
- Confidential/Proprietary Information
- EDGAR Vendor Certification
- Compliance Forms Signature Page

An authorized representative of Proposer must initial in the bottom right corner of each page where indicated and complete and sign the Compliance Forms Signature Page. Proposer's failure to fully complete, initial, and sign forms as required may result in your Proposal being rejected as non-responsive.

PROPOSAL ACKNOWLEDGEMENTS

The proposing company ("you" or "your") hereby acknowledges and agrees as follows:

1. You have carefully examined and understand all information and documentation associated with this Proposal Invitation, including the Instructions to Proposers, General Information, General Terms and Conditions, attachments/forms, appendices, item specifications, and line items (collectively "Requirements");
2. By your response ("Proposal") to this Proposal Invitation, you propose to supply the products or services submitted at the pricing quoted in your Proposal and in strict compliance with the Requirements, unless specific deviations or exceptions are noted in the Proposal;
3. By your Proposal, you acknowledge and certify all items set forth in the General Terms and Conditions, Section B.12 (Certifications), including all non-collusion certifications and certifications regarding legal, ethical, and other matters set forth therein.
4. Any and all deviations and exceptions to the Requirements have been noted in your Proposal on the required form and no others will be claimed;

Initial: AK

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5. If the Cooperative accepts any part of your Proposal and awards you a Contract, you will furnish all awarded products or services at the pricing quoted and in strict compliance with the Requirements (unless specific deviations or exceptions are noted on the required form and accepted by the Cooperative), including without limitation the Requirements related to:
   a. conducting business with Cooperative members, including offering pricing to members that is the best you offer compared to similarly situated customers in similar circumstances;
   b. payment of a service fee in the amount specified and as provided for in this Proposal Invitation;
   c. the **possible** award of a piggy-back contract by the National Purchasing Cooperative or nonprofit entity, in which event you will offer the awarded products and services in accordance with the Requirements; and
   d. submitting price sheets or catalogs in the proper format as required by the Cooperative as a prerequisite to activation of your Contract;
6. You have clearly identified on the included form any information in your Proposal that you believe to be confidential or proprietary or that you do not consider to be public information subject to public disclosure under the Texas Public Information Act or similar public information law;
7. The individual submitting this Proposal is duly authorized to enter into the contractual relationship represented by this Proposal Invitation on your behalf and bind you to the Requirements, and such individual (and any individual signing a form or Proposal document) is authorized and has the requisite knowledge to provide the information and make the representations and certifications required in the Requirements;
8. You have carefully reviewed your Proposal, and certify that all information provided is true, complete, and accurate to the best of your knowledge, and you authorize the Cooperative to take such action as it deems appropriate to verify such information; and
9. Any misstatement, falsification, or omission in your Proposal, whenever or however discovered, will be grounds for disqualifying you from consideration for a contract award under this Proposal Invitation, termination of a contract award, or any other remedy or action provided for in the General Terms and Conditions or by law.

FELONY CONVICTION DISCLOSURE

Subsection (a) of Section 44.034 of the Texas Education Code (Notification of Criminal History of Contractor) states: "A person or business entity that enters into a contract with a school district must give advance notice to the district if the person or an owner or operator has been convicted of a felony. The notice must include a general description of the conduct resulting in the conviction of a felony."

Section 44.034 further states in Subsection (b): "A school district may terminate a contract with a person or business entity if the district determines that the person or business entity failed to give notice as required by Subsection (a) or misrepresented the conduct resulting in the conviction. The district must compensate the person or business entity for services performed before the termination of the contract."

Please check (√) one of the following:

☐ My company is a publicly-held corporation. (Advance notice requirement does not apply to publicly-held corporation.)
☐ My company is not owned or operated by anyone who has been convicted of a felony.
☐ My company is owned/operated by the following individual(s) who has/have been convicted of a felony:

Name of Felon(s): _____

Details of Conviction(s): _____

_____

Initial: _____

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RESIDENT/NONRESIDENT CERTIFICATION

Chapter 2252, Subchapter A, of the Texas Government Code establishes certain requirements applicable to proposers who are not Texas residents. Under the statute, a "resident" proposer is a person whose principal place of business is in Texas, including a contractor whose ultimate parent company or majority owner has its principal place of business in Texas. A "nonresident" proposer is a person who is not a Texas resident. Please indicate the status of your company as a "resident" proposer or a "nonresident" proposer under these definitions.

Please check (√) one of the following:

- ☑ I certify that my company is a **Resident Proposer.**
- ☐ I certify that my company is a **Nonresident Proposer.**

If your company is a Nonresident Proposer, you must provide the following information for your resident state (the state in which your company's principal place of business is located):

Company Name _____ Address _____

City _____ State _____ Zip Code _____

A. Does your resident state require a proposer whose principal place of business is in Texas to under-price proposers whose resident state is the same as yours by a prescribed amount or percentage to receive a comparable contract?
☐ Yes ☐ No

B. What is the prescribed amount or percentage? $_____ or _____%

DEBARMENT CERTIFICATION

By signature on the Compliance Forms Signature Page, I certify that neither my company nor an owner or principal of my company has been debarred, suspended or otherwise made ineligible for participation in Federal Assistance programs under Executive Order 12549, "Debarment and Suspension," as described in the Federal Register and Rules and Regulations. Neither my company nor an owner or principal of my company is currently listed on the government-wide exclusions in SAM, debarred, suspended, or otherwise excluded by agencies or declared ineligible under any statutory or regulatory authority. My company agrees to immediately notify the Cooperative and all Cooperative members with pending purchases or seeking to purchase from my company if my company or an owner or principal is later listed on the government-wide exclusions in SAM, or is debarred, suspended, or otherwise excluded by agencies or declared ineligible under any statutory or regulatory authority.

VENDOR EMPLOYMENT CERTIFICATION

Section 44.031(b) of the Texas Education Code establishes certain criteria that a school district must consider when determining to whom to award a contract. Among the criteria for certain contracts is whether the vendor or the vendor's ultimate parent or majority owner (I) has its principal place of business in Texas; or (II) employs at least 500 people in Texas.

If neither your company nor the ultimate parent company or majority owner has its principal place of business in Texas, does your company, ultimate parent company, or majority owner employ at least 500 people in Texas?

Please check (√) one of the following:

☐ Yes ☐ No

Initial: AK

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NO BOYCOTT VERIFICATION

A Texas governmental entity may not enter into a contract with a value of $100,000 or more that is to be paid wholly or partly from public funds with a company (excluding a sole proprietorship) that has 10 or more full-time employees for goods or services unless the contract contains a written verification from the company that it: (1) does not boycott Israel and will not boycott Israel during the term of the contract (TEX. GOV'T CODE Ch. 2271), (2) does not boycott energy companies and will not boycott energy companies during the term of the contract (TEX. GOV'T CODE Ch. 2274 effective September 1, 2021), and (3) does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and will not discriminate during the term of the contract against a firearm entity or firearm trade association (TEX. GOV'T CODE Ch. 2274 effective September 1, 2021). Accordingly, this certification form is included to the extent required by law.

"Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes. TEX. GOV'T CODE §808.001(1).

"Boycott energy company" means, without an ordinary business purpose, refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations with a company because the company: (A) engages in the exploration, production, utilization, transportation, sale, or manufacturing of fossil fuel-based energy and does not commit or pledge to meet environmental standards beyond applicable federal and state law; or (B) does business with a company described by Paragraph (A). TEX. GOV'T CODE §809.001(1) (effective September 1, 2021).

"Discriminate against a firearm entity or firearm trade association" means, (A) with respect to the entity or association, to: (i) refuse to engage in the trade of any goods or services with the entity or association based solely on its status as a firearm entity or firearm trade association; (ii) refrain from continuing an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association; or (iii) terminate an existing business relationship with the entity or association based solely on its status as a firearm entity or firearm trade association; and (B) does not include: (i) the established policies of a merchant, retail seller, or platform that restrict or prohibit the listing or selling of ammunition, firearms, or firearm accessories; and (ii) a company's refusal to engage in the trade of any goods or services, decision to refrain from continuing an existing business relationship, or decision to terminate an existing business relationship: (aa) to comply with federal, state, or local law, policy, or regulations or a directive by a regulatory agency; or (bb) for any traditional business reason that is specific to the customer or potential customer and not based solely on an entity's or association's status as a firearm entity or firearm trade association. TEX. GOV'T CODE §2274.001(3) (effective September 1, 2021).

By signature on the Compliance Forms Signature Page, to the extent applicable, I certify and verify that Vendor does not boycott Israel, boycott energy companies, or discriminate against a firearm entity or firearm trade association and will not do so during the term of any contract awarded under this Proposal Invitation, that this certification is true, complete and accurate, and that I am authorized by my company to make this certification.

Initial: AK

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NO EXCLUDED NATION OR FOREIGN TERRORIST ORGANIZATION CERTIFICATION

Chapter 2252 of the Texas Government Code provides that a Texas governmental entity may not enter into a contract with a company engaged in active business operations with Sudan, Iran, or a foreign terrorist organization – specifically, any company identified on a list prepared and maintained by the Texas Comptroller under Texas Government Code §§806.051, 807.051, or 2252.153. (A company that the U.S. Government affirmatively declares to be excluded from its federal sanctions regime relating to Sudan, Iran, or any federal sanctions regime relating to a foreign terrorist organization is not subject to the contract prohibition.)

By signature on the Compliance Forms Signature Page, I certify and verify that Vendor is not on the Texas Comptroller's list identified above; that this certification is true, complete and accurate; and that I am authorized by my company to make this certification.

HISTORICALLY UNDERUTILIZED BUSINESS CERTIFICATION

A Proposer that has been certified as a Historically Underutilized Business (also known as a Minority/Women Business Enterprise or "MWBE" and all referred to in this form as a "HUB") is encouraged to indicate its HUB certification status when responding to this Proposal Invitation. The BuyBoard website will indicate HUB certifications for awarded Vendors that properly indicate and document their HUB certification on this form. Please check (√) all that apply:

☐ I certify that my company has been certified as a HUB in the following categories:

☐ **Minority Owned Business** ☐ **Women Owned Business**
☐ **Service-Disabled Veteran Owned Business (veteran defined by 38 U.S.C. §101(2), who has a service-connected disability as defined by 38 U.S.C. § 101(16), and who has a disability rating of 20% or more as determined by the U. S. Department of Veterans Affairs or Department of Defense)**

Certification Number: _____

Name of Certifying Agency: _____

☒ My company has **NOT** been certified as a HUB.

ACKNOWLEDGEMENT OF BUYBOARD TECHNICAL REQUIREMENTS

Vendor shall review the BuyBoard Technical Requirements included in this Proposal Invitation. By signature on the Compliance Forms Signature Page, the undersigned affirms that Proposer has obtained a copy of the BuyBoard Technical Requirements, has read and understands the requirements, and certifies that Vendor is able to meet and will comply with those requirements except as follows: *[List and explain BuyBoard Technical Requirements, if any, to which your company cannot or will not comply.]*

Metro Fire will comply.

Note: In accordance with the General Terms and Conditions of the Contract, to the extent Vendor is awarded a Contract under this Proposal Invitation but is unable or unwilling to meet the applicable BuyBoard Technical Requirements, the information available on the BuyBoard for Vendor's awarded products or services may be limited, potentially placing Vendor at a disadvantage and impacting the ability of Cooperative members to search, find, review, and purchase Vendor's awarded products and services on the BuyBoard website. Further, to the extent Vendor has acknowledged ability to meet and comply with the BuyBoard Technical Requirements, any subsequent failure or refusal by Vendor to promptly provide information upon request to the Cooperative administrator in accordance with those technical requirements may be deemed an event of default under the Contract.

Initial: _____

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CONSTRUCTION-RELATED GOODS AND SERVICES AFFIRMATION

The Cooperative issued the BuyBoard Procurement and Construction-Related Goods and Services Advisory for Texas Members ("Advisory"), which provides information specifically relevant to the procurement of construction-related goods and services by Texas Cooperative members. The Advisory, available at buyboard.com/Vendor/Resources.aspx, provides an overview of certain legal requirements that are potentially relevant to a Cooperative member's procurement of construction or construction-related goods and services, including those for projects that may involve or require architecture, engineering or independent testing services. A copy of the Advisory can also be provided upon request. Because many BuyBoard contracts include goods or installation services that might be considered construction-related, Proposer must make this Construction Related-Goods and Services Affirmation regardless of type of goods or services associated with this Proposal Invitation.

A contract awarded under this Proposal Invitation covers only the specific goods and/or services awarded by the Cooperative. As explained in the Advisory ("Advisory"), **Texas law prohibits the procurement of architecture or engineering services through a purchasing cooperative. This Proposal Invitation and any Contract awarded thereunder does not include such services. Architecture or engineering services must be procured by a Cooperative member separately, in accordance with the Professional Services Procurement Act (Chapter 2254 of the Texas Government Code) and other applicable law and local policy.**

By signature on the Compliance Forms Signature Page, Proposer affirms that Proposer has obtained a copy of the Advisory, has read and understands the Advisory, and is authorized by Proposer to make this affirmation. If Proposer sells construction-related goods or services to a Cooperative member under a Contract awarded under this Proposal Invitation, Proposer will comply with the Advisory and applicable legal requirements, make a good faith effort to make its Cooperative member customers or potential Cooperative member customers aware of such requirements, and provide a Cooperative member with a copy of the Advisory before accepting the member's Purchase Order or other agreement for construction-related goods or services.

Initial: AK

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DEVIATION AND COMPLIANCE

If your company intends to deviate from the General Terms and Conditions, Proposal Specifications or other requirements associated with this Proposal Invitation, you MUST list all such deviations on this form, and provide complete and detailed information regarding the deviations on this form or an attachment to this form. **Prior to completing this form, Vendor shall review the General Terms and Conditions section B.4 (Deviations from Item Specifications and General Terms and Conditions). Please note that, as provided in section B.4, certain provisions of the General Terms and Conditions are NOT subject to deviation, and certain deviations will be deemed rejected without further action by the Cooperative. Any attempted deviation, whether directly or indirectly, to provisions identified in this Proposal Invitation as not subject to deviation shall be deemed rejected by the Cooperative and, unless otherwise withdrawn by Vendor, may result in Vendor's Proposal being rejected in its entirety.**

The Cooperative will consider any deviations in its contract award decision and reserves the right to accept or reject a proposal based upon any submitted deviation.

In the absence of any deviation identified and described in accordance with the above, your company must fully comply with the General Terms and Conditions, Proposal Specifications and all other requirements associated with this Proposal Invitation if awarded a Contract under this Proposal Invitation. A deviation will not be effective unless accepted by the Cooperative. The Cooperative, by and through the Cooperative administrator, may, in its sole discretion, seek clarification from and/or communicate with Proposer(s) regarding any submitted deviation, consistent with general procurement principles of fair competition. The Cooperative reserves the right to accept or reject a Proposal based upon any submitted deviation.

Please check (√) one of the following:

☒ **No**; Deviations
☐ **Yes**; Deviations

List and fully explain any deviations you are submitting:

Initial: AK

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VENDOR CONSENT FOR NAME BRAND USE

BuyBoard members seeking to make purchases using a Contract awarded under this Proposal Invitation may view information regarding awarded Vendors, including but not limited to product catalogs, pricelists, pricing, and Proposals, through the BuyBoard website. To improve and enhance the experience of BuyBoard members seeking to procure goods and services under the Contract utilizing the BuyBoard website, any Vendor logo, product images, and similar brand and trademark information provided by Vendor for purposes of the Contract ("Vendor Information") may be posted on the BuyBoard website.

You acknowledge that, by submitting your Proposal, unless you specifically opt out below, you consent to use of your company's Vendor Information on the BuyBoard website if awarded a Contract. You further acknowledge that whether, where, and when to include the Vendor Information on the BuyBoard website shall be at the sole discretion of the BuyBoard Administrator. Vendor retains, however, the right of general quality control over the BuyBoard Administrator's authorized display of proprietary Vendor Information. Neither the BuyBoard nor its administrator will be responsible for the use or distribution of Vendor Information by BuyBoard members or any other third party using the BuyBoard website. This Vendor Consent shall be effective for the full term of the Contract, including renewals, unless Vendor provides a signed, written notice revoking consent to contractadmin@buyboard.com. BuyBoard shall have up to thirty days from the date of receipt of a termination or revocation of a Vendor Consent to remove Vendor Information from the BuyBoard website.

This Vendor Consent is subject to the Terms and Conditions of the Contract, including, but not limited to, those terms pertaining to Disclaimer of Warranty and Limitation of Liability, Indemnification, and Intellectual Property Infringement.

Vendor logo files must be submitted in one of the formats set forth in the BuyBoard Technical Requirements. Proposers are requested to submit this information with Vendor's Proposal. (This consent shall not authorize use of your company's Vendor Information by BuyBoard if your company is not awarded a Contract.)

OPT OUT:

If your company wishes to opt out of the Vendor Consent for Name Brand Use, you must check the opt out box below. ***DO NOT select this box unless your company is opting out of this Vendor Consent for Name Brand Use.***

☐ By checking this box, Vendor hereby declines to provide consent for use of Vendor Information (as defined herein) on the BuyBoard website. **By opting out, Vendor acknowledges and agrees that, if Vendor is awarded a Contract under this Proposal Invitation, information available on the BuyBoard for Vendor's awarded products or services may be limited, potentially placing Vendor at a disadvantage and impacting the ability of Cooperative members to search, find, review, and purchase Vendor's awarded products and services on the BuyBoard website.**

Initial: AK

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CONFIDENTIAL/PROPRIETARY INFORMATION

A. Public Disclosure Laws

All Proposals, forms, documentation, catalogs, pricelists, or other materials submitted by Vendor to the Cooperative in response to this Proposal Invitation, may be subject to the disclosure requirements of the Texas Public Information Act (Texas Government Code chapter 552.001, *et. seq.*) or similar disclosure law. Proposer must clearly identify on this form any information in its Proposal (including forms, documentation, or other materials submitted with the Proposal) that Proposer considers proprietary or confidential. If Proposer fails to properly identify the information, the Cooperative shall have no obligation to notify Vendor or seek protection of such information from public disclosure should a member of the public or other third party request access to the information under the Texas Public Information Act or similar disclosure law. When required by the Texas Public Information Act or other disclosure law, Proposer may be notified of any third-party request for information in a Proposal that Proposer has identified in this form as proprietary or confidential.

Does your Proposal (including forms, documentation, catalogs, pricelists, or other materials submitted with the Proposal) contain information which Vendor considers proprietary or confidential?

Please check (√) one of the following:

☒ **NO,** I certify that none of the information included with this Proposal is considered confidential or proprietary.

☐ **YES,** I certify that this Proposal contains information considered confidential or proprietary and all such information is specifically identified on this form.

If you responded "YES", you must clearly identify below the specific information you consider confidential or proprietary. List each page number, form number, or other information sufficient to make the information readily identifiable. The Cooperative and Cooperative administrator shall not be responsible for a Proposer's failure to clearly identify information considered confidential or proprietary. Further, by submitting a Proposal, Proposer acknowledges that the Cooperative and Cooperative administrator will disclose information when required by law, even if such information has been identified herein as information Vendor considers confidential or proprietary.

Confidential / Proprietary Information:

_____

_____

_____

_____

_____

(Attach additional sheets if needed.)

Initial: AK

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B. Copyright Information

Does your Proposal (including forms, documentation, pricelists, catalogs, or other materials submitted with the Proposal) contain copyright information?

Please check (√) one of the following:

☒ **NO,** Proposal (including forms, documentation, pricelists, catalogs, or other materials submitted with the Proposal) does not contain copyright information.

☐ **YES,** Proposal (including forms, documentation, pricelists, catalogs, or other materials submitted with the Proposal) does contain copyright information.

If you responded "YES", clearly identify below the specific documents or pages containing copyright information.

Copyright Information: _____

_____

_____

(Attach additional sheets if needed.)

C. Consent to Release Confidential/Proprietary/Copyright Information to BuyBoard Members

BuyBoard members (Cooperative and nonprofit members) seeking to make purchases through the BuyBoard may wish to view information included in the Proposals of awarded Vendors. If you identified information on this form as confidential, proprietary, or subject to copyright, and you are awarded a BuyBoard contract, your acceptance of the BuyBoard contract award constitutes your consent to the disclosure of such information to BuyBoard members, including posting of such information on the secure BuyBoard website for members. Note: Neither the Cooperative nor Cooperative administrator will be responsible for the use or distribution of information by BuyBoard members or any other party.

D. Consent to Release Proposal Tabulation

Notwithstanding anything in this Confidential/Proprietary Information form to the contrary, by submitting a Proposal, Vendor consents and agrees that, upon Contract award, the Cooperative may publicly release, including posting on the public BuyBoard website, a copy of the proposal tabulation and award information for the Contract including Vendor name; proposed catalog/pricelist name(s); proposed percentage discount(s), hourly labor rate(s), or other specified pricing; and Vendor award or non-award information.

Initial: AK

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EDGAR VENDOR CERTIFICATION

(2 CFR Part 200 and Appendix II)

When a Cooperative member seeks to procure goods and services using funds under a federal grant or contract, specific federal laws, regulations, and requirements may apply in addition to those under state law. This includes, but is not limited to, the procurement standards of the Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal Awards, 2 CFR 200 (sometimes referred to as the "Uniform Guidance" or new "EDGAR"). All Vendors submitting a Proposal must complete this EDGAR Certification Form regarding Vendor's willingness and ability to comply with certain requirements which ***may*** be applicable to specific Cooperative member purchases using federal grant funds. Completed forms will be made available to Cooperative members for their use while considering their purchasing options when using federal grant funds. Cooperative members may also require Vendors to enter into ancillary agreements, in addition to the terms and conditions of the BuyBoard contract, to address the member's specific contractual needs, including contract requirements for a procurement using federal grants or contracts.

For <u>each</u> of the items below, Vendor should certify Vendor's agreement and ability to comply, where applicable, by having Vendor's authorized representative check the applicable boxes, initial each page, and sign the Compliance Forms Signature Page. If you fail to complete any item in this form, the Cooperative will consider and may list the Vendor's response on the BuyBoard as "NO," the Vendor is unable or unwilling to comply. A "NO" response to any of the items may, if applicable, impact the ability of a Cooperative member to purchase from the Vendor using federal funds.

1. Vendor Violation or Breach of Contract Terms:

Contracts for more than the simplified acquisition threshold, which is the inflation adjusted amount determined by the Civilian Agency Acquisition Council and the Defense Acquisition Regulations Council (Councils) as authorized by 41 USC 1908, must address administrative, contractual, or legal remedies in instances where contractors violate or breach contract terms, and provide for such sanctions and penalties as appropriate.

Provisions regarding Vendor default are included in the BuyBoard General Terms and Conditions, including Section E.18, Remedies for Default and Termination of Contract. Any Contract award will be subject to such BuyBoard General Terms and Conditions, as well as any additional terms and conditions in any Purchase Order or Cooperative member ancillary contract agreed upon by Vendor and the Cooperative member which must be consistent with and protect the Cooperative member at least to the same extent as the BuyBoard Terms and Conditions. The remedies under the Contract are in addition to any other remedies that may be available under law or in equity. By submitting a Proposal, you agree to these Vendor violation and breach of contract terms.

■ **YES**, I agree. ☐ **NO**, I do not agree.

2. Termination for Cause or Convenience:

For any Cooperative member purchase or contract in excess of $10,000 made using federal funds, you agree that the following term and condition shall apply:

The Cooperative member may terminate or cancel any Purchase Order under this Contract at any time, with or without cause, by providing seven (7) business days advance written notice to the Vendor. If this Agreement is terminated in accordance with this Paragraph, the Cooperative member shall only be required to pay Vendor for goods or services delivered to the Cooperative member prior to the termination and not otherwise returned in accordance with Vendor's return policy. If the Cooperative member has paid Vendor for goods or services not yet provided as of the date of termination, Vendor shall immediately refund such payment(s).

If an alternate provision for termination of a Cooperative member purchase for cause and convenience, including the manner by which it will be effected and the basis for settlement, is included in the Cooperative member's Purchase Order or ancillary agreement agreed to by the Vendor, the Cooperative member's provision shall control.

■ **YES**, I agree. ☐ **NO**, I do not agree. **Initial:** AK

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3. Equal Employment Opportunity:
Except as otherwise provided under 41 CFR Part 60, all Cooperative member purchases or contracts that meet the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 shall be deemed to include the equal opportunity clause provided under 41 CFR 60-1.4(b), in accordance with Executive Order 11246, "Equal Employment Opportunity" (30 FR 12319, 12935, 3 CFR Part, 1964-1965 Comp., p. 339), as amended by Executive Order 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and implementing regulations at 41 CFR Part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

The equal opportunity clause provided under 41 CFR 60-1.4(b) is hereby incorporated by reference. Vendor agrees that such provision applies to any Cooperative member purchase or contract that meets the definition of "federally assisted construction contract" in 41 CFR Part 60-1.3 and Vendor agrees that it shall comply with such provision.

■ **YES**, I agree. ☐ **NO**, I do not agree.

4. Davis-Bacon Act:
When required by Federal program legislation, Vendor agrees that, for all Cooperative member prime construction contracts/purchases in excess of $2,000, Vendor shall comply with the Davis-Bacon Act (40 USC 3141-3144, and 3146-3148) as supplemented by Department of Labor regulations (29 CFR Part 5, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction"). In accordance with the statute, Vendor is required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determinate made by the Secretary of Labor. In addition, Vendor shall pay wages not less than once a week.

Current prevailing wage determinations issued by the Department of Labor are available at beta.sam.gov. Vendor agrees that, for any purchase to which this requirement applies, the award of the purchase to the Vendor is conditioned upon Vendor's acceptance of the wage determination.

Vendor further agrees that it shall also comply with the Copeland "Anti-Kickback" Act (40 USC 3145), as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient must be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he or she is otherwise entitled.

■ **YES**, I agree. ☐ **NO**, I do not agree.

5. Contract Work Hours and Safety Standards Act:
Where applicable, for all Cooperative member contracts or purchases in excess of $100,000 that involve the employment of mechanics or laborers, Vendor agrees to comply with 40 USC 3702 and 3704, as supplemented by Department of Labor regulations (29 CFR Part 5). Under 40 USC 3702 of the Act, Vendor is required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and a half times the basic rate of pay for all hours worked in excess of 40 hours in the work week.

The requirements of 40 USC 3704 are applicable to construction work and provide that no laborer or mechanic must be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

■ **YES**, I agree. ☐ **NO**, I do not agree.

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6. Right to Inventions Made Under a Contract or Agreement:
If the Cooperative member's Federal award meets the definition of "funding agreement" under 37 CFR 401.2(a) and the recipient or subrecipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance or experimental, developmental, or research work under that "funding agreement," the recipient or subrecipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

Vendor agrees to comply with the above requirements when applicable.

■ **YES**, I agree. ☐ **NO**, I do not agree.

7. Clean Air Act and Federal Water Pollution Control Act:
Clean Air Act (42 USC 7401-7671q.) and the Federal Water Pollution Control Act (33 USC 1251-1387), as amended – Contracts and subgrants of amounts in excess of $150,000 must contain a provision that requires the non-Federal award to agree to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act (42 USC 7401-7671q.) and the Federal Water Pollution Control Act, as amended (33 USC 1251-1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

When required, Vendor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act and the Federal Water Pollution Control Act.

■ **YES**, I agree. ☐ **NO**, I do not agree.

8. Debarment and Suspension:
Debarment and Suspension (Executive Orders 12549 and 12689) – A contract award (see 2 CFR 180.220) must not be made to parties listed on the government-wide exclusions in the System for Award Management (SAM), in accordance with the OMB guidelines at 2 CFR 180 that implement Executive Orders 12549 (3 CFR Part 1966 Comp. p. 189) and 12689 (3 CFR Part 1989 Comp. p. 235), "Debarment and Suspension." SAM Exclusions contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than Executive Order 12549.

Vendor certifies that Vendor is not currently listed on the government-wide exclusions in SAM, is not debarred, suspended, or otherwise excluded by agencies or declared ineligible under statutory or regulatory authority other than Executive Order 12549. Vendor further agrees to immediately notify the Cooperative and all Cooperative members with pending purchases or seeking to purchase from Vendor if Vendor is later listed on the government-wide exclusions in SAM, or is debarred, suspended, or otherwise excluded by agencies or declared ineligible under statutory or regulatory authority other than Executive Order 12549.

■ **YES**, I agree. ☐ **NO**, I do not agree.

9. Byrd Anti-Lobbying Amendment:
Byrd Anti-Lobbying Amendment (31 USC 1352) - Vendors that apply or bid for an award exceeding $100,000 must file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 USC 1352. Each tier must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the non-Federal award. As applicable, Vendor agrees to file all certifications and disclosures required by, and otherwise comply with, the Byrd Anti-Lobbying Amendment (31 USC 1352).

■ **YES**, I agree. ☐ **NO**, I do not agree.

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10. Procurement of Recovered Materials:
For Cooperative member purchases utilizing Federal funds, Vendor agrees to comply with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act where applicable and provide such information and certifications as a Cooperative member may require to confirm estimates and otherwise comply. The requirements of Section 6002 include procuring only items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition, where the purchase price of the item exceeds $10,000 or the value of the quantity acquired during the preceding fiscal year exceeded $10,000; procuring solid waste management services in a manner that maximizes energy and resource recovery, and establishing an affirmative procurement program for procurement of recovered materials identified in the EPA guidelines.

■ **YES**, I agree. ☐ **NO**, I do not agree.

11. Domestic Preferences for Procurements:
Where appropriate and consistent with law, 2 CFR §200.322 contains certain considerations for domestic preferences for procurements which may be applicable to Cooperative members using federal funds. When required by a Cooperative member, Vendor agrees to provide such information or certification as may reasonably be requested by the Cooperative member regarding Vendor's products, including whether goods, products, or materials are produced in the United States.

■ **YES**, I agree. ☐ **NO**, I do not agree.

12. Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment
2 CFR §200.216 prohibits expending federal loan or grant funds to procure or obtain certain telecommunications and video surveillance services or equipment. To the extent applicable and when required by a Cooperative member, Vendor agrees to provide such information or certification as may reasonably be requested by the Cooperative member to confirm whether any telecommunications or video surveillance services or equipment provided by Vendor is covered equipment or covered services under 2 CFR §200.216.

■ **YES**, I agree. ☐ **NO**, I do not agree.

13. Profit as a Separate Element of Price:
For purchases using federal funds in excess of the Simplified Acquisition Threshold, a Cooperative member may be required to negotiate profit as a separate element of the price. See, 2 CFR 200.324(b). When required by a Cooperative member, Vendor agrees to provide information and negotiate with the Cooperative member regarding profit as a separate element of the price for a particular purchase. However, Vendor agrees that the total price, including profit, charged by Vendor to the Cooperative member shall not exceed the awarded pricing, including any applicable discount, under Vendor's Cooperative Contract.

■ **YES**, I agree. ☐ **NO**, I do not agree.

14. General Compliance and Cooperation with Cooperative Members:
In addition to the foregoing specific requirements, Vendor agrees, in accepting any Purchase Order from a Cooperative member, it shall make a good faith effort to work with Cooperative members to provide such information and to satisfy such requirements as may apply to a particular Cooperative member purchase or purchases including, but not limited to, applicable recordkeeping and record retention requirements.

■ **YES**, I agree. ☐ **NO**, I do not agree.

Initial: AK

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COMPLIANCE FORMS SIGNATURE PAGE

By initialing pages and by signature below, I certify that I have reviewed the following forms; that the information provided therein is true, complete, and accurate; and that I am authorized by my company to make all certifications, consents, acknowledgements, and agreements contained herein:

- Proposal Acknowledgements
- Felony Conviction Disclosure
- Debarment Certification
- Resident/Nonresident Certification
- Vendor Employment Certification
- No Boycott Verification
- No Excluded Nation or Foreign Terrorist Organization Certification
- Historically Underutilized Business Certification
- Construction-Related Goods and Services Affirmation
- Acknowledgement of BuyBoard Technical Requirements
- Deviation and Compliance
- Vendor Consent for Name Brand Use
- Confidential/Proprietary Information
- EDGAR Vendor Certification

Metro Fire Apparatus Specialists, Inc.
Company Name

Signature of Authorized Company Official

Andy King VP Operations
Printed Name and Title

11/09/2022
Date

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PROPOSAL FORMS PART 2: VENDOR INFORMATION FORMS

INSTRUCTIONS:

Proposer must completely and accurately provide all information requested in the following Vendor Information Forms or your Proposal may be rejected as non-responsive:

- Vendor Business Name
- Vendor Contact Information
- Federal and State/Purchasing Cooperative Experience
- Governmental References
- Company Profile
- Texas Regional Service Designation
- State Service Designation
- National Purchasing Cooperative Vendor Award Agreement *(Vendors serving outside Texas only)*
- Local/Authorized Seller Listings
- Manufacturer Dealer Designation
- Proposal Invitation Questionnaire
- Vendor Request to Self-Report BuyBoard Purchases *(Optional)*

To the extent any information requested is not applicable to your company, you must so indicate on the form.

VENDOR BUSINESS NAME

By submitting a Proposal, Vendor is seeking to enter into a legal contract with the Cooperative. As such, Vendor must be an individual or legal business entity capable of entering into a binding contract.

Name of Proposing Company: Metro Fire Apparatus Specialists, Inc.
(List the legal name of the company seeking to contract with the Cooperative. Do NOT list an assumed name, dba, aka, etc. here. Such information may be provided below. If you are submitting a joint proposal with another entity to provide the same proposed goods or services, each submitting entity should complete a separate vendor information form. Separately operating legal business entities, even if affiliated entities, which propose to provide goods or services separately must submit their own Proposals.)

Please check (√) one of the following:

Type of Business: ☐ Individual/Sole Proprietor ■ Corporation ☐ Limited Liability Company ☐ Partnership

☐ Other (Specify: _____)

State of Incorporation (if applicable): Texas

Federal Employer Identification Number: 76-0598763
(Vendor must include a completed IRS W-9 form with their Proposal)

Name by which Vendor, if awarded, wishes to be identified on the BuyBoard: *(Note: If different than the Name of Proposing Company listed above, only valid trade names (dba, aka, etc.) of the Proposing Company may be used and a copy of your Assumed Name Certificate(s), if applicable, must be attached.)*

Metro Fire Apparatus Specialists, Inc.

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

▸ **Go to *www.irs.gov/FormW9* for instructions and the latest information.**

Give Form to the requester. Do not send to the IRS.

Print or type. See **Specific Instructions** on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Metro Fire Apparatus Specialists, Inc.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☒ C Corporation ☐ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▸ _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ▸

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any)

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
17350 SH 249 - Suite 250

6 City, state, and ZIP code
Houston, TX 77064

Requester's name and address (optional)
BuyBoard
P O Box 400
Austin, TX 78767

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN,* later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number
			–			–				

or

Employer identification number
7	6	–	0	5	9	8	7	6	3

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here **Signature of U.S. person** ▸ Jim Mentor **Date** ▸ 11/07/2022

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9.*

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

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VENDOR CONTACT INFORMATION

Vendor shall provide the requested Vendor Contact Information in the electronic proposal submission system including contract, purchase order, RFQ, and invoice contacts (or, if submitting a hard copy Proposal, timely request and complete the Vendor Contact Information form in accordance with the Instructions to Proposers).

FEDERAL AND STATE/PURCHASING COOPERATIVE EXPERIENCE

The Cooperative strives to provide Cooperative members with the best services and products at the best prices available from Vendors with the technical resources and ability to serve Cooperative members. Please respond to the following questions.

1. Provide the dollar value of sales to or through purchasing cooperatives at or based on an established catalog or market price during the previous 12-month period or the last fiscal year: $ EST. 2,000,000.00. (The period of the 12-month period is SEPTEMBER / OCTOBER). In the event that a dollar value is not an appropriate measure of the sales, provide and describe your own measure of the sales of the item(s).

2. By submitting a proposal, you agree that, based on your written discounting policies, the discounts you offer the Cooperative are equal to or better than the best price you offer other purchasing cooperatives for the same items under equivalent circumstances.

3. Provide the information requested below for other purchasing cooperatives for which Proposer currently serves, or in the past has served, as an awarded vendor. Rows should be added to accommodate as many purchasing cooperatives as required.

PURCHASING GROUP	CURRENT VENDOR? (Y/N)	FORMER VENDOR (Y/N)? – IF YES, LIST YEARS AS VENDOR	AWARDED COMMODITY CATEGORY(IES)
1. Federal General Services Administration	N		
2. T-PASS (State of Texas)	N		
3. OMNIA Partners	N		
4. Sourcewell (NJPA)	Y		APPARATUS
5. E&I Cooperative	N		
6. Houston-Galveston Area Council (HGAC)	Y	OVER 10	EE08-19 EQUIP FS12-19 APPARATUS
7. Choice Partners	N		
8. The Interlocal Purchasing System (TIPS)	N		
9. Other			

☐ **MY COMPANY DOES NOT CURRENTLY HAVE ANY OF THE ABOVE OR SIMILAR TYPE CONTRACTS.**

CURRENT BUYBOARD VENDORS

If you are a current BuyBoard vendor in the same contract category as proposed in this Proposal Invitation, indicate the discount for your current BuyBoard contract and the proposed discount in this Proposal. Explain any difference between your current and proposed discounts.

Current Discount (%): 1% to 45% **Proposed Discount (%):** 1% to 50%

Explanation: There is not only one discount, there is a range, pricing will be as favorable to the end user or more so on 698-23 as we were on 603-20.

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GOVERNMENTAL REFERENCES

For your Proposal to be considered, you must supply a minimum of five (5) individual governmental entity references. The Cooperative may contact any and all references provided as part of the Proposal evaluation. Provide the information requested below, including the existing pricing/discounts you offer each customer. The Cooperative may determine whether pricing/discounts are fair and reasonable by comparing pricing/discounts stated in your Proposal with the pricing/discounts you offer other governmental customers. Attach additional pages if necessary.

	Entity Name	Contact	Phone#	Email Address	Discount	Quantity/ Volume
1.	Laredo, TX	GUILLERMO HEARD	956.718.6000	GHEARD@CI.LAREDO.TX.US	1 TO 50%	DEPENDING ON PRODUCT
2.	Grand Prairie, TX	BILL MURPY	972.237.8300	BMURPHY@GPTX.ORG	1 TO 50%	DEPENDING ON PRODUCT
3.	La Porte, TX	CARL HOLLEY	281.471.5020	HOLEYC@LAPORTETEX.GOV	1 TO 50%	DEPENDING ON PRODUCT
4.	Coppell, TX	KEVIN RICHARDSON	972.304.3512	KRICHARDSON@COPPELLTX.GOV	1 TO 50%	DEPENDING ON PRODUCT
5.	Round Rock, TX	DANNY MARKS	512.671.2779	DMARK@ROUNDROCKTEXAS.GOV	1 TO 50%	DEPENDING ON PRODUCT

Do you ever modify your written policies or standard governmental sales practices as identified in the above chart to give better discounts (lower pricing) than indicated? **YES** ☒ **NO** ☐ If YES, please explain:

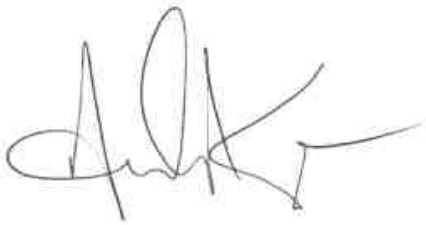
Quantity discounts in certain situations can apply, which would result in better pricing to the End user.

COMPANY PROFILE

Information on awarded Cooperative Contracts is available to Cooperative Members on the BuyBoard website. If your company is awarded a Contract under this Proposal Invitation, please provide a brief company description that you would like to have included with your company profile on the BuyBoard website. **Submit your company profile in a separate file, in Word format, with your Proposal.** (Note: Vendor is solely responsible for any content provided for inclusion on the BuyBoard website. The Cooperative reserves the right to exclude or remove any content in its sole discretion, with or without prior notice, including but not limited to any content deemed by the Cooperative to be inappropriate, irrelevant to the Contract, inaccurate, or misleading.)

Company Profile

Metro Fire Apparatus Specialists was incorporated in 1999, we are a Texas franchised dealership of Spartan Emergency Fire Apparatus, and Super Vac Trucks. Metro Fire operates 3 fire truck service and warranty facilities across the State, as well as a Make Ready and Fabrication facility. We also distribute a full line of loose equipment from the best brands in the fire service. Our distribution division includes nozzles, hose, PPE, imaging, hand tools and more, including SCBA and compressor sales and service. Metro Fire employs over 20 outside salesmen, 50+ technicians, mechanics, and fabricators, and over 25 sales/service support personnel. Metro Fire is also a licensed convertor and brush truck builder, mostly building on customer supplied Ford, Chevy and Dodge chassis we build custom brush trucks, chief rides, squad units, specialty units, command vehicles and more for customers across the state.



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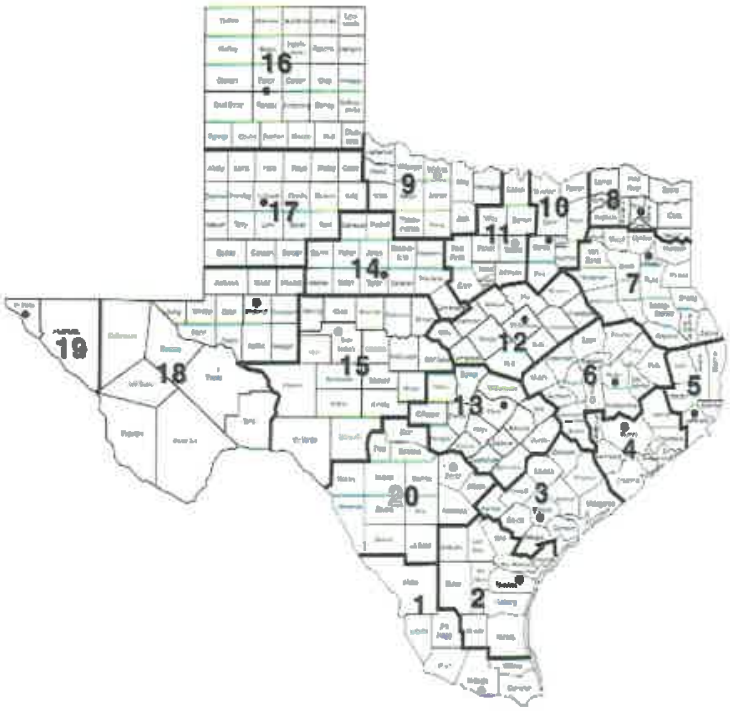
TEXAS REGIONAL SERVICE DESIGNATION

This form must be completed in the electronic proposal submission system (or, if submitting a hard copy Proposal, timely request and complete the form in accordance with the Instructions to Proposers).

The Cooperative (referred to as "Texas Cooperative" in this form and in the State Service Designation form) offers vendors the opportunity to service its members throughout the entire State of Texas. In the electronic proposal submission system, you must indicate if you will service Texas Cooperative members statewide or, if you do not plan to service all Texas Cooperative members statewide, you **must** indicate the specific regions you will service. If you propose to serve different regions for different products or services included in your Proposal, you must complete and submit a separate Texas Regional Service Designation form for each group of products and clearly indicate the products or services to which the designation applies. **(Additional forms can be obtained by contacting** bids@buyboard.com at least five (5) business days prior to the Proposal Due Date.) ***By designating a region or regions, you are certifying that you are authorized and willing to provide the proposed products and services in those regions. Designating regions in which you are either unable or unwilling to provide the specified products and services shall be grounds for either rejection of your Proposal or, if awarded, termination of your Contract.*** Additionally, if you do not plan to service Texas Cooperative members (i.e., if you will service only states other than Texas), you must so indicate on the form in the electronic proposal submission system.

Regional Education Service Centers



Region and Headquarters

1 Edinburg
2 Corpus Christi
3 Victoria
4 Houston
5 Beaumont
6 Huntsville
7 Kilgore
8 Mount Pleasant
9 Wichita Falls
10 Richardson
11 Fort Worth
12 Waco
13 Austin
14 Abilene
15 San Angelo
16 Amarillo
17 Lubbock
18 Midland
19 El Paso
20 San Antonio

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REQUIRED FORMS CHECKLIST

(Please check (√) the following)

☑ Reviewed/Completed: **Proposer's Acceptance and Agreement**

PROPOSAL FORMS PART 1: COMPLIANCE FORMS

☑ Reviewed/Completed: **Proposal Acknowledgements**
☑ Reviewed/Completed: **Felony Conviction Disclosure**
☑ Reviewed/Completed: **Resident/Nonresident Certification**
☑ Reviewed/Completed: **Debarment Certification**
☐ Reviewed/Completed: **Vendor Employment Certification**
☑ Reviewed/Completed: **No Boycott Verification**
☑ Reviewed/Completed: **No Excluded Nation or Foreign Terrorist Organization Certification**
☑ Reviewed/Completed: **Historically Underutilized Business Certification**
☑ Reviewed/Completed: **Acknowledgement of BuyBoard Technical Requirements**
☑ Reviewed/Completed: **Construction-Related Goods and Services Affirmation**
☑ Reviewed/Completed: **Deviation and Compliance**
☑ Reviewed/Completed: **Vendor Consent for Name Brand Use**
☑ Reviewed/Completed: **Confidential/Proprietary Information**
☑ Reviewed/Completed: **EDGAR Vendor Certification**
☑ Reviewed/Completed: **Compliance Forms Signature Page**

PROPOSAL FORMS PART 2: VENDOR INFORMATION FORMS

☑ Reviewed/Completed: **Vendor Business Name**
☑ Reviewed/Completed: **Vendor Contact Information** *(complete in electronic proposal submission system)*
☑ Reviewed/Completed: **Federal and State/Purchasing Cooperative Experience**
☑ Reviewed/Completed: **Governmental References**
☑ Reviewed/Completed: **Company Profile**
☑ Reviewed/Completed: **Texas Regional Service Designation** *(complete in electronic proposal submission system)*
☑ Reviewed/Completed: **State Service Designation** *(complete in electronic proposal submission system)*
☑ Reviewed/Completed: **National Purchasing Cooperative Vendor Award Agreement** *(Vendors serving outside Texas only)*
☑ Reviewed/Completed: **Local/Authorized Seller Listings**
☑ Reviewed/Completed: **Manufacturer Dealer Designation**
☑ Reviewed/Completed: **Proposal Invitation Questionnaire**
☑ Reviewed/Completed: **Vendor Request to Self-Report BuyBoard Purchases** *(Optional)*

☐ Reviewed/Completed: **Proposal Specifications** *Discount (%) off Catalog/Pricelist and/or other required pricing information including Catalogs/Pricelists (or no bid response) must be submitted with the Proposal or the Proposal will not be considered.*

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STATE SERVICE DESIGNATION

This form must be completed in the electronic proposal submission system (or, if submitting a hard copy Proposal, timely request and complete the in accordance with the Instructions to Proposers).

As set forth in the Proposal Invitation, it is the Cooperative's intent that other governmental entities in the United States have the opportunity to purchase goods or services awarded under the Contract, subject to applicable state law, through a piggy-back award or similar agreement through the National Purchasing Cooperative BuyBoard. If you plan to service the entire United States or only specific states, you must complete the State Service Designation information in the electronic proposal submission system. *(Note: If you plan to service Texas Cooperative members, be sure that you complete the Texas Regional Service Designation form.)* ***In addition to this form, to be considered for a piggy-back award by the National Purchasing Cooperative, you must have an authorized representative sign the National Purchasing Cooperative Vendor Award Agreement that follows this page.***

If you serve different states for different products or services included in your Proposal, you must complete and submit a separate State Service Designation form for each group of products and clearly indicate the products or services to which the designation applies. **(Additional forms can be obtained by contacting bids@buyboard.com at least five (5) business days prior to the Proposal Due Date.)** ***By designating a state or states, you are certifying that you are authorized and willing to provide the proposed products and services in those states. Designating states in which you are either unable or unwilling to provide the specified products and services shall be grounds for either rejection of your Proposal or, if awarded, termination of your Contract.***

- I will service all states in the United States.
- I will not service all states in the United States.

Alabama
Alaska
Arizona
Arkansas
California (Public Contract Code 20118 & 20652)
Colorado
Connecticut
Delaware
District of Columbia
Florida
Georgia
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Kentucky
Louisiana
Maine
Maryland
Massachusetts
Michigan
Minnesota
Mississippi
Missouri
Montana
Nebraska
Nevada
New Hampshire
New Jersey
New Mexico
New York
North Carolina
North Dakota
Ohio
Oklahoma
Oregon
Pennsylvania
Rhode Island
South Carolina
South Dakota
Tennessee
Texas
Utah
Vermont
Virginia
Washington
West Virginia
Wisconsin
Wyoming

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NATIONAL PURCHASING COOPERATIVE VENDOR AWARD AGREEMENT

In accordance with the Terms and Conditions associated with this Proposal Invitation, a contract awarded under this Proposal Invitation may be "piggy-backed" by another governmental entity. The National Purchasing Cooperative is an intergovernmental purchasing cooperative formed by certain school districts outside of Texas to serve its members throughout the United States. If you agree to be considered for a piggy-back award by the National Purchasing Cooperative, you agree to the following terms and agree to serve National Purchasing Cooperative members in the states you have indicated on the State Service Designation form, in your Proposal.

By signing this form, Proposer (referred to in this Agreement as "Vendor") agrees as follows:

1. Vendor acknowledges that if The Local Government Purchasing Cooperative ("Texas Cooperative") awards Vendor a contract under this Proposal Invitation ("Underlying Award"), the National Purchasing Cooperative ("National Cooperative") may - but is not required to - "piggy-back" on or re-award all or a portion of that Underlying Award ("Piggy-Back Award"). By signing this National Cooperative Vendor Award Agreement ("Agreement"), Vendor accepts and agrees to be bound by any such Piggy-Back Award as provided for herein.

2. In the event National Cooperative awards Vendor a Piggy-Back Award, the National Cooperative Administrator ("BuyBoard Administrator") will notify Vendor in writing of such Piggy-Back Award, which award shall commence on the effective date stated in the Notice and end on the expiration date of the Underlying Award, subject to annual renewals as authorized in writing by the BuyBoard Administrator. Vendor agrees that no further signature or other action is required of Vendor in order for the Piggy-Back Award and this Agreement to be binding upon Vendor. Vendor further agrees that no interlineations or changes to this Agreement by Vendor will be binding on National Cooperative, unless such changes are agreed to by its BuyBoard Administrator in writing.

3. Vendor agrees that it shall offer its goods and services to National Cooperative members at the same unit pricing and same general terms and conditions, subject to applicable state laws in the state of purchase, as required by the Underlying Award. However, nothing in this Agreement prevents Vendor from offering National Cooperative members better (i.e., lower) competitive pricing and more favorable terms and conditions than those in the Underlying Award.

4. Vendor hereby agrees and confirms that it will serve those states it has designated on the State Service Designation Form of this Proposal Invitation. Any changes to the states designated on the State Service Designation Form must be approved in writing by the BuyBoard Administrator.

5. Vendor agrees to pay National Cooperative the service fee provided for in the Underlying Award based on the amount of purchases generated from National Cooperative members through the Piggy-Back Award. Vendor shall remit payment to National Cooperative on such schedule as it specifies (which shall not be more often than monthly). Further, upon request, Vendor shall provide National Cooperative with copies of all purchase orders generated from National Cooperative members, vendor invoices, and/or such other documentation regarding those purchase orders as the Cooperative's administrators may require in their reasonable discretion for purposes of reviewing and verifying purchase activity. Vendor further agrees that National Cooperative shall have the right, upon reasonable written notice, to review Vendor's records pertaining to purchases made by National Cooperative members in order to verify the accuracy of service fees.

6. Vendor agrees that the Underlying Award, including its General Terms and Conditions, are adopted by reference to the fullest extent such provisions can reasonably apply to the post-proposal/contract award phase. The rights and responsibilities that would ordinarily inure to the Texas Cooperative pursuant to the Underlying Award shall inure to National Cooperative; and, conversely, the rights and responsibilities that would ordinarily inure to Vendor in the Underlying Award shall inure to Vendor in this Agreement. Vendor recognizes and agrees that Vendor and National Cooperative are the only parties to this Agreement, and that nothing in this Agreement has application to other third parties, including the Texas Cooperative. In the event of conflict between this Agreement and the terms of the Underlying Award, the terms of this Agreement shall control, and then only to the extent necessary to reconcile the conflict.

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7. This Agreement shall be governed and construed in accordance with the laws of the State of Rhode Island and venue for any dispute shall lie in the federal district court of Alexandria, Virginia.

8. Vendor acknowledges and agrees that the award of a Piggy-Back Award is within the sole discretion of National Cooperative, and that this Agreement does not take effect unless and until National Cooperative awards Vendor a Piggy-Back Award and the BuyBoard Administrator notifies Vendor in writing of such Piggy-Back Award as provided for herein.

WHEREFORE, by signing below Vendor agrees to the foregoing and warrants that it has the authority to enter into this Agreement.

Metro Fire Apparatus Specialists, Inc.
Name of Vendor

Signature of Authorized Company Official

Proposal No. 698-23 for Public Safety and Firehouse Supplies and Equipment
Proposal Invitation Number

Andy King
Printed Name of Authorized Company Official

11/09/2022
Date

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Location/Authorized Seller Listings

If you have more than one location/authorized seller that will service a Contract awarded under this Proposal Invitation, please list each location/authorized seller below. If additional sheets are required, please duplicate this form as necessary. NOTE: Awarded Vendors shall remain responsible for all aspects of the Contract, including processing of Purchase Orders, and shall be responsible for the performance of all locations and authorized sellers under and in accordance with the Contract. ***If you are a product manufacturer and wish to designate Designated Dealers as defined in the General Terms and Conditions to receive Cooperative member Purchase Orders on your behalf, you must complete the Manufacturer Designated Dealer form.***

Location/Authorized Seller Name	Contact Person	Contact Information (Mailing Address, Phone, Fax, Email)

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MANUFACTURER DEALER DESIGNATION

If Vendor is a manufacturer that sells products through a dealer network and wishes to designate a dealer or multiple dealers ("Designated Dealers") to receive Cooperative member Purchase Orders on Vendor's behalf, you must complete this form for each dealer you wish to designate.

Regardless of any Designated Dealers submitted by Vendor, Vendor specifically agrees and acknowledges that any such designations are for Vendor's convenience only and shall not, if Vendor is awarded a Contract, relieve Vendor of any obligations under the Contract, including payment of Cooperative service fees on all Purchase Orders submitted to Vendor or any Designated Dealer. In accordance with the General Terms and Conditions, an awarded Vendor shall remain responsible and liable for all of its obligations under the Contract and the performance of both Vendor and any of Vendor's Designated Dealers under and in accordance with the Contract and remain subject to all remedies for default thereunder, including, but not limited to suspension and termination of Vendor's Contract for nonpayment of service fees.

If awarded, Vendor authorizes the Cooperative, in its sole discretion, to list any Vendor Designated Dealers in the BuyBoard system and to receive Purchase Orders directly from Cooperative members on behalf of Vendor. To the extent a Vendor with Designated Dealers receives a Purchase Order directly, it shall be the responsibility of Vendor to appropriately process such Purchase Order in accordance with the Contract, including but not limited to timely forwarding such Purchase Order to a Designated Dealer for processing.

The Cooperative reserves the right, in its sole discretion, to refuse addition of, or request removal of, any Designated Dealer, and Vendor agrees to immediately require such Designated Dealer to cease accepting Purchase Orders or otherwise acting on Vendor's behalf under the Contract. Further, the Cooperative administrator shall be authorized to remove or suspend any or all Designated Dealers from the BuyBoard at any time in its sole discretion.

If you wish to designate a dealer to service a contract awarded under this Proposal Invitation, please list the Designated Dealer below. If you wish to designate multiple dealers, please duplicate this form as necessary.

Designated Dealer Name _____ Designated Dealer Contact Person _____

Designated Dealer Address _____

City _____ State _____ Zip _____

Phone Number _____ Fax Number _____

Email address _____ Designated Dealer Tax ID Number* **(*attach W-9)** _____

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PROPOSAL INVITATION QUESTIONNAIRE

The Cooperative will use your responses to the questions below in evaluating your Proposal and technical and financial resources to provide the goods and perform the services ("Work") under the BuyBoard contract contemplated by this Proposal Invitation ("Contract"). Proposers must fully answer each question, numbering your responses to correspond to the questions/numbers below. Proposers must complete below or attach your responses to this questionnaire and submit in one document with your Proposal. **You must submit the questionnaire and responses with your Proposal or the Proposal will not be considered.**

1. List the number of years Proposer has been in business and former business names (if applicable). Note whether your company is currently for sale or involved in any transaction that would significantly alter its business or result in acquisition by another entity.

Established in 1986, incorporate in 1999. No name changes in that time. At this time Metro Fire is not for sale and there are not plans that would significantly alter our business.

2. Describe the resources Proposer has to manage staff and successfully perform the Work contemplated under this Contract. State the number and summarize the experience of company personnel who may be utilized for the Work, including those who will be available to Cooperative members for assistance with project development, technical issues, and product selection for Work associated with this Contract.

Metro Fire is fully staffed with sales, administration and support personnel. Experienced Corporate staff of 11, with branch staff numbering in the range of 2 to 10 per location. Over 20 salesmen in the field and an executive staff that helps oversee all departments. Our total company roster as of 11/09/2022 is 102 employees, more can be found at www.mfas.com.

3. **Marketing Strategy:** For your Proposal to be considered, you must submit the Marketing Strategy you will use if the Cooperative accepts all or part of your Proposal. *(Example: Explain how your company will initially inform Cooperative members of your BuyBoard Contract, and how you will continue to support the BuyBoard for the duration of the Contract term.)* Attach additional pages if necessary.

See attachment. "BuyBoard Marketing Strategy 698-23"

METRO FIRE Apparatus Specialists, Inc.
17360 SH 249 Ste 250 Houston, TX 77064 / (713) 692-0911 / (713) 692-1591 fax

November 9, 2022

Regarding: 698-23 Marketing Strategy

To whom it may concern,

Metro Fire's Marketing Strategy will include the following:

1. Educating our outside sales staff of 20 salesmen statewide with the knowledge of this contract and the material to educate their end user customers.

2. Posting and highlighting the BuyBoard logo on our website as an indicator that we are a contracting member of the co-op.

3. Direct mailers highlighting certain products that are on the BuyBoard contract, for example TFT, Paratech and Fire-Dex.

In addition to the strategy above we will also continue to educate our customers of Buy Board. Our customers appreciate that Buy Board is Texas based and easy to use as a member.

For any questions or comments please contact Andy King, (713) 692-0911

Andy King

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4. Describe Proposer's financial capability to perform the Contract. State or describe the firm's financial strength and rating, bonding capacity, and insurance coverage limits. State whether the firm, or any of the firm's past or present owners, principal shareholders or stockholders, or officers, have been a debtor party to a bankruptcy, receivership, or insolvency proceeding in the last 7 years, and identify any such debtor party by name and relationship to or position with your firm.

Metro Fire's financial capability is very positive. Our company is in good standing with all suppliers and vendors with excellent payment history. References are certainly available upon request. We are a fully insured, liability, property, casualty, etc. Metro Fire's cash reserves are healthy, sales YTD are up and our backlog is also strong.

5. Does your company have any outstanding financial judgments and/or is it currently in default on any loan or financing agreement? If so, provide detailed information on the nature of such items and prospects for resolution.

No.

6. List all contracts, if any, in the last 10 years on which Proposer has defaulted, failed to complete or deliver the work, or that have been terminated for any reason. For each such contract, provide the project name, scope, value and date and the name of the procuring entity. Fully explain the circumstances of the default, failure to complete or deliver the work, or termination.

We have not defaulted or failed to complete or delivery work under contract. We have not been terminated from a customer contract in our history.

7. List all litigation or other legal proceedings (including arbitration proceedings), if any, in the last 10 years brought against your firm, or any of the firm's past or present owners, principal shareholders or stockholders, officers, agents or employees, that relate to or arise from a contract similar to this Contract or the Work contemplated under this Contract. Provide the style of the lawsuit or proceeding (name of parties and court or tribunal in which filed), nature of the claim, and resolution or current status.

None related to contracts similar to this contract or work.

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VENDOR REQUEST TO SELF-REPORT BUYBOARD PURCHASES

The General Terms and Conditions require that all Purchase Orders generated by or under any Contract awarded under this Proposal Invitation be processed through the BuyBoard and, except as expressly authorized in writing by the Cooperative administrator, Vendors are not authorized to process Purchase Orders received directly from Cooperative members that have not been processed through the BuyBoard or provided to the Cooperative. In accordance with this provision, Vendor may request authorization of the Cooperative administrator to self-report Cooperative member purchases if awarded a Contract under this Proposal Invitation. By making such a request, Vendor acknowledges and agrees that self-reporting is specifically subject to and conditioned upon (1) Vendor's agreement to the Additional Terms and Conditions for BuyBoard Self-Reporting which are included in this Proposal Invitation and incorporated herein for all purposes and (2) approval of this request in writing by the Cooperative administrator.

Note: This form is NOT required as part of your proposal. You should sign and return this form ONLY if you wish to request authorization to self-report BuyBoard purchases. Any request to self-report will not be effective, and Vendor shall not be authorized to self-report BuyBoard member purchases, unless and until (1) Vendor is awarded a Contract under this Proposal Invitation, and (2) the request has been approved in writing by the Cooperative administrator.

By my signature below, I hereby request authorization from the Cooperative administrator to self-report BuyBoard purchases if my company is awarded a Contract. I certify that I am authorized by the above-named Vendor to approve this form, and I have received and read the Additional Terms and Conditions for BuyBoard Self-Reporting included in this Proposal Invitation and do hereby approve and agree to such terms and conditions on behalf of Vendor.

NAME OF VENDOR: _____

_____
Signature of Vendor Authorized Representative

Printed Name: _____

Title: _____

Date: _____

(For Cooperative Administrator Use Only)

Approved by BuyBoard Administrator: _____

Effective/Start Date for Self-Reporting: _____

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PROPOSAL SPECIFICATION SUMMARY

The categories and items specified for this Proposal Invitation are summarized below. For full Proposal Specifications, you must review and complete the Proposal Specification information in the electronic proposal submission system in accordance with the Instructions to Proposers (or, if submitting a hard copy Proposal, timely request and complete the Proposal Specification Form in accordance with the Instructions to Proposers).

PROPOSAL NOTE: Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. No paper catalogs or manufacturer/vendor websites will be accepted.

Section I: Public Safety Supplies and Equipment

1. Discount (%) off catalog/pricelist for **Firearms and Ammunition.**
2. Discount (%) off catalog/pricelist for **Tactical Equipment.**
3. Discount (%) off catalog/pricelist for **Night Sticks and Batons.**
4. Discount (%) off catalog/pricelist for **Riot Equipment/Body Armor.**
5. Discount (%) off catalog/pricelist for **Public Safety Vehicle Equipment and Related Accessories.**
6. Discount (%) off catalog/pricelist for **Tear Gas/Mace and Related Items.**
7. Discount (%) off catalog/pricelist for **Night Vision and Infrared Equipment.**
8. Discount (%) off catalog/pricelist for **Thermal Imaging Equipment and Products.**
9. Discount (%) off catalog/pricelist for **Flashlights, Batteries, and Related Items.**
10. Discount (%) off catalog/pricelist for **Electronic Stand-up Vehicles (ESV).**
11. Discount (%) off catalog/pricelist for **All Types of Public Safety Patrol Bicycles, Supplies and Related Accessories.**
12. Discount (%) off catalog/pricelist for **Public Safety Rescue Equipment.**
13. Discount (%) off catalog/pricelist for **Handcuffs and Restraints.**
14. Discount (%) off catalog/pricelist for **Scopes and Binoculars.**
15. Discount (%) off catalog/pricelist for **Alcohol and Drug Testing Products and Related Services.**
16. Discount (%) off catalog/pricelist for **Law Enforcement Training Targets.**
17. Discount (%) off catalog/pricelist for **Fingerprint Equipment and Supplies.**
18. Discount (%) off catalog/pricelist for **Law Enforcement Knives and Tools** (multipurpose tools, clip tools, mini tools, and related accessories).
19. Discount (%) off catalog/pricelist for **Public Safety Uniforms, Rainwear, Jackets, Footwear, and Accessories.**
20. Discount (%) off catalog/pricelist for **Weather Monitoring Systems.**
21. Discount (%) off catalog/pricelist for **Red Light Monitoring Systems.**
22. Discount (%) off catalog/pricelist for **Speed Enforcement Equipment.**
23. Discount (%) off catalog/pricelist for **Public Safety Life Preserver and Related Items.**
24. Discount (%) off catalog/pricelist for **Emergency Radio Dispatch Consoles and related items.**
25. Discount (%) off catalog/pricelist for **Safety and Security Window Film Products.**
26. Discount (%) off catalog/pricelist for **Gunshot and Threat Detection Products and Systems.**
27. Discount (%) off catalog/pricelist for **All Types Security Access Doors and related accessories** (accordion, roll up, wood fold, flat lead post, narrow lead post, and curved).
28. Discount (%) off catalog/pricelist for **All Other Public Safety Products and Equipment.**
29. Discount (%) off catalog/pricelist for **Public Safety Equipment Repair Parts.**
30. Discount (%) off catalog/pricelist for **Public Safety Equipment and Products Maintenance/Warranty Agreements.**

Section II: Firehouse Supplies and Equipment

31. Discount (%) off catalog/pricelist for **Breathing Apparatus.**

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32. Discount (%) off catalog/pricelist for **Protective Clothing and Rescue Gear including Protective Boots, Helmets and Gear Bags.**
33. Discount (%) off catalog/pricelist for **Turnout Gear.**
34. Discount (%) off catalog/pricelist for **Nomex Station Uniforms.**
35. Discount (%) off catalog/pricelist for **Communication Devices and Systems.**
36. Discount (%) off catalog/pricelist for **EMS Supplies and Equipment.**
37. Discount (%) off catalog/pricelist for **Portable Lighting Equipment.**
38. Discount (%) off catalog/pricelist for **Vehicle Light Bars, Sirens, and Speakers.**
39. Discount (%) off catalog/pricelist for **Fire Extrication Rescue Equipment.**
40. Discount (%) off catalog/pricelist for **Firehouse Uniforms, Rainwear, Jackets, Footwear and Accessories.**
41. Discount (%) off catalog/pricelist for **Gas Detection Devices, Cameras, and Systems.**
42. Discount (%) off catalog/pricelist for **Fire Hose and Nozzles.**
43. Discount (%) off catalog/pricelist for **Fire Extinguishers and Fire Fighting Foam.**
44. Discount (%) off catalog/pricelist for **Fire Hose Hydrostatic Testing Services.**
45. Discount (%) off catalog/pricelist for **Fire Fighting Training Materials and Equipment.**
46. Discount (%) off catalog/pricelist for **Optical Emergency Traffic Pre-Emption Supplies and Equipment.**
47. Discount (%) off catalog/pricelist for **All Other Firehouse Equipment and Supplies.**
48. Discount (%) off catalog/pricelist for **Firehouse Equipment Repair Parts.**
49. Discount (%) off catalog/pricelist for **Firehouse Equipment and Products Safety Maintenance/Warranty Agreements.**

Section III: Installation and Repair Service

50. **Hourly Labor Rate for Installation/Repair Service of Public Safety Equipment and Products** - Not to Exceed hourly labor rate for Installation/Repair Service of Public Safety Equipment and Products.
51. **Hourly Labor Rate for Installation/Repair Service of Firehouse Equipment and Products** - Not to Exceed hourly labor rate for Installation/Repair Service of Firehouse Equipment and Products.

Metro Fire Apparatus Specialists, Inc. Information

Contact: Andy King, VP-Operations
Address: 17350 SH 249 - #250
Houston, TX 77064
Phone: (713) 692-0911
Fax: (713) 692-1591
Email: aking@mfas.com
Web Address: www.mfas.com

By submitting your response, you certify that you are authorized to represent and bind your company.

Andy King — *Signature*
aking@mfas.com — *Email*
Submitted at 11/10/2022 02:49:37 PM (CT)

Requested Attachments

BuyBoard Proposal Invitation No. 698-23 Public Safety and Firehouse Supplies and Equipment — BuyBoard Proposal Invitation Documents Signed.pdf

REQUIRED-In PDF format, upload all proposal invitation documents available for download at vendor.buyboard.com including any additional pages, as necessary. NOTICE: DO NOT complete proposal forms in internet browser. No data will be stored. Download file to computer and complete proposal forms prior to submitting. (Please DO NOT password protect uploaded files.)

Catalog/Pricelist — Metro Fire Apparatus Specialists, Inc Vendor Price Lists - BuyBoard 698-23 Proposal.pdf

REQUIRED-In Excel or PDF format, upload catalog(s)/pricelist(s) in accordance with proposal invitation instructions. Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or Proposal will not be considered. No paper catalogs or manufacturer/vendor websites will be accepted. File size must not exceed 250MB. (Please DO NOT password protect uploaded files.)

Exceptions and/or Detailed Information Related to Discount % and/or Hourly Labor Rate Proposed — Metro Fire Apparatus Specialists Detailed Information MSRP.pdf

In PDF format and if necessary, vendor shall attach detailed information regarding exceptions to pricing and/or discount percentage and define the services that are proposed to be provided. NOTE: IF DETAILED INFORMATION IS NOT SUBMITTED, PROPOSAL MAY NOT BE CONSIDERED. (Please DO NOT password protect uploaded files.)

Company Profile — Company Profile.docx

REQUIRED-Information on awarded Cooperative Contracts is available to Cooperative Members on the BuyBoard website. If your company is awarded a Contract under this Proposal Invitation, please provide a brief company description that you would like to have included with your company profile on the BuyBoard website. Submit your company profile in a separate file, in Word format, with your Proposal. (Note: Vendor is solely responsible for any content provided for inclusion on the BuyBoard website. The Cooperative reserves the right to exclude or remove any content in its sole discretion, with or without prior notice, including but not limited to any content deemed by the Cooperative to be inappropriate, irrelevant to the Contract, inaccurate, or misleading.)

IRS Form W-9 Request for Taxpayer Identification Number and Certification — W-9 Form - Metro Fire Apparatus Specialists, Inc. - BuyBoard 2022.pdf

REQUIRED-In PDF format, upload W-9 form. (Please DO NOT password protect uploaded files.)

Response Attachments

Metro Fire Apparatus Specialists Repair and Warranty MSRP SEC_29,30,48,49,50,51 - 11_2022.pdf

Metro Fire Response to Secs. 29,30,47,48,49,50 and 51.

Firecraft 2022 FX Glove MSRP Price List041522.pdf

FireCraft Gloves 2022 MSRP Pricelist

Metro Fire Apparatus Specialists Repair and Warranty MSRP SEC_29,30,48,49,50,51 - 11_2022.pdf

Metro Fire Apparatus Specialists, Inc. Catalog Price List 2022

Council Tool MSRP Price LIst 2022.pdf

Council Tool 2022 MSRP Price List

Bid Attributes

1	**Federal Identification Number** Federal Identification Number 76-0598763
2	**HUB/No Israel Boycott Certification/No Excluded Nation or Foreign Terrorist Certification** HUB/No Israel Boycott Certification/No Excluded Nation or Foreign Terrorist Certification
3	**No Israel Boycott Certification** A Texas governmental entity may not enter into a contract with a value of $100,000 or more that is to be paid wholly or partly from public funds with a company (excluding a sole proprietorship) that has 10 or more full-time employees for goods or services unless the contract contains a written verification from the company that it: (1) does not boycott Israel; and (2) will not boycott Israel during the term of the contract. (TEX. GOV'T CODE Ch. 2270). Accordingly, this certification form is included to the extent required by law. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes. TEX. GOV'T CODE §808.001(1). By signature on the Compliance Forms Signature Page, to the extent applicable, I certify and verify that Vendor does not boycott Israel and will not boycott Israel during the term of any contract awarded under this Proposal Invitation, that this certification is true, complete and accurate, and that I am authorized by my company to make this certification. Yes
4	**No Excluded Nation or Foreign Terrorist Organization Certification** Chapter 2252 of the Texas Government Code provides that a Texas governmental entity may not enter into a contract with a company engaged in active business operations with Sudan, Iran, or a foreign terrorist organization – specifically, any company identified on a list prepared and maintained by the Texas Comptroller under Texas Government Code §§806.051, 807.051, or 2252.153. (A company that the U.S. Government affirmatively declares to be excluded from its federal sanctions regime relating to Sudan, Iran, or any federal sanctions regime relating to a foreign terrorist organization is not subject to the contract prohibition.) By signature on the Compliance Forms Signature Page, I certify and verify that Vendor is not on the Texas Comptroller's list identified above; that this certification is true, complete and accurate; and that I am authorized by my company to make this certification. Yes

5 **MWBE/HUB Status Certification**

A Proposer that has been certified as a Historically Underutilized Business (also known as a Minority/Women Business Enterprise or "MWBE" and all referred to in this form as a "HUB") is encouraged to indicate its HUB certification status when responding to this Proposal Invitation. The BuyBoard website will indicate HUB certifications for awarded Vendors that properly indicate and document their HUB certification on this form.

I certify that my company has been certified as a MWBE/HUB in the following categories: *(Please check all that apply)*

6 **Minority Owned Business**

Minority Owned Business

☐ *Minority Owned Business (Yes)*

7 **Women Owned Business**

Women Owned Business

☐ *Women Owned Business (Yes)*

8 **Service-Disabled Veteran Owned Business**

Service-Disabled Veteran Owned Business (veteran defined by 38 U.S.C. §101(2), who has a service-connected disability as defined by 38 U.S.C. § 101(16), and who has a disability rating of 20% or more as determined by the U. S. Department of Veterans Affairs or Department of Defense)

☐ *Service-Disabled Veteran Owned Business (Yes)*

9 **Certification Number**

Certification Number

No response

10 **Name of Certifying Agency**

Certifying Agency

No response

11 **Non-MWBE/HUB**

My company has NOT been certified as a MWBE/HUB

☑ Non-HUB (Yes)

12 **Vendor General Contact Information**

Proposal/Contract General Contact Information

13 **Vendor Proposal/Contract Contact Name**

Vendor Proposal/Contract Contact Name

Andy King

14 **Vendor Proposal/Contract Contact E-mail Address**

Vendor Proposal/Contract Contact E-mail Address

aking@mfas.com

15 **Vendor Proposal/Contract Mailing Address**

Vendor Proposal/Contract Mailing Address

17350 SH 249 Suite 250

16 **Vendor Proposal/Contact Mailing Address - City**

Vendor Proposal/Contact Mailing Address - City

Houston

17 **Vendor Proposal/Contact Mailing Address - State**

Vendor Proposal/Contact Mailing Address - State (Abbreviate State Name)

TX

18 **Vendor Proposal/Contact Mailing Address - Zip Code**

Vendor Proposal/Contact Mailing Address - Zip Code

77064

19 **Vendor Proposal/Contact Phone Number**

Vendor Proposal/Contact Phone Number (xxx-xxx-xxxx)

713-692-0911

20 **Vendor Proposal/Contact Extension Number**

Vendor Proposal/Contact Extension Number

No response

21 **Company Website**

Company Website (www.XXXXX.com)

www.mfas.com

22 **Purchase Orders Contact Information**

All Purchase Orders from Cooperative members will be available through the Internet. Vendors need Internet access and at least one e-mail address so that notification of new orders can be sent to the Internet contact when a new purchase order arrives. An information guide will be provided to Vendors to assist them with retrieving their orders.

Please select options below for receipt of Purchase Orders and provide the requested information:

- I will use the internet to receive Purchase Orders at the following address

Yes

23 **Purchase Order E-mail Address**

Purchase Order E-mail Address

aking@mfas.com

24 **Purchase Order Contact Name**

Purchase Order Contact Name

Andy King

25 **Purchase Order Contact Phone Number**

Purchase Order Contact Phone Number (xxx-xxx-xxxx)

713-692-0911

26 **Purchase Order Contact Extension Number**

Purchase Order Contact Extension Number

No response

27 **Alternate Purchase Order E-mail Address**

Alternate Purchase Order E-mail Address

aking@mfas.com

28 **Alternate Purchase Order Contact Name**

Alternate Purchase Order Contact Name

jminton@mfas.com

29 **Alternate Purchase Order Contact Phone Number**

Alternate Purchase Order Contact Phone Number (xxx-xxx-xxxx)

713-724-8610

30 **Alternate Purchase Order Contact Extension Number**

Alternate Purchase Order Contact Extension Number

No response

31 **Purchase Orders Contact Information**

All Purchase Orders from Cooperative members will be available through the Internet. Vendors need Internet access and at least one e-mail address so that notification of new orders can be sent to the Internet contact when a new purchase order arrives. An information guide will be provided to Vendors to assist them with retrieving their orders.

Please select options below for receipt of Purchase Orders and provide the requested information:

- Purchase Orders may be received by the Designated Dealer(s) identified on my company's Dealer Designation form as provided to the Cooperative administrator. I understand that my company shall remain responsible for the Contract and the performance of all Designated Dealers under and in accordance with the Contract.

Yes

32 **Request for Quotes (â€œRFQâ€)**

Cooperative members will send RFQs to you by e-mail. Please provide e-mail addresses for the receipt of RFQs:

33 **Request for Quote (RFQ) E-mail Address**

Request for Quote (RFQ) E-mail Address

aking@mfas.com

34 **Request for Quote (RFQ) Contact Name**

Request for Quote (RFQ) Contact Name

Andy King

35 **Request for Quote (RFQ) Contact Phone Number**

Request for Quote (RFQ) Contact Phone Number (xxx-xxx-xxxx)

713-692-0911

36	**Request for Quote (RFQ) Contact Extension Number** Request for Quote (RFQ) Contact Extension Number *No response*
37	**Alternate Request for Quote (RFQ) E-mail Address** Alternate Request for Quote (RFQ) E-mail Address jminton@mfas.com
38	**Alternate Request for Quote (RFQ) Contact Name** Alternate Request for Quote (RFQ) Contact Name Jim Minton
39	**Alternate Request for Quote (RFQ) Contact Phone Number** Alternate Request for Quote (RFQ) Contact Phone Number (xxx-xxx-xxxx) 7137248610
40	**Alternate Request for Quote (RFQ) Contact Extension Number** Alternate Request for Quote (RFQ) Contact Extension Number *No response*
41	**Invoices** Your company will be billed monthly for the service fee due under a Contract awarded under this Proposal Invitation. **All invoices are available on the BuyBoard website and e-mail notifications will be sent when they are ready to be retrieved**.
42	**Invoices** **Please choose <u>only one (1)</u> of the following options for receipt of invoices and provide the requested information:** (a) Service fee invoices and related communications should be provided directly to my company at: or (b) In lieu of my company, I request and authorize all service fee invoices to be provided directly to the following billing agent: *If Vendor authorizes a billing agent to receive and process service fee invoices, in accordance with the General Terms and Conditions of the Contract, Vendor specifically acknowledges and agrees that nothing in that designation shall relieve Vendor of its responsibilities and obligations under the Contract including, but not limited to, payment of all service fees under any Contract awarded Vendor.* Service fee invoices and notices direct to company
43	**Invoice Company Name** Invoice Company Name Metro Fire Apparatus Specialists, Inc.
44	**Invoice Company Department Name** Invoice Company Department Name Accounts Payable

45	**Invoice Contact Name** Invoice Contact Name Clark King
46	**Invoice Mailing Address** Invoice Mailing Address (P.O. Box or Street Address) 17350 SH 249 Suite 250
47	**Invoice Mailing Address - City** Invoice Mailing Address - City Houston
48	**Invoice Mailing Address - State** Invoice Mailing Address - State (Abbreviate State Name) TX
49	**Invoice Mailing Address - Zip Code** Invoice Mailing Address (Zip Code) 77064
50	**Invoice Contact Phone Number** Invoice Contact Phone Number (xxx-xxx-xxxx) 713-692-0911
51	**Invoice Contact Extension Number** Invoice Contact Extension Number *No response*
52	**Invoice Contact Fax Number** Invoice Contact Fax Number (xxx-xxx-xxxx) 713-692-1591
53	**Invoice Contact E-mail Address** Invoice Contact E-mail cking@mfas.com
54	**Invoice Contact Alternate E-mail Address** Invoice Contact Alternate E-mail Address aking@mfas.com
55	**Billing Agent Company Name** Billing Agent Company Name *No response*
56	**Billing Agent Department Name** Billing Agent Department Name *No response*

57	**Billing Agent Contact Name** Billing Agent Contact Name *No response*
58	**Billing Agent Mailing Address** Billing Agent Mailing Address (P.O. Box or Street Address) *No response*
59	**Billing Agent Mailing Address - City** Billing Agent Mailing Address - City *No response*
60	**Billing Agent Mailing Address - State** Billing Agent Mailing Address - State (Abbreviate State Name) *No response*
61	**Billing Agent Mailing Address - Zip Code** Billing Agent Mailing Address - Zip Code *No response*
62	**Billing Agent Contact Phone Number** Billing Agent Contact Phone Number (xxx-xxx-xxxx) *No response*
63	**Billing Agent Contact Extension Number** Billing Agent Contact Extension Number *No response*
64	**Billing Agent Fax Number** Billing Agent Fax Number *No response*
65	**Billing Agent Contact E-mail Address** Billing Agent Contact E-mail Address *No response*
66	**Billing Agent Alternative E-mail Address** Billing Agent Alternative E-mail Address *No response*
67	**Shipping Via** Common Carrier, Company Truck, Prepaid and Add to Invoice, or Other Prepaid and Add to Invoice

68 **Payment Terms**

Note: Vendor payment terms must comply with the BuyBoard General Terms and Conditions and the Texas Prompt Payment Act (Texas Government Code Ch. 2251).

Net 30 Days

69 **Vendor's Internal/Assigned Reference/Quote Number**

Vendor's Internal/Assigned Reference/Quote Number

No response

70 **State or Attach Return Policy**

Note: Only return requirements and processes will be deemed part of Vendor's return policy. Any unrelated contract terms, terms of sale, or other information not specifically related to return requirements and processes included in Vendor's return policy shall not apply to any awarded Contract unless specifically included as a deviation in the Deviation and Compliance Form and accepted by the Cooperative.

No response

71 **Electronic Payments**

Are electronic payments acceptable to your company?

Yes

72 **Credit Card Payments**

Are credit card payments acceptable to your company?

Yes

73 **Texas Regional Service Designation**

Texas Regional Service Designation - Refer to Form in Proposal Invitation

The Cooperative (referred to as "Texas Cooperative" in this form and in the State Service Designation form) offers vendors the opportunity to service its members throughout the entire State of Texas. If you do not plan to service all Texas Cooperative members statewide, you **must** indicate the specific regions you will service on this form. If you propose to serve different regions for different products or services included in your Proposal, you must complete and submit a separate Texas Regional Service Designation form for each group of products and clearly indicate the products or services to which the designation applies. ***By designating a region or regions, you are certifying that you are authorized and willing to provide the proposed products and services in those regions. Designating regions in which you are either unable or unwilling to provide the specified products and services shall be grounds for either rejection of your Proposal or, if awarded, termination of your Contract.*** Additionally, if you do not plan to service Texas Cooperative members (i.e., if you will service only states other than Texas), you must so indicate on this form.

74 **Company Name**

Company Name

Metro Fire Apparatus Specialis

75 **Texas Regional Service Designation**

Select only one of the following options**.** If you select **"I will NOT serve all Regions of Texas",** you must then check the individual Regions you wish to serve.

All Regions

76 **Region 1**

Region 1 - Edinburg

☐ *Region 1 (1)*

77	**Region 2** Region 2 - Corpus Christi ☐ *Region 2 (2)*
78	**Region 3** Region 3 - Victoria ☐ *Region 3 (3)*
79	**Region 4** Region 4 - Houston ☐ *Region 4 (4)*
80	**Region 5** Region 5 - Beaumont ☐ *Region 5 (5)*
81	**Region 6** Region 6 - Huntsville ☐ *Region 6 (6)*
82	**Region 7** Region 7 - Kilgore ☐ *Region 7 (7)*
83	**Region 8** Region 8 - Mount Pleasant ☐ *Region 8 (8)*
84	**Region 9** Region 9 - Wichita Falls ☐ *Region 9 (9)*
85	**Region 10** Region 10 - Richardson ☐ *Region 10 (10)*
86	**Region 11** Region 11 - Fort Worth ☐ *Region 11 (11)*
87	**Region 12** Region 12 - Waco ☐ *Region 12 (12)*
88	**Region 13** Region 13 - Austin ☐ *Region 13 (13)*

89	**Region 14** Region 14 - Abilene ☐ *Region 14 (14)*
90	**Region 15** Region 15 - San Angelo ☐ *Region 15 (15)*
91	**Region 16** Region 16 - Amarillo ☐ *Region 16 (16)*
92	**Region 17** Region 17 - Lubbock ☐ *Region 17 (17)*
93	**Region 18** Region 18 - Midland ☐ *Region 18 (18)*
94	**Region 19** Region 19 - El Paso ☐ *Region 19 (19)*
95	**Region 20** Region 20 - San Antonio ☐ *Region 20 (20)*
96	**State Service Designation** **State Service Designation - Refer to Form in Proposal Invitation.** As set forth in the Proposal Invitation, it is the Cooperative's intent that other governmental entities in the United States have the opportunity to purchase goods or services awarded under the Contract, subject to applicable state law, through a piggy-back award or similar agreement through the National Purchasing Cooperative BuyBoard. If you plan to service the entire United States or only specific states, you must complete this form accordingly. *(Note: If you plan to service Texas Cooperative members, be sure that you complete the Texas Regional Service Designation form.)* ***In addition to this form, to be considered for a piggy-back award by the National Purchasing Cooperative, you must have an authorized representative sign the National Purchasing Cooperative Vendor Award Agreement that follows this form.*** If you serve different states for different products or services included in your Proposal, you must complete and submit a separate State Service Designation form for each group of products and clearly indicate the products or services to which the designation applies. *By designating a state or states, you are certifying that you are authorized and willing to provide the proposed products and services in those states. Designating states in which you are either unable or unwilling to provide the specified products and services shall be grounds for either rejection of your Proposal or, if awarded, termination of your Contract.*
97	**Company Name** Company Name Metro Fire Apparatus Specialis

98	**State Service Designation** **Select only one of the following options. If you select "I will NOT serve all States", you must then check the individual States you wish to serve.** ☐ I will not serve all states in the United States
99	**Alabama** Alabama ☐ *Alabama (AL)*
100	**Alaska** Alaska ☐ *Alaska (AK)*
101	**Arizona** Arizona ☐ *Arizona (AZ)*
102	**Arkansas** Arkansas ☐ *Arkansas (AR)*
103	**California** California (Public Contract Code 20118 & 20652) ☐ *California (CA)*
104	**Colorado** Colorado ☐ *Colorado (CO)*
105	**Connecticut** Connecticut ☐ *Connecticut (CT)*
106	**Delaware** Delaware ☐ *Delaware (DE)*
107	**District of Columbia** District of Columbia ☐ *District of Columbia (DC)*
108	**Florida** Florida ☐ *Florida (FL)*
109	**Georgia** Georgia ☐ *Georgia (GA)*

110	**Hawaii** Hawaii ☐ *Hawaii (HI)*
111	**Idaho** Idaho ☐ *Idaho (ID)*
112	**Illinois** Illinois ☐ *Illinois (IL)*
113	**Indiana** Indiana ☐ *Indiana (IN)*
114	**Iowa** Iowa ☐ *Iowa (IA)*
115	**Kansas** Kansas ☐ *Kansas (KS)*
116	**Kentucky** Kentucky ☐ *Kentucky (KY)*
117	**Louisiana** Louisiana ☐ *Louisiana (LA)*
118	**Maine** Maine ☐ *Maine (ME)*
119	**Maryland** Maryland ☐ *Maryland (MD)*
120	**Massachusetts** Massachusetts ☐ *Massachusetts (MA)*
121	**Michigan** Michigan ☐ *Michigan (MI)*

122	**Minnesota** Minnesota ☐ *Minnesota (MN)*
123	**Mississippi** Mississippi ☐ *Mississippi (MS)*
124	**Missouri** Missouri ☐ *Missouri (MO)*
125	**Montana** Montana ☐ *Montana (MT)*
126	**Nebraska** Nebraska ☐ *Nebraska (NE)*
127	**Nevada** Nevada ☐ *Nevada (NV)*
128	**New Hampshire** New Hampshire ☐ *New Hampshire (NH)*
129	**New Jersey** New Jersey ☐ *New Jersey (NJ)*
130	**New Mexico** New Mexico ☐ *New Mexico (NM)*
131	**New York** New York ☐ *New York (NY)*
132	**North Carolina** North Carolina ☐ *North Carolina (NC)*
133	**North Dakota** North Dakota ☐ *North Dakota (ND)*

134	**Ohio** Ohio ☐ *Ohio (OH)*
135	**Oklahoma** Oklahoma ☐ *Oklahoma (OK)*
136	**Oregon** Oregon ☐ *Oregon (OR)*
137	**Pennsylvania** Pennsylvania ☐ *Pennsylvania (PA)*
138	**Rhode Island** Rhode Island ☐ *Rhode Island (RI)*
139	**South Carolina** South Carolina ☐ *South Carolina (SC)*
140	**South Dakota** South Dakota ☐ *South Dakota (SD)*
141	**Tennessee** Tennessee ☐ *Tennessee (TN)*
142	**Texas** Texas ☐ *Texas (TX)*
143	**Utah** Utah ☐ *Utah (UT)*
144	**Vermont** Vermont ☐ *Vermont (VT)*
145	**Virginia** Virginia ☐ *Virginia (VA)*

146	**Washington** Washington ☐ *Washington (WA)*
147	**West Virginia** West Virginia ☐ *West Virginia (WV)*
148	**Wisconsin** Wisconsin ☐ *Wisconsin (WI)*
149	**Wyoming** Wyoming ☐ *Wyoming (WY)*

Bid Lines

1 **Section I: Public Safety Supplies and Equipment**

Discount (%) off catalog/pricelist for **Firearms and Ammunition.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

2 **Section I: Public Safety Supplies and Equipment**

Discount (%) off catalog/pricelist for **Tactical Equipment.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 2%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Paratech

Alternate 1

Section I: Public Safety Supplies and Equipment
Discount (%) off catalog/pricelist for Tactical Equipment. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 1%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Broco-Rankin

3 **Section I: Equipment, Products, and Supplies**

Discount (%) off catalog/pricelist for **Night Sticks and Batons.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 10%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

-

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Streamlight

4 **Section I: Public Safety Supplies and Equipment**

Discount (%) off catalog/pricelist for **Riot Equipment/Body Armor.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 1%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Fire Ninja

5 **Section I: Public Safety Supplies and Equipment**

Discount (%) off catalog/pricelist for **Public Safety Vehicle Equipment and Related Accessories.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 4%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Kussmaul

Alternate 1

Section I: Public Safety Supplies and Equipment
Discount (%) off catalog/pricelist for Public Safety Vehicle Equipment and Related Accessories. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 2%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

FireTech

6 **Section I: Public Safety Supplies and Equipment**

Discount (%) off catalog/pricelist for **Tear Gas/Mace and Related Items.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

7 **Section I: Public Safety Supplies and Equipment**

Discount (%) off catalog/pricelist for **Night Vision and Infrared Equipment.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 7%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Bullard

Alternate 1

Section I: Public Safety Supplies and Equipment
Discount (%) off catalog/pricelist for Night Vision and Infrared Equipment. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 0%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

FLIR (0% disc to 4% disc)

8 **Section I: Public Safety Supplies and Equipment**

Discount (%) off catalog/pricelist for **Thermal Imaging Equipment and Products.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 7%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Bullard

Alternate 1

Section I: Public Safety Supplies and Equipment
Discount (%) off catalog/pricelist for Thermal Imaging Equipment and Products. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 0%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

FLIR (0% disc to-4%disc)

9 **Section I: Public Safety Supplies and Equipment**

Discount (%) off catalog/pricelist for **Flashlights, Batteries, and Related Items.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 41%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Streamlight (41% disc to 44%)

Alternate 1

Section I: Public Safety Supplies and Equipment
Discount (%) off catalog/pricelist for Flashlights, Batteries, and Related Items. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 1%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

FoxFury (1% disc -10% disc)

10

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Electronic Stand-up Vehicles (ESV).** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

11	**Section I: Public Safety Supplies and Equipment** Discount (%) off catalog/pricelist for **All Types of Public Safety Patrol Bicycles, Supplies and Related Accessories.** Catalog/Pricelist MUST be included or proposal will not be considered. Total: 1% Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.** Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered: • Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed • Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed **Item Attributes** **1. State Name of Catalog/Pricelist Proposed with Discount Percentage** NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed". FoxFury (1% disc to 10% disc)

12 **Section I: Public Safety Supplies and Equipment**

Discount (%) off catalog/pricelist for **Public Safety Rescue Equipment.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 2%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Paratech

13

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Handcuffs and Restraints.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

14

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Scopes and Binoculars.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

15

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Alcohol and Drug Testing Products and Related Services.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

16

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Law Enforcement Training Targets.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

17

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Fingerprint Equipment and Supplies.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

18

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Law Enforcement Knives and Tools** (multipurpose tools, clip tools, mini tools, and related accessories). Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 0%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

MFAS Price List (0%-30%)

Alternate 1

Section I: Public Safety Supplies and Equipment
Discount (%) off catalog/pricelist for Law Enforcement Knives and Tools (multipurpose tools, clip tools, mini tools, and related accessories). Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 5%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Steck

Alternate 2

Section I: Public Safety Supplies and Equipment
Discount (%) off catalog/pricelist for Law Enforcement Knives and Tools (multipurpose tools, clip tools, mini tools, and related accessories). Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 1%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

RescueTech

19 **Section I: Public Safety Supplies and Equipment**

Discount (%) off catalog/pricelist for **Public Safety Uniforms, Rainwear, Jackets, Footwear, and Accessories.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 20%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Lakeland (20% disc - 40% disc)

Alternate 1

Section I: Public Safety Supplies and Equipment
Discount (%) off catalog/pricelist for Public Safety Uniforms, Rainwear, Jackets, Footwear, and Accessories. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 10%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

HAIX

20

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Weather Monitoring Systems.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

21

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Red Light Monitoring Systems.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

22

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Speed Enforcement Equipment.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

23

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Public Safety Life Preserver and Related Items.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 1%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Fire Ninja

Alternate 1

Section I: Public Safety Supplies and Equipment
Discount (%) off catalog/pricelist for Public Safety Life Preserver and Related Items. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 1%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

RescueTech

24

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Emergency Radio Dispatch Consoles and related items.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

25

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Safety and Security Window Film Products.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

26

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Gunshot and Threat Detection Products and Systems.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

27

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **All Types Security Access Doors and related accessories** (accordion, roll up, wood fold, flat lead post, narrow lead post, and curved). Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 1%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Bear Training Solutions

28

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **All Other Public Safety Products and Equipment.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 2%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Groves (2% disc to 8% disc)

29

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Public Safety Equipment Repair Parts.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 0%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Metro Fire

30

Section I: Public Safety Supplies and Equipment

Discount (%) off catalog/pricelist for **Public Safety Equipment and Products Maintenance/Warranty Agreements.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 0%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Metro Fire

31

Section II: Firehouse Supplies and Equipment

Discount (%) off catalog/pricelist for **Breathing Apparatus.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 30%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

3M Scott (30% disc - 33% disc)

32 **Section II: Firehouse Supplies and Equipment**

Discount (%) off catalog/pricelist for **Protective Clothing and Rescue Gear including Protective Boots, Helmets and Gear Bags.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 10%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

HAIX

Alternate 1

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Protective Clothing and Rescue Gear including Protective Boots, Helmets and Gear Bags. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 3%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

R&B Fabrications

Alternate 2

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Protective Clothing and Rescue Gear including Protective Boots, Helmets and Gear Bags. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 5%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Bullard (5% disc to 30% disc)

Alternate 3

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Protective Clothing and Rescue Gear including Protective Boots, Helmets and Gear Bags. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 5%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Lakeland (5% disc to 25% disc)

Alternate 4

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Protective Clothing and Rescue Gear including Protective Boots, Helmets and Gear Bags. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 2%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

FireCraft Gloves

33 **Section II: Firehouse Supplies and Equipment**

Discount (%) off catalog/pricelist for **Turnout Gear.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 25%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Lakeland

34 **Section II: Firehouse Supplies and Equipment**

Discount (%) off catalog/pricelist for **Nomex Station Uniforms.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

35

Section II: Firehouse Supplies and Equipment

Discount (%) off catalog/pricelist for **Communication Devices and Systems.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 2%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

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- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

David Clark

36

Section II: Firehouse Supplies and Equipment

Discount (%) off catalog/pricelist for **EMS Supplies and Equipment.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 2%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

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- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Metro Fire Pricelist (2%-25%)

37

Section II: Firehouse Supplies and Equipment

Discount (%) off catalog/pricelist for **Portable Lighting Equipment.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 41%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

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- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Streamlight (41% disc - 44%)

Alternate 1

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Portable Lighting Equipment. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 1%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

FoxFury (1% disc - 10% disc)

Alternate 2

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Portable Lighting Equipment. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 3%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Super Vac Command Light

38 **Section II: Firehouse Supplies and Equipment**

Discount (%) off catalog/pricelist for **Vehicle Light Bars, Sirens, and Speakers.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 3%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

FireTech

39

Section II: Firehouse Supplies and Equipment

Discount (%) off catalog/pricelist for **Fire Extrication Rescue Equipment.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 7%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Paratech

Alternate 1

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Fire Extrication Rescue Equipment. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 22%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Super Vac

Alternate 2

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Fire Extrication Rescue Equipment. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 0%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Metro Fire Pricelist (0%-25%)

40 **Section II: Firehouse Supplies and Equipment**

Discount (%) off catalog/pricelist for **Firehouse Uniforms, Rainwear, Jackets, Footwear and Accessories.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 20%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Lakeland (20% disc - 40%)

Alternate 1

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Firehouse Uniforms, Rainwear, Jackets, Footwear and Accessories. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 10%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

HAIX

Alternate 2

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Firehouse Uniforms, Rainwear, Jackets, Footwear and Accessories. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 0%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Metro Fire Pricelist (0% - 25%

41 **Section II: Firehouse Supplies and Equipment**

Discount (%) off catalog/pricelist for **Gas Detection Devices, Cameras, and Systems.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 2%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

GfG

Alternate 1

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Gas Detection Devices, Cameras, and Systems. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 2%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Teledyne

42 **Section II: Firehouse Supplies and Equipment**

Discount (%) off catalog/pricelist for **Fire Hose and Nozzles.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 23%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

TFT

Alternate 1

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Fire Hose and Nozzles. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 38%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Key Hose

Alternate 2

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Fire Hose and Nozzles. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 15%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Kochek (15% disc to 25%)

Alternate 3

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Fire Hose and Nozzles. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 0%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

New Force

43 **Section II: Firehouse Supplies and Equipment**

Discount (%) off catalog/pricelist for **Fire Extinguishers and Fire Fighting Foam.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 15%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Perimeter Solutions

Alternate 1

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Fire Extinguishers and Fire Fighting Foam. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 5%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Johnson Control (5% to 12%)

44 **Section II: Firehouse Supplies and Equipment**

Discount (%) off catalog/pricelist for **Fire Hose Hydrostatic Testing Services.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

Vendors proposing multiple manufacturer product lines and/or catalog/pricelist per line item must submit the information as follows or proposal may not be considered:

- Select **"Add Alternate"** for each additional manufacturer product line and/or catalog/pricelist proposed
- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

45

Section II: Firehouse Supplies and Equipment

Discount (%) off catalog/pricelist for **Fire Fighting Training Materials and Equipment.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 5%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

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- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Super Vac

Alternate 1

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Fire Fighting Training Materials and Equipment. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 1%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Bear Training Solutions

Alternate 2

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for Fire Fighting Training Materials and Equipment. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 3%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Unifire

46 **Section II: Firehouse Supplies and Equipment**

Discount (%) off catalog/pricelist for **Optical Emergency Traffic Pre-Emption Supplies and Equipment.** Catalog/Pricelist MUST be included or proposal will not be considered.

No Bid

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

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- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

No response

47

Section II: Firehouse Supplies and Equipment

Discount (%) off catalog/pricelist for **All Other Firehouse Equipment and Supplies.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 0%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

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- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Metro Fire Pricelist (0%-25%)

Alternate 1

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for All Other Firehouse Equipment and Supplies. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 1%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Groves (1% disc to 8% disc)

Alternate 2

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for All Other Firehouse Equipment and Supplies. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 1%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Arctic

Alternate 3

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for All Other Firehouse Equipment and Supplies. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 5%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Tempest (5% disc to 12%)

Alternate 4

Section II: Firehouse Supplies and Equipment
Discount (%) off catalog/pricelist for All Other Firehouse Equipment and Supplies. Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 20%

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Council Tools

48

Section II: Firehouse Supplies and Equipment

Discount (%) off catalog/pricelist for **Firehouse Equipment Repair Parts.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 0%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

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- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Metro Fire Pricelist

49 **Section II: Firehouse Supplies and Equipment**

Discount (%) off catalog/pricelist for **Firehouse Equipment and Products Safety Maintenance/Warranty Agreements.** Catalog/Pricelist MUST be included or proposal will not be considered.

Total: 0%

Item Notes: **PROPOSAL NOTE:** Vendors shall submit catalog(s)/pricelist(s) with their Proposal response or the Proposal will not be considered. Vendors shall submit catalog(s)/pricelist(s) with the Proposal in a readily available and readable electronic format, with Excel or searchable PDF preferred. **No paper catalogs or manufacturer/vendor websites will be accepted.**

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- Vendor's must list one specific percentage discount for each manufacturer and/or catalog/pricelist listed

Item Attributes

1. State Name of Catalog/Pricelist Proposed with Discount Percentage

NOTE: Do not include SKU, Reference Numbers, Websites, and/or "See Attached/Enclosed".

Metro Fire Pricelist

50 **Section III: Installation and Repair Service**

Hourly Labor Rate for Installation/Repair Service of Public Safety Equipment and Products - **Not to Exceed** hourly labor rate for Installation/Repair Service of Public Safety Equipment and Products.

Quantity: 1 UOM: Hourly Labor Rate Price: $175.00 Total: $175.00

51 **Section III: Installation and Repair Service**

Hourly Labor Rate for Installation/Repair Service of Firehouse Equipment and Products - **Not to Exceed** hourly labor rate for Installation/Repair Service of Public Safety Equipment and Products.

Quantity: 1 UOM: Hourly Labor Rate Price: $175.00 Total: $175.00

Response Total: $350.00

METRO FIRE
APPARATUS SPECIALISTS, INC.

2022
Fire & Safety
Equipment Repair Parts
Pricelist

All Public Safety Equipment Repair Parts will be offered at the Manufacturer's latest MSRP price schedule with no discount offered.

www.mfas.com 713-692-0911

METRO FIRE
APPARATUS SPECIALISTS, INC.

2022
Fire & Safety
Products Maintenance/Warranty
Pricelist

All product maintenance and warranty will be performed at the Manufacturer's latest published MSRP price and Hourly Labor rate schedule with no discount offered.

www.mfas.com 713-692-0911

METRO FIRE
APPARATUS SPECIALISTS, INC.

2022

Firehouse Equipment Repair Parts Pricelist

All Firehouse Equipment Repair Parts will be offered at the Manufacturer's latest MSRP price schedule with no discount offered.

www.mfas.com 713-692-0911

METRO FIRE
APPARATUS SPECIALISTS, INC.

2022
Firehouse Equipment & Products Maintenance/Warranty Pricelist

All product maintenance and warranty will be performed at the Manufacturer's latest published MSRP price and Hourly Labor rate schedule with no discount offered.

www.mfas.com 713-692-0911

METRO FIRE
APPARATUS SPECIALISTS, INC.

2022

Hourly Rate for Installation/Repair of Public Safety Equipment & Products

Pricelist

All product installation and repair rate shall be performed at an hourly rate of $175.00 per hour with no additional discount offered.

www.mfas.com 713-692-0911

METRO FIRE
APPARATUS SPECIALISTS, INC.

2022

Hourly Rate for Installation/Repair of Firehouse Equipment & Products

Pricelist

All product installation and repair rate shall be performed at an hourly rate of $175.00 per hour with no additional discount offered.

www.mfas.com 713-692-0911

METRO FIRE
APPARATUS SPECIALISTS, INC.

Remit to:
17350 State Hwy 249 Ste.250
Houston TX 77064
(713) 692-0911 Phone
(713) 692-1591 Fax

INVOICE

Number	223119-1
Invoice Date	03/27/2024
Ordered Date	03/26/2024
Page	1

Bill to: DUNCANVILLE FIRE DEPARTMENT
P O BOX 380280
DUNCANVILLE, TX 75138-0280

Phone: (972)780-4920

Ship to: DUNCANVILLE FIRE DEPARTMENT
1530 SOUTH MAIN
DUNCANVILLE, TX 75137

Phone: (972)780-4920

Cust Code	Ordered By	Salesman	Job/Rel#	Customer PO
DUC001	JASON WIGGINGTON	JOSH SLOVAK		VERBAL-WIGGINTON

Entered By	FOB	Ship Via	Terms
TYSON TAVES	DESTINATION	METRO	NET 20 DAYS

Quantity			U/M	Item #	Description	Price	Extension
Order	Ship	B/O					
4	4	0	EA	SCT-7012756736	HARNESS KIT, X3 PRO, EBSS 201667-12	939.00	3756.00
4	4	0	EA	SCT-7100293227	C5 REGULATOR 201650-05	1928.00	7712.00
4	4	0	EA	SCT-1010238056	X3 SEMS CONSOLE, HOUSING, REAR 31002579	15.00	60.00
4	4	0	EA	SCT-1010238054	X3 SEMS CONSOLE, FRONT 31002571-02	35.00	140.00
4	4	0	EA	SCT-7012513151	LABEL, FIELD SERVICE REPL 2X.5 31002275	4.00	16.00
4	4	0	HR	MET-SCT-LABOR	LABOR REPAIR TO PAKS	152.00	608.00
4	4	0	EA	MET-SCT-FLOW TEST	SCOTT RESPIRATORY FLOW TEST	55.00	220.00

SubTotal	12,512.00
Total	12,512.00

RESOLUTION NO. 2024-271

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, AUTHORIZING THE PURCHASE OF (4) FOUR SELF-CONTAINED BREATHER APPARATUS (SCBA) FROM METRO FIRE APPARATUS SPECIALIST, INC., THROUGH BUY BOARD 698-23 FOR AN EXPENDITURE AMOUNT OF $12,512.00; AUTHORIZING THE CITY MANAGER TO EXECUTE THE NECESSARY DOCUMENTS; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, it is necessary to provide SCBA equipment which is used daily for respiratory protection and is the single most important piece of safety equipment that the Duncanville Fire Department firefighters use when operating at an emergency fire incident; and

WHEREAS, the City of Duncanville has entered into a cooperative purchasing agreement with the Buy Board for products and services; and

WHEREAS, Buy Board has taken competitive sealed bids and awarded a contract for Public Safety and Firehouse Supplies and Equipment to Metro Fire Apparatus Specialist, Inc.; and

WHEREAS, the City of Duncanville purchases through this contract term has exceed $50,000.00 and thus purchases through this contract requires approval by the City Council;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, THAT:

SECTION 1. The City Council of the City of Duncanville desires to purchase replacement Self-Contained Breathing Apparatus (SCBA) from Metro Fire Apparatus Specialist, Inc.

SECTION 2. That the City Council of the City of Duncanville does hereby authorize purchases to be made from the contract through 03/31/2025 for the unit price bid with an estimated contract term expenditure of $12,512.00.

SECTION 3. The City Council of the City of Duncanville hereby authorizes the City Manager, or his designee, to execute the appropriate and necessary documents and/or purchase orders.

SECTION 4. This Resolution shall become effective immediately upon its passage.

DULY RESOLVED AND ADOPTED by the City Council of the City of Duncanville, Texas, on the 4th day of June, 2024.

APPROVED:

_____

Barry L. Gordon, Mayor

ATTEST:

_____

Chiquita Taylor, City Secretary

APPROVED AS TO FORM:

_____

Robert E. Hager, City Attorney

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Consider a Resolution authorizing the second amendment to Professional Services Agreement 18-115 with IEA, Inc. for additional professional engineering services as part of the Greenbriar Estates Water and Wastewater Improvements Project, in the amount of $36,000.00, not exceeding a total contract amount of $198,596.45.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Develop: Infrastructure Improvement Strategy**
  - **Ensure the viability and adaptability of the city's infrastructure, facilities, and transportation network through thoughtful financial and long-term planning.**

STAFF RESPONSIBLE:
Matt Bryant, Assistant Director of Public Works

BACKGROUND/HISTORY:
On September 8, 2018, the City Council of the City of Duncanville, Texas, authorized Professional Services Agreement 18-115 to design water main replacement improvements in Greenbriar Estates. The project scope included replacing approximately:

- 1,750 linear feet (LF) of water main along High Ridge Drive from Crescent Lane to Meadow Ridge Drive
- 2,750 LF of 6-inch and 8-inch water main along the 1700 to 1800 blocks of Green Tree Lane
- 3,505 LF of 6-inch water main along Greenbriar Lane from Green Tree Lane to Wind Ridge Lane
- 1,000 LF of 6-inch water main along Nob Hill Drive from South Greenstone Lane to Beaver Creek Drive and 475 LF of 6-inch water main along the 1600 block of Nob Hill Circle

The first amendment to the agreement (Supplemental Agreement #1) was executed on June 17, 2019, for wastewater main improvements on High Ridge Drive. Funds for additional wastewater improvements for the remaining portions of the subdivision were not initially available. After additional funds became available, City Council authorized Professional Services Agreement 19-070 to design an extra water main and all other wastewater main improvements, per Resolution 2019-077, on August 20, 2019. The project scope included replacing approximately:

- 2,822 LF of wastewater main along the 1700 to 1800 blocks of Green Tree Lane
- 170 LF of 8-inch wastewater main and 190 LF of 8-inch water main along the 1700 block of Green Tree Place
- 1,570 LF of 8-inch wastewater main and 1,030 LF of 18-inch wastewater main along Greenbriar Lane from Green Tree Lane to Wind Ridge Lane
- 905 LF of 8-inch wastewater main along Nob Hill Circle from South Greenstone Lane to Beaver Creek Drive
- 430 LF of 8-inch wastewater main replacement along the 1600 block of Nob Hill Circle

The utility improvements were scheduled to be constructed in phases over four fiscal years. Improvements along High Ridge Drive (phase 1) were constructed by Douglas Dailey Construction, LLC beginning in 2019 and were completed in 2020. Improvements along Green Tree Lane and Green Tree Place (phase 2) were constructed by FM Utilities, LLC, beginning in 2021 and were completed in 2022. Phases 3 and 4 of the proposed utility improvements remain. The City aims to bid phases 3 and 4 of the project as one contract to obtain an economy of scale. Additionally, this would leave one construction contract for the design firm to manage instead of two.

Staff requests a contract amendment for additional professional engineering and construction administration services. The original timeline for construction of the final project phases has been delayed twice for funding reasons. Due to the schedule changes, IEA has incurred significant cost overruns. IEA is committed to working with staff to see the project through to completion. Additional funding authorization will provide for final bid preparation, and bid phase and construction administration services. IEA's provision of these services is vital to completing this critical utility improvement project.

POLICY EXPLANATION:
The City relies on consulting engineering firms selected based on qualification and competence for specialty design work. IEA, Inc., was founded in 2007 and is a professional engineering firm headquartered in Dallas that provides diversified services, including civil and structural engineering, asset management, and project and construction management.

Professional Engineering Services are exempt from cost-competitive bidding under the Texas Procurement Chapter 2254.002.

FUNDING SOURCE:

ORG and Object Number
17100000-708102 (Utilities CIP Water Projects/Construction)

Available Budget	**Purchase Amount**	**After Encumber**
$724,960.83	$36,000.00	$688,960.83

ACTION ALTERNATIVES:
1. Approve.
2. Disapprove.
3. Other actions as directed by Council.

ATTACHMENTS:
Resolution No. - 2024-262 - IEA Contract Amendment with Exhibit

RESOLUTION NO. 2024-262

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, AUTHORIZING THE SECOND AMENDMENT TO PROFESSIONAL SERVICES AGREEMENT 18-115 WITH IEA, INC. FOR ADDITIONAL PROFESSIONAL ENGINEERING SERVICES AS PART OF THE GREENBRIAR ESTATES WATER AND WASTEWATER IMPROVEMENTS PROJECT ATTACHED HERETO AND INCORPORATED HEREIN AS EXHIBIT "A," IN THE AMOUNT OF $36,000.00, NOT EXCEEDING A TOTAL CONTRACT AMOUNT OF $198,596.45; AUTHORIZING THE CITY MANAGER OR DESIGNEE TO EXECUTE THE NECESSARY DOCUMENTS RELATED TO SAID EXPENDITURES; AND, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Duncanville, Texas, desires to continue its commitment to making infrastructure improvements to the quality and capacity of the overall utility infrastructure; and

WHEREAS, on September 18, 2018, the City Council of the City of Duncanville, Texas, authorized Professional Services Agreement 18-115 for the design of water main replacement improvements in Greenbriar Estates; and

WHEREAS, on June 17, 2019, the City of Duncanville, Texas, executed the first amendment to Professional Services Agreement 18-115 to add the design of wastewater main on High Ridge and associated construction management services to the project; and

WHEREAS, the second amendment to Professional Services Agreement 18-115 is proposed for additional professional engineering services associated with the project; and

WHEREAS, the City Council of the City of Duncanville, Texas, desires to authorize the second amendment to Professional Services Agreement 18-115 with IEA, Inc. for additional professional engineering services as part of the Greenbriar Estates Water and Wastewater Improvements Project in the amount of $36,000.00, not exceeding a total contract amount of $198,596.45.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, THAT:

SECTION 1. The City Council of the City of Duncanville, Texas, hereby authorizes the second amendment to Professional Services Agreement 18-115 with IEA, Inc. for additional professional engineering services, including final bid preparation and bid phase and construction administration services as part of the Greenbriar

Estates Water and Wastewater Improvements Project in the amount of $36,000.00, not exceeding a total contract amount of $198,596.45; and authorizes the City Manager or designee to execute the necessary documents related to said expenditures.

SECTION 2. This Resolution shall become effective immediately upon its passage.

DULY RESOLVED AND ADOPTED by the City Council of the City of Duncanville, Texas, on the 4th day of June, 2024.

APPROVED:

_____

Barry L. Gordon, Mayor

ATTEST:

_____

Chiquita Taylor, City Secretary

APPROVED AS TO FORM:

_____

Robert E. Hager, City Attorney

Exhibit A

THE STATE OF TEXAS §
§
COUNTY OF DALLAS §

SECOND AMENDMENT TO CITY OF DUNCANVILLE
PROFESSIONAL SERVICES AGREEMENT WITH IEA, INC.

CONTRACT NO. 18-115
DESIGN OF WATER PIPELINE REPLACEMENT IMPROVEMENTS
ALONG GREENBRIAR ESTATES

THIS SECOND AMENDMENT TO AGREEMENT is entered into as of **the _____ day of _____, 2024** ("Effective Date"), between City of Duncanville (hereinafter "City"), located at 203 E. Wheatland, Duncanville, TX 75116, and IEA, Inc. (hereinafter "Contractor" or "Professional"), located at 18383 Preston Road, Suite 500, Dallas, TX 75252, (collectively and interchangeably referred to as the "Parties" or "Party"), is hereby executed for the purpose of amending and supplementing its previous services agreement ("Original Agreement"), which was entered into as of **September 21, 2018**, between the City and the Contractor as stated herein:

The Original Agreement provided for the Contractor's services related to engineering design for the Greenbriar Estates Water Pipeline Replacement Project. The Original Agreement was written with the Contractor's cost and expenses not to exceed ONE HUNDRED FORTY-FOUR THOUSAND FORTY-FIVE DOLLARS AND FIFTY-FIVE CENTS ($144,045.55) for the project's completion and term (the "Total Contracted and Conditional Contract Amount")."

The Original Agreement now requires modifications to provide additional engineering design services and construction administration services. Section 4 "Payment" will be amended to list the value of the contract as $198,596.45.

NOW THEREFORE, the Parties, in consideration of their mutual promises and covenants, as well as other good and valuable considerations, do hereby AGREE to the following FIRST AMENDMENT, which amends the terms, conditions, and requirements of the Original Agreement to wit:

1.

The provisions of **Section 4:** Payment, as stated in the Original Agreement, are hereby amended to allow for a change to the contract value.

Section 4 is hereby amended as follows:

4 OWNER agrees to pay CONTRACTOR for all services authorized in writing and properly performed by CONTRACTOR in accordance with the Payment Schedule set forth in Attachment 1, attached hereto and incorporated herein by reference, subject to additions or deletions for changes or extras agreed upon in writing. All fees paid to CONTRACTOR, by OWNER, shall be based on invoices submitted by CONTRACTOR for work performed monthly by OWNER, less any previous payments. Payments shall be made within 30 days of receipt of invoice by OWNER.

OWNER reserves the right to delay, without penalty, any partial payment, when in the opinion of OWNER, CONTRACTOR has not performed in a satisfactory manner based on the Scope of Services.

The total CONTRACTOR fee shall not exceed **ONE HUNDRED NINETY-EIGHT THOUSAND FIVE HUNDRED NINETY-SIX DOLLARS AND FIFTY-FIVE CENTS ($198,596.55).** OWNER may deduct from any amounts due or to become due to CONTRACTOR any sum or sums owing by CONTRACTOR to OWNER. In the event of any breach by CONTRACTOR of any provision or obligation of this Agreement, or in the event of the assertion by other parties of any claim or lien against OWNER, or the OWNER's premises, arising out of CONTRACTOR's performance of this Contract, OWNER shall have the right to retain out of any payments due or to become due to CONTRACTOR an amount sufficient to completely protect the OWNER from any and all loss, damage or expense therefrom, until the breach, claim or lien has been satisfactorily remedied or adjusted by CONTRACTOR.

FIRST AMENDMENT TO CITY OF DUNCANVILLE
PROFESSIONAL SERVICES AGREEMENT WITH IEA, INC.

CONTRACT NO. 18-115
DESIGN OF WATER PIPELINE REPLACEMENT IMPROVEMENTS
ALONG GREENBRIAR ESTATES

The Parties hereto agree that, except as specifically provided for by the agreed to changes within this First Amendment, all of the terms, covenants, conditions, agreements, rights, responsibilities, and obligations of the Parties, set forth in both the Original Agreement and now the First Amendment shall be and will remain in full force and effect.

IN WITNESS WHEREOF, the City and the Contractor have each executed this First Amendment by and through their respective duly authorized representatives and officers as indicated below:

CITY OF DUNCANVILLE **(City)**	**IEA, Inc.** **(Contractor)**
Approved: _____	Approved: Kyle Moynihan
By: Douglas Finch	By: Kyle Moynihan
Title: City Manager	Title: Dallas Office Director
Date: _____	Date: 05/24/2024

STAFF REPORT

MEETING: City Council - 04 June 2024

TITLE:
Consider a Resolution awarding a bid and authorizing a cooperative purchasing agreement with Cintas Corporation No. 2 for fire protection services through The University of Nebraska Contract 001299 via OMNIA Partners for a one-year term, with the option to renew for up to four additional one-year terms, in an estimated contract amount not to exceed $329,030.00 over the five years, subject to the exercise of a contract renewal and City Council appropriation.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Develop: Infrastructure Improvement Strategy**
  - **Ensure the viability and adaptability of the city's infrastructure, facilities, and transportation network through thoughtful financial and long-term planning.**

STAFF RESPONSIBLE:
Matt Bryant, Assistant Director of Public Works
Richard Jones, Fieldhouse Operations Manager
Dennis Souter, Building Maintenance Superintendent

BACKGROUND/HISTORY:
The City of Duncanville Building Maintenance Division oversees the maintenance of fire prevention equipment at all City buildings except the Fieldhouse, which the Parks and Recreation Department oversees. Fire prevention equipment is inspected annually to ensure it is installed correctly and maintained. If deficiencies are identified, trained technicians address them promptly.

Cintas has provided these services for several years and consistently met the city's expectations. Services provided by Cintas include maintenance, inspections, and testing of the following:

- Fire Extinguishers
- Emergency and Exit Lights
- Fire Sprinkler System
- Kitchen Suppression System
- Fire Alarm Panels
- Smoke Detectors

POLICY EXPLANATION:
City Council is requested to approve a contract with Cintas Corporation No. 2 in the total amount of $329,030.00. The estimated expenditure amounts per fiscal year are $51,600.00 for FY24 and $277,430.00 spread over fiscal years 25 through 29, subject to appropriations in FYs 25-29, as outlined below. FYs 25-28 include an approximate 5% increase over the previous year to accommodate any price escalations that may arise throughout the contract's life. This authorization should cover all fire prevention services for the next five years. The contract will be available for citywide use. There are two funding accounts listed for this procurement action. Purchases will be made under the appropriate account, dependent upon the department requesting services to be performed.

FY 24: $51,600.00
FY 25: $54,180.00
FY 26: $56,889.00
FY 27: $59,734.00
FY 28: $62,721.00
FY 29: $43,906.00 (through June 2029)

The agreement through OMNIA Partners expires on May 31, 2028. The contract is expected to be renewed before that date. However, if it is not renewed, staff will request the City Council's approval of a new fire protection services agreement.

State law provides that a local government purchasing an item under a cooperative purchasing agreement satisfies any state law requiring that the local government seek competitive bids to purchase the item. The Texas Local Government Code Chapters 271 and 791 allow government agencies to participate in these cooperative arrangements voluntarily.

FUNDING SOURCE:

ORG and Object Number

- Building Maintenance:
  - 01066800-700450 (Contractual Services) – Available Budget of $89,375.44 (Estimated FY 24 Expenditure: $34,000.00)
  - 01066800-700660 (Building Maintenance) – Available Budget of $21,533.74 (Estimated FY 24 Expenditure: $4,600.00)
- Fieldhouse Admin/Operations: 45601000-700450 (Contractual Services) – Available Budget of $15,675.59 (Estimated FY 24 Expenditure: $13,000.00)

Available Budget	**Purchase Amount**	**After Encumber**
$126,584.77	$51,600.00	$74,984.77

ACTION ALTERNATIVES:

1. Approve.
2. Do not approve.
3. Other actions as directed by Council.

ATTACHMENTS:
Attachment 1 - Executive Summary
Resolution No. - 2024-268 - Cintas Agreement

Attachment 1

WORKPLACE SOLUTIONS
Executive Summary

Lead Agency: University of Nebraska

Solicitation: 3702-22-4618

RFP Issued: November 3, 2022

Pre-Proposal Date: November 16, 2022

Response Due Date: December 20, 2022

Proposals Received: #1

Awarded to: Cintas Corporation No. 2

The University of Nebraska issued RFP 3702-22-4618 on November 3, 2022, to establish a national cooperative contract for Workplace Solutions.

The solicitation included cooperative purchasing language in the **Introduction/Background, National Contract**: "*The Board of Regents of the University of Nebraska, as the Principal Procurement Agency, defined in ATTACHMENT A, has partnered with OMNIA Partners, Public Sector ("OMNIA Partners") to make the resultant contract (also known as the "Master Agreement" in materials distributed by OMNIA Partners) from this solicitation available to other public agencies nationally, including state and local governmental entities, public and private primary, secondary and higher education entities, non-profit entities, and agencies for the public benefit ("Public Agencies"), through OMNIA Partners' cooperative purchasing program. The University of Nebraska is acting as the contracting agency for any other Public Agency that elects to utilize the resulting Master Agreement. Use of the Master Agreement by any Public Agency is preceded by their registration with OMNIA Partners (a "Participating Public Agency") and by using the Master Agreement, any such Participating Public Agency agrees that it is registered with OMNIA Partners, whether pursuant to the terms of a Master Intergovernmental Cooperative Purchasing Agreement, a form of which is attached hereto on ATTACHMENT A, or as otherwise agreed to. ATTACHMENT A contains additional information about OMNIA Partners and the cooperative purchasing program."*

Notice of the solicitation was sent to potential offerors, as well as advertised in the following:

- The University of Nebraska website
- OMNIA Partners website
- USA Today, nationwide
- Arizona Business Gazette, AZ
- San Bernardino County Sun, CA
- Honolulu Star-Advertiser, HI
- The Herald-News – Will County (IL)
- The Advocate – New Orleans, LA
- The New Jersey Herald, NJ
- Albany Times Union, NY
- Daily Journal of Commerce, OR

- The State, SC
- Deseret News, UT
- Richmond Times-Dispatch, VA
- Seattle Daily Journal of Commerce, WA
- Houston Community Newspapers, TX
- Helena Independent Record, MT
- Las Vegas Review-Journal and/or Las Vegas Sun
- Kennebec Journal/Morning Sentinel, ME

Socio-economic Outreach: To encourage participation of small businesses, minority owned businesses and women owned businesses, Historically Underutilized Businesses were notified of the soliciation.

On December 20, 2022 proposals were received from the following offerors:

- Cintas Corporation No. 2

The proposals were evaluated by an evaluation committee. Using the evaluation criteria established in the RFP, a market basket analysis was conducted, with price being the primary factor. The committee elected to enter into negotiations with Cintas Corporation No. 2 and proceeding with contract award upon successful completion of negotiations.

The University of Nebraska, OMNIA Partners and Cintas Corporation No. 2 successfully negotiated a contract, and the University of Nebraska executed the agreement with a contract effective date of June 1, 2023.

Geographic Preferences: No geographic preferences were included in the evaluation of the responses.

Contract includes:

- Uniforms – Rental, Purchase, Lease
- Floor Mats, Mops, Towels & Linens – Rental, Purchase, Lease
- Restroom Supplies
- First Aid and Safety Supplies, AEDs
- Fire Protection Services, Promotional Products
- Promotional Products

Federal Funds: Cintas Corporation No. 2 provided federal funds certifications which are available on the OMNIA Partners website for review.

Term:

Initial five-year agreement from June 1, 2023 through May 31, 2028 with the option to renew for one additional five-year period through May 31, 2033.

Pricing/Discount: Unit pricing sheet available upon request

RESOLUTION NO. 2024-268

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, AWARDING A BID AND AUTHORIZING A COOPERATIVE PURCHASING AGREEMENT WITH CINTAS CORPORATION NO. 2 FOR FIRE PROTECTION SERVICES THROUGH THE UNIVERSITY OF NEBRASKA CONTRACT 001299 VIA OMNIA PARTNERS FOR A ONE-YEAR TERM, WITH THE OPTION TO RENEW FOR UP TO FOUR ADDITIONAL ONE-YEAR TERMS, IN AN ESTIMATED CONTRACT AMOUNT NOT TO EXCEED $329,030.00 OVER THE FIVE YEARS, SUBJECT TO THE EXERCISE OF A CONTRACT RENEWAL AND CITY COUNCIL APPROPRIATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, it is necessary to procure fire protection services to ensure workplace and facility safety; and

WHEREAS, the City of Duncanville, Texas, has entered into an Interlocal Cooperative Purchasing Agreement with OMNIA Partners; and

WHEREAS, The University of Nebraska has taken sealed proposals for Workplace Solutions, and a contract was awarded to Cintas Corporation No. 2; and

WHEREAS, the contract with Cintas and The University of Nebraska is available for use by other public agencies nationally, including state and local governmental entities through OMNIA Partners' cooperative purchasing program; and

WHEREAS, the City of Duncanville, Texas, desires to award a bid and authorize a cooperative purchasing agreement with Cintas Corporation No. 2 for fire protection services through The University of Nebraska Contract 001299 via OMNIA Partners for a one-year term, with the option to renew for up to four additional one-year terms, in an estimated contract amount not to exceed $329,030.00 over the five years, subject to the exercise of a contract renewal and City Council appropriation.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, THAT:

SECTION 1. The City Council of the City of Duncanville, Texas, hereby awards a bid and authorizes a cooperative purchasing agreement with Cintas Corporation No. 2 for fire protection services through The University of Nebraska Contract 001299 via OMNIA Partners for a one-year term, with the option to renew for up to four additional one-year terms, in an estimated contract amount not to exceed $329,030.00 over the five years, subject to the exercise of a contract renewal and City Council appropriation,

and authorizes the City Manager to execute the necessary documents related to said expenditures.

SECTION 2. This Resolution shall become effective immediately upon its passage.

DULY RESOLVED AND ADOPTED by the City Council of the City of Duncanville, Texas, on the 4th day of June, 2024.

APPROVED:

_____

Barry L. Gordon, Mayor

ATTEST:

_____

Chiquita Taylor, City Secretary

APPROVED AS TO FORM:

_____

Robert E. Hager, City Attorney

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Consider a Resolution awarding a bid and authorizing a cooperative purchasing agreement with Trane US Inc. for HVAC products, installation, labor-based solutions, and related products and services through Racine County, Wisconsin Contract 3341 via OMNIA Partners for a one-year term, with the option to renew for up to four additional one-year terms, in an estimated contract amount not to exceed $148,015.00 over the five years, subject to the exercise of a contract renewal and City Council appropriation.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Develop: Infrastructure Improvement Strategy**
  - **Ensure the viability and adaptability of the city's infrastructure, facilities, and transportation network through thoughtful financial and long-term planning.**

STAFF RESPONSIBLE:
Matt Bryant, Assistant Director of Public Works
Dennis Souter, Building Maintenance Superintendent

BACKGROUND/HISTORY:
The City of Duncanville's Building Maintenance Division ensures that all heating, ventilation, and air conditioning systems and components in the city's buildings are properly maintained. Several HVAC components in city-owned facilities are Trane products and require maintenance and services from Trane US Inc.

The City of Duncanville participates in a program that offers comprehensive inspections and maintenance services for Trane chiller equipment. This program ensures that the chillers are functioning optimally and efficiently, helping to reduce energy costs and prevent breakdowns. Additionally, the city currently utilizes Tracer SC, a building automation system, for remote monitoring and temperature management of Trane systems. Trane has been providing these services for several years and has consistently met the city's expectations.

POLICY EXPLANATION:
City Council is requested to approve a contract with Trane US Inc. in the total amount of $148,015.00. The estimated expenditure amounts per fiscal year are $20,000.00 for FY24 and $128,015.00 spread over fiscal years 25 through 29, subject to appropriations in FYs 25-29, as outlined below. FYs 26-28

include an approximate 5% increase over the previous year to accommodate any price escalations that may arise throughout the contract's life. This authorization should cover all fire prevention services for the next five years.

FY 24: $20,000.00
FY 25: $25,000.00
FY 26: $26,250.00
FY 27: $27,563.00
FY 28: $28,942.00
FY 29: $20,260.00 (through June 2029)

The agreement through OMNIA Partners expires on August 31, 2027. The contract is expected to be renewed before that date. However, if it is not renewed, staff will request the City Council's approval of a new fire protection services agreement.

State law provides that a local government purchasing an item under a cooperative purchasing agreement satisfies any state law requiring that the local government seek competitive bids to purchase the item. The Texas Local Government Code Chapters 271 and 791 allow government agencies to participate in these cooperative arrangements voluntarily.

FUNDING SOURCE:

ORG and Object Number
01066800-700450 (Building Maintenance/Contractual Services)

Available Budget	**Purchase Amount**	**After Encumber**
$55,375.44	$20,000.00	$35,375.44

ACTION ALTERNATIVES:

1. Approve.
2. Do not approve.
3. Other actions as directed by Council.

ATTACHMENTS:
Attachment 1 - OMNIA Partners Executive Summary
Resolution No. - 2024-269 - Trane Agreement

Attachment 1

HVAC Products, Installation, Labor Based Solutions, and Related Products and Services
Executive Summary

Lead Agency: Racine County, Wisconsin

Solicitation: RC2022-1001

Solicitation Issued: June 15, 2022

Pre-Bid Date: June 29, 2022

Response Due Date: July 21, 2022

Awarded to: Trane U.S. Inc.

Racine County, Wisconsin issued IFB #RC2022-1001 on June 15, 2022, to establish a national cooperative contract for HVAC Products, Installation, Labor Based Solutions, and Related Products and Services.

The solicitation included cooperative purchasing language in Section II. INSTRUCTION TO BIDDERS, K. National Contract:

Subject to its fiduciary and statutory obligations, Racine County, as the Principal Procurement Agency, defined in Attachment D – National Cooperative Contract to be Administered by OMNIA Partners, has partnered with OMNIA Partners, Public Sector ("OMNIA Partners") to make the resultant contract (also known as the "Master Agreement" in materials distributed by OMNIA Partners) from this solicitation available to other public agencies nationally, including state and local governmental entities, public and private primary, secondary and higher education entities, non-profit entities, and agencies for the public benefit ("Public Agencies"), through OMNIA Partners' cooperative purchasing program. Racine County is acting as the contracting agency for any other Public Agency that elects to utilize the resulting Master Agreement. Use of the Master Agreement by any Public Agency is preceded by their registration with OMNIA Partners (a "Participating Public Agency") and by using the Master Agreement, any such Participating Public Agency agrees that it is registered with OMNIA Partners, whether pursuant to the terms of a Master Intergovernmental Cooperative Purchasing Agreement, a form of which is attached hereto on Attachment D – National Cooperative Contract, or as otherwise agreed to. Attachment D – National Cooperative Contract contains additional information about OMNIA Partners and the cooperative purchasing agreement.

Notice of the solicitation was sent to potential offerors, as well as advertised in the following:

- Racine County website
- OMNIA Partners website
- USA Today, nationwide
- Arizona Business Gazette, AZ
- San Bernardino County Sun, CA
- Honolulu Star-Advertiser, HI
- The Herald-News – Will County (IL)

Version July 14, 2022

- The Advocate – New Orleans, LA
- The New Jersey Herald, NJ
- Albany Times Union, NY
- Daily Journal of Commerce, OR
- The State, SC
- Deseret News, UT
- Richmond Times-Dispatch, VA
- Seattle Daily Journal of Commerce, WA
- Houston Community Newspapers, TX
- Helena Independent Record, MT
- Las Vegas Sun
- Kennebec Journal, ME

Socio-economic Outreach: To encourage participation of small businesses, minority owned businesses and women owned businesses, Historically Underutilized Businesses were notified of the Invitation to Bid.

On Thursday July 21, 2022, bids were received from the following offerors:

- Trane U.S. Inc.

Trane U.S. Inc. was the lowest responsive, responsible, and qualified bidder based on the requirements issued in the IFB. The County Executive, who was granted authority on January 11, 2022 by the Racine County Commissioners, approved the contract award. The contract was executed on August 17, 2022 with an effective date of September 1, 2022.

Contract includes HVAC Products, Installation, Labor Based Solutions, and Related Products and Services. Trane U.S. Inc. can provide products and services covering the following areas:

- Operate, Maintain & Repair
    - Connectivity and Cloud Services
    - HVAC System Management
    - HVAC System Repair
    - Rental Solutions
    - Parts and Supplies
- Energy & Sustainability
    - Energy conservation Measures
    - Energy Monitoring & Analysis
    - Active Energy Management
    - Financing & Energy Services Contracting
- Design, Upgrade & Modernize
    - Upgrading Existing Equipment
    - Building Systems Design and Upgrades
    - HVAC System Retrofits
    - Indoor Air Quality (IAQ)
- Building Systems and Technologies
    - Variable Refrigerant Flow (VRF) and Ductless Systems
    - Chillers
    - Packages Units and Split Systems

  - Air Handlers, Terminal Devices, Vav and Fan Coils
  - Variable Frequency Drives (VFD)
  - Energy Storage
  - Precision Cooling
- Building Management and Automation
  - Solutions for Large Buildings and Campuses
  - Small Building Solutions
  - Air-Fi® Wireless Communications
  - Lighting Solutions
  - Controls Solutions for Light Commercial Contractors
- Design and Analysis Software Tools

Term:

- September 1, 2022 to August 31, 2027 with the option to renew for one (1) additional five (5) year period. The anticipated full term of the contract is ten (10) years. Trane U.S. Inc. has the right to enter local "service" agreements with Participating Public Agencies accessing the contract through OMNIA Partners, so long as the effective date of such agreement is prior to the expiration of the Contract. All local agreements may have a full potential term (any combination of initial and renewal periods) subject to the discretion of the Participating Public Agency. Any job orders, project agreements, or maintenance agreements executed against the Master Agreement during the effective term may survive beyond the expiration of the Master Agreement as established and agreed to by both parties.

Pricing/Discount:

- Bid Form Available Upon Request.

RESOLUTION NO. 2024-269

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, AWARDING A BID AND AUTHORIZING A COOPERATIVE PURCHASING AGREEMENT WITH TRANE US INC. FOR HVAC PRODUCTS, INSTALLATION, LABOR-BASED SOLUTIONS, AND RELATED PRODUCTS AND SERVICES THROUGH RACINE COUNTY, WISCONSIN CONTRACT 3341 VIA OMNIA PARTNERS FOR A ONE-YEAR TERM, WITH THE OPTION TO RENEW FOR UP TO FOUR ADDITIONAL ONE-YEAR TERMS, IN AN ESTIMATED CONTRACT AMOUNT NOT TO EXCEED $148,015.00 OVER THE FIVE YEARS, SUBJECT TO THE EXERCISE OF A CONTRACT RENEWAL AND CITY COUNCIL APPROPRIATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, it is necessary to procure heating, ventilation, and air conditioning services; and

WHEREAS, the City of Duncanville, Texas, has entered into an Interlocal Cooperative Purchasing Agreement with OMNIA Partners; and

WHEREAS, Racine County, Wisconsin has taken sealed proposals for HVAC Products, Installation, Labor-Based Solutions, and Related Products and Services, and a contract was awarded to Trane US Inc.; and

WHEREAS, the contract with Trane and Racine County, Wisconsin is available for use by other public agencies nationally, including state and local governmental entities through OMNIA Partners' cooperative purchasing program; and

WHEREAS, the City of Duncanville, Texas, desires to award a bid and authorize a cooperative purchasing agreement with Trane US Inc. for HVAC products, installation, labor-based solutions, and related products and services through Racine County, Wisconsin Contract 3341 via OMNIA Partners for a one-year term, with the option to renew for up to four additional one-year terms, in an estimated contract amount not to exceed $148,015.00 over the five years, subject to the exercise of a contract renewal and City Council appropriation.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, THAT:

SECTION 1. The City Council of the City of Duncanville, Texas, hereby awards a bid and authorizes a cooperative purchasing agreement with Trane US Inc. for HVAC products, installation, labor-based solutions, and related products and services through Racine County, Wisconsin Contract 3341 via OMNIA Partners for a one-year term, with

the option to renew for up to four additional one-year terms, in an estimated contract amount not to exceed $148,015.00 over the five years, subject to the exercise of a contract renewal and City Council appropriation, and authorizes the City Manager to execute the necessary documents related to said expenditures.

SECTION 2. This Resolution shall become effective immediately upon its passage.

DULY RESOLVED AND ADOPTED by the City Council of the City of Duncanville, Texas, on the 4th day of June, 2024.

APPROVED:

_____

Barry L. Gordon, Mayor

ATTEST:

_____

Chiquita Taylor, City Secretary

APPROVED AS TO FORM:

_____

Robert E. Hager, City Attorney

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Consider a Resolution authorizing the purchase of three vehicles from Silsbee Ford Fleet Group that will be used in support of the Police Department's Patrol Division, in the expenditure amount not to exceed $216,913.95, with the additional purchase of upfitting cost to Axon in the expenditure amount not to exceed $39,349.44; with the additional purchase of upfitting cost to Motorola in an amount not to exceed $16,935.15.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Emphasize: Government Accountability, Customer Service, Efficiency and Process Improvement**
  - **Develop a high performing organization that encourages innovation, transparency, and collaboration while delivering exceptional customer service.**

STAFF RESPONSIBLE:
Matt Stogner, Interim Chief of Police
Ron McCarty, Sergeant

BACKGROUND/HISTORY:
At the February 20, 2024 City Council meeting, Resolution 2024-223 was presented and approved to accept and deposit federal and state asset forfeiture funds. The Duncanville Police Department intends to utilize federal equitable sharing funds to purchase three fully equipped police patrol vehicles.

On May 21, 2024, the Police Department presented the need for three additional Patrol vehicles to the City Council.

The Duncanville Police Department currently operates a fleet of 19 patrol vehicles. Our staffing includes four 12-hour patrol shifts, each requiring nine vehicles to accommodate seven officers and two supervisors per shift. Due to mechanical failures and vehicle crashes, several vehicles are frequently out of service, necessitating the use of the remaining fleet vehicles 24 hours a day.

The Duncanville Police Department faces several operational challenges with its current fleet. Continuous use of patrol vehicles without adequate downtime has led to increased maintenance

costs and frequent repairs. The intensive 24-hour usage significantly reduces the life expectancy of our vehicles, necessitating more frequent replacements. These challenges underscore the need for an expanded fleet.

The purchase of three additional patrol vehicles using federal asset forfeiture funds will address the challenges mentioned above.

The following vehicles have been approved and purchased using federal equitable sharing funds:

- March 5, 2024 - SWAT Vehicle
- April 16, 2024 - Two unmarked vehicles (due to increase in rental vehicle pricing)

The following vehicles have been approved and purchased using budgetary funds:

- March 19, 2024 - Seven Patrol Vehicles (fleet replacement vehicles)
- April 2, 2024 - Six CID Vehicles (fleet replacement vehicles)

POLICY EXPLANATION:

The Department of Justice has specific guidelines for what is and what is not permitted use. As specified in the Equitable Sharing guidelines, funds received can only be accounted for as revenue once expenditures are identified and made. The funds received will be recorded on the balance sheet as deferred revenue until used.

FUNDING SOURCE:

ORG and Object Number

05010000-706103 (Federal Asset Forfeiture Fund)

Available Budget	Purchase Amount	After Encumber
$436,552.55	$129,654.00	$306,898.55

ACTION ALTERNATIVES:

1. Approve.
2. Do not approve.
3. Other actions as directed by Council.

ATTACHMENTS:

Attachment 1 - Resolution No. - 2024-274 - Vehicle Purchases - Patrol

RESOLUTION NO. 2024-274

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, AUTHORIZING THE PURCHASE OF THREE VEHICLES FROM SILSBEE FORD FLEET GROUP THAT WILL BE USED IN SUPPORT OF THE POLICE DEPARTMENT'S PATROL DIVISION, IN THE EXPENDITURE AMOUNT NOT TO EXCEED $216,913.95, WITH THE ADDITIONAL PURCHASE OF UPFITTING COST TO AXON IN THE EXPEDITURE AMOUNT NOT TO EXCEED $39,349.44; WITH THE ADDITIONAL PURCHASE OF UPFITTING COST TO MOTOROLA IN AN AMOUNT NOT EXCEED $16,935.15; AND AUTHORIZING THE CITY MANAGER AS THE AUTHORIZED OFFICIAL TO EXECUTE ALL DOCUMENTS, AND PROVIDE AN EFFECTIVE DATE.

WHEREAS, it is necessary to immediately purchase three vehicles to be utilized in the daily operations of the Police Department's Patrol Division; and

WHEREAS, The Interlocal Purchasing System (TIPS) has evaluated proposals and awarded an agreement to Silsbee Ford Fleet Group; and

WHEREAS, the purchase of upfitting cost to Axon in the amount not to exceed $39,349.44 and Motorola in the amount not to exceed $16,935.15; and

WHEREAS, the City Council for the City of Duncanville wishes to designate the City Manager as the grantee's authorized official. The authorized official is given the power to apply for, accept, reject, alter or terminate the contract on behalf of the applicant agency.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, THAT:

SECTION 1. That the City Council of the City of Duncanville hereby approves and authorizes the purchase of three vehicles from Silsbee Ford Fleet Group using asset forfeiture funds through Interlocal Purchasing Systems (TIPS) agreement in an amount not to exceed $129,654.

SECTION 2. That the City Council of the City of Duncanville hereby approves and authorizes the purchase of upfitting cost to Axon in the amount not to exceed $39,349.44 and Motorola in the amount not to exceed $16,935.15.

SECTION 3. That the City Council of the City of Duncanville authorizes the City Manager, as the authorized official, to execute the appropriate and necessary documents and/or purchase orders.

SECTION 4. This resolution shall become effective immediately upon its passage.

DULY RESOLVED AND ADOPTED by the City Council of the City of Duncanville, Texas, on the 4th day of June, 2024.

APPROVED:

_____

Barry L. Gordon, Mayor

ATTEST:

_____

Chiquita Taylor, City Secretary

APPROVED AS TO FORM:

_____

Robert E. Hager, City Attorney

PRODUCT PRICING SUMMARY

TIPS USA 210907 Automobiles

VENDOR- DONALSON CDJR, 1305 Hwy 96 BYPASS , Silsbee TX 77656

End User: CITY OF DUNCANVILLE PD
Contact:
Email:
Product Description: DODGE CHARGER POLICE

Prepared by: SETH GAMBLIN
Phone: 512.436.1313
Email: SGAMBLIN.SILSBEEFLEET@GMA
Date: May 23, 2024

A. **Bid Item:** **A. Base Price:** $ 40,107.00

B. **Factory Options**

Code	Description	Bid Price	Code	Description	Bid Price
LDDE48	2023 DODGE CHARGER POLICE				
EZH	5.7L V8 HEMI ENGINE RWD				
X5	HD CLOTH BUCKET SEATS W VINYL REA	$ 135.00			
AWC	FLEET SAETY GROUP	$ 395.00			
	EXTERIOR MIRRORS W/ HEAT	INC			
	BLIS	INC			

Total of B. Published Options: $ 530.00

Published Option Discount (5%) $ (26.50)

C. **Unpublished Options** **$=** 76.5 **%**

Description	Bid Price	Options	Bid Price
		EXTERIOR COLOR- BLACK	
ROOF AND 1/2 DOORS WHITE	$ 1,995.00	INTERIOR - X5	
NEED PHOTO			
DANA FORT WORTH 531519-K	$ 29,086.65		

Total of C. Unpublished Options: $ 31,081.65

D. **Floor Plan Interest (for in-stock and/or equipped vehicles):** $ -

E. **Lot Insurance (for in-stock and/or equipped vehicles):** $ -

F. **Contract Price Adjustment:**

G. **Additional Delivery Charge:** 350 **miles** $ 612.50

H. **Subtotal:** $ 72,304.65

I. **Quantity Ordered** 3 **x H =** $ 216,913.95

J. **Trade in:** $ -

K. Page 4 of 4

L. **Total Purchase Price** $ 216,913.95

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Consider approval of Resolution 2024-275 for Professional Services Contract Number 24-76102 with Kimley-Horn and Associates, Inc. for dog park master planning services in an amount not to exceed $75,000.00.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Re-Imagine: High Quality of Life**
  - **Develop, maintain, and encourage safe, attractive, viable family-oriented neighborhoods that embrace diversity and pride, promoting economic vitality.**

STAFF RESPONSIBLE:
Bart Stevenson, Director of Parks and Recreation

BACKGROUND/HISTORY:
The FY24 Budget includes $100,000 in American Rescue Plan Act funding for the development of a dog park in Duncanville. The current proposed location of the dog park is at the northeast corner of Wheatland Road and S. Venice Drive, east of Rotary Park. The first step in the development of the park is a master plan of the property to identify the best location of amenities and necessary support facilities such as parking lots, and restrooms while also being cognizant of required drainage and preserving the natural beauty of the property. The City of Duncanville initiated a Request for Qualifications process through Purchasing and received four responses from interested firms. A review committee from Parks and Recreation and Planning reviewed the submittals and ranked the firms based on select criteria of the firm's experience with similar projects, specific staff experience with similar projects, and their proposed master plan process. Kimley-Horn and Associates, Inc. was selected as the top-ranked firm. Kimley-Horn has nearly 7,400 employees in more than 130 offices nationwide. Locally, they have over 800 employees in offices located in Fort Worth, Dallas, and McKinney. Kimley-Horn has significant experience in the development of multiple dog parks in Texas including Burleson, Frisco, Fort Worth, Grand Prairie, Princeton, Mesquite, and Odessa.

As discussed in the May 21, 2024 Briefing Session, the master plan process will be guided by an appointed advisory committee, selected by the City Council. The proposed scope of services includes the following activities although not in chronological order:

Task 1 - Data Collection and Draft Master Plan

Task 2 - Public Engagement and Final Master Plan
Task 3 - Topographic Survey
Task 4 - Tree Inventory

POLICY EXPLANATION:
This project was bid according to all local, state, and federal laws for the procurement of professional services. Kimley-Horn and Associates, Inc. was the top firm evaluated following a Request for Qualifications process earlier this year. Kimley-Horn and staff have negotiated a scope of services for the project with the associated costs included in the proposed Professional Services Contract #24-76102.

FUNDING SOURCE:

ORG and Object Number
75800001-700450 ARPA4

Available Budget	**Purchase Amount**	**After Encumber**
$180,000.36	$75,000.00	Approximately $105,000.36

ACTION ALTERNATIVES:
1. Approve funding in the amount of $75,000.00 to perform master plan services for a dog park.
2. Do not provide funding for Staff to procure a consultant for master plan services for a dog park.
3. Other actions as directed by Council.

ATTACHMENTS:
Resolution No. - 2024-275 - Kimley Horn Dog Park Master Plan - Pdf

RESOLUTION NO. 2024-275

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, APPROVAL OF RESOLUTION 2024-275 FOR PROFESSIONAL SERVICES CONTRACT NUMBER 24-76102 WITH KIMLEY-HORN AND ASSOCIATES, INC. FOR DOG PARK MASTER PLANNING SERVICES IN AN AMOUNT NOT TO EXCEED $75,000.00; AUTHORIZING THE CITY MANAGER OR THEIR DESIGNEE TO EXECUTE ALL NECESSARY DOCUMENTS; AND, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, The City Council of the City of Duncanville, Texas has identified approximately 10 acres located north of Wheatland Road, east of Venice Drive, as a future dog park; and

WHEREAS, The City Council of the City of Duncanville, Texas desires to create a master plan to guide future development of the property as a dog park; and

WHEREAS, Kimley-Horn and Associates, Inc has provided scope of services with associated costs and timelines in Professional Services Contract Number 24-76102.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, THAT:

SECTION 1. The City Council of the City of Duncanville, Texas approves Resolution 2024-275 for Professional Services Contract Number 24-76102 with Kimley-Horn and Associates, Inc. for dog park master planning services in an amount not to exceed $75,000.00.

SECTION 2. The City Council of the City of Duncanville, Texas authorizes the City Manager or their designee to execute all necessary documents.

SECTION 3. This Resolution shall become effective immediately following its passage.

APPROVED:

_____

Barry L. Gordon, Mayor

ATTEST:

_____

Chiquita Taylor, City Secretary

APPROVED AS TO FORM:

_____

Robert E. Hager, City Attorney

PROFESSIONAL SERVICES CONTRACT
NUMBER 24-76102
(DUNCANVILLE DOG PARK DESIGN PROJECT)

This **PROFESSIONAL SERVICES CONTRACT** ("contract") is made and entered into by and between **(Kimley-Horn and Associates, Inc.)**, hereinafter referred to as "CONTRACTOR," which is legally authorized to do business in the State of Texas, and the **City of Duncanville** ("CITY"), a Texas home rule municipal corporation, hereinafter referred to as "CITY," to be effective upon approval of the Duncanville City Council and subsequent execution of this Contract by the Duncanville City Manager or his duly authorized designee.

RECITALS

WHEREAS the CITY desires CONTRACTOR to perform certain professional services set forth in Section 1, Scope of Services, and **Exhibit A, Scope of Services, Deliverables, and Schedule,** of this contract; and

WHEREAS, the CONTRACTOR has expressed a willingness to perform said professional services, hereinafter referred to only as "services", specified in said Scope of Services and enumerated under Section 1 and **Exhibit A** of this contract; and

NOW, THEREFORE, for and in consideration of the covenants and promises made one to the other herein, the CITY and the CONTRACTOR agree as follows:

Section 1. Services to be Provided.
Upon issuance of a written Notice to Proceed or a Purchase Order by CITY, CONTRACTOR agrees to provide to CITY the applicable professional and design services, as set forth in the "Scope of Services, Deliverables, and Schedule," "Scope," **Exhibit A** and incorporated herein. **Exhibit A** also includes the Schedule of Standard Fees. **SCHEDULE:** The proposed services shall begin within **ten (10) working days of authorization to proceed, or upon date as mutually agreed to by City and Contractor and incorporated into the project schedule**. The deliverables and schedule are included as **Exhibit A** and made a part hereto.

Section 2. Term of Contract
The term of this contract shall begin on the last date of execution hereof (the "Effective Date") and shall continue until CONTRACTOR completes the services and obligations required herein to the satisfaction of CITY as specified in **Section 1** and **Exhibit A,** unless sooner terminated as provided in Section 9, Termination, as detailed in this Contract.

Section 3. Contractor Obligations
CONTRACTOR shall devote such time as reasonably necessary for the performance of the services under this Contract, as described in the Scope of Services, attached, and incorporated herein as **Exhibit A.** Should CITY require additional services not included under this Contract, CONTRACTOR upon receipt of written change order, shall make reasonable effort to provide such additional services at mutually agreed charges or rates, and within the time schedule

prescribed by CITY; and without decreasing the effectiveness of the performance of services required under this Contract.

A. To the extent reasonably necessary for CONTRACTOR to perform the services under this Contract, CONTRACTOR shall be authorized to engage the services of any agents, assistants, persons, or corporations that CONTRACTOR may deem proper to aid or assist in the performance of the services under this Contract with the prior written approval of CITY. The cost of such personnel and assistance shall be a reimbursable expense to CONTRACTOR only if authorized in writing in advance by CITY.

B. CONTRACTOR shall furnish and pay for all labor, tools, materials, equipment, supplies, transportation, services, and management necessary to perform all services as set forth in the Scope of Services including to the agreed upon schedule.

Section 4. Invoices

A. The CONTRACTOR shall submit monthly invoices for services completed. Each purchase order issued Invoices shall be emailed to the CITY's Accounts Payable Department at accountspayable@duncanville.com with a proforma copy to the City's designated project manager or departmental point-of-contact. Payment will be made by check unless the parties mutually agree to payment by credit card or electronic transfer of funds. The CONTRACTOR agrees that there shall be no additional charges, surcharges, or penalties to the CITY for payments made by credit card or electronic funds transfer.

B. Proper Invoices must include a unique invoice number, the purchase order or delivery order number and the master contract number, if applicable, the Department's Name, and the name of the point of contact for the Department. Invoices shall be itemized. The CONTRACTOR's name, remittance address and, if applicable, the tax identification number on the invoice must exactly match the information in the Vendor's registration with the CITY. Unless otherwise instructed in writing, the CITY may rely on the remittance address specified on the CONTRACTOR's invoice.

C. Invoices for labor performed outside of the scope but previously agreed to by the City with a written change order, shall be listed on the monthly invoice as a separate item. Invoices for labor shall include a copy of applicable timesheets with labor rate and deliverables clearly identified. Invoices shall also include a tabulation of work hours at the appropriate rates and grouped accordingly. Time billed for labor shall be limited to hours actually worked.

D. Unless otherwise expressly authorized in the Contract, the CONTRACTOR shall pass through all Subcontractor and other authorized expenses at actual cost without markup.

E. Federal excise taxes, State taxes, or CITY sales taxes shall not be included in the invoiced amount. The CITY will furnish a tax exemption certificate upon request.

Section 5. Payment

The total CONTRACTOR fee shall be as specified in **Exhibit A** and in **Section 5.** The total amount of the invoices on the project shall not exceed the contract amount of **$75,000.00 Seventy-Five Thousand, and no dollars and no cents** for all services authorized in writing and properly performed by CONTRACTOR in accordance with the Payment Schedule set forth in this Section, unless amended in writing by the City. All fees paid to CONTRACTOR, by CITY, shall be based on invoices submitted by CONTRACTOR for services performed and approved by the CITY. Payment will be made by check unless the parties mutually agree to payment by credit card or electronic transfer of funds (EFT). The CONTRACTOR agrees that there shall be no additional charges, surcharges, or penalties to the CITY for payments made by credit card or electronic funds transfer.

CITY agrees to pay:

Payment Schedule:

1. Data Collection and Draft Master Plan	**Delivery: 14 Weeks**
2. Public Engagement and Final Master Plan	**Delivery: 15 Weeks**
3. Topographic Survey	**Delivery: 4 Weeks**
4. Tree Inventory	**Delivery: 4 Weeks**
Total Project Timeline	**Delivery: 33 Weeks***

***Task 3 & 4 will be concurrent**

Payment Schedule (following completion and acceptance):

1. Data Collection and Draft Master Plan	**$ 30,000.00**
2. Public Engagement and Final Master Plan	**$ 35,000.00**
3. Topographic Survey	**$ 6,000.00**
4. Tree Inventory	**$ 4,000.00**
Total Not-to-Exceed Cost	**$ 75,000.00**

The CITY, following written notice to CONTRACTOR, may withhold or set off the entire payment or part of any payment otherwise due the CONTRACTOR to such extent as may be necessary on account of:

a. third party claims, which are not covered by the insurance which the CONTRACTOR is required to pay provided the City receives notification of a valid claim or reasonable evidence indicating probable filing of such claims.

b. failure of the CONTRACTOR to pay Subcontractors, or for labor, materials or equipment: damage to the property of the CITY or the CITY's agents, employees, or contractors, which is not covered by insurance required to be provided by the CONTRACTOR.

c. reasonable evidence that the CONTRACTOR's obligations will not be completed. within the time specified in the Contract, and that the unpaid balance would not be adequate to cover actual or damages for the anticipated delay.
failure of the CONTRACTOR to submit proper invoices, with all required attachments and supporting documentation; or

d. failure of the CONTRACTOR to comply with any material provision of the Contract or perform the project in a satisfactory manner.

e. any sums owed to the CITY, for any reason including delinquent taxes.

Payments shall be made within 30 days of receipt of invoice by CITY, unless disputed by the CITY. If payment is not timely made, interest shall accrue on the unpaid balance at the lesser of the rate specified in Texas Government Code Section 2251.025 or the maximum lawful rate; except, if payment is not timely made for a reason for which the City may withhold payment hereunder, interest shall not accrue until ten (10) calendar days after the grounds for withholding payment have been resolved.

Section 6. Responsibilities

A. THE CONTRACTOR shall be responsible for the professional services furnished by CONTRACTOR under this Contract. CONTRACTOR shall complete the services with the professional skill and care ordinarily provided by similarly situated professionals in the same or similar locality and under the same or similar circumstances and professional license. CONTRACTOR shall, without additional compensation, correct or revise any errors or deficiencies in the services.

B. Neither CITY's review, approval or acceptance of, nor payment for any of the services required under this Contract, shall be construed to operate as a waiver of any rights under this Contract or of any cause of action arising out of the performance of this Contract, and CONTRACTOR shall be and remain liable to CITY in accordance with applicable law for direct damages to CITY caused by CONTRACTOR's negligent performance of any of its services furnished under this Contract.

C. CITY's rights and remedies under this Contract are as provided by law and allowed by this contract.

Section 7. Time for Performance

A. CONTRACTOR shall perform all services as provided for under this Contract in a proper, efficient, and professional manner in accordance with this contract and the CITY's requirements. Such services shall be completed in a timely manner, after receiving a Notification to Proceed from CITY to CONTRACTOR.

B. In the event CONTRACTOR's performance of this Contract is delayed or interfered with by acts of the CITY or others or any factor outside of CONTRACTOR's reasonable control, CONTRACTOR may request an extension of time for the performance of same as hereinafter provided but shall not be entitled to any increase in fee or price, or to damages or additional compensation as a consequence of such delays.

C. No allowance of any extension of time, for any cause whatever, shall be claimed or made to CONTRACTOR, unless CONTRACTOR shall have made written request upon CITY for such extension within seventy-two (72) hours after the cause for such extension occurred, and unless CITY and CONTRACTOR have agreed in writing upon the allowance of additional time to be made.

Section 8. Documents

A. Upon completion and receipt of payment, final surveys, studies, proposals, applications, drawings, plans, specifications, and other project-related documents, including those in electronic form, prepared by CONTRACTOR and its consultants, subcontractor's, agents, representatives, and/or employees in connection with this Contract ("Project Documents") are intended for the use and benefit of CITY. CONTRACTOR and its consultants, subcontractor's, agent(s), representatives, and/or employees shall be deemed the authors of their respective part of the Project Documents.

B. CITY shall have the right to publish, disclose, distribute, and otherwise use such deliverables, materials, and reports for those purposes for which they were intended. CITY shall have full authority to authorize CONTRACTOR(s), subcontractor's, sub-subcontractor's, CITY consultants, and material or equipment suppliers to reproduce applicable portions of the Project Documents to and for use in their execution of the services or for any other governmental purpose connected with this project. All materials and reports prepared by CONTRACTOR in connection with this Contract are "works for hire" and shall be the property of CITY. CITY shall have the right to publish, disclose, distribute, and otherwise use Project Documents in accordance with the Engineering Practice Act of the State of Texas (Texas Occupation Code, Chapter 1001, as amended) and/or Texas Occupations Code, Chapter 1051, as amended and applicable. CONTRACTOR shall, upon completion of the services and full payment for the CONTRACTOR'S services by the CITY, or earlier termination and appropriate compensation as provided by this Contract, provide CITY with reproductions of all materials, reports, and exhibits prepared by CONTRACTOR pursuant to this Contract in a TIFF, JPEG or PDF format, and a DXF format in current version of AutoCAD with NAD-83 coordinate format of all such instruments of service to the CITY, as applicable.

C. All instruments of service (including plans, specifications, drawings, reports, designs, computations, computer programs developed specifically for this service by the CONTRACTOR, estimates, surveys, other data, or work items, etc.) prepared under this Contract shall be submitted for approval of CITY. All instruments of service shall be professionally sealed as may be required by law or by the CITY.

D. Acceptance and approval of the Project Documents by CITY shall not constitute nor be release of the responsibility and liability of CONTRACTOR, its employees, associates, agents and CONTRACTORs for the accuracy or competency of their designs, working drawings and specifications, or other documents and services; nor shall such approval be deemed to be an assumption of such responsibility by CITY for any defect in the designs, working drawings and specifications, or other documents prepared by CONTRACTOR, its employees, CONTRACTOR, agents and CONTRACTORs.

E. Any modifications made by the CITY to any of the CONTRACTOR's documents, or any reuse of the documents without written authorization or adaptation by the CONTRACTOR will be at the CITY's sole risk and without liability to the CONTRACTOR.

Section 9. Termination

CITY may suspend or terminate this Contract for cause or without cause at any time by giving written notice to CONTRACTOR. Upon receipt of such notice, CONTRACTOR shall immediately discontinue all services, and CONTRACTOR will immediately terminate placing orders or entering into contracts for assistance, supplies, facilities, or material in connection with this contract and shall proceed to cancel promptly all existing contracts insofar as they are related to this contract. In the event suspension or termination is without cause, payment to CONTRACTOR, in accordance with the terms of this Contract, will be made on the basis of goods or services reasonably determined by CITY to be satisfactorily performed to the date of suspension or termination. Such payment will be due upon delivery of all goods or services to the CITY. Should CITY require a modification of this Contract with CONTRACTOR, and in the event. CITY and CONTRACTOR fail to agree upon a modification to this Contract, CITY shall have the option of terminating this Contract and CONTRACTOR's services hereunder at no additional cost other than the payment to CONTRACTOR, in accordance with the terms of this Contract, for the goods or services reasonably determined by CITY to be properly performed by CONTRACTOR prior to such termination date.

Section 10. Insurance

A. In accordance to the provisions of Texas Labor Code, Title 5, the CONTRACTOR shall provide and maintain Workers' Compensation and Employer's Liability Insurance for the protection of the CONTRACTOR's employees, as required by law. The CONTRACTOR shall also provide and maintain in full force and effect during the term of this Contract, insurance (including, but not limited to, insurance covering the operation of automobiles, trucks and other vehicles) protecting the CONTRACTOR and the CITY against liability from damages because of injuries, including death, suffered by any person or persons other than employees of the CONTRACTOR, and liability for damages to property, arising from or growing out of the CONTRACTOR's operations in connection with the performance of this Contract.

B. Such insurance covering personal and bodily injuries or death shall be in the sum of not less than One Million Dollars ($1,000,000.00) for one (1) person, and not less than One Million Dollars for any individual one (1) occurrence. Insurance covering damages to property shall be in the sum of not less than One Million Dollars ($1,000,000.00) for any individual one (1) occurrence, and One Million Dollars ($1,000,000.00) aggregate.

C. The CONTRACTOR shall also provide and maintain Professional Liability Insurance coverage to protect the CONTRACTOR and the CITY from liability arising out of the negligent performance of professional services, if any, under this Contract. Such coverage shall be in the sum of not less than One Million Dollars ($1,000,000.00).

A signed Certificate of Insurance, satisfactory to the CITY, showing compliance with the requirements of this Section shall be furnished to the CITY before any services are performed under this Contract to:

CITY of Duncanville
Attn: Chief Procurement Officer
PO Box 380280

Duncanville, TX 75138
(972) 780-5058
purchasing@duncanvilletx.gov

and shall further indicate that each and every policy for liability insurance coverage, as required herein, except Workers' Compensation and Professional Liability Insurance includes a "Contractual Liability Coverage" endorsement covering the Contract under Section 10, hereof. Such Certificate of Insurance shall provide for thirty (30) days written notice to CITY prior to the cancellation except 10-day notice of cancellation for non-payment of premium of any insurance referred to therein. On every date of renewal of the required insurance policies, the CONTRACTOR shall cause a certificate of insurance and policy endorsements to be issued evidencing the required insurance herein and delivered to the CITY. In addition, the CONTRACTOR shall within ten (10) business days after written request provide the CITY with certificates of insurance and policy endorsements for the insurance required herein. The delivery of the certificates of insurance and policy endorsements to the CITY is a condition precedent to the payment of any amounts due to CONTRACTOR by the CITY. The failure to provide valid certificates of insurance and policy endorsements shall be deemed a default and/or breach of this Contract.

All insurance companies providing the required insurance shall be authorized to transact business in Texas and rated at least **"A" by AM Best** or other equivalent rating service. All policies must be written on a primary basis, non-contributory with any other insurance coverage and/or self-insurance maintained by the CITY.

Section 11. Indemnification for Injury and Performance

CONTRACTOR hereby agrees to defend (excluding defense requirement for Professional Liability Claims), indemnify, and hold harmless the CITY, its officers, agents, and employees (hereinafter individually and collectively referred to as "Indemnitees"), from and against suits, actions, claims, losses, liability, and from and against costs and expenses, including, in part, reimbursement of reasonable attorney fees, in proportion to CONTRACTOR'S liability, incidental to the defense of such suits, actions, claims, losses, damages or liability on account of injury, disease, sickness, including death, to any person or damage to property, to the extent caused by or arising from the negligent act, error, omission or neglect of CONTRACTOR, its officers, employees, agents or subcontractor's, or anyone else under CONTRACTOR's direction and control, and arising out of, occurring in connection with, resulting from or caused by the negligent performance or failure of performance of any services called for by this Contract, or from conditions created by the negligent performance or non-performance of said services.

Solely and exclusively for Professional Liability Claims, CONTRACTOR shall have no obligation to undertake the defense of Indemnitees in a Professional Liability Claim prior to the determination of liability in such Professional Liability Claim. Upon conclusion of the Professional Liability Claim either through settlement, or by the issuance of an arbitration award, judgment or other final determination of liability, CONTRACTOR shall promptly reimburse Indemnitees for a proportionate share of Indemnitees' defense attorney's fees, investigation costs, court or arbitration costs, and expenses incurred in defending any claim, demand, action, lawsuit, arbitration, or other proceeding relating to such Professional Liability Claim, in an amount proportionate to the

percentage of liability allocated to CONTRACTOR in any such settlement agreement, arbitration award, judgment or other final determination of liability. CONTRACTOR shall not have any obligation to indemnify, defend or reimburse Indemnitees for Professional Liability claims arising by reason of the sole negligence or willful misconduct of Indemnitees.

Section 12. Indemnification for Unemployment Compensation

CONTRACTOR agrees that it is an independent CONTRACTOR and not an agent of the CITY, and that CONTRACTOR is subject, as an employer, to all applicable Unemployment Compensation Statutes, so as to relieve CITY of any responsibility or liability from treating CONTRACTOR's employees as employees of CITY for the purpose of keeping records, making reports or payments of Unemployment Compensation taxes or contributions. CONTRACTOR further agrees to indemnify and hold CITY harmless and reimburse it for any expenses or liability incurred under said Statutes in connection with employees of CONTRACTOR.

Section 13. Indemnification for Performance

CONTRACTOR shall defend and indemnify CITY against and hold CITY and the premises harmless from claims, suits or liens based upon or alleged to be based upon the non- payment of labor, tools, materials, equipment, supplies, transportation, and management costs incurred by CONTRACTOR in performing this Contract and subject to the limitations in the Texas Local Government Code 271.904.

Section 14. Assignment-Delegation

The Contract shall be binding upon and ensure to the benefit of the CITY and the CONTRACTOR and their respective successors and assigns, provided however, that no right or interest in the Contract shall be assigned and no obligation shall be delegated by the CONTRACTOR without the prior written consent of the CITY. Any attempted assignment or delegation by the CONTRACTOR shall be void unless made in conformity with this paragraph. The Contract is not intended to confer rights or benefits on any person, firm, or entity not a party hereto; it being the intention of the parties that there are no third-party beneficiaries to the Contract.

The Vendor shall notify the CITY's Chief Procurement Officer, in writing, of a company name, ownership, or address change for the purpose of maintaining updated CITY records. The president of the company or authorized official must sign the letter. A letter indicating changes in a company name or ownership must be accompanied with supporting legal documentation such as an updated W-9, documents filed with the state indicating such change, copy of the board of director's resolution approving the action, or an executed merger or acquisition contract. Failure to do so may adversely impact future invoice payments.

Section 15. Jurisdiction, Venue, Applicable Laws

The Contract is made under and shall be governed by the laws of the State of Texas, including, when applicable, the Uniform Commercial Code as adopted in Texas, V.T.C.A., Bus. & Comm. Code, Chapter 1, excluding any rule or principle that would refer to and apply the substantive law of another state or jurisdiction. All Parties shall comply with all Federal, State, County and Municipal laws, ordinances, regulations, safety orders, resolutions and building codes relating or applicable to services to be performed under this Contract. The laws of the State

of Texas shall govern this Contract; and venue for any action concerning this Contract shall be in the State District Court of Dallas County, Texas. The parties agree to submit to the personal and subject matter jurisdiction of said court. The foregoing, however, shall not be construed or interpreted to limit or restrict the right or ability of the CITY to seek and secure injunctive relief from any competent authority as contemplated herein.

Section 16. Interpretation

The Contract is intended by the parties as a final, complete, and exclusive statement of the terms of their contract. No course of prior dealing between the parties or course of performance or usage of the trade shall be relevant to supplement or explain any term used in the Contract. Although the Contract may have been substantially drafted by one party, it is the intent of the parties that all provisions be construed in a manner to be fair to both parties, reading no provisions more strictly against one party or the other. Whenever a term defined by the Uniform Commercial Code, as enacted by the State of Texas, is used in the Contract, the UCC definition shall control, unless otherwise defined in the Contract.

Section 17. Dispute Resolution

If a dispute arises out of or relates to the Contract, or the breach thereof, the parties agree to negotiate prior to prosecuting a suit for damages. However, this section does not prohibit the filing of a lawsuit to toll the running of a statute of limitations or to seek injunctive relief. Either party may make a written request for a meeting between representatives of each party within fourteen (14) calendar days after receipt of the request or such later period as agreed by the parties. Each party shall include, at a minimum, one (1) senior level individual with decision-making authority regarding the dispute. The purpose of this and any subsequent meeting is to attempt in good faith to negotiate a resolution of the dispute. If, within thirty (30) calendar days after such a meeting, the parties have not succeeded in negotiating a resolution of the dispute, they will proceed directly to mediation as described below. Negotiation may be waived by a written contract signed by both parties; in which event the parties may proceed directly to mediation as described below.

If the efforts to resolve the dispute through negotiation fail, or the parties waive the negotiation process, the parties may select, within thirty (30) calendar days, a mediator trained in mediation skills to assist with resolution of the dispute. Should they choose this option; the CITY and the CONTRACTOR agree to act in good faith in the selection of the mediator and to give consideration to qualified individuals nominated to act as mediator. Nothing in the Contract prevents the parties from relying on the skills of a person who is trained in the subject matter of the dispute or a contract interpretation expert. If the parties fail to agree on a mediator within thirty (30) calendar days of initiation of the mediation process, the mediator shall be selected by the Dallas County Alternative Dispute Resolution Program (DCAP). The parties agree to participate in mediation in good faith for up to thirty (30) calendar days from the date of the first mediation session. The CITY and the CONTRACTOR will share the mediator's fees equally and the parties will bear their own costs of participation such as fees for any consultants or attorneys they may utilize to represent them or otherwise assist them in the mediation.

Section 18. Default

In the event CONTRACTOR fails to comply or becomes disabled and unable to comply with

the provisions of this Contract as to the failure to commence the services, failure to diligently provide services in the quality or character of the service, failure to provide services in an efficient, timely, and careful manner, failure to provide or use an adequate number or quality of personnel to complete the services, failure to provide adequate equipment, or fail to perform any of the CONTRACTOR obligations under this contract, and the failure is not corrected within ten (10) days after written notice by CITY to CONTRACTOR, CITY may, at its sole discretion without prejudice to any other right or remedy:

A. Immediately terminate this contract and complete the services in any manner CITY deems acceptable, including engaging the services of other contractors, and shall be relieved of the payment of any further consideration to CONTRACTOR except for all services determined by CITY to be satisfactorily completed prior to termination. Payment for services satisfactorily completed shall be for actual costs, including reasonable salaries and travel expenses of CONTRACTOR to and from meetings called by CITY at which CONTRACTOR is required to attend, but shall not include any loss of profit of CONTRACTOR. In the event of such termination, CITY may proceed to complete the services in any manner deemed proper by CITY, either by the use of its own forces or by resubletting to others.

B. CITY may, without terminating this Contract or taking over the services, furnish the necessary materials, equipment, supplies and/or help necessary to remedy the situation, at the expense of CONTRACTOR.

C. Any such act by the CITY shall not be deemed a waiver of any other right or remedy of the CITY.

Section 19. Adjustments in Services

No claims for extra services, additional services, modifications, or changes in the services will be made by CONTRACTOR without a written contract with CITY prior to the performance of such services. The Contract can be modified or amended only in writing as signed by both parties. No pre-printed or similar terms on any the CONTRACTOR invoice, order or other document shall have any force or effect to change the terms, covenants, and conditions of the Contract.

Section 20. Execution becomes Effective.

This Contract will be effective upon execution of the Contract by and between CONTRACTOR and CITY.

Section 21. Contract Amendments

This Contract contains the entire understanding of the parties with respect to the subject matter hereof and there are no oral understandings, statements or stipulations bearing upon the meaning or effect of this Contract which have not been incorporated herein. This Contract may only be modified, amended, supplemented, or waived by a written instrument executed by the parties except as may be otherwise provided therein.

Section 22. Invalidity and Severability

In the event any one or more of the provisions contained in this Contract shall for any reason be held to be invalid, illegal, or unenforceable in any respect, such invalidity, illegality, or

unenforceability shall not affect any other provisions, and the Contract shall be construed as if such invalid, illegal, or unenforceable provision had never been contained in it.

Section 23. Independent CONTRACTOR

It is understood and agreed by and between the parties that CONTRACTOR in satisfying the conditions of this Contract, is acting independently, and that the CITY assumes no responsibility or liabilities to any third party in connection with CONTRACTOR's actions. All services to be performed by CONTRACTOR pursuant to this Contract shall be in the capacity of an independent CONTRACTOR, and not as an agent or employee of CITY. CONTRACTOR shall supervise the performance of its services and shall be entitled to control the manner and means by which its services are to be performed, subject to the terms of this Contract. There is no intended third-party beneficiary to this Contract.

Section 24. Notice

Any notice required or permitted to be delivered hereunder may be sent by first class email, overnight, and courier to the address specified below, or to such other party or address as either party may designate in writing, and shall be deemed received three (3) days after delivery set forth herein:

If to CITY:
City of Duncanville
Attn: Chief Procurement Officer
PO Box 380280
Duncanville, TX 75138
(972) 780-5850
purchasing@duncanvilletx.gov

If to PROFESSIONAL:
Kimley-Horn and Associates, Inc.
PO Box 951640
Dallas, Texas 75395-1640
(817) 339-2265
Attn: Kenzie Porter, PLA, LI
kenzie.porter@kimley-horn.com

Section 25. Business Prohibitions and Requirements

1. **Prohibition on Contracts with Companies Boycott of Israel**

By executing this contract, CONTRACTOR verifies that it does not Boycott Israel, and agrees that during the term of this Contract will not Boycott Israel as that term is defined in Texas Government Code Section 808.001, as amended.

2. **Transactions with an Abortion Provider or Affiliate**

CONTRACTOR certifies that it is not an abortion provider nor an affiliate of such a provider as noted in Texas SB 22, codified in Texas Government Code Chapter 2272, and effective September 1, 2019. If this provision is violated by Contractor, Contract and/or taxpayer resource transaction is voidable by CITY and Offeror agrees to defend and indemnify CITY against any action brought by the Office of the Attorney General for a violation of Section

2272.003. https://www.texasattorneygeneral.gov/abortion-provider-affiliate-transactions-prohibited#:~:text=Except%20as%20otherwise%20specified%20in,affiliate%20of%20an%20abortion%20provider.

3. **Prohibition against doing business with Foreign Terrorist Organizations**
By executing this contract, CONTRACTOR verifies that, pursuant to Texas Government Code, Chapter 2252, Section 2252.152, and Section 2252.153, it does not appear on the Comptroller of the State of Texas listing of companies which do business with Iran, Sudan, or any Foreign Terrorist Organization, as identified under Section 806.051, Section 807.051 or Section 2253.253, listing of companies.

4. **Discrimination Against Firearm & Ammunition Industries**
Vendor certifies and verifies that (1)neither Vendor, nor any affiliate, subsidiary or parent company of Vendor, if any (the "Vendor Companies"), does not have a written or unwritten internal practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association based solely on its status as a firearm entity or firearm trade association and (2) Vendor agrees that Vendor and Vendor Companies will not discriminate during the term of the contract against a firearm entity or firearm trade association based solely on its status as a firearm entity or firearm trade association during the term of this contract pursuant to the provisions of Texas Government Code Chapter 2274.For purposes of this Contract, the term ""Discriminate against a firearm entity or firearm trade association" shall have the meaning defined in Texas Government Code Chapter 2274.

5. **Boycotting of Energy Companies**
Vendor certifies and verifies that it is not a company identified on the Texas Comptroller's list of companies known to boycott energy companies, as defined in Texas Government Code Chapter 809. Vendor further certifies and verifies that neither Vendor, nor any affiliate, subsidiary, or parent company of Vendor, if any (the "Vendor Companies"), boycotts energy companies and Vendor agrees that Vendor and Vendor Companies will not boycott energy companies during the term of this contract pursuant to the provisions of Texas Government Code Chapter 809. For purposes of this Contract, the term "boycott energy company" shall have the meaning defined in the Texas Government Code Chapter 80.

6. **Certificate of Interested Parties Electronic Filing (See Exhibit C)**
No officer, employee, independent consultant, or elected official of the CITY who is involved in the development, evaluation, or decision-making process of the performance of any solicitation or contract shall have a financial interest, direct or indirect, in the Contract resulting from that solicitation or proposal. Any violation of this provision, with the knowledge, expressed or implied, of the CONTRACTOR shall render the Contract voidable by the CITY. In 2015, the Texas Legislature adopted House Bill 1295, which added section 2252.908 of the Government Code. The law states that the CITY of Duncanville may not enter into this contract unless the CONTRACTOR submits a disclosure of interested parties (Form 1295) to the CITY at the time the CONTRACTOR submits the signed contract. The Texas Ethics Commission has adopted rules requiring the business entity to file Form 1295 electronically with the Commission. CONTRACTOR will be required to furnish a Certificate of Interest Parties before the contract is awarded, in accordance with Government Code 2252.908.

https://www.ethics.state.tx.us/filinginfo/1295/

The CITY must acknowledge the receipt of the filed Form 1295 not later than the 30th day after Council award. Once a Form 1295 is acknowledged, it will be posted to the Texas Ethics Commission's website within seven business days.

Section 26. Funding and Non-Appropriation Clause

The awarding or continuation of this contract is dependent upon the availability of funding. The City's payment obligations are payable only and solely from funds appropriated and available for this Contract. CONTRACTOR recognizes that the continuation of any multi-year contract after the close of, or during, any given fiscal year of the CITY, which fiscal year ends on September 30 of each year, shall be subject to Council budget approval of the CITY providing for or covering such contract as an expenditure therein. Should funding not be approved by the City Council for any given budget year during the contract term, the contract will terminate and become null and void; however, any services performed, and approved to date shall be paid.

The CITY shall provide the CONTRACTOR written notice of the failure of the CITY to make an adequate appropriation for any fiscal year to pay the amounts due under the multi-year contract, or the reduction of any appropriation to an amount insufficient to permit the CITY to pay its obligations under the Contract. In the event of none or inadequate appropriation of funds, there will be no penalty nor removal fees charged to the CITY.

Section 27. Revisions of Scope of Services and Workplan

In response to changes in needs of the project, CITY reserves the right to direct substantial revision to the scope of services initially agreed, including changes to the drawings, specifications, or other project documents after due approval by CITY, as CITY may deem necessary. In such event, CITY shall pay CONTRACTOR its regular compensation for services rendered in making such revisions, provided such compensation is customarily reasonable. When CONTRACTOR is directed to make substantial revisions under this section of the contract, CONTRACTOR shall provide to CITY a written proposal for the entire costs involved and the completion time involved in providing the revisions. CITY shall not knowingly require any revision that is illegal or that violates the professional ethics of CONTRACTOR. Prior to CONTRACTOR undertaking any substantial revision as directed by CITY, CITY must authorize in writing the nature and scope of the revisions and accept the method and amount of compensation and the time involved in all phases of the services.

Section 28. Right to Inspect/Audit Records

CONTRACTOR agrees that CITY shall, until the expiration of three (3) years after final payment under this contract, have access to and the right to examine any directly pertinent books, documents, papers, and records of CONTRACTOR involving transactions relating to this contract. CONTRACTOR agrees that CITY shall have access during normal working hours to all necessary CONTRACTOR facilities and shall be provided with adequate and appropriate workspace in order to conduct audits in compliance with the provisions of this section. CITY shall give CONTRACTOR reasonable advance notice of intended audits no less than 3 business day(s). CONTRACTOR further agrees to include in subcontract(s), if any, a

provision that any subcontractor or subcontractors agrees that CITY shall, until the expiration of three (3) years after final payment under any subcontract, have access to and the right to examine any directly pertinent books, documents, papers and records of such subcontractors transactions regarding the CONTRACT, and further, that CITY shall have access during normal working days and hours, and shall give the CONTRACTOR or subcontractor(s) reasonable advance notice of intended audits no less than 3 business day(s).

The CONTRACTOR shall retain all financial records, supporting documents, statistical records, and any other records or books relating to the performances called for in the Contract. The CONTRACTOR shall retain all such records for a period of three (3) years after the expiration of the Contract, or until the Federal Auditor, CPA or State Auditor's Office is satisfied that all audit and litigation matters are resolved, whichever period is longer. The CONTRACTOR shall grant access to all books, records, and documents pertinent to the Contract to the Federal Auditor, CPA, the State Auditor of Texas, and any federal governmental entity that has authority to review records due to federal funds being spent under the Contract.

Section 29. Successors and Assigns

CITY and CONTRACTOR each bind itself and its successors, executors, administrators and assigns to the other party of this contract and to the successor, executors, administrators and assigns of such other party in respect to all covenants of this contract. Neither CITY nor CONTRACTOR shall assign or transfer its interest herein without the prior written consent of the other.

Section 30. Disclosure of No Conflicts of Interest (Exhibit B)

By signing this contract, CONTRACTOR acknowledges to CITY that it has made full disclosure in writing of any existing conflicts of interest or potential conflicts of interest, including personal financial interests, direct or indirect, in property abutting the proposed project and business relationships with abutting property owners. CONTRACTOR further agrees that it will make disclosure in writing of any conflicts of interest which develop subsequent to the signing of this contract and prior to final payment under the contract.

Section 31. Workforce

A. The CONTRACTOR shall employ only orderly and competent workers, skilled in the performance of the services which they will perform under the Contract.

B. While in the course and scope of delivering goods or services under a City of Duncanville contract or on the CITY's property, a Contractor shall not:

1. use or possess a firearm, including a concealed handgun that is licensed under state law, except as required by the terms of the contract; or
2. use or possess alcoholic or other intoxicating beverages, illegal drugs or controlled substances, nor may such workers be intoxicated, or under the influence of alcohol or drugs, on the job.

C. If the CITY or the CITY's representative notifies the CONTRACTOR that any worker is incompetent, disorderly, or disobedient, has knowingly or repeatedly violated safety

regulations, has possessed any firearms, or has possessed or was under the influence of alcohol or drugs on the job, the CONTRACTOR shall immediately remove such worker from Contract services, and may not employ such worker again on Contract services without the CITY's prior written consent.

Section 32. **Compliance with Health, Safety, and Environmental Regulations.**
The CONTRACTOR, its Subcontractors, and their respective employees, shall comply fully with all applicable federal, state, and local health, safety, and environmental laws, ordinances, rules, and regulations in the performance of the services, including but not limited to those promulgated by the CITY and by the Occupational Safety and Health Administration (OSHA). In case of conflict, the most stringent safety requirement shall govern. The CONTRACTOR shall indemnify and hold the CITY harmless from and against all claims, demands, suits, actions, judgments, fines, penalties, and liability of every kind arising from the breach of the CONTRACTOR's obligations under this paragraph.

Environmental Protection: The CONTRACTOR shall be in compliance with all applicable standards, orders, or regulations issued pursuant to the mandates of the Clean Air Act (42 U.S.C. §7401 *et seq*.) and the Federal Water Pollution Control Act, as amended, (33 U.S.C. §1251 *et seq*.).

Section 33. **Immigration Control and Employment Verification**
Employment eligibility verification: The immigration Reform and Control Act of 1986 (IRCA) makes it illegal for employers to knowingly hire or recruit immigrants who do not possess lawful work authorization and requires employers to verify their employees' work eligibility on a U.S. Department of Justice Form I-9. The CONTRACTOR warrants that CONTRACTOR is in compliance with IRCA during the term of this contract with the CITY. The CONTRACTOR warrants that the CONTRACTOR has included or will include a similar provision in all written contracts with any Subcontractor(s) engaged to perform services under this Contract.

Section 34. **Non-Discrimination and Equal Employment Opportunity**
CONTRACTOR shall not discriminate against any employee or applicant for employment because of race, age, color, religion, sex, ancestry, national origin, place of birth or disability. CONTRACTOR shall take affirmative action to ensure that applicants and employees are treated during their employment or recruitment, without regard to their race, age, color, religion, sex, ancestry, national origin, place of birth or disability. This action shall include but not be limited to employment, upgrading, demotion, transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation and selection of training, including apprenticeship.

Section 35. **Non-Suspension or Debarment Certification.**
The CITY is prohibited from contracting with or making prime or sub-awards to parties that are suspended or debarred or whose principals are suspended or debarred from Federal, State, or City of Duncanville Contracts. By accepting a Contract with the CITY, the CONTRACTOR certifies that its firm and its principals are not currently suspended or debarred from doing business with the Federal Government, as indicated by the General Services Administration List of Parties Excluded from Federal Procurement and Non-Procurement Programs, the State of

Texas, or the City of Duncanville.

CONTRACTOR certifies that it is not listed in the prohibited vendors list authorized by Executive Order No. 13224, "Blocking Property and Prohibiting Transactions with Persons who Commit, Threaten to Commit, or Support Terrorism", published by the United States Department of Treasury, Office of Foreign Assets Control.

Section 36. Public Information Act.
Information, documentation, and other material in connection with this contract may be subject to public disclosure pursuant to Chapter 552 of the Texas Government Code (the "Public Information Act"). In accordance with the provisions of Section 2252.907 of the Texas Government Code, the CONTRACTOR is required to make any information created or exchanged with the CITY pursuant to the contract, and not otherwise excepted from disclosure under the Texas Public Information Act, available in a format that is accessible by the public at no additional cost to the CITY. This information will be provided to the City's Public Information Officer. The cost of preparation of such information requests will be tabulated and billed to the CITY. The CONTRACTOR shall mark "cost schedules and determinations of cost" submitted to the CITY as "CONFIDENTIAL".

Section 37. Counterparts.
This Contract may be executed by the parties hereto in separate counterparts, each of which when so executed and delivered shall be an original, but all such counterparts shall together constitute one and the same instrument. Each counterpart may consist of any number of copies hereof each signed by less than all, but together signed by all of the parties hereto.

Section 38. Exhibits
The Exhibits attached hereto are incorporated herein and made a part hereof for all purposes.

Section 39. Survival of Obligations
Any of the representations and obligations of the parties, as well as any rights and benefits of the parties pertaining to a period of time following the termination of this Contract shall survive termination.

Section 40. Place and Condition of Work
The CITY shall provide the CONTRACTOR with access to the sites where the CONTRACTOR may perform the services in a timely and efficient manner, and in accordance with and subject to the applicable security laws, rules, and regulations. The CONTRACTOR acknowledges that it has satisfied itself as to the nature of the CITY's service requirements and specifications, the location and essential characteristics of the work sites, the quality and quantity of materials, equipment, labor, and facilities necessary to perform the services, and any other condition or state of fact which could in any way affect performance of the CONTRACTOR's obligations under the contract. The CONTRACTOR hereby releases and holds the CITY harmless from and against any liability or claim for damages of any kind or nature if the actual site or service conditions differ from the expected conditions.

The CONTRACTOR shall, at all times, exercise reasonable precautions for the safety of their

employees, CITY Staff, participants, and others on or near the CITY's facilities.

Section 41. Headings

The headings of this Contract are for the convenience of reference only and shall not affect in any manner any of the terms and conditions hereof.

Section 42. Buy American Act and Domestic Preference

As appropriate, and to the extent consistent with law, the CONTRACTOR shall, to the greatest extent practicable, provide a preference for the purchase, acquisition, or use of goods, products, or materials produced in the United States. This includes, but is not limited to iron, aluminum, steel, cement, and other manufactured products.

The following federally funded requirements are applicable in accordance with the Buy-American Act.

A. Definitions. As used in this paragraph:

i. "Component" means an article, material, or supply incorporated directly into an end product.

ii. "Cost of components" means -

(1) For components purchased by the CONTRACTOR, the acquisition cost, including transportation costs to the place of incorporation into the end product (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the CONTRACTOR, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the end product.

iii. "Domestic end product" means-

(1) An unmanufactured end product mined or produced in the United States; or

(2) An end product manufactured in the United States, if the cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind as those that the agency determines are not mined, produced, or manufactured in sufficient and reasonably available commercial quantities of a satisfactory quality are treated as domestic. Scrap generated, collected, and prepared for processing in the United States is considered domestic.

iv. "End product" means those articles, materials, and supplies to be acquired under the contract for public use.

v. "Foreign end product" means an end product other than a domestic end product.

vi. "United States" means the 50 States, the District of Columbia, and outlying areas.

B. The Buy American Act (41 U.S.C. 10a - 10d) provides a preference for domestic end products for supplies acquired for use in the United States.

C. The CITY does not maintain a list of foreign articles that will be treated as domestic for this Contract; but will consider for approval foreign articles as domestic for this product if the articles are on a list approved by another Governmental Agency. The Offeror shall submit documentation with their Offer demonstrating that the article is on an approved Governmental list.

D. The CONTRACTOR shall deliver only domestic end products except to the extent that it specified delivery of foreign end products in the provision of the Solicitation entitled "Buy

American Act Certificate".

Section 43. Compliance with all State, Federal, and Local Laws

The CONTRACTOR shall exercise the standard of care to comply with all applicable and published State, Federal (including Executive Orders), and Local laws, and requirements. The CONTRACTOR must comply with all applicable laws at all times, including, without limitation, the following: (i) §36.02 of the Texas Penal Code, which prohibits bribery; (ii) §36.09 of the Texas Penal Code, which prohibits the offering or conferring of benefits to public servants. The CONTRACTOR shall give all notices and comply with all laws and regulations applicable to the furnishing and performance of the Contract.

Section 44. Federal, State, And local requirements

CONTRACTOR shall demonstrate on-site compliance with the Federal Tax Reform Act of 1986, Section 1706, amending Section 530 of the Revenue Act of 1978, dealing with issuance of Form W-2's to common law employees. CONTRACTOR is responsible for both federal and State unemployment insurance coverage and standard Workers' Compensation insurance coverage. CONTRACTOR shall ensure compliance with all federal and State tax laws and withholding requirements. The CITY of Duncanville shall not be liable to CONTRACTOR or its employees for any Unemployment or Workers' Compensation coverage, or federal or State withholding requirements. CONTRACTOR shall indemnify the CITY of Duncanville and shall pay all costs, penalties, or losses resulting from CONTRACTOR's omission or breach of this Section.

Section 45. Drug-Free Workplace

The CONTRACTOR shall comply with the applicable provisions of the Drug-Free Work Place Act of 1988 (Public Law 100-690, Title V, Subtitle D; 41 U.S.C. 701 ET SEQ.) and maintain a drug-free work environment; and the final rule, government-wide requirements for drug-free work place (grants), issued by the Office of Management and Budget and the Department of Defense (32 CFR Part 280, Subpart F) to implement the provisions of the Drug-Free Work Place Act of 1988 is incorporated by reference and the CONTRACTOR shall comply with the relevant provisions thereof, including any amendments to the final rule that may hereafter be issued.

Section 46. Contractor Liability for Damage to Government Property

The CONTRACTOR shall be liable for all damages to government-owned, leased, or occupied property and equipment caused by the CONTRACTOR and its employees, agents, subcontractors, and suppliers, including any delivery or cartage company, in connection with any performance pursuant to the Contract. The CONTRACTOR shall notify the CITY of Duncanville Chief Procurement Officer in writing of any such damage within one (1) calendar day.

Section 47. Force Majeure

The CITY of Duncanville, any Customer, and the CONTRACTOR shall not be responsible for performance under the Contract should it be prevented from performance by an act of war, order of legal authority, act of God, fire, or other unavoidable cause not attributable to the fault or negligence of the CITY of Duncanville. In the event of an occurrence under this Section, the

CONTRACTOR will be excused from any further performance or observance of the requirements so affected for as long as such circumstances prevail, and the CONTRACTOR continues to use commercially reasonable efforts to recommence performance or observance whenever and to whatever extent possible without delay. The CONTRACTOR shall immediately notify the CITY of Duncanville **Chief Procurement Officer** by telephone (to be confirmed in writing within five (5) calendar days of the inception of such occurrence) and describe at a reasonable level of detail the circumstances causing the non-performance or delay in performance.

Section 48. Non-Waiver of Rights

Failure of a Party to require performance by another Party under the Contract will not affect the right of such Party to require performance in the future. No delay, failure, or waiver of either Party's exercise or partial exercise of any right or remedy under the Contract shall operate to limit, impair, preclude, cancel, waive, or otherwise affect such right or remedy. A waiver by a Party of any breach of any term of the Contract will not be construed as a waiver of any continuing or succeeding breach.

Section 49. No Waiver of Sovereign Immunity

The Parties expressly agree that no provision of the Contract is in any way intended to constitute a waiver by the CITY of Duncanville of any immunities from suit or from liability that the CITY of Duncanville may have by operation of law.

Section 50. Confidentiality

In order to provide the deliverables to the CITY, CONTRACTOR may require access to certain of the CITY's and/or its licensors' confidential information (including inventions, employee information, trade secrets, confidential know-how, confidential business information, and other information which the CITY or its licensors consider confidential) (collectively, "Confidential Information"). CONTRACTOR acknowledges and agrees that the Confidential Information is the valuable property of the CITY and/or its licensors and any unauthorized use, disclosure, dissemination, or other release of the Confidential Information will substantially injure the CITY and/or its licensors. The CONTRACTOR (including its employees, subcontractor's, agents, or representatives) agrees that it will maintain the Confidential Information in strict confidence and shall not disclose, disseminate, copy, divulge, recreate, or otherwise use the Confidential Information without the prior written consent of the CITY or in a manner not expressly permitted under this Contract, unless the Confidential Information is required to be disclosed by law or an order of any court or other governmental authority with proper jurisdiction, provided the CONTRACTOR promptly notifies the CITY before disclosing such information so as to permit the CITY reasonable time to seek an appropriate legal remedy. The CONTRACTOR agrees to use protective measures no less stringent than the CONTRACTOR uses within its own business to protect its own most valuable information, which protective measures shall under all circumstances be at least reasonable measures to ensure the continued confidentiality of the Confidential Information.

Section 51. Non-Publicity

City of Duncanville and Consultant agree not to disclose the existence or contents of this Contract to any third party without the prior written consent of the other party except: (a) to its

advisors, attorneys or auditors who have a need to know such information, (b) as required by law or court order, (c) as required in connection with the reorganization of a party, or its merger into any other corporation, or the sale by a party of all or substantially all of its properties or assets, or (d) as may be required in connection with the enforcement of this Contract.

Section 52. No Warranty by City Against Infringements

The CONTRACTOR represents to the CITY that: (i) the CONTRACTOR shall provide the CITY the deliverables and (ii) the deliverables supplied by the CONTRACTOR in accordance with the specifications in the Contract will not infringe, directly or contributorily, any patent, trademark, copyright, trade secret, or any other intellectual property right of any kind of any third party; that no claims have been made by any person or entity with respect to the ownership or operation of the deliverables and the CONTRACTOR does not know of any valid basis for any such claims. The CONTRACTOR shall, at its sole expense, defend, indemnify, and hold the CITY harmless from and against all liability, damages, and costs (including court costs and reasonable fees of attorneys and other professionals) arising out of or resulting from: (i) any claim that the CITY's exercise anywhere in the world of the rights associated with the CITY's' ownership, and if applicable, license rights, and its use of the deliverables infringes the intellectual property rights of any third party; or (ii) the CONTRACTOR's breach of any of CONTRACTOR's representations or warranties stated in this Contract. In the event of any such claim, the CITY shall have the right to monitor such claim or at its option engage its own separate counsel to act as co-counsel on the CITY's behalf. Further, CONTRACTOR agrees that the CITY's specifications regarding the deliverables shall in no way diminish CONTRACTOR's warranties or obligations under this paragraph and the CITY makes no warranty that the production, development, or delivery of such deliverables will not impact such warranties of CONTRACTOR.

Section 53. Warranty-Services

The Consultant represents that all services to be provided to the City of Duncanville under the Contract will be fully and timely performed with the professional skill and care ordinarily provided by competent architects or engineers practicing under the same or similar circumstances and professional license and all applicable Federal, State, and local laws, rules, or regulations. The CONTRACTOR makes no warranty, express or implied, as to its professional services rendered under this agreement.

Section 54. Byrd Anti-Lobbying Act Requirements

The CONTRACTOR hereby certifies, for contracts exceeding $100,000, that no federal appropriated funds from this contract shall be used to pay any person or organization for influencing or attempting to influence an officer, or employee of any Local, State, or Federal agency, or a Member of Congress an officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, loan, grant, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement, or any other award cover by 31 U.S.C. 1352.

If any funds other than federal appropriated funds have been paid or will be paid to any person

for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit **Standard Form-LLL, "Disclosure Form to Report Lobbying**," in accordance with its instructions.

Section 55. Clean Air Act Requirements

In accordance with the provisions of the Federal Clean Air Act (42 U.S.C. 7401–7671q.) and the Federal Water Pollution Control Act (33 U.S.C. 1251–1387), as amended, for contracts in excess of $150,000, the CONTRACTOR certifies that it shall comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401–7671q) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251–1387). Violations must be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

Section 56. Solid Waste Disposal Act

In the performance of this contract, the CONTRACTOR shall make maximum use of products containing recovered materials that are EPA designated items unless the product cannot be acquired competitively within a timeframe providing for compliance with the contract performance schedule, meeting contract performance requirements, or at a reasonable price. The CONTRACTOR also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act."

Section 57. Claims

If any claim, demand, suit, or other action is asserted against the CONTRACTOR which arises under or concerns the Contract, or which could have a material adverse effect on the CONTRACTOR's ability to perform thereunder, the CONTRACTOR shall give written notice thereof to the CITY within ten (10) calendar days after receipt of notice by the CONTRACTOR. Such notice to the CITY shall state the date of notification of any such claim, demand, suit, or other action; the names and addresses of the claimant(s); the basis thereof; and the name of each person against whom such claim is being asserted. Such notice shall be delivered personally or by mail and shall be sent to the Duncanville Chief Procurement Officer. Personal delivery to the CITY is defined in the Notices section.

Section 58. Compliance with the Copeland Anti-Kickback Act

The contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. Part 3 as may be applicable, which are incorporated by reference into this contract.

Section 59. Prohibition on Contracting for Covered Telecommunications Equipment or Services

The CONTRACTOR shall comply with Section 889(b) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019, Pub. L. No. 115-232, and 2 C.F.R. § 200.216 which prohibits the head of an executive agency on or after Aug.13, 2020, from obligating or expending grant, cooperative agreement, loan, or loan guarantee funds on certain telecommunications products or from certain entities for national security reasons. Provided Technology is procured through this Contract, the CONTRACTOR shall be required to complete and submit Federal Form NDAA-899.

Section 60. Entire Contract

This contract embodies the complete contract of the parties hereto, superseding all oral or written previous and contemporary contracts between the parties relating to matters herein; and except as otherwise provided herein, cannot be modified without written contract of the parties.

Section 61. Pass Down Language Requirement

Provided the CONTRACTOR utilizes any subcontractors in the performance of this contract, the CONTRACTOR shall require the subcontractor to adhere and comply with the terms and conditions of this Contract by incorporating such into a written contract between the CONTRACTOR and the subcontractor.

Conflicts of Language: Should a conflict arise between any of the contract documents, it shall be resolved with the following order of precedence (if applicable). In any event, the final negotiated contract shall take precedence over any and all contract documents to the extent of such conflict.

1. Final negotiated contract
2. RFP/Bid documents
3. CITY's standard terms and conditions
4. Purchase order.
5. Proposal documents and CONTRACTOR terms and conditions

(Signature follows this page)

EACH PARTY ACKNOWLEDGES THAT, IN EXECUTING THIS CONTRACT, SUCH A PARTY HAS HAD THE OPPORTUNITY TO SEEK THE ADVICE OF INDEPENDENT LEGAL COUNSEL AND HAS READ AND UNDERSTOOD ALL OF THE TERMS AND PROVISIONS OF THIS CONTRACT. THIS CONTRACT SHALL NOT BE CONSTRUED AGAINST ANY PARTY BY REASON OF DRAFTING OR PREPARATION HEREOF.

This Contract may be executed in multiple counterparts, including by fax or email, each an original, but all considered part of one Contract. The parties agree to transact business electronically. Any statutory requirements that certain terms be in writing will be satisfied using electronic documents and signing. Electronic signing of this document will be deemed original for all legal purposes. IN WITNESS WHEREOF, the parties of these presents have executed this contract in the year and day first above written.

CITY OF DUNCANVILLE, TEXAS	**KIMLEY-HORN AND ASSOCIATES, INC.**
	Bradley J Hill
Authorized Signature	**Authorized Signature**
Name: Doug Finch **Title: City Manager**	**Name: Bradley J. Hill** **Title: Regional Contract Lead**
	May 20, 2024
Date	**Date**
972-780-5058	214-346-6268
Phone Number	**Phone Number**
purchasing@duncanvilletx.gov	kenzie.porter@kimley-horn.com
Email Address	**Email Address**
	TEXAS ETHICS COMMISSION CERTIFICATE NUMBER

Exhibit A – Scope of Services, Deliverables, and Schedule

May 10, 2024

Elton Brock, MBA, CTPM, CTCM, CPSM, C.P.M.

Chief Procurement Officer 203 E. Wheatland Road Duncanville, Texas 75116

Re: Duncanville Dog Park Master Plan Design Services Duncanville, Texas

Professional Services Agreement

Dear Mr. Brock:

Kimley-Horn and Associates, Inc. ("Consultant"), is pleased to submit this letter agreement (the "Agreement") to the City of Duncanville ("City") for the development of Master Plan for Duncanville Dog Park, located at 805 W. Wheatland Road, Duncanville, TX.

PROJECT UNDERSTANDING

The Consultant understands the City Parks and Recreation Department intends to prepare a master plan for a dog park, a cost estimate, and phasing plan. The site area is approximately 5.9 acres and will be the City's first dog park. It is our understanding the park size will not exceed the current footprint. The amenities for the park will be determined by the City, Consultant, stakeholder groups, and public through facilitated meetings, illustrated on the concept plan, and programmed into the final document.

Assumptions

- City will coordinate and schedule all meetings with stakeholders and public.
- Publicly available GIS data will be utilized for base plan development along with data provided by the city prior to completion of Task 1.5.
- City will provide any site boundary survey, subsurface utility survey, or wetland survey or delineation to the consultant team.

INFORMATION PROVIDED BY THE CITY

Consultant shall be entitled to rely on the completeness and accuracy of all information provided by the City. Consultant's scope of services includes the use of several documents and other information developed by others.

These items include:

- City parks signage details
- Environmental testing
- Existing survey information for adjacent sites
- Available record drawings for adjacent sites and roadways
- Record drawings or floorplans of existing adjacent park structures, roads, parking lots.
- Location of existing underground utilities
- Executed copy of this agreement

SCOPE OF SERVICES

Consultant will provide the services specifically set forth below.

Task 1 Data Collection and Draft Master Plan $30,000 (Lump Sum)

1.1, Project Kickoff and Coordination. In addition to the specific services detailed in this Scope of Services, Consultant will manage the contract and monitor the project schedule and deliverables. Consultant will provide timely invoicing and reporting of project progress to the City.

A project kick-off initiation call between City staff and Consultant shall be conducted before commencement of Task 1.2. The call will occur within two (2) weeks of the Notice to Proceed (NTP). The preliminary agenda for the kickoff will consist of:

- Scope of Services and responsibilities
- Project objectives
- Information needs
- Schedule milestones
- Review of recommended comparisons

Note: Consultant will be responsible for meeting logistics such as online hosting (MS Teams or Zoom) and will document calls with meeting notes. Notes will be submitted to the City for review.

1.2, Physical Site Inventory and Base Map Preparation. Consultant will prepare a base map illustrating the available published data reviewed during the data collection phase. The base map will consist of the following items:

- Base map with aerial; the study area will extend to the extents of the property.
- Easements, as shown in existing surveys and record drawings, if available
- Flood Hazard Areas (FEMA) as published on current FIRMette Maps, if available
- Soils (USDA) as noted on current USDA Soils Maps
- Vegetation including documented wetlands and water bodies, as documented in existing surveys and record drawings.
- Utilities (from City's GIS data)
- Connectivity and circulation from existing adjacent properties
- Programmatic Functional Diagram

One (1) site visit will be performed to review base map, inventory elements, site and adjacent property zoning and land uses, and transportation (roadway and greenway) connectivity. Consultant will rely on all material provided by City to be accurate and complete. Additional work due to incomplete or inaccurate information provided by City may be revised or corrected for additional services upon authorization by City.

1.3, Research of Comparable Facilities. Consultant will spend a maximum of twenty (20) hours conducting research on comparable dog parks and facilities in coordination with the City. Consultant will prepare a summary of research findings with images, diagrams, and lessons learned to be utilized in preparation of the Master Plan Development as part of Task 1.5.

1.1, Opportunities and Constraints Diagram. Based upon the site investigation results, the Consultant will synthesize key findings and prepare a diagram and summary of opportunities and constraints for the proposed development site. The diagram will identify vehicular and pedestrian ingress and egress for the site, floodplains and floodways impacts or restrictions, potential utility connections, potential program limitations, steep slopes, identifiable wetlands, buffer, screening or setback requirements, vegetation types and recommendations for preservation, connections to existing park, and building programming.

Consultant will submit the draft Opportunities and Constraints Diagram to City for review prior to commencing public engagement. City staff will provide one (1) consolidated set of comments to Consultant which will be incorporated into a final set of notes and diagram.

1.2, Draft Master Plan Development. As a derivative of the planning process to-date, Consultant will prepare two (2) conceptual plan packages (good, better, best), highlighting a development based upon site analysis, public input, stakeholder input, and program definition. The package will consist of the following items:

- Two (2) illustrative concept plans
- Preliminary phasing diagram
- Preliminary cost estimates
- Summary of benefits and constraints of each concept

Consultant will submit the package to City for review. City staff will provide one (1) consolidated set of comments for review by Consultant as part of task 1.6.

1.3, Review Session. Consultant will facilitate a meeting with City to review the Draft Master Plan package. Based upon input from City staff documented during the Review Session, Consultant will update materials into one (1) single, preferred plan which will be used to develop the Final Master Plan.

Consultant will submit a draft Master Plan incorporating staff input to City one (1) time for review. City will provide consolidated written comments to Consultant. Consultant will revise materials one (1) time to incorporate comments and provide City with final updated materials.

Task 1 Deliverables - As a result of these tasks, Consultant will produce:

- *One (1) digital PDF set Kick-off Meeting notes {Task 1.1)*
- *One (1) digital PDF Base Map {Task 1.2)*
- *One (1) digital PDF Summary of Comparable Facilities (Task 1.3)*
- *One (1) digital PDF Opportunities and Constraints Diagram (Task 1.4)*
- *One (1) digital PDF set of Draft Master Plan Package {Task 1.5)*
- *One (1) digital PDF set of Review Session notes {Task 1.6)*

Task 2 **Public Engagement and Final Master Plan** **$35,000 (Lump Sum)**

2.1 , Stakeholder Meetings. Consultant will facilitate three (3) in-person stakeholder meetings during the course of the project. This task assumes each stakeholder group will attend each meeting or have a representative present at each meeting. One (1) meeting will follow Task 1.4, prior to the public meeting to review the site inventory findings, key findings and comparable research, opportunities and constraints diagram. One (1) meeting will follow Task 1.5 to review the draft Master Plan. One (1)

meeting will follow Task 2.4 to review the final Master Plan document. Consultant will provide display boards for additional public input opportunities. Below is a list of stakeholder groups to be met with individually during the course of the project:

- Duncanville City Council
- Duncanville Parks Board
- Adjacent and Nearby Property Owners

City shall be responsible for invitations, advertisements, meeting location, and providing American Disability Act (ADA) notices for meeting advertisements. Consultant will provide one draft PowerPoint presentation and one digital copy of display material for each round of meetings for review by City. City is to provide consolidated comments for any materials ten (10) days prior to the meeting for Consultant to incorporate. Consultant will document comments from the public and provide digital set of meeting notes in pdf format to City for record of the meeting. Consultant assumes that presentation materials for stakeholder meetings will also serve for public meetings (Task 2.2).

2.2 , Public Meetings. Consultant will facilitate up to two (2) public meetings throughout the course of the project. One (1) meeting will follow Task 1.6 to review the draft Master Plan. One (1) meeting will follow Task 2.4 to review the final Master Plan document. Consultant will provide display boards for additional public input opportunities.

City shall be responsible for invitations, advertisements, meeting location, and providing ADA notices for meeting advertisements. Consultant will utilize materials prepared for stakeholder meeting for each phase of the project. Consultant will document comments from the public provided during the meeting and provide digital set of meeting notes in pdf format to City for record of the meeting.

2.3 , Review Session. Consultant will meet with City staff one (1) time to review feedback from public and stakeholder engagement meetings. This meeting will determine if changes should be made to the master plan. The Consultant will submit an updated draft Master Plan and PowerPoint presentation incorporating staff input to the City. The Consultant will address one (1) round of consolidated written comments from the City and provide a final package to the City.

2.4 , Final Master Plan. Consultant will prepare a Final Master Plan consisting of the following elements:

- Project Process and Purpose
- Site Location
- Site Information
- Opportunities and Challenges
- Comparable Projects
- Public Open House Meeting Summaries
- Stakeholder Meeting Summaries
- Phased Plan and Budget Level Cost Estimate
- An illustrative of Final Master Plan
- Two (2) plan enlargements

- Two (2) perspectives renderings

Final Master Plan material will reflect revisions or edits authorized by City in order to incorporate findings and recommendations from the project progress.

Updated presentation and display materials (if needed) will be provided to City one (1) time for review and comment prior to presentation to stakeholders and the public. A final PowerPoint presentation will be provided to City for project records.

2.5 , Cost Estimate and Phasing Diagram. Consultant will develop a cost estimate and recommend a phasing diagram for the selected Master Plan. Work will consist of a phasing diagram and MS Excel spreadsheet cost estimate. The Cost Estimate and Phasing Diagram will be submitted one (1) time for City staff review and comment. Consultant will incorporate City comments into a final Cost Estimate and Phasing Diagram for inclusion in the Master Plan document.

Because the Consultant does not control the cost of labor, materials, equipment, or services furnished by others, methods of determining prices, or competitive bidding or market conditions, any opinions rendered as to costs, including but not limited to opinions as to the costs of construction and materials, shall be made on the basis of its experience and represent its judgment as an experienced and qualified professional, familiar with the industry. The Consultant cannot and does not guarantee that proposals, bids, or actual costs will not vary from its opinions of cost.

2.6 , Implementation Plan. Consultant will prepare an Implementation Plan for development of the final Master Plan. The Implementation Plan will consist of:

- Cost estimate
- Recommended construction phasing aligned with project funding goals.
- Projected design fees
- A preliminary phasing schedule and diagram
- Grand funding opportunity coordination, no formal submittals

Consultant will submit the Implementation Plan to City staff for one (1) review. City will provide Consultant with one (1) set of consolidated comments for incorporation. Consultant will complete revisions to the Implementation Plan once.

Task 2 Deliverables - As a result of these tasks, Consultant will produce:

- *One (1) digital PDF set of meeting notes for each meeting {Task 2.1)*
- *One (1) digital PDF set of meeting notes for each meeting (Task 2.2)*
- *One (1) digital copy of updated PowerPoint and PDF display materials (Task 2.3)*
- *One (1) digital PDF Final Master Plan (Task 2.4)*
- *One (1) digital PDF of Cost Estimate and Phasing Diagram (Task 2.5)*
- *One (1) digital PDF Final Implementation Plan {Task 2.6)*
- *One (1) digital PDF of draft and Final Master Plan Presentation Material {Task 2.7)*

Task 3 **Topographic Survey** **$6,000 (Lump Sum)**

3.1 , Survey and Field Crew. The Consultant will prepare a topographic survey for the subject project for the purpose of preparing construction documents. The Consultant will survey existing limits of the park to the middle of W. Venice Dr. to the back of curb on remaining perimeters, and other observed above ground physical features.

The Consultant will prepare an electronic map showing existing contour lines at 1' intervals based on a nominal 50' grid system, along with major grade breaks.

Visible evidence of utilities, including water valves, storm inlets, sewer cleanouts, electrical lines, telephone lines and gas lines will be located. This task does not include subsurface utility locations.

Horizontal and vertical datum will be provided, or the Consultant will use Texas State Plane Coordinate system.

Task 3 Deliverables - As a result of these tasks, Consultant will produce:

- *One (1) digital and one (1) 24"x36" copy of the topographic survey (Task 3.1)*

Task4 **Tree Inventory** **$4,000 (Lump Sum)**

Kimley-Horn will compile previous tree inventories (if provided to us), aerial photos, and other related data for use in the GPS data logger.

Tree data will be collected with a handheld GPS unit and will therefore be mapping grade, not survey grade. For each 6 inch and larger tree (measured 24 inches above the soil surface), in accordance with the City of Duncanville Ordinance, the collected data will consist of:

- GPS coordinates (latitude and longitude in decimal degrees)
- Diameter of trunk measured 24 inches above the soil surface - City standard for multiple stemmed trees.
- Species name (scientific and common)
- General health assessment (healthy, declining, or hazard)
- Tag number - each recorded tree will be physically identified using a pre-numbered aluminum tag.

Utilizing collected GPS data, Kimley-Horn will map and quantify existing trees. The deliverable will consist of a spreadsheet with the collected tree data and a GIS or CAD file showing the approximate locations of the trees collected. Paper maps will also be provided, if requested.

Note: While we will endeavor to tag and locate trees, as described above, it may not be practical to do so. Some *trees may be missed in areas of heavy tree coverage or limited access.*

Task 4 Deliverables - As a result of these tasks, Consultant will produce:

- *One (1) digital and one (1) 24"x36" copy of the tree inventory (Task 4.1)*

ADDITIONAL SERVICES

Consultant can provide the following services, however; they are not included in the limited scope of this Agreement:

1. Flood Study and Flood Modeling
2. Hydrological Analysis / Hydraulic Analysis
3. LOMR Preparation
4. FEMA Permitting
5. Park and Trail design outside of project limits
6. Subsurface Utility Engineering (SUE)
7. Geotechnical Investigation
8. Additional meetings
9. Mechanical, Electrical, and Plumbing Design
10. Structural Design
11. Any signage not specifically included in the scope.
12. Submittal and Permitting fees.
13. Off-Site Drainage and Utility Improvements
14. Off-Site Roadway Design
15. ALTA Land Title Survey
16. Any Platting Services
17. Retaining Wall/ Slope Stability Design
18. Preparation of Record Drawings
19. Wetlands Permitting / Delineation
20. Environmental Impact Statement
21. Environmental Permitting
22. SWPPP Plan Manual / Submissions
23. U.S. Army Corps of Engineers Coordination and Permitting
24. Grant Funding Submittals
25. Time Extensions in excess of six months, during design and construction phases
26. Design of any fire protection water service
27. Construction documents
28. Any item not specifically included in the Scope of Services

FEE AND BILLING

Kimley-Horn will perform the Lump Sum Tasks for the total lump sum labor fee indicated. In addition to the lump sum labor fee, direct reimbursable expenses such as express delivery services, fees, air travel, and other direct expenses will be billed at 1.15 times cost. All permitting, application, and similar project fees will be paid directly by the Client.

Please be advised that Kimley-Horn is not a Contingent Partner in this project. As such, Kimley-Horn will be paid in full for all Professional Services rendered. As stated in the attached Standard Provisions, payment of invoices will be due within 30 days of receipt. Kimley-Horn reserves the right to suspend services if payment has not been received within 30 days of receipt of the invoice.

Kimley-Horn will perform the services described in this scope of services on a lump sum (LS) basis.

TASK SUMMARY

A summary of the tasks and fees described in this Agreement is provided below:

Task 1	Data Collection and Draft Master Plan	$30,000 (LS)
Task 2	Public Engagement and Final Master Plan	$35,000 (LS)
Task 3	Topographic Survey	$6,000 (LS)
Task 4	Tree Inventory	$4,000 (LS)
Total Lump Sum Fee		***$75,000 (LS)***

CLOSURE

Kimley-Horn, in an effort to expedite invoices and reduce paper waste, submits invoices via email in an Adobe **PDF** format. We can also provide a paper copy via regular mail if requested. Please provide the following information:

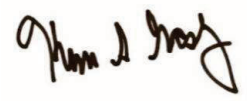
Please email all invoices to : accountspayable@duncanville.com with proforma copy to bart.stevenson@duncanvilletx.gov

If you concur in all the foregoing and wish to direct us to proceed with the services, please have authorized persons execute both copies of this Agreement in the spaces provided below, retain one copy, and return the other to us. Fees and times stated in this Agreement are valid for sixty (60) days after the date of this letter.

We appreciate the opportunity to provide these services to you. Please contact me at (817) 502-2371 or kenzie.porter@kimley-horn.com should you have any questions.

Sincerely,

KIMLEY-HORN AND ASSOC/ATES, INC.



Kevin S. Gaskey, **P.E.**
Senior Vice President

Kenzie Porter, PLA, LI
Associate I Project Manager

Exhibit B – Conflict of Interest Form

NOTICE TO VENDORS AND INSTRUCTIONS FOR CONFLICT-OF-INTEREST QUESTIONNAIRE

H.B. 914, passed during the 2005 Texas legislative session, became effective on January 1, 2006. The bill enacts Local Government Code Chapter 176. That bill requires a vendor that wishes to conduct business or be considered for business with the City of Duncanville to file a "conflict of interest questionnaire." The Texas Ethics Commission (TEC) created the conflict-of-interest questionnaire (FORM CIQ).

Section 176.006 requires disclosing a person's "affiliations or business relationships that might cause a conflict of interest." The term "affiliation" is not defined in Chap. 176. However, the general definition of "affiliation" would mean any association or connection. So, any affiliation, including friendship, membership in some group or organization, residence in the same neighborhood, relationship by blood or marriage, or any other connection, must be disclosed.

How to fill out the Conflict-of-Interest Questionnaire form:

Each number below corresponds with the number on FORM CIQ:

1. Fill in the full name of the person (you) trying to do business with the City of Duncanville. If the business is a corporation, partnership, etc., then each person who acts as an agent for the business in dealings with the City of Duncanville must complete this form.

2. Check box if the form is an update to a form previously completed. Updates are required by law by September 1 of each year in which the person submits a proposal, bid or response to the City of Duncanville or begins contract discussions or negotiations with the City of Duncanville. Updates are also required by the 7th business day after an event that makes a statement in a previously filed questionnaire incomplete or inaccurate.

3. Describe how you are affiliated or related to a City of Duncanville employee, City Council member, or contractor with the City of Duncanville (such as an engineering or architectural firm) who makes recommendations to the City for awards. **If no affiliation or business relationship exists, state "None."**

4. Describe how you are affiliated with or related to a local government officer. **If no affiliation or business relationship exists, state "None."**

5. Complete this Section by listing the name of each local government officer with whom there is an affiliation or business relationship, and you checked the "Yes" box in Section 5 A, B, or C.

6. Describe <u>any other</u> affiliation or business relationship that might cause a conflict. If no conflicts check the #4 box as well.

7. **Signature box. Date and sign the form. <u>A signature is required from the person completing the form even if "None" entered in boxes 3, 4, & 6.</u>**

Duncanville
City of Champions

CONFLICT OF INTEREST QUESTIONNAIRE - FORM CIQ

For vendor or other person doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a). By law this questionnaire must be filed with the records administrator of the local government entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. *See* Section 176.006(a-1), Local Government, Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

1 **Name of vendor who has a business relationship with local governmental entity.**

Kimley-Horn and Associates, Inc.

2 ☐ **Check this box if you are filing an update to a previously filed questionnaire.**

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

3 **Name of local government officer about whom the information in this section is being disclosed.**

N/A

Name of Officer

This section, (item 3 including subparts A, B, C & D), must be completed for each officer with whom the vendor has an employment or other business relationship as defined by Section 176.001(1-a), Local Government Code. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income, other than investment income, from the vendor?

☐ Yes ☒ No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity?

☐ Yes ☒ No

C. Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership of one percent or more?

☐ Yes ☒ No

D. Describe each employment or business and family relationship with the local government officer named in this section.

4 ☒ **I have no Conflict of Interest to disclose.**

5 Bradley J Hill — May 20, 2024

Signature of vendor doing business with the governmental entity — Date

Exhibit C – Form 1295 Instructions

Certificate of Interested Parties Electronic Filing

In 2015, the Texas Legislature adopted House Bill 1295, which added section 2252.908 of the Government Code. The law states that the CITY may not enter into this contract unless the CONTRACTOR submits a disclosure of interested parties (Form 1295) to the CITY at the time the CONTRACTOR submits the signed contract. The Texas Ethics Commission has adopted rules requiring the business entity to file Form 1295 electronically with the Commission.

CONTRACTOR will be required to furnish a Certificate of Interest Parties before the contract is awarded, in accordance with Government Code 2252.908.

The CONTRACTOR shall:

1. Log onto the State Ethics Commission Website at : https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm
2. Register utilizing the tutorial provided by the State.
3. Print a copy of the completed Form 1295
4. Enter the Certificate Number on the signature page of this contract.
5. Complete and sign the Form 1295
6. Email the form to purchasing@duncanville.com with the contract number in the subject line. (EX: Contract 1234 – Form 1295)

The CITY must acknowledge the receipt of the filed Form 1295 not later than the 30th day after Council award. Once a Form 1295 is acknowledged, it will be posted to the Texas Ethics Commission's website within seven business days.

Exhibit D – Texas House Bill 89 Verification Statement

For the City of Duncanville, Texas Agreements

I, Bradley J. Hill, the undersigned representative of Kimley-Horn and Associates, Inc. (hereafter referred to as company) do hereby verify that the company named above, under the provisions of Subtitle F, Title 10, Government Code Chapter 2270:

1. Does not boycott Israel currently; and
2. Will not boycott Israel during the term of the contract.

Pursuant to Section 2270.001, Texas Government Code:

1. *"Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and*
2. *"Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.*

May 20, 2024
DATE

Bradley J Hill
SIGNATURE OF COMPANY REPRESENTATIVE

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 3/18/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Edgewood Partners Ins. Center/Greyling 3780 Mansell Rd. Suite 370 Alpharetta GA 30022	**CONTACT NAME:** Jerry Noyola **PHONE (A/C, No, Ext):** 7702207699 **FAX (A/C, No):** **E-MAIL ADDRESS:** greylingcerts@greyling.com
INSURED KIMLASS Kimley-Horn and Associates, Inc. 421 Fayetteville Street, Suite 600 Raleigh, NC 27601	**INSURER(S) AFFORDING COVERAGE** — **NAIC #** **INSURER A :** National Union Fire Ins Co of Pittsburg — 19445 **INSURER B :** Allied World Assurance Co (U.S.) Inc. — 19489 **INSURER C :** New Hampshire Insurance Company — 23841 **INSURER D :** Lloyd's of London — 85202 **INSURER E :** **INSURER F :**

COVERAGES **CERTIFICATE NUMBER:** 2080884375 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X **COMMERCIAL GENERAL LIABILITY** [ ] CLAIMS-MADE [X] OCCUR X Contractual Liab GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [X] LOC OTHER:			GL5268169	4/1/2024	4/1/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG $	$ 2,000,000 $ 1,000,000 $ 25,000 $ 2,000,000 $ 4,000,000 $ 4,000,000 $
A A	**AUTOMOBILE LIABILITY** X ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS X HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			CA4489663 (AOS) CA2970071 (MA)	4/1/2024 4/1/2024	4/1/2025 4/1/2025	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) $	$ 2,000,000 $ $ $ $
B	X **UMBRELLA LIAB** [X] OCCUR X **EXCESS LIAB** [ ] CLAIMS-MADE DED [X] RETENTION $ 10,000			03127930	4/1/2024	4/1/2025	EACH OCCURRENCE AGGREGATE $	$ 5,000,000 $ 5,000,000 $
C C	**WORKERS COMPENSATION AND EMPLOYERS' LIABILITY** Y / N ANYPROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		WC015893685 (AOS) WC015893686 (CA)	4/1/2024 4/1/2024	4/1/2025 4/1/2025	X PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 2,000,000 $ 2,000,000 $ 2,000,000
D	Professional Liability			B0146LDUSA2404949	4/1/2024	4/1/2025	Per Claim Aggregate	$2,000,000 $2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Evidence of Coverage

CERTIFICATE HOLDER

Sample Certificate

Page 39 of 40

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Gregg Bachtel

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ACORD 25 (2016/03) **The ACORD name and logo are registered marks of ACORD**

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY
CERTIFICATION OF FILING

Certificate Number:
2024-1164178

Date Filed:
05/21/2024

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
Kimley-Horn and Associates, Inc.
Dallas, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
City of Duncanville

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
CONTRACT # 24-76102
DUNCANVILLE DOG PARK DESIGN PROJECT

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Cook, Richard N	Dallas, TX United States	X	
Flanagan, Tammy	Dallas, TX United States	X	
Lefton, Steve	Dallas, TX United States	X	
McEntee, David L	Dallas, TX United States	X	

5 Check only if there is NO Interested Party. ☐

6 UNSWORN DECLARATION

My name is SARAH MEZA, and my date of birth is 05/14/1981.

My address is 13455 NOEL ROAD, SUITE 700 (street), DALLAS (city), TX (state), 75240 (zip code), US (country).

I declare under penalty of perjury that the foregoing is true and correct.

Executed in DALLAS County, State of TEXAS, on the 21ST day of MAY (month), 20 24 (year).

Signature of authorized agent of contracting business entity
(Declarant)

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Election of Mayor Pro Tem for 2024-2025

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Emphasize: Government Accountability, Customer Service, Efficiency and Process Improvement**
  - **Develop a high performing organization that encourages innovation, transparency, and collaboration while delivering exceptional customer service.**

STAFF RESPONSIBLE:
Chiquita Taylor, City Secretary

BACKGROUND/HISTORY:
The City Charter, Section 2.05 states "The Council shall elect from among the councilmen a Mayor pro tempore who shall act as Mayor during the absence or disability of the Mayor." Per the Council Rules of Procedure adopted June 3, 2014, the Mayor Pro Tem shall be elected by a majority vote of the Councilmembers present at the first regular meeting of the City Council following the swearing in of newly elected Councilmembers from the May general election (Paragraph A.9). The Mayor Pro Tem shall be elected for a one-year term and shall serve until replaced by Mayor Pro Tem election. The Councilmember currently serving as Mayor Pro Tem shall not be eligible to serve consecutive terms (Paragraph A.10)

POLICY EXPLANATION:
Per the City Council Rules of Procedure adopted June 3, 2014, criteria to be considered in the election of Mayor Pro Tem:

• Willingness to commit the time necessary to serve in case of the absence of the Mayor. Duties will include presiding over City Council meetings, scheduled and called meetings, representing the City at ribbon cuttings, memorial events, speaking engagements during the day and evening hours, and assisting staff when requested for special projects. From time to time, the Mayor may call on the Mayor Pro Tem to assist in representing the City when scheduling conflicts occur.
• The Mayor Pro Tem should have demonstrable leadership abilities and a good workingrelationship with his/her fellow Councilmembers and City staff.

• Councilmember must have served a minimum of one (1) year on subject City Council before being eligible to serve as Mayor Pro Tem.
• Councilmember should resist outside lobbying efforts by citizens on behalf of a particular Councilmember or for a particular council district.
• In the final analysis, more than one Councilmember may meet the criteria to serve as Mayor Pro Tem. A Councilmember's vote should be cast for the one member he/she feels can best serve the City as Mayor Pro Tem for the coming year. Since only one person will be elected Mayor Pro Tem, the remaining Councilmembers should not consider the vote for another member as a lack of confidence in their ability or disrespect to the citizens of the district they represent.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	**Purchase Amount**	**After Encumber**
$0.00	$0.00	$0.00

ACTION ALTERNATIVES:
Appointment of a Mayor Pro Tem

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Discuss Regular City Council meeting dates for the remainder of 2024

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Emphasize: Government Accountability, Customer Service, Efficiency and Process Improvement**
  - **Develop a high performing organization that encourages innovation, transparency, and collaboration while delivering exceptional customer service.**

STAFF RESPONSIBLE:
Douglas Finch, City Manager
Chiquita Taylor, City Secretary

BACKGROUND/HISTORY:
To provide City Council with the opportunity to review the 2024 dates for City Council meetings. The attached calendar has been prepared with known or expected dates for City Council meetings, City holidays, major Chamber of Commerce events, and other major city-wide events of interest to City Council.

POLICY EXPLANATION:
City Council to discuss 2024 calendar of regular city council meetings and provide input to staff for planning purposes.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	Purchase Amount	After Encumber
$0.00	$0.00	$0.00

ACTION ALTERNATIVES:
1. Other actions as directed by Council.

ATTACHMENTS:
2024 Regular Council Meeting Dates

2024 Regular Council Meeting Dates

June 4

June 18

July 16

August 6

August 20

September 3

September 17

October 15

November 19

December 3

December 17

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Council to discuss and deliberate proposed amendments to the Rules of Procedure.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

STAFF RESPONSIBLE:
Douglas E. Finch, City Manager

BACKGROUND/HISTORY:
The Council shall adopt its rules of procedure annually. Discussions were held in 2023 to amend the rules of procedure, but no changes were adopted. The redlined version with proposed changes is attached.

POLICY EXPLANATION:
Any changes decided on by Council will be brought back for official adoption via resolution.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	**Purchase Amount**	**After Encumber**
N/A	N/A	N/A

ACTION ALTERNATIVES:
1. Council to provide feedback on the rules of procedure document.

ATTACHMENTS:
Rules of Procedure -- 2024-2025 DRAFT

Duncanville
City of Champions

RULES OF PROCEDURE

Adopted:

~~October~~ June 18~~18~~, 202~~42~~

CITY COUNCIL

CITY OF DUNCANVILLE, TEXAS

City Council of Duncanville Mission & Pillars

"*The mission of the City Council of Duncanville is to build a vibrant inclusive community driven by a commitment to democratic principles and service above self.*"

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I. ROLES & RESPONSIBILITIES

This section will focus on defining the positions and establishing the duties of those who sit on and who are intended to support the operations of the City Council of Duncanville.

A. The Mayor

Home Rule Charter Reference - Article II Sec. 2.05, Presiding Officer: The Mayor

The Mayor shall preside at meetings of the City Council, and shall be recognized as head of City government for all ceremonial purposes and by the Governor for purposes of military law, but shall have no regular administrative duties. He may participate in the discussion of all matters coming before the Council. He shall be entitled to vote as a member thereof on legislative, or other matters, commencing of and from the date that the Council member elected at large assumes the duties of office following the City's general election in May, 2003. The Council shall elect from among the Councilmen a Mayor pro tempore who shall act as Mayor during the absence or disability of the Mayor. If a vacancy in the office of Mayor occurs, the Council shall select a Mayor from its own members who shall serve until the next regular election. His former place as councilmember shall be deemed vacant and filled as provided for in Section 2.04.

1. The Mayor shall be the presiding officer at all meetings. The Mayor pro tempore shall preside in their absence or refusal to conduct the meeting.
2. The Mayor shall preserver order and decorum and shall require Councilmembers and citizens in attendance engaged in debate to limit discussion to the question under consideration and shall operate according to these Rules of Procedure.
3. The Mayor will encourage all Councilmembers to participate in Council discussion and give each member an opportunity to speak for five minutes before any member can speak again on the same subject. No vote to close discussion, limit debate, or call the question shall be entertained by the Mayor if a Councilmember, desiring to speak, has not had their opportunity to speak at least twice on any given agenda item. Any vote to close or limit debate requires a simple majority vote.

B. Mayor pro tempore

1. If the Mayor fails to execute any ordinance, resolution, or Council-approved document within 72 hours of its lawful passage by the Council, the Mayor pro tempore shall have full authority to sign and execute such ordinance, resolution, or Council-approved document.
2. The Mayor pro tempore shall be elected by a majority vote of the Councilmembers present at the first regular meeting of the City Council following the swearing-in of newly elected Councilmembers from the May general election or subsequent run-offs.

3. The Mayor pro tempore shall be elected for a one-year term and shall serve until replaced by a subsequent Mayor pro tempore election. The Councilmember currently serving as Mayor pro tempore shall not be eligible to serve consecutive terms.
4. Criteria to be considered in the election of Mayor pro tempore:
    - Willingness to commit the time necessary to serve in case of the absence of the Mayor. Duties will include presiding over City Council meetings, scheduled and called meetings, representing the City at ribbon cuttings, memorial events, speaking engagements during the day and evening hours, and assisting staff when requested for special projects. From time to time, the Mayor may call on the Mayor pro tempore to assist in representing the City when scheduling conflicts occur.
    - The Mayor pro tempore should have demonstrable leadership abilities and a good working relationship with their fellow Councilmembers and City staff.
    - Councilmember must have served a minimum of one year on the City Council before being eligible to serve as Mayor pro tempore.
    - Councilmember should resist outside lobbying efforts by citizens on behalf of a particular Councilmember or for a particular council district.
    - In the event that more than one Councilmember may meet the criteria to serve as Mayor pro tempore, a Councilmember's vote should be cast for the one member they feel can best serve the City as Mayor pro tempore for the coming year. Since only one person will be elected Mayor pro tempore, the remaining Councilmembers should not consider the vote for another member as a lack of confidence in their ability or disrespect to the citizens of the district they represent.
5. No Councilmember shall offer, seek, or accept any favors, gifts, or special considerations in exchange for a vote to be Mayor pro tempore.
6. The Mayor pro tempore may be removed by a simple majority vote of the City Council. Should the office of Mayor pro tempore be vacated, an election to fill the unexpired term shall be held at the second regular meeting of the City Council following the vacancy.

C. City Council

1. When addressing an agenda item, the Councilmember shall first be recognized by the Mayor, confine their comments and questions to the issue under debate, avoid reference to personalities, and refrain from impugning the integrity or motives of any other Councilmember or staff member in their argument or vote. Councilmembers shall at all times maintain civility among each other and refrain from uncivil discourse.
2. Any Councilmember may appeal a ruling of the Mayor to the Council as a whole. If the appeal is seconded, the Councilmember making the appeal may make a brief statement justifying the appeal. The Mayor may subsequently explain their position. Then, each Councilmember may explain their position. The Mayor will then put the

ruling to a vote of the Council. A majority vote is required to overturn the ruling of the Mayor.

3. Any Councilmember may raise a point of order and require the Council to conform to the order of business or these Rules of Procedures. The Council may by motion and simple majority vote to suspend these rules and amend the agenda or order of business.
4. Meetings with and questions of the City Attorney may be made by any Councilmember as needed, but the Attorney's time shall be used judiciously. Each Councilmember shall exercise their judgement in tracking their hours consulting legal advice and the corresponding expense to the City. It is recommended that meetings with the Attorney take place on days when regular Council meetings are held and the Attorney is already scheduled to be present.
5. In accordance with State Law, the Mayor and Councilmembers shall be required to attend all scheduled meetings of the City Council, unless they have a valid excuse not to do so. Each member is expected to be present for discussion and resolution of all items on the scheduled agendas. As a courtesy, the Mayor, Council, and staff shall be notified in case of absence.
6. In the event that both the Mayor and the Mayor pro tempore are absent from a meeting of the Council, the duty of presiding should fall to the most senior Councilmember in attendance.

D. City Manager

Home Rule Charter Reference – Article II, Sec. 2.07: Appointment of the City Manager

The Council shall appoint a City Manager, at their discretion, for an indefinite term, who shall be the chief administrative and executive officer of the City. No member of the Council shall, during the term for which elected, be chosen as City Manager. The City Manager shall receive such compensation as may be fixed by the Council. Until such time the Council appoints a City Manager, the duties and functions of the City Manager shall be performed by the City Council.

1. The City Manager is directly responsible for providing information to all the Council concerning any written information requests by a specific Councilmember. If the City Manager or their staff's time is being dominated or misdirected by a Councilmember, it is the City Manager's responsibility to inform the Mayor and the Council.
2. The City Manager is responsible for keeping the Council informed.
3. It is the responsibility of the City Manager to establish procedures for handling customer concerns in all departments with prompt feedback to the citizen and to the appropriate City Councilmember(s) in writing.
4. The City Manager will strive to maintain positive relations with the City Council by following these guidelines:
    a. Whether newly elected or experienced, remember every Councilmember represents the special interests of a specific district and its voters, as well as the best interests of the City as a whole.

b. Work to establish mutual trust with the Council.
c. Open the lines of communication with the Council.
d. Be inclusive of opportunities for educational trips. An educated Council is in the City's best interests.
e. Include the Council in City-sponsored employee social events.
f. Conduct orientation sessions for new Councilmembers. Provide a tour of the City buildings and introduce to staff.

5. The City Manager is required to prepare and submit to the Council an annual budget. Additionally, the City Manager shall include the department presentations detailing what has been requested and the reason for the request.

E. City Attorney

Home Rule Charter Reference – Article II Sec 2.06, The Council: Powers (12)

The Council shall appoint a City Attorney who shall be a competent attorney licensed to practice law in the State of Texas and who shall hold office at the pleasure of the City Council. (Ord. No. 1783, approved 3-19-02, adopted at election 5-4- 02)

1. The City Attorney is employed by the City Council. All requests for legal opinions from Councilmembers can be discussed with the City Attorney, who will then send a written opinion to be filed by the City Secretary and distributed to all the Council.
2. The City Attorney should not be expected to give a complete answer for complex legal opinions during Council meetings, briefings, or workshops. Requests for opinions should be made at least one week in advance of any Council meetings to ensure quality, well-researched opinions.

F. City Secretary

Home Rule Charter Reference – Article III Sec. 3.07: City Secretary

The City Manager shall appoint an officer of the City who shall have the title of City Secretary, shall give notice of the Council meetings, shall keep minutes of its proceedings, shall authenticate by his signature and record in full in a book kept for the purpose all ordinances and resolutions and shall perform such other duties as shall be required by this Charter or by the City Manager.

1. The City Secretary shall prepare ~~and~~ an agenda of all matters requiring the attention of the Council. The agenda for all regular meetings shall be provided to all Councilmembers in the timeframe outlined in Section IV, Rules of Meeting.
2. Except as provided herein, all meetings shall be recorded electronically. The electronic recording shall be produced and maintained by the City Secretary; provided, that if a recording is not possible, detailed minutes of the meetings shall be kept by the City Secretary.

3. Notice must be provided for Ceremonial Proclamations, letters, certificates. Each ceremonial document shall be circulated and filed by 12:00 p.m. on the business day before the meeting at which it is to be considered.

II. RELATIONS

This section will define how members of the Duncanville City Council should interact among themselves and with other entities, both within the City and externally.

A. Mayor, City Council, City Manager, & City Staff

1. The City Manager is expected to respond in a timely manner to Council and Councilmember requests. When information is requested, the City Manager will estimate a reasonable time frame for collecting the information.
    a. If the City Manager disagrees with the request, he/she should say so and explain his/her position in writing to all members of the City Council.
    b. If the City Manager disagrees with individual directives, he/she should initiate clarification of Council's will with regard to the individual Councilmember's request.
    c. The City Manager should delegate responsibility for the response as necessary and appropriate, but the City Manager will remain responsible for its receipt by Council in a timely manner.
    d. The City Manager should maintain a checklist and timetable for those requests and other directives of the Council.
2. All City Councilmembers will receive the same pertinent verbal and written information. There will be no preferential dissemination of information.
3. Regarding customer concerns for routine service requests, e.g. trash collection or water billing concerns, City Councilmembers will guide citizens to the appropriate staff member or department rather than the City Manager.
4. During regular meetings, special meetings, or workshops of the City Council, a majority of the Councilmembers present will be required to direct the City Manager in the case of opposing opinions on the Council.

B. Council Inquiries with the City Manager

The City Manager is the primary link between Council and the professional staff. The Council's relationship with the staff should be through the City Manager, as is required by the City Charter. The inquiry process exists to best facilitate that relationship and address Councilmembers' concerns.

1. **Agenda Questions:** Questions arising from Councilmembers after receiving their agenda information packet should be presented to the City Manager for staff consideration prior to the Council meeting. The additional information will be distributed to all Councilmembers. Any request for additional information shall be

provided to the entire council as expeditiously as possible prior to any meeting to ensure appropriate review.

2. **Presentations to Council:** The City Manager shall designate appropriate staff to address each agenda item and shall see that it is adequately prepared and presented to the Council. Presentation should be professional, timely, and allow for discussion of options for resolving the issue. Staff shall make it clear that no Council action is required, present a staff solution, or present the specific options for Council consideration.
3. **Problem Resolution:** If the City Manager or their staff's time is being dominated or misdirected by a Councilmember, or should any conflict arise between staff and Council, the City Manager shall:
    i. Visit with the Councilmember and discuss the problem and/or impact on City Manager or staff time;
    ii. If unresolved, ask the Mayor to arbitrate a resolution to the issue;
    iii. If still unresolved, ask the Mayor to present the concerns to the Council;
    iv. If the unresolved issue is with the Mayor, ask the Mayor pro tempore to arbitrate a resolution to the issue;
    v. If still unresolved issue involves the Mayor, ask the Mayor pro tempore to present the concerns to the Council.

C. Mayor & Councilmember Training and Professional Development

1. In addition to the required training, Councilmembers are encouraged to attend at least one training event per year, and others as found beneficial to the performance of their elective duties subject to the availability of funds as appropriated in the annual budget for the Mayor and each Councilmember.
2. The Mayor and each member of Council will have an appropriated budget amount by representative area. Travel and training funds appropriated for the Mayor and each Councilmember shall not be available for transfer to another Councilmember or the Mayor.
3. Selection of professional development events are at the discretion of each councilmember but are limited to expenditures within the amount appropriated for those trainings. Unexpended funds for each elective position are non-transferable and shall be returned to fund balance at the end of each fiscal year.
4. Councilmembers are encouraged to select training events from the following list of providers:
    - Texas Municipal League (and affiliates)
    - North Central Texas Council of Government
    - National League of Cities
    - Other as deemed important to individual members
5. As the need arises, additional expenditures may be made from miscellaneous professional development funds that are subject to annual appropriation, for the Mayor and/or a Councilmember chosen to represent the Council at special events.

Such additional expenditures may be made only after having been placed on the agenda of a regular Council meeting and acted upon by motion, second, and favorable majority vote.

D. Community Events and Town Halls

1. The City Council shall strive to host an open-format, topical Town Hall session, no less than twice a year. These Town Halls may include guest speakers and presenters but shall also include the opportunity for citizens to directly meet, address, and ask questions of the Mayor and City Councilmembers.
2. Councilmembers are also encouraged to host frequent community-building events within their council districts. All community events will be placed on the City Website and LED for all City Councilmembers, regardless of event size, coordination, or official staff-backing, except during the formal period of elections.
3. The Mayor may host a monthly interactive event~~"Coffee with the Mayor" event~~, supported by City Staff, provided that it occurs during regular operating hours and is scheduled in advance. Both citizens and City Councilmembers (although they shall not gather in a sufficient number to constitute a quorum) are invited to participate.
4. Each Councilmember shall also be allotted one staff-supported "major" community event per year, provided sufficient notice of at least one month prior to the date of the event and financial backing as budgeted in the annual budgeting procedure.
    a. This shall not be used to put a limitation on the ability of any Councilmember to host any number of self-planned and publicized community events.
    b. No events shall be coordinated or marketed by staff during the formal period of elections.

E. Media and Social Media

1. On all administrative matters, the official spokesperson for City Staff shall be the City Manager or their designee.
    a. When in doubt, Councilmembers shall defer to the city's Public Information Officer on questions from the media.
2. Similarly, the Mayor, or their chosen designee, shall always be the primary spokesperson for the official position of the City on matters regarding policy decisions and Council information pertaining to issues under debate or on the agenda.
3. Councilmembers publicly represent the city at all times, whether they are within a City Council meeting or without. As such, Councilmembers shall constantly be aware of their actions on any social media platform, and the effect it may have on their public images, as well as on the image of the City of Duncanville.
    a. If a Councilmember chooses to create a social media account as a publicly elected official with the specific intent to engage with constituents, they shall keep this account distinct and separate from other personal accounts that they maintain – acknowledging that, as an elected official, any use of social media for their duties may create a public record.

b. Elected officials increasingly use social media for re-election purposes, however, mixing campaign and constituent communications from the same account, website, or other platform could put a Councilmember at risk for violating laws that prohibit using government resources for political purposes. For this reason, it is advised that Councilmembers do not maintain their online campaign platforms year-round as vehicles to address constituent concerns.

4. When using a social media platform, for personal or professional purposes, Councilmembers shall at all times be knowledgeable, courteous, and responsible in their usage. For further social media best practices, Councilmembers may refer to the City of Duncanville employee handbook.
5. Unless specifically identified as a resource for receiving requests for information, social media sites are not proper vehicles for users or constituents to make requests for public information.
6. Where a matter of possible legal concern may arise, Councilmembers may consult the City Attorney regarding their social media usage, as with any other matter pertaining to their elective duties.

F. Boards and Commissions

1. All City Councilmembers, with the exception of the Mayor, may serve as liaisons to the boards and commissions of the City for a period of one year at the pleasure of the Council.
    a. Councilmembers will select different boards and/or commissions to serve as liaisons to on or after the date of the appointment of the boards and commissions members.
    b. Each Councilmember will be allowed to select the board(s) or commission(s) they would like to liaise with by order of seniority.
    c. Councilmembers are strongly encouraged, but not required, to attend all meetings of their selected boards and/or commissions.
    d. Each Councilmember may submit a quarterly report to the entire Council through the City Secretary on the activity of their respective board and/or commission. Any questions or concerns about board or commission matters will be directed to the City Secretary for dissemination to the Council.

III. RULES OF MEETING

This section will define how guests and Councilmembers shall interact with others and among themselves during all official meetings of the Duncanville City Council.

A. Meeting Structure.

1. TYPES OF MEETINGS

There are four possible types of City Council meetings, which are:

a. **Regular Meetings**: Council shall hold regular meetings to conduct the business of the City on the first and third Tuesdays of each month, as prescribed by Ordinance No. 1449. These meetings shall always comply with the Texas Open Meetings Act. The Council may choose not to meet where there is no pressing business to conduct or when the meeting date conflicts with a holiday or holiday season. The Council must hold a regular meeting at least once a month.
b. **Special Meetings:** Special meetings of Council shall be held when called jointly by the Mayor and the City Manager, or at the request of two or more Council Members. The call or request shall be made to the City Secretary and shall specify the matters to be considered at the special meeting. Upon receipt of such call or request the City Secretary, after consultation with the City Manager, shall immediately notify each Council Member and the City Attorney in writing. Such notice shall specify the matters to be considered at the special meeting, and only the matters specified in the notice shall be considered at such meeting unless all Council Members are present. Special meetings must conform to the Open Meetings Act requirements.
c. **Governance Meeting:** In June of every year, or the first regular meeting of the City Council following the swearing-in of newly elected councilmembers from the May general election or subsequent run-offs, Council will hold a governance meeting. The purpose of the meeting will be to adopt the Rules of Council, select the Mayor pro tempore, and make appointments to the Audit Committee and Boards and Commissions liaisons for a 1-year term.
d. **Emergency Meeting:** The Mayor may call an emergency meeting of the Council in the event that an "emergency," as defined by State Law, occurs.

2. AGENDA RULES

Each meeting shall conform to a regular set of Agenda Rules, which will dictate which items may be considered by the Council at that time.

a. In order to provide time for quality staff reports and preparations, all agenda items should be submitted for the next agenda two Thursdays prior to the Council meeting unless deemed an emergency on an unforeseen specific issue that clearly cannot be postponed until the next agenda.

~~a.~~

b. The goal is to have Council agendas published and posted in final format with packets delivered to Council on Thursday prior to the next meeting. If unforeseen circumstances happen that prevent this goal from occurring, the City Manager is required to notify Council immediately stating reason for delay and anticipated delivery time.

~~b.~~c. Any information distributed to one councilmember regarding an item on the agenda shall be distributed to all councilmembers at the same time prior to the meeting so that all councilmembers have equal opportunity to review the information.

d. The Council may rearrange the order of agenda items during a Briefing Session or during a meeting by majority consensus.

~~c.~~e. ~~A request by the Mayor for a consensus of the Council shall be accompanied by a specific motion and second of the question at hand when the request pertains to an agenda item, the process of the meeting, direction given to the City Manager, or any other action in which a full vote of the Council will not be taken. If consensus is reached, the Mayor shall reiterate the motion for which consensus has been given, and the City Secretary shall document in the meeting minutes the specific request for consensus and any action that is to be taken by the City Manager as a result of the consensus.~~

~~d.~~f. An item may be placed on the agenda for reconsideration within the next two regularly scheduled City Council meetings if requested by a member of the prevailing side. Any Councilmember may ask for an item to be reconsidered after sixty days from the initial consideration.

~~e.~~g. During a Briefing Session or meeting, any Councilmember may direct that an item on the consent agenda be removed from the consent agenda and placed on the "Items for Individual Consideration."

~~f.~~h. During a Briefing Session or meeting, any Councilmember may request that an item on the list of "Items for Individual Consideration" be moved to the consent agenda. This action requires the consensus of the Council.

3. SCHEDULE & DURATION

To maximize the City Council's efficiency, both the schedule and duration of Council meetings are prescribed in this document. However, should the circumstances require, both of those provisions may be modified according to the situation:

a. If a regularly scheduled meeting falls on the day of a general election, the Council, at its discretion, may move the meeting to a different date. Similarly, should the Council decide not to meet during a holiday period, the Council may determine a different date on which to hold the meeting.

b. No meeting shall extend after the hour of 12 midnight unless Council, by an affirmative vote of the majority of present Council Members, extends the

length of the meeting. The Councilmember so moving to extend the length of the meeting shall include in their motion the matters appearing on the docket for that meeting to be considered after the hour of 12 midnight.

B. Rules of Conduct

- COUNCIL MEETING CODE OF CONDUCT: MAYOR & COUNCIL

To preserve order and decorum, the Mayor and all Councilmembers shall abide by the following rules of conduct during all Council meetings.

i. Listen and understand before judging.
ii. Focus on the vision and goals; no personal attacks or inferences.
iii. Look for areas of agreement before differences.
iv. Be on time; start on time; silence all personal communication devices, and do not allow them to distract from the work at hand.
v. Once a decision is made, support the City decision, but state your reservation.
vi. Agree to disagree; move on to the next issue.
vii. Come prepared to discuss issues; when possible, ask questions of staff prior to the meeting so that staff can be prepared.
viii. Praise in public; provide constructive feedback in private.
ix. Participate in discussions and focus on the issue; avoid side conversations. Need to be mindful that sidebar conversations are disruptive.
x. Be courteous, honest and treat others with respect.
xi. Communicate in an open, direct manner; keep others informed.
xii. If you have a personal issue with another member of Council, go to that member directly and not to other councilmembers, the community or staff. This house rule does not affect the right of one or more Councilmembers to institute the censure process set out in Section IV, (Regulations).
xiii. Be a positive ambassador for the City.
xiv. When the Council is meeting in the Council Chamber, use the electronic system to notify the Mayor you wish to comment on a matter before the Council.
xv. Allow others to finish their comments before speaking.

- COUNCIL MEETING CODE OF CONDUCT: CITIZENS & PRESENTERS

All citizens and presenters in attendance ~~of~~at a City Council meeting must abide by the following code of conduct.

- During public City Council meetings, all guests shall not disturb order and decorum, shall not interrupt or delay proceedings, and shall not refuse to obey the orders of the Mayor or the rules of the Council. Attendees shall demonstrate respect and courtesy to each other, to all members of the City Council, to City staff members, and to members of the public appearing

before the Council. All participants shall refrain from rude and derogatory remarks and shall not belittle staff members, Councilmembers, or members of the public. No participant shall engage in electioneering during the formal campaign season.

- COUNCIL MEETING CODE OF CONDUCT: THE MEDIA

The Mayor, Council, and City Manager recognize that an informed public ensures progress and good government which remains sensitive to its constituents. These guidelines are designed to help ensure fair relationships with print, radio, and television reports during City Council meetings without infringing upon the First Amendment rights of the media.

i. **Media Orientation:** Since each government body conducts business differently, it is requested that all reporters new to City Council meetings first meet with the City Manager, Mayor, or the designated media relations representative prior to covering their first meeting for information on policies and procedures.
ii. **Agenda Information:** All reporters requesting so will receive an agenda package in advance and will be furnished any supporting material needed for clarification for themselves and the general public.
iii. **Chamber Seating:** During the conduct of official business, the news media shall occupy either the places designated for them, or for the general public.
iv. **Conduct in Chambers:** Representatives of the media are requested to refrain from conversing privately with others in the audience while the Council is in session. Interviews with the public should be conducted outside of the Council Chambers while the Council is in session.
v. **Equal Access for Opposing Positions:** The ethical burden or fair presentation of opposing positions in any issue of debate falls upon the media. When opposing positions are debated, regardless of the outcome, interviews by the media should provide equitable representation from Councilmembers of all viewpoints.
vi. **Policy Clarification**: Any clarification requested by the media on the issues discussed during a Council meeting should be addressed after the meeting. At that time, either the Mayor or their designated spokesperson shall be the official source of information regarding policies or the agenda.

C. Order of Business

The agenda for regular Council meetings shall generally adhere to the following order:

Work Session / Briefing

- Discuss Appointments & Dismissals to Existing Boards and Commissions
- Discuss Elimination, Creation, or Combination of Boards or Commissions

- Executive Session
- Discuss Agenda Items
- Briefings & Presentations

Regular Session

- Call to Order
- Invocation
- Pledge of Allegiance & Texas Pledge of Allegiance
- Reports
    a. Mayor's Report
    b. Councilmember's Report
    c. City Manager's Report
- Presentations and Proclamations
- Citizen Input
- Consent Agenda
- Items for Individual Consideration
- Action Resulting from Executive Session
- Staff and Board Reports
- Adjournment

D. Rules of Procedure for Council Meetings

1. PARLIMENTARY PROCEDURE

    a. The designated presiding officer shall, at all times, be responsible for maintaining procedure during any official meeting of the City Council.
    b. *Roberts Rules of Order Newly Revised*, latest edition, may be consulted regarding parliamentary procedure. However, the final parliamentary authority will rest with a simple majority vote of the Council.

2. COMMENTS FROM THE PUBLIC

"Pursuant to Section 551.007 of the Texas Gov't Code, any member of the public has the opportunity to address the City Council concerning any matter of public business or any posted agenda item; however, the Act prohibits the City Council from deliberating any issues not on the public agenda and such non-agenda issues may be referred to City staff for research and any future action; all persons addressing are subject to council adopted rules and limitations permitted by law."

During regular meetings of the City Council, citizens may address the Council during the Citizens Public Comment Period, during discussion of an agenda item or during a Public Hearing. Strict order will be maintained at all times. Tirades of individual personalities and personal aspersions will not be tolerated. Speakers who are out of order will be asked

to leave the Council Chambers. Threats of violence will be cause for removal. Electioneering during the formal campaign season shall be prohibited.

To address the Council, please submit a fully-completed request card to the City Secretary prior to the beginning of the Citizens' Input portion of the Council meeting.

a. CITIZENS PUBLIC COMMENTS
   i. Any citizen wishing to make a public comment will file a request card with the City Secretary, including printed name, address, telephone number, subject, and signature. A public comment period will be set aside for any citizen to present matters of interest. Each speaker will have two minutes.
   ii. Any comments received via email by citizens who do not wish to speak at the meeting will be provided to all members of Council and will be added to the public record. However, emailed comments will not be read aloud during the meeting.
   iii. Comments on Public Hearing agenda items will not be taken during the public comment period since time is allowed for proponents and opponents during Public Hearings.
   iv. Speakers will address the entire Council, not another speaker, audience member(s), nor individual Councilmembers.
   v. Priority will be given to speakers who have not previously spoken during the public comment period in the immediate past Council meeting.
   vi. If no request cards are received by the time the Regular Council meeting begins, the Mayor will skip the Citizens Public Comment Period. If request cards are received after the regular Council meeting begins, the Mayor may, at their discretion, allow public comment at the end of the meeting or with an agenda item.
   vii. Councilmembers will not respond to the subjects raised by speakers during the Citizens Public Comment Period.
   viii. The Citizens Public Comment Period will be placed immediately after the recognition of visitors on City Council agendas.

b. PUBLIC HEARINGS
   i. Both proponents and opponents shall have a maximum of ten minutes per side for their presentation.
   ii. A maximum of five minutes per side will be provided for rebuttal and surrebuttal.
   iii. After the public hearing is closed, the Council may ask questions of the speakers.
   iv. Speakers must limit their responses to the questions asked by the Council.

E. Reports to Council

1. The Mayor's Report, Councilmember Reports, and City Manager's Report will be placed on the agenda for regular meetings following the Invocation and Pledge of Allegiance.
2. All reports will be limited to three minutes.
3. The three-minute limitation for any report may be waived by a majority vote of the City Council.

F. Meeting Minutes

Home Rule Charter Reference — Article II, Section 2.15, Rules of Procedure: Minutes

The Council shall determine its own rules and order of business. It shall keep minutes of its proceedings, and the minutes shall be open to public inspection. Minutes of all meetings of the Council shall be promptly entered within forty-eight (48) hours in the minute book of the Council, and City Secretary shall at the same time provide a permanent and adequate index showing the action of the Council in regard to all matters submitted to it at both regular and special meetings.

1. Written minutes shall be maintained for all posted meetings of the City Council. Approval of the minutes shall be made by vote of the City Council at the next regularly scheduled meeting. Proposed corrections to minutes that have not been approved shall be submitted to the City Secretary by 5 p.m. of the day before the regularly scheduled meeting where minutes are scheduled for approval.
2. The minutes for meetings of the City Council shall follow basic parliamentary procedure for action minutes, thereby recording what was done rather than what was said. Information to be contained in the minutes shall include the following:
    i. Name of group or assembly.
    ii. Type of meeting (regular, special, workshop).
    iii. Date of meeting.
    iv. Time meeting is called to order.
    v. Location of meeting, if not always the same.
    vi. Officials present and absent.
    vii. Topic or subject matter of each agenda item and action taken, including motions, amendments, record vote, and any parliamentary action.

viii. Time of adjournment.
ix. Signature blocks for Mayor and City Secretary.

3. The minutes for non-action agenda items such as the Mayor's Report, Councilmember Reports, the City Manager's Report, the Citizen Public Comment Period, Public Hearings, staff reports, and committee reports shall include the speaker's name and the subject matter.
4. The minutes for discussion-based agenda items, such as those commonly found in briefing sessions and workshops, should reflect the topics of discussion rather than verbatim statements or summarized statements by individual speakers.

G. Resolutions & Ordinances

1. All official action of the City Council shall require a Resolution or Ordinance to capture the clear intent of the policy decision, approved by the majority of the Council.

IV. REGULATIONS

A. Code of Ethics

1. The Mayor and all City Councilmembers, as official representatives of the people of Duncanville, must always abide by all facets of the Code of Ethics established and adopted for the City in Ordinance No. 2113.

B. Censure Policy

Although left to the decision of the Councilmembers, it is encouraged that a Notice of Censure be filed only after a personal conversation between at least one complaining Councilmember and the accused Councilmember has taken place and has proven unsuccessful.

1. Two or more City Councilmembers may file a written Notice of Censure against another City Councilmember with the City Secretary. The written notice shall set forth the allegation(s) of conduct and City Charter, Code of Ethics, or Rules and Procedures provisions which the accused Councilmember shall have allegedly violated, and include (1) a copy of all evidence supporting the allegations and (2) a list of persons who may be called as witnesses if the allegations proceed to final hearing. A copy shall be delivered to all Councilmembers by the City Secretary. A written Response to the allegation(s) may be filed by the accused Councilmember within ten business days after receipt thereof. A copy of the Notice of Censure and Response thereto shall be delivered to each Councilmember by the City Secretary within two business days after the response is filed.
2. On the first regularly scheduled meeting of the Council after the filing of the Notice and any Response, the City Secretary shall formally present the Notice and Response to the City Council and a copy will be attached to the minutes and become part of the public record. The Council, by majority vote, shall thereafter determine whether or not good cause shall exist to set a formal public hearing on the merits of the Notice of Censure or whether the allegations should be dismissed. A vote to hold a public hearing shall not be construed to be a vote of censure.
3. The accused City Councilmember has the right to be represented by legal counsel of their choosing and at their own cost; no City funds may be expended on the legal counsel during a censure hearing. The counsel may attend the hearings and present evidence and testimony at the preliminary and final hearings.
4. If the Council has voted to find good cause presented in the Notice of Censure, a public hearing on the allegation(s) and response shall be held at either a regular or special called meeting of the City Council, which shall be set no sooner than twenty business days from the date of the meeting where the Notice and any Response is presented. At least ten business days prior to the date of the public hearing, the accused Councilmember may file an evidentiary supplement to the written Response (if not done at the time of the initial Response filing) which shall contain: (1) a copy

of all evidence refuting the allegations that the or that the Councilmember wishes the Council to consider; and (2) a list of persons who may be called as witnesses upon final hearing of the allegations.

5. At the final hearing, the City Council will hear evidence concerning the notice of censure. Evidence and witnesses shall be limited to that contained in, or listed on, the Notice of Censure and Response. The City Council shall determine whether the evidence presented is relevant and authentic, but formal Rules of Procedure and Evidence shall not apply. The format of the final hearing is as follows:
    a. The City Councilmembers proffering the charges shall present evidence and witnesses in support of the allegation(s) contained in the Notice of Censure and explain how the evidence supports the proposition that the accused Councilmember violated the City Charter, Code of Ethics, or Rules and Procedures.
    b. The Councilmember who is the subject of the censure shall have the opportunity to present evidence and witnesses to support his or her position with respect to the Notice of Censure. The burden of proof shall be on the Councilmembers proffering the Notice of Censure and the standard shall be a preponderance of evidence.
    c. After receiving evidence at the final hearing, the City Council shall then take a roll-call vote, after motion duly made and seconded, and a majority of five members of the City Council shall be required to sustain the censure of the Councilmember. If sustained, the City Attorney shall prepare a formal Censure document for adoption by a majority vote of the City Council at a future meeting.

C. Removals from Office

1. REMOVAL OF CITY COUNCIL MEMBERS

Home Rule Charter Reference - Article II Sec. 2.10, Council Not To Interfere in City Manager's Appointments or Removals

Willful violation of the foregoing provisions of this Charter by any member of the Council shall constitute official misconduct and shall authorize the Council by a vote of a majority of its membership to expel such offending member from Council if found guilty after a public hearing, and thereby create a vacancy in the place held by such member.

2. REMOVAL OF OTHER APOINTIVE OFFICALS

Home Rule Charter Reference - Article II Sec. 2.09, Removal of Other Appointive Officials

The Council may, upon the affirmative vote of majority of the full membership of the Council, remove members of its appointive boards or commissions without notice, except otherwise provided by state law. (Ord. No. 1491, adopted 1-21-97, approved at election 5-3-97).

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Consider approval of Resolution 2024-281 establishing the Comprehensive Master Plan Advisory Committee, defining the scope of work for said committee, and appointing committee members.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Re-Imagine: High Quality of Life**
  - **Develop, maintain, and encourage safe, attractive, viable family-oriented neighborhoods that embrace diversity and pride, promoting economic vitality.**

STAFF RESPONSIBLE:
David Kees, Assistant to the City Manager

BACKGROUND/HISTORY:
The City will soon be embarking on three critical master plan processes for the Ladd Nature Preserve, Dog Park, and an update to the Comprehensive Master Plan. As discussed with the City Council at the Briefing on May 21, 2024, each process will be best guided by a steering or advisory committee of elected officials and appointed committee members.

The consultant selection process for the Comprehensive Master Plan update has been initiated and an agenda item will be brought forth for City Council consideration shortly. The recommended ad-hoc advisory committee will work directly with selected consultant and City staff in the master planning process including providing history, knowledge, and feedback to the consultant regarding conceptual plans and recommendations, supporting and assisting with public input, and assisting with the creation of the final master plan concept for Council consideration.

It is expected that the Comprehensive Master Plan Advisory Committee shall meet as necessary to assist the consultant in making a timely master plan recommendation. Following master plan approval by the City Council, the ad-hoc advisory committee will be disbanded and discontinued.

POLICY EXPLANATION:
The City Council of the City of Duncanville may create ad-hoc committees, and establish their scope of work and responsibilities at their discretion. This agenda item creates the ad-hoc committee, provides the anticipated scope of work, and provides appointments to the committee.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	**Purchase Amount**	**After Encumber**
N/A	N/A	N/A

ACTION ALTERNATIVES:

1. Approve Resolution 2024-281 creating the ad-hoc Comprehensive Master Plan Advisory Committee, establishing their scope of services, and making appointments to the committee.
2. Do not approve Resolution 2024-281.
3. Other actions as directed by Council.

ATTACHMENTS:
Duncanville.RESO 2024-281 Establishing Comprehensive Master Plan Advisory

RESOLUTION NO. 2024-281

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, ESTABLISHING THE COMPREHENSIVE MASTER PLAN ADVISORY COMMITTEE, DEFINING THE SCOPE OF WORK; APPOINTING COMMITTEE MEMBERS; PROVIDING FOR MEMBERSHIP AND APPOINTMENT; PROVIDING FOR MEETINGS; PROVIDING FOR EXPIRATION; AND, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Council has determined that an ad-hoc Comprehensive Master Plan Advisory Committee should be established to provide input and assistance in the master planning process; and

WHEREAS, the City Council actively encourages its citizenry to participate in the process of master planning for its future.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, THAT:

SECTION 1. The Comprehensive Master Plan Advisory Committee is hereby established to be an ad-hoc committee created for the purpose of assisting with master planning processes, provide comments and recommendations to the selected consultant for the development of proposed Master Plan to be presented for consideration and adoption by the City Council.

SECTION 2. The members of the Comprehensive Master Plan Advisory consisting of ____ Councilmembers and _____ residents to be appointed and serve at the pleasure of the City Council.

SECTION 3. The Comprehensive Master Plan Advisory shall hold their meetings in accordance with the Texas Open Meetings Act. The committee shall meet as needed and shall elect a Chairperson and Vice Chairperson amongst its membership to preside over meetings of the committee. Summary minutes shall be recorded, voted on at the next meeting, and provided to the City Council.

SECTION 4. The Comprehensive Master Plan Advisory Committee shall elapse and expire following City Council adoption of the of the Comprehensive Master Plan.

SECTION 5. This Resolution shall become effective immediately upon its passage.

DULY RESOLVED AND ADOPTED by the City Council of the City of Duncanville, Texas, on the 4th day of June, 2024.

APPROVED:

_____
Greg Contreras, Mayor

ATTEST:

_____
Chiquita Taylor, City Secretary

APPROVED AS TO FORM:

_____
Robert E. Hager, City Attorney

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Consider approval of Resolution 2024-279 establishing the Charles F. Ladd Nature Preserve Master Plan Advisory Committee, defining the scope of work for said committee, and appointing committee members.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Re-Imagine: High Quality of Life**
  - **Develop, maintain, and encourage safe, attractive, viable family-oriented neighborhoods that embrace diversity and pride, promoting economic vitality.**

STAFF RESPONSIBLE:
Bart Stevenson, Director of Parks and Recreation

BACKGROUND/HISTORY:
The City will soon be embarking on three critical master plan processes for the Ladd Nature Preserve, Dog Park, and an update to the Comprehensive Master Plan. As discussed with the City Council at the Briefing on May 21, 2024, each process will be best guided by a steering or advisory committee of elected officials and appointed committee members.

The City Council recently approved a Professional Services Contract with Halff and Associates to develop a master plan for the Charles F. Ladd Nature Preserve. The recommended ad-hoc advisory committee will work directly with Halff and Associates and City staff in the master planning process including providing history, knowledge, and feedback to the consultant regarding conceptual plans and recommendations, supporting and assisting with public input, and assisting with the creation of the final master plan concept for Council consideration.

It is expected that the Charles F. Ladd Master Plan Advisory Committee shall meet as necessary to assist the consultant in making a timely master plan recommendation. Following master plan approval by the City Council, the ad-hoc advisory committee will be disbanded and discontinued.

POLICY EXPLANATION:
The City Council of the City of Duncanville may create ad-hoc committees, and establish their scope of work and responsibilities at their discretion. This agenda item creates the ad-hoc committee, provides the anticipated scope of work, and provides appointments to the committee.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	**Purchase Amount**	**After Encumber**
N/A	N/A	N/A

ACTION ALTERNATIVES:

1. Approve Resolution 2024-279 creating the ad-hoc Charles F. Ladd Nature Preserve Master Plan Advisory Committee, establishing their scope of services, and making appointments to the committee.
2. Do not approve Resolution 2024-279.
3. Other actions as directed by Council.

ATTACHMENTS:
Duncanville.RESO 2024-279 Establishing Ladd Nature Preserve Master Plan

RESOLUTION NO. 2024-279

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, ESTABLISHING THE CHARLES F. LADD NATURE PRESERVE MASTER PLAN ADVISORY COMMITTEE, DEFINING THE SCOPE OF WORK; APPOINTING COMMITTEE MEMBERS; PROVIDING FOR MEMBERSHIP AND APPOINTMENT; PROVIDING FOR MEETINGS; PROVIDING FOR EXPIRATION; AND, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Council has determined that an ad-hoc Charles F. Ladd Nature Preserve Master Plan Advisory Committee should be established to provide input and assistance in the master planning process; and

WHEREAS, the City Council actively encourages its citizenry to participate in the process of master planning for its future.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, THAT:

SECTION 1. The Charles F. Ladd Nature Preserve Master Plan Advisory Committee is hereby established to be an ad-hoc committee created for the purpose of assisting with master planning processes, provide comments and recommendations to Halff and Associates for the development of proposed Master Plan to be presented for consideration and adoption by the City Council.

SECTION 2. The members of the Charles F. Ladd Nature Preserve Master Plan Advisory Committee consisting of _____ Councilmembers and _____ residents to be appointed and serve at the pleasure of the City Council.

SECTION 3. The Charles F. Ladd Nature Preserve Master Plan Advisory Committee shall hold their meetings in accordance with the Texas Open Meetings Act. The committee shall meet as needed and shall elect a Chairperson and Vice Chairperson amongst its membership to preside over meetings of the committee. Summary minutes shall be recorded, voted on at the next meeting, and provided to the City Council.

SECTION 4. The Charles F. Ladd Nature Preserve Master Plan Advisory Committee shall elapse and expire following City Council adoption of the Charles F. Ladd Nature Preserve Master Plan.

SECTION 5. This Resolution shall become effective immediately upon its passage.

DULY RESOLVED AND ADOPTED by the City Council of the City of Duncanville, Texas, on the 4th day of June, 2024.

APPROVED:

_____
Greg Contreras, Mayor

ATTEST:

_____
Chiquita Taylor, City Secretary

APPROVED AS TO FORM:

_____
Robert E. Hager, City Attorney

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Consider approval of Resolution 2024-280 establishing the Dog Park Master Plan Advisory Committee, defining the scope of work for said committee, and appointing committee members.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Re-Imagine: High Quality of Life**
  - **Develop, maintain, and encourage safe, attractive, viable family-oriented neighborhoods that embrace diversity and pride, promoting economic vitality.**

STAFF RESPONSIBLE:
Bart Stevenson, Director of Parks and Recreation

BACKGROUND/HISTORY:
The City will soon be embarking on three critical master plan processes for the Ladd Nature Preserve, Dog Park, and an update to the Comprehensive Master Plan. As discussed with the City Council at the Briefing on May 21, 2024, each process will be best guided by a steering or advisory committee of elected officials and appointed committee members.

The City Council recently approved a Professional Services Contract with Kimley-Horn and Associates to develop a master plan for the Charles F. Ladd Nature Preserve. The recommended ad-hoc advisory committee will work directly with Kimley-Horn and City staff in the master planning process including providing history, knowledge, and feedback to the consultant regarding conceptual plans and recommendations, supporting and assisting with public input, and assisting with the creation of the final master plan concept for Council consideration.

It is expected that the Dog Park Advisory Committee shall meet as necessary to assist the consultant in making a timely master plan recommendation. Following master plan approval by the City Council, the ad-hoc advisory committee will be disbanded and discontinued.

POLICY EXPLANATION:
The City Council of the City of Duncanville may create ad-hoc committees, and establish their scope of work and responsibilities at their discretion. This agenda item creates the ad-hoc committee, provides the anticipated scope of work, and provides appointments to the committee.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	**Purchase Amount**	**After Encumber**
N/A	N/A	N/A

ACTION ALTERNATIVES:

1. Approve Resolution 2024-280 creating the ad-hoc Dog Park Master Plan Advisory Committee, establishing their scope of services, and making appointments to the committee.
2. Do not approve Resolution 2024-280.
3. Other actions as directed by Council.

ATTACHMENTS:
Duncanville.RESO 2024-280 Establishing Dog Park Master Plan Advisory

RESOLUTION NO. 2024-280

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, ESTABLISHING THE DOG PARK MASTER PLAN ADVISORY COMMITTEE, DEFINING THE SCOPE OF WORK; APPOINTING COMMITTEE MEMBERS; PROVIDING FOR MEMBERSHIP AND APPOINTMENT; PROVIDING FOR MEETINGS; PROVIDING FOR EXPIRATION; AND, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Council has determined that an ad-hoc Dog Park Master Plan Advisory Committee should be established to provide input and assistance in the master planning process; and

WHEREAS, the City Council actively encourages its citizenry to participate in the process of master planning for its future.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, THAT:

SECTION 1. The Dog Park Master Plan Advisory Committee is hereby established to be an ad-hoc committee created for the purpose of assisting with master planning processes, provide comments and recommendations to Kimley-Horn and Associates for the development of proposed Master Plan to be presented for consideration and adoption by the City Council

SECTION 2. The members of the Dog Park Master Plan Advisory Committee consisting of ____ Councilmembers and _____ residents to be appointed and serve at the pleasure of the City Council.

SECTION 3. The Dog Park Advisory Committee shall hold their meetings in accordance with the Texas Open Meetings Act. The committee shall meet as needed and shall elect a Chairperson and Vice Chairperson amongst its membership to preside over meetings of the committee. Summary minutes shall be recorded, voted on at the next meeting, and provided to the City Council.

SECTION 4. The Dog Park Advisory Committee shall elapse and expire following City Council adoption of the Dog Park Nature Preserve Master Plan.

SECTION 5. This Resolution shall become effective immediately upon its passage.

DULY RESOLVED AND ADOPTED by the City Council of the City of Duncanville, Texas, on the 4th day of June, 2024.

APPROVED:

_____
Greg Contreras, Mayor

ATTEST:

_____
Chiquita Taylor, City Secretary

APPROVED AS TO FORM:

_____
Robert E. Hager, City Attorney

4861-5046-8803, v. 1

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Consider a resolution authorizing approval of an incentive grant by the Duncanville Community & Economic Development Corporation (DCEDC) to Sharon's Loving Home Health Care, LLC, in an amount not to exceed $6,473.35 for a building located at 436 North Main Street. Duncanville, Texas, 75137.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Promote: Innovative Ideas for Development and Re-development**
  - **Pursue a diverse and robust economy through various business, housing, and employment opportunities that encourage forward-thinking community and economic development.**

STAFF RESPONSIBLE:
Jeremiah Brewer, MPA; Economic Development Administrator

BACKGROUND/HISTORY:

The City of Duncanville Community and Economic Development Corporation (DCEDC) was formed in 1995. The Board of Directors oversees the DCEDC and allocates funds as part of Duncanville's comprehensive economic development plan. The DCEDC offers a variety of incentive grants designed to encourage redevelopment and beautification by providing financial resources to business owners for exterior property improvements. These tenets remain focal to the DCEDC economic development incentive policy which has since been revised on July 19th, 2022. The revisions have given the DCEDC more tools to spur economic development.

Grant money will be paid as a reimbursement after the project is complete. The recipient of the incentive grant must provide a written request including an affidavit of completion to the DCEDC Staff. The Building Permit Staff will then conduct an inspection of workmanship to ensure the project was completed according to all City Codes and Ordinances.

The owner of the Sharon's Loving Home Health Care, Ms. Chiquita Harris, has invested over $30,000 into the building on the property to date, and continues to make improvements. Ms. Harris is requesting approval of a $ 6,473.35 signage grant to be funded by the DCEDC grant, bringing the total investment into the business to $36,473.35.

Grant amounts approved by the DCEDC include:

* Signage Grant $ 6,473.35;

Total: $6,473.35

POLICY EXPLANATION:
The application by Sharon's Loving Home Health Care, LLC was approved by the DCEDC on April 22, 2024, an incentive grant totaling $6,473.35. The grant requires final approval by the City Council.

FUNDING SOURCE:

ORG and Object Number
12051000 (Development Incentives) - 708501 (Economic Development Incentives)

Available Budget	Purchase Amount	After Encumber
$2,262,000.00	$6,473.35	$2,255,526.65

ACTION ALTERNATIVES:
1. Approve the DCEDC incentive grant.
2. Do not approve funding.
3. Other actions as directed by Council.

ATTACHMENTS:
Resolution No. - 2024-259 - DCEDC Grant - Sharon_s Loving Home Health Care, LLC -- 436 North Main Street - Pdf
Exhibit A-Sharon's Loving Home Health Care Application
Exhibit B-Sharon's Loving Home Health Care Development Agreement

RESOLUTION NO. 2024-259

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, APPROVING THE TERMS AND CONDITIONS OF INCENTIVE GRANTS BY THE DUNCANVILLE COMMUNITY AND ECONOMIC DEVELOPMENT CORPORATION (DCEDC) TO SHARON'S LOVING HOME HEALTH CARE, LLC IN AN AMOUNT THAT SHALL NOT EXCEED $6,473.35 FOR A BUILDING LOCATED AT 436 NORTH MAIN STREET , DUNCANVILLE, TEXAS 75137; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Duncanville Community & Economic Development Corporation (DCEDC) offers economic development incentive grants to encourage redevelopment and beautification by providing financial resources to business owners for property improvements; and

WHEREAS, Sharon's Loving Home Health Care, LLC, occupies the building located at 436 North Main Street, Duncanville, Texas, 75137; and

WHEREAS, Sharon's Loving Home Health Care, LLC intends to install a new business sign on the exterior of the building; and

WHEREAS, the DCEDC Board of Directors voted to affirmatively approve an application of incentive grants that shall not exceed six-thousand and four-hundred and seventy-three dollars and thirty-five cents ($6,473.35); and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DUNCANVILLE, TEXAS, THAT:

SECTION 1. That the City Council of the City of Duncanville, Texas, hereby approves the terms and conditions of an incentive by the Duncanville Community and Economic Development Corporation to Sharon's Loving Home Health Care, LLC for reimbursement of sign installation in an amount not to exceed six-thousand and four-hundred and seventy-three dollars and thirty-five cents ($6,473.35), which is attached hereto and incorporated herein as Exhibit 'A'; and authorizing the City Manager to execute said grant agreements, after approval as to form by the City Attorney.

SECTION 2. If any provision of this Resolution is held unenforceable, then such provision will be modified to reflect the parties' intention. All remaining provisions of this Resolution shall remain in full force and effect.

SECTION 3. That this resolution shall take effect immediately from and after its passage as the law and charter in such cases provide.

DULY RESOLVED AND ADOPTED by the City Council of the City of Duncanville, Texas, on the 4th day of June, 2024.

APPROVED:

_____

Barry L. Gordon, Mayor

ATTEST:

_____

Chiquita Taylor, City Secretary

APPROVED AS TO FORM:

_____

Robert E. Hager, City Attorney

EXHIBIT "A"

Incentives & Grants Assistance Application

Property Owner Maurice Leon Miller Commercial Properties
Mailing Address 627 Mercury Avenue
City Duncanville State & Zip TX 75137
Phone 214-926-4366 Fax _____ Email Gianni@3LRealEstate.com

Project Representative Triple L Real Estate / Gianni LaBarba
Mailing Address 627 Mercury Avenue
City Duncanville State & Zip TX 75137
Phone 214-926-4366

Business Name Sharon's Loving Home HealthCare
Property Address 436 N. MAIN STREET
Will You Lease or Own the Property? Lease Legal Incorporation (Sole Proprietor, LLC, etc) LLC
Type of Business Home HealthCare Years in Business 2, but new company in Dallas area.
Business Plan and Portfolio Available? _____ (If yes, please attach)

Project Description
Outdoor Sign

See attached bids

Square footage of Project:___ Date Projected for Occupation of Project/Initiation of Operations___ April 2024

Fiscal Impact / Financial Background
Current Real Property Value $ _____
Estimated Property Investment (if applicable) $ _____
Current Sales / Gross Receipts / Revenue Generated $ _____
Additional Revenue to be Generated from Business Expansion (if applicable) $ _____
Sales Growth Expectations: Year One _____ Year Two _____ Year Three _____
Projected Total Annual Operating Budget of this Facility $ _____
Business Liabilities $ _____
What infrastructure construction would be required? mounting on Front of building
Interior Investments $ _____ Exterior Investments $ _____

Are you entering into a Loan? No If yes, please answer the following:
Loan Amount $ _____
Down Payment $ _____
Construction Price of Improvements or Buildings $ _____
Lending Institution _____
Lender's Address _____
Lender's Contact Person _____

Employment Impact
Total Number of Jobs _____ Total Annual Payroll $ _____
Type of Jobs Created Taking care of elderly and disabled clients who can no longer care for themselves or require assistance.
Percentage of Employees who will be Duncanville Residents _____
Number of Full-time Employees 2 Number of Part-time Employees _____

Just opening with two (2) employees, but will expand. Originally from St. Louis and new to Duncanville.

- Work cannot have started prior to submitting a completed application.
- Only fully completed applications will be eligible for consideration.
- All City/State laws, ordinances, and policies must be followed.
- The applicant must submit a current photo and a schematic/rendering of the property requiring the grant.
- 3 detailed bids; Duncanville businesses are preferred if the service is offered locally.
    - Bid information should also include the following:
        - Business Name
        - Contact Name
        - Contact Phone Number
        - Business Address
        - Cost of Services
- Grants, by default, are paid as a ***REIMBURSEMENT*** unless otherwise agreed upon.
- The City will take a "Before" photo of the property. After the **PAID Invoice** has been submitted, the City will inspect the work and take an "After" photo for comparison prior to issuing funds.
- An ***Attestation of Completion of Work*** will be required when requesting the grant disbursement.
- The approved project must be completed within six (6) months of City Council approval date, or the applicant will be required to present a project update to the DCEDC Board in order to ensure continued funding of project.
- The project and request for disbursement of the grant funds must be made prior to the one-year approval anniversary.
- Project funding is not a guarantee and is at the discretion of the DCEDC Board and the City Council.

EXHIBIT "A"

TYPE OF INCENTIVE GRANTS: *Place a check mark in the corresponding box of the grant(s) you are applying for.*

☐ **Sales Tax Grant**

Amount Requested $ _____

Estimated Annual Sales Generated $ _____

Program Specifications:

1. New and existing businesses may qualify for a rebate grant based on a percentage of sales received by the City.
2. Sales Tax Grants are for a maximum of ten (10) years.
3. Grants are paid in annual installments within ninety (90) days after the end of each twelve-month calendar period following the issuance of a certificate of occupancy or other commencement date if no certificate of occupancy is required.

☐ **Business Retention and Expansion Grant**

Amount Requested $ _____

Program Specifications:

1. Duncanville businesses operating within City limits for at least three (3) years that are at-risk of relocating or are looking to expand business operations outside of Duncanville are eligible for up twenty-five hundred dollars ($2,500) per full-time employee making at least eighty-percent (80%) of the Dallas County median wage.
2. To qualify, businesses must prove through a bonafide incentive offer or pending lease agreement that they are seeking relocation or expansion outside of Duncanville. A notarized attestation may substitute the lease or incentive agreement.

☐ **Paint Grant**

Amount Requested $ _____

Program Specifications:

1. The Paint Grants were established to assist small business owners with refurbishing the exterior of a commercial building in need of fresh paint.
2. Eligible costs include: Supplies, cost to appropriately prepare surfaces of the building, and labor costs.
3. Only buildings that have been previously painted and need to be repainted qualify for a grant unless special circumstances arise.
4. New construction projects are not eligible.
5. Buildings can only qualify every five (5) years for a paint grant unless special circumstances arise.

Attach the following documentation to the application:

1. Current photo of building.
2. A sketch, drawing, architectural rendering, or computer image of the proposed building or a current photo of the building that shows where the different paint colors will be applied.
3. Color samples of proposed paint. Be sure to identify brand/name/number of color.

EXHIBIT "A"

Program Specifications:

1. Landscape Grants were established to broaden the City's focus on curb appeal and encompass Duncanville's business corridors.
2. Eligible costs include: Materials, labor costs, permit/tap fees.
3. Plants must be perennials.
4. Drought tolerant and/or Texas native plants are encouraged.
5. Properties can only qualify every five (5) years for a landscaping grant unless special circumstances arise.

Attach the following documentation to the application:

1. A photo of the current landscaping and property.
2. A sketch, drawing, architectural rendering, or computer image of proposed landscape including a list of all plants to be used.
3. Contractor license irrigation number on each bid. A working irrigation system is required for a Landscape Participation Grant.
4. A letter describing how your company plans to maintain the landscaping.

☒ **Signage Grant** Amount Requested $ _____

Program Specifications:

1. Signage Grants were established to assist small existing business owners with the costs associated with replacing and updating nonconforming signs to the City's current standards, or new signs for existing businesses that have been at the current location for a minimum of one (1) year, or for new businesses that have been in business outside the city limits for a minimum of three (3) years.
2. Eligible costs include sign, labor costs, sign permit fee.
3. A City of Duncanville sign permit is required in order to receive reimbursement for the sign.

Attach the following documentation to the application:

1. A current photograph of the business showing the sign to be replaced.
2. A sketch, drawing or computer image of proposed new signage.

☐ **Façade and Architectural Improvement Grant** Amount Requested $ 6,473.35

Program Specifications:

1. The architectural aesthetic and beauty of the façade of a building enhances property values and encourages people to visit Duncanville.
2. The DCEDC will consider all Façade and Architectural Improvement Grants that enhance that façade and beautifies the building and surrounding area.

☐ **Pavement Grant** Amount Requested $ _____

Program Specifications:

1. The paving and repaving of impervious surfaces is one of the most expensive and frequent barriers to the redevelopment of commercial locations.
2. The DCEDC shall consider incentives to assist in the repaving of impervious surfaces to bring them up to code and safety standards to ensure code compliance promote business expansion and investment.

☐ **Demo, Redevelopment, Reuse Grant** Amount Requested $ _____

Program Specifications:

1. Applicant's buildings must be subject to property taxes and applicant must be current on all taxes.
2. Applicant must agree to demolish, redevelop, or renovate the existing residential or commercial structure and build back a structure of greater value at the same location.
3. Applications must be submitted with an estimated project budget documentation and approved by the DCEDC and/or City Council before projects are started.
4. Rebuild, redevelopment, reuse, or renovations must equate to at least 51% of the most recent August 1 Dallas County Appraisal District assessed value.
5. Residential and Commercial structures must be built back in accordance with the agreement signed with the City or the incentive will be forfeited and any funds dispersed must be returned to the City within a reasonable timeframe not to exceed six (6) months or the City is entitled to pursue legal action to recover said funds and reasonable attorneys' fees and expenses incurred by reason of such action.
6. All applications must include renderings (site plans) of the proposed project and include the current value of the property and the proposed value of the demo, redevelopment, or reuse.
7. Demo, Redevelopment, or Reuse of the building must be completed within twelve (12) months of receiving the building permit to be eligible for the reimbursement of the incentive.
8. For single-family projects, ownership must be transferred to an individual that will occupy the home within two years of project completion.

1. Type B EDC's may assist in the development of infrastructure that has a public benefit.
2. Eligible costs include exterior water and sewer improvements, grease traps, and street and drainage related improvements.

EXHIBIT "A"

Attach the following documentation to the application:

1. Stamped engineering plans that outline in detail the scope of work.

☐ **Other Incentive**_____ Amount Requested $ _____

Total Grant Amount Requested $ 6,473.35

******If all requirements are not followed, the DCEDC Board has the authority to reject the grant request as well as not issue the grant funds for approved requests.***

AGREEMENT: I hereby certify that, to the best of my knowledge, all information submitted in the above Incentives & Grants Application and all attachments are correct and accurate. I understand that by completing this application, I am making a formal request to receive an economic development grant for our company that is contingent based upon the acceptance/approval of the DCEDC Board and Duncanville City Council. I understand that the project workmanship must be approved by the City before grant money can be disbursed. Additionally, I understand that incentive or grant money is traditionally paid at the completion of the project as a reimbursement and that in order to be eligible for any type of DCEDC funding, a request must be made prior to the commencement of the project. I also understand that the review and approval process will take a minimum of 30 days and that it is my responsibility to ensure that our project meets all City ordinances and/or requirements. I understand that all completed work is required to be reviewed and inspected by the Building Official or their designee. A Letter or Attestation of Completion of Work must be submitted to the City. I also understand that the approval of an incentive or grant is effective for one year from the date of City Council approval, and the project and request for disbursement of the grant funds must be made prior to the one-year approval anniversary unless otherwise approved through corrective action. In addition, if the project is not completed within six months of the City Council approval date, I will be required to present an update to the DCEDC Board at their next regular meeting.

Printed Name CHIQUITA HARRIS **Date** APR 0 2 2024

Signature Chiquita Harris

Sharon's Loving Home Health Care

Duncanville
City of Champions

City of Duncanville
Economic Development
203 E. Wheatland Road
Duncanville, TX 75116
972.780.5090
www.DuncanvilleEDC.com

Sharon's Loving Home Health Care
436 N. Main Street
Duncanville, Texas 75116
940-488-5105 940-365-4295

EXHIBIT "A"

HEALTHCARE
436 N Main St
Duncanville, TX

QUOTE #	DATE
1881	03/25/2024

PAYMENT TERMS
50% Down 50% Due Day of Delivery/Install/Pickup

DESCRIPTION

LED ILLUMINATED CHANNEL LETTERS FOR "SHARON'S LOVING HOME HEALTHCARE"
RETURN: 5" BLACK ALUMINUM TRIM CAP: 1" BLACK FACE: WHITE ACRYLIC LIGHTING: WHITE LEDS
BACKPLATE: BLACK ALUMINUM

INSTALLATION is included in price

SIGN PERMIT is included in price and will be obtained by our company.

We propose to furnish material and labor - complete in accordance with the above specifications.

Conditions: Banners are not guaranteed against winds. Signs/product(s) remain property of EZSignworks until paid in full. You grant permission for removal of sign/product if unpaid or if installation services are not paid in full.

Thank you for the opportunity to provide you with an estimate.

SUBTOTAL	3,712.00
TAX	249.32
TOTAL	**$3,961.32**

Accepted By

Accepted Date

All material is guaranteed to be as specified. All work to be completed in a workmanship manner according to standard practices. Any alteration involving extra costs will be executed upon written orders & will be an extra charge. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance.

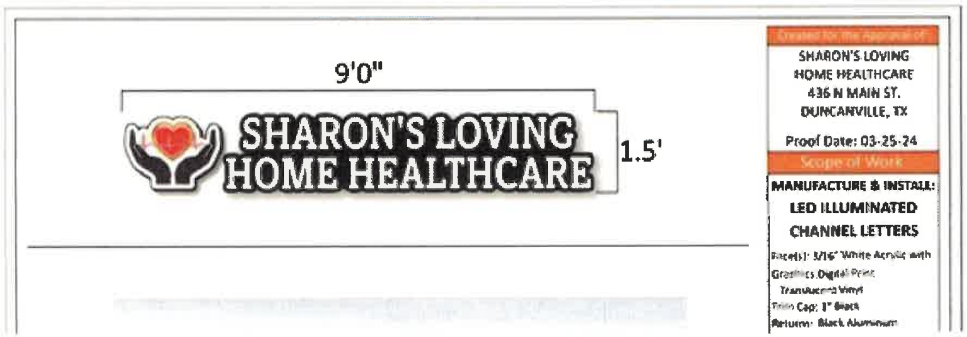


EXHIBIT "A"

PO#:

Phone#:

Email: C.harris@sharonshomehealthcare.org

Phone#: 940-365-4295

DESCRIPTION

Prepare new sign artwork including measurements, callouts, colors (if known) and a cross-section (if needed) for the customer's approval.

Fabricate 18"x22" (nominal) front-lit channel capsule with "mechanically welded construction (not stapled) and 4 strokes of SolarBrite™ LED lighting.
(1) color of vinyl overlay will be used, color translucent white
1in trimcap will be used, Jewelite with an aluminum core and SolarGuard™ protection (color black).
Faces will be 1/8in Plexiglas (color black with white lettering.
Returns will be 5" deep, made from .040 aluminum (color black).
Channel backs will be made of .063 aluminum.

Fabricate 15"x72" (nominal) front-lit channel capsule with "mechanically welded construction (not stapled) and 3 strokes of SolarBrite™ LED lighting.
(1) color of vinyl overlay will be used, color TBD.
1in trimcap will be used, Jewelite with an aluminum core and SolarGuard™ protection (color black).
Faces will be 1/8in Plexiglas digital print).
Returns will be 5" deep, made from .040 aluminum (color black).
Channel backs will be made of .063 aluminum.

This sign will be UL or ETL Listed for installation anywhere Listing is required (anywhere in Texas).

Permit application/preparation and inspection labor are included.

Installation is included.

YOUR COST*:	$3466
EXTENDED WARRANTY:	Additional
ENGINEER'S DRAWING:	Additional if required
INSTALLATION:	Included
ELECTRICAL HOOK-UP**:	Included with install (within 6' of sign)
TOTAL TAX:	Plus Tax $285.98
PERMITTING FEES:	Additional (at cost) if required
3rd Party Fees**:	Additional (at cost) if required
LESS DEPOSIT:	50% $1876
BALANCE DUE:	Before shipment, delivery or install.

*Monthly payment plans available. 3% Service Fee is charged on credit card payments

Regulated by the Texas Department of Licensing and Regulation - P.O. Box 12157, Austin, Texas 78711 - 1-800-803-9202 - 512-463-6599 / License #TSEC 18013, TSEC 18016, TSEC 17983 / www.tdlr.texas.gov

Permit Necessary? Yes

CUSTOMER SIGNATURE

Proposal Valid For 7 Days

18% APR WILL BE CHARGED ON PAST DUE BALANCES

SEE TERMS & CONDITIONS (ATTACHED)

Our warranty does not apply to electric signs fed by improper wiring
Hourly calculations also include travel to/from the job location

The sign will light beautifully as we use the

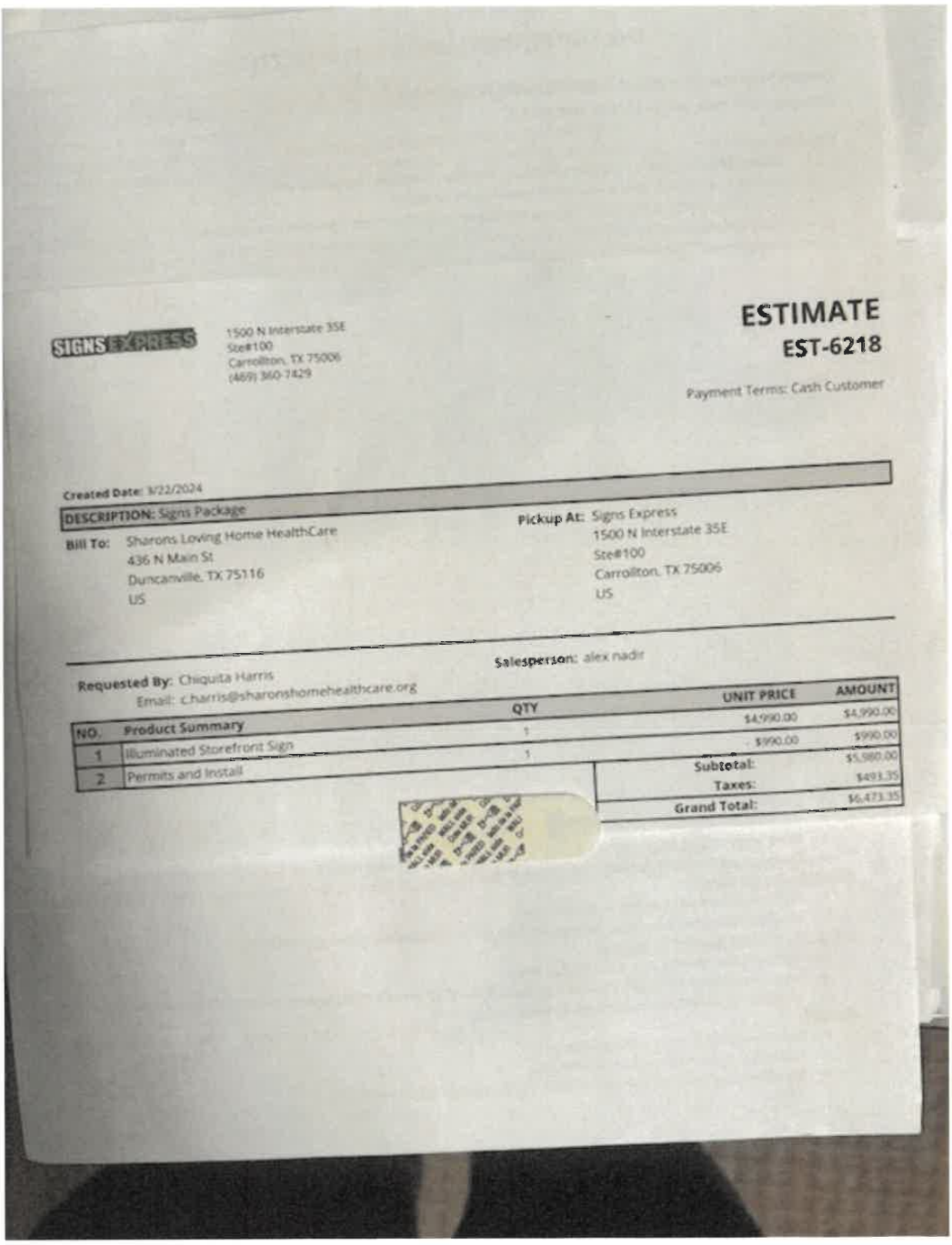
GUARANTIES & WARRANTIES

All Guaranties and Warranties are transferable to subsequent owners of a sign both manufactured and installed by Signs Manufacturing™ so long as all financial and other obligations have been fulfilled.

5-Year Guarantee

If ANY manufactured part of a new lighted sign we manufactured and installed fails in the first 5 years of

EXHIBIT "A"



SIGNS EXPRESS

1500 N Interstate 35E
Ste#100
Carrollton, TX 75006
(469) 360-7429

ESTIMATE
EST-6218

Payment Terms: Cash Customer

Created Date: 3/22/2024

DESCRIPTION: Signs Package

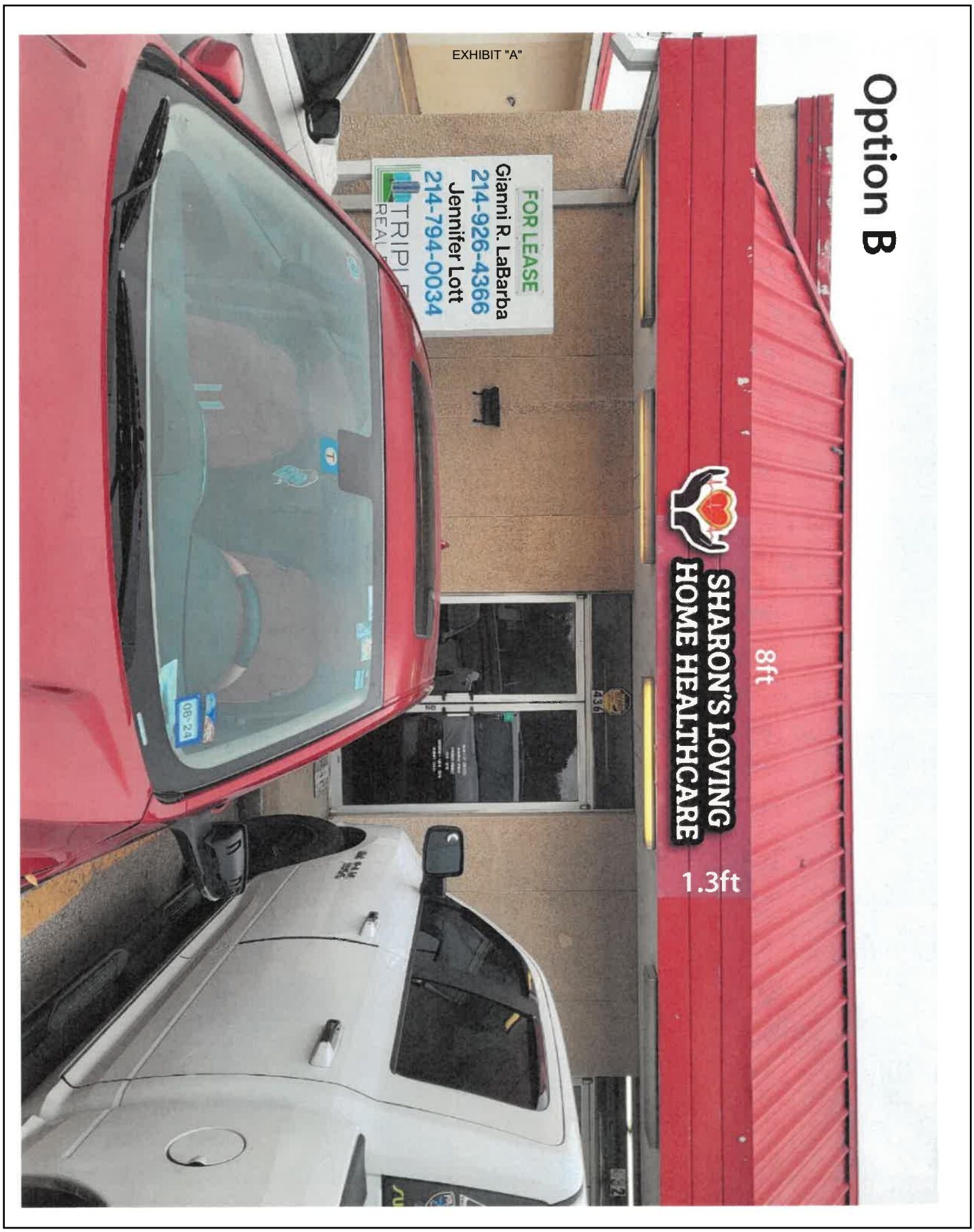
Bill To: Sharons Loving Home HealthCare
436 N Main St
Duncanville, TX 75116
US

Pickup At: Signs Express
1500 N Interstate 35E
Ste#100
Carrollton, TX 75006
US

Requested By: Chiquita Harris
Email: c.harris@sharonshomehealthcare.org

Salesperson: alex nadir

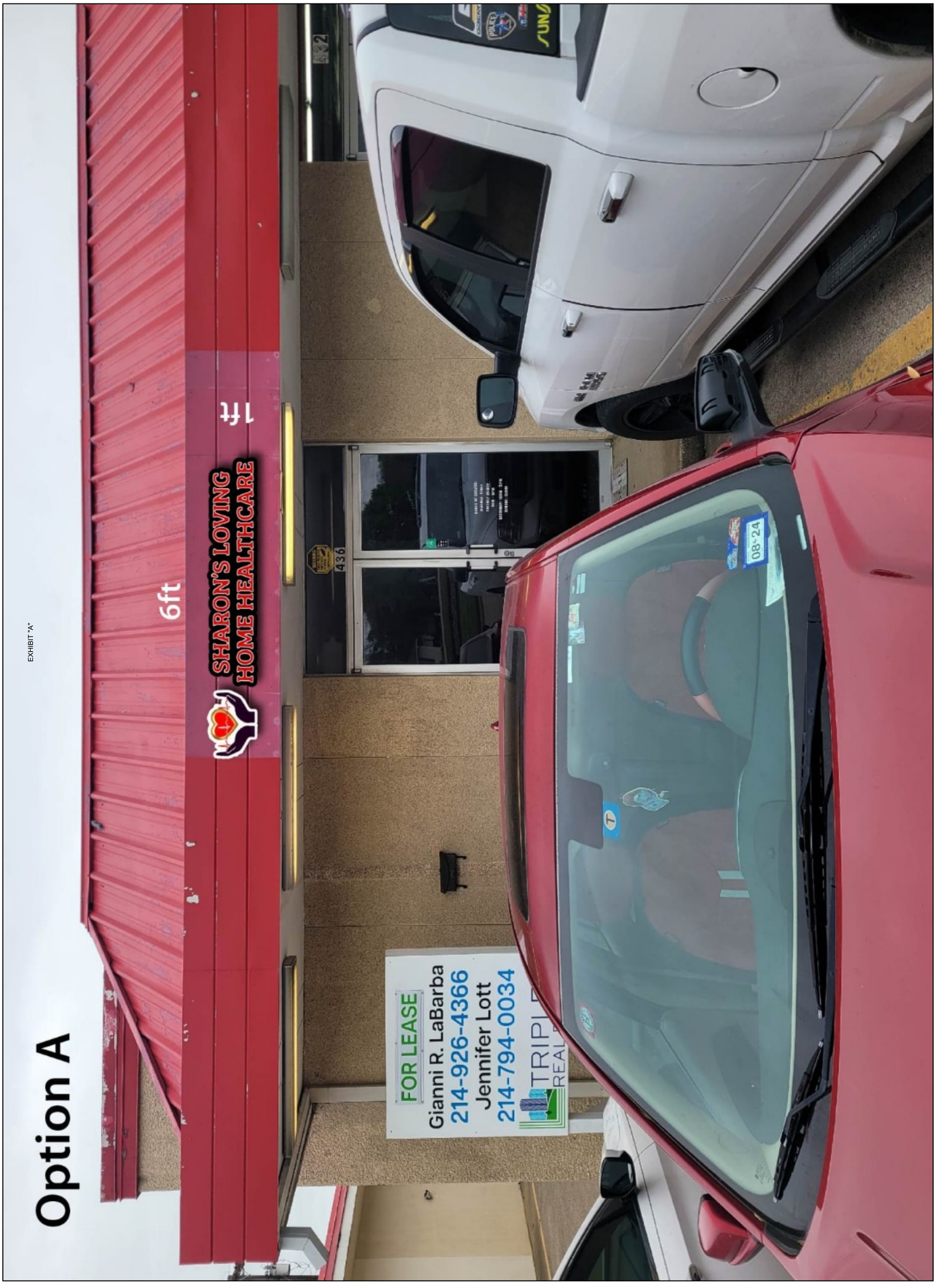
NO.	Product Summary	QTY	UNIT PRICE	AMOUNT
1	Illuminated Storefront Sign	1	$4,990.00	$4,990.00
2	Permits and Install	1	$990.00	$990.00
			Subtotal:	$5,980.00
			Taxes:	$493.35
			Grand Total:	$6,473.35


Option B
EXHIBIT "A"
8ft
SHARON'S LOVING
HOME HEALTHCARE
1.3ft
FOR LEASE
Gianni R. LaBarba
214-926-4366
Jennifer Lott
214-794-0034

Option B
8ft
SHARON'S LOVING
HOME HEALTHCARE
1.3ft
436
FOR LEASE
Gianni R. LaBarba
214-926-4366
Jennifer Lott
214-794-0034
08-24

EXHIBIT "A"

Option A



FASTSIGNS
Make Your Statement

743 Brick Row
Suite 300
Richardson, TX 75081
(214) 499-9724

EXHIBIT "A"

ESTIMATE
EST-5053

fastsigns.com/2287

Chase Bank

DESCRIPTION: Cloud Cabinet Sign w/ LED Lights

Bill To: Sharon's Home Healthcare
436 North Main St.
Duncanville, TX 75116
US

Pickup At: FASTSIGNS 18001
743 Brick Row
Suite 300
Richardson, TX 75081
US

Requested By: Chiquita Harris
Email: c.harris@sharonshomehealthcare.org
Work Phone: (940) 365-4295

Salesperson: Darrin Lawrence

	PRODUCTS	QTY	UNIT PRICE	TOTALS
1	**Cloud Cabinet Sign w/ LED Lights** SHARON'S LOVING HOME HEALTHCARE 8' W x 1.3' H	1	$4,818.00	$4,818.00
1.1	Sign Cabinet -			
1.2	Permit Acquisitions -			
1.3	Permit -			
1.4	Installation -			

Subtotal:	$4,818.00
Taxes:	$397.49
Grand Total:	$5,215.49
Deposit Required:	$2,607.75

50% deposit required to pull permits, procure materials and produce sign. The remaining 50% is due upon completion of the installation of the sign.

There are no refunds once the invoice has been paid by the customer and put into design or production. Customers will be responsible for all production costs associated with the order and invoiced accordingly.

If the customer is installing the order themselves, FASTSIGNS of Richardson is not responsible for any errors that may occur during the installation process. Once the customer leaves the store with the order, they assume any and all liability for the order.

Installation does not include ANY removal, unless the estimate/ invoice explicitly says the removal is included.

For installations/ removals, we require at least 48 hours notice for cancellations, or a cancellation fee may apply. We reserve the right to determine the point at which weather conditions become too adverse to continue work.

EXHIBIT "A"

FASTSIGNS of Richardson does not guarantee color matching, nor assumes responsibility for any errors in an order/ design if the customer previously approved the order/design. Any corrections will be at the expense of the customer.
PLEASE NOTE: The color on your display may vary from the actual ink, paint, material etc.

The order minimum is $50 before tax.

ESTIMATES ARE GOOD FOR 10 DAYS. After 10 days, the price is subject to change to account for the increase in the costs of materials, etc.

FASTSIGNS of Richardson will hold orders pending pickup for 90 days. After that they may be disposed of.

VEHICLES: In all estimates, we assume that vehicle surfaces are clean and in good condition. Surfaces that are not clean and in good condition may require additional prep labor and fees may apply. All new paint must be properly cured (minimum 30 days) before vinyl installation.

WARRANTY: For vehicle graphics, the performance of any film is warranted by the manufacturer and we can provide product bulletins for the film being used on your vehicle upon request. For banners, signs, and all other products that FASTSIGNS manufactures or installs, there are no manufacturer's warranties implied. Please notify us of any defects immediately upon receipt or installation. Once the customer receives the finished product, the customer assumes total and complete liability for the product.

MARKETING: By proceeding with any order, customers acknowledge that FASTSIGNS may include photos/video of the work completed in our marketing materials including but not limited to our website, social media, and printed brochures as an example of our work. Please notify us in writing/email when you place your order if you do not agree.

ORDINANCES: Customer is responsible for insuring that all signage ordered will meet all necessary regulations & ordinances except for city/county sign permits that FASTSIGNS has been hired to obtain in advance of manufacturing & installation (will appear on estimate/invoice). FASTSIGNS may assist customer but is not responsible for obtaining approvals from private entities such as landlords or community associations. Please inform us of required approvals before placing an order so that we do not begin production until approvals are received.

Each FASTSIGNS is individually owned and operated.

EXHIBIT "A"

From: Chiquita Harris
To: Jeremiah Brewer
Subject: Resending Sign Quotes
Date: Friday, April 19, 2024 11:28:59 AM
Attachments: IMG_2409.png
customer_estimate_4078_4_19_2024.pdf

I've attached the quotes per your request.
The Option A& B Signs are from signs express (option A is the color I choose but option B is the size I choose)
The number I've put in this unit so far is 10,000 that's not including all items purchased to make it an office.

I'll gather before and after pictures that I have as well and get them to you
Thanks for your call!
Chiquita Harris
(940)343-2595

EXHIBIT "B"

STATE OF TEXAS	§	**ECONOMIC DEVELOPMENT**
	§	**INCENTIVE AGREEMENT**
COUNTY OF DALLAS	§	

ECONOMIC DEVELOPMENT INCENTIVE AGREEMENT

This Economic Development Incentive Agreement ("Agreement") is made by and between the Duncanville Community and Economic Development Corporation, a Texas non-profit corporation (the "DCEDC") acting by and through Kenneth Govan its duly authorized DCEDC President, and Sharon's Loving Home Health Care, LLC acting by and through Chiquita Harris, Owner, its duly authorized representative (the "Applicant").

RECITALS

WHEREAS, the Duncanville Community and Economic Development Corporation (DCEDC) established incentive policies and guidelines in order to locate, retain, and expand business activities in Duncanville; and

WHEREAS, the Applicant, has requested economic development assistance from the DCEDC for their property located at 436 North Main Street, Duncanville, Texas 75137 hereinafter known as the "Project"; and

WHEREAS, the incentive funds awarded are to be utilized for qualified expenditures on a reimbursement basis related to a signage improvement in an amount not to exceed six-thousand and four-hundred and seventy-three dollars and thirty-five cents ($6,473.35); and

WHEREAS, reimbursement of incentive funds is conditional on The Applicant bringing the property up to compliance with all City of Duncanville codes and ordinances and securing a bona fide lease agreement with a tenant; and

WHEREAS, the Applicant, meets all program requirements in order to be considered for incentive grant assistance; and

WHEREAS, pursuant to Texas Local Government Code Chapters 501 through 505, (the Development Corporation Act), the DCEDC has determined that the request constitutes an authorized project and DCEDC is willing to provide the Applicant with economic assistance in the form of cost reimbursements as hereinafter set forth on the terms and conditions stated herein and the Applicant, is willing to accept all terms and conditions stated in this Agreement; and

WHEREAS, the DCEDC has determined that making economic development grants in accordance with this Agreement will further the objectives of the DCEDC and will benefit the DCEDC, the City, and the city's residents by helping to stimulate local economic development through beautification and site readiness for investment and development, increase the City's yearly ad valorem collections, increase sales tax, and encourage economic vitality in

the city,

NOW, THEREFORE, in consideration of the mutual benefits and promises contained herein and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

ARTICLE I. AUTHORIZATION

1.01. The City Council finds and determines that this Agreement is authorized and governed by Texas Local Government Code Chapters 501 through 505.

ARTICLE II. TERM

2.02. This Agreement shall be effective as of the date of execution by all parties with specific performance standards being met by **November 21, 2024**, unless otherwise terminated as provided for in this.

ARTICLE III. GRANT

3.01. **Economic Development Incentives**.

As an economic development incentive grant to assist the Applicant located at 436 North Main Street, Duncanville, Texas, 75137 in Duncanville, Texas, the DCEDC agrees to provide a one-time reimbursement grant in an amount not to exceed a total of $6,473.35 for a signage improvement incentive grant of the building occupied by the Applicant subject to the terms and conditions set forth in this Agreement. Grant reimbursement payment will be made if funds are available from sales tax proceeds once all the Applicant performance standards have been met and nothing contained herein shall constitute a contract for goods or services under the law.

3.02. The Applicant shall file a written proposal and plans with the DCEDC which shall provide detail plans concerning the use of funds to achieve the purposes recited herein.

ARTICLE IV. COVENANTS OF Sharon's Loving Home Health Care, LLC

4.01. As a condition precedent and in consideration of the DCEDC agreeing to make the economic development signage improvement incentive grant described above, and to be eligible to receive reimbursement, the Applicant agrees to do the following:

(a) Cause the improvements as defined herein to be actually made at the address indicated herein; and

(b) Provide a copy of the grant reimbursement request form along with original copies of the actual paid invoices for expenses within the provisions to Article III the business incurred before **November 21, 2024**, at 5 p.m.; and

(c) Provide proof of legal ownership of the specified location of Sharon's Loving

Home Health Care, LLC, the promises in the agreement; and

(d) A signage improvement incentive grant shall mean an amount not to exceed $6,473.35 for improvements to the signage improvements for the property owned by the Applicant located at Sharon's Loving Home Health Care, LLC; and

(e) Receive a certificate of occupancy on or before **November 21, 2024**; and

(f) Pay any property or City sales tax due before or on **November 21, 2024**; and

(g) During the term of this Agreement, the Applicant, agrees not to knowingly employ any undocumented workers or unlicensed contractors and/or subcontractors at the development, and if convicted of a violation under 8 U.S.C Section 1324a(f), the Applicant, shall repay the amount of the grant payments received within 130 business days after the date the Applicant, is notified by the City of such violation, and this agreement automatically terminates.

(h) If work is found to be incomplete within the timeline provided in Article IV, the Applicant, may request via written documentation an extension of 30 business days to complete work. If the work remains incomplete by the end of this extension, the Applicant, will be found in violation of this agreement and the terms of this agreement are automatically terminated and the Applicant will indemnify the DCEDC of any obligations related to grants and incentives that are withheld.

ARTICLE V. GENERAL PROVISIONS

5.01. **Termination and Default.** This Agreement terminates upon any one of the following:

(a) By the Applicant, through mutual written agreements of both parties; and

(b) By DCEDC, if the Applicant, files any false documentation concerning the application or receipt of the Grant; and

(c) By DCEDC and the Applicant, respectively, if the other party defaults or breaches any of the terms or conditions of this Agreement and such default or breach is not cured within thirty (30) days after written notice thereof by the non-breaching party; and

(d) By DCEDC, if any taxes, fees, impositions or charges owed to the DCEDC, the City of Duncanville, or the State of Texas by the Applicant, shall have become delinquent (provided, however, that such taxes, fees, or charges shall not be considered delinquent for purposes of this Section 5.1(c) until any proper and timely protest or contest of such taxes or fees has become final); and

EXHIBIT "B"

(e) By DCEDC, if the Applicant suffers an Event of Bankruptcy or Insolvency; and

(f) By DCEDC and the Applicant, respectively, if any subsequent federal or state legislation or any decision of a court of competent jurisdiction declares or renders this Agreement invalid or illegal; and

(g) By DCEDC, if insufficient funding is available to provide the grant contemplated herein. In such event, the DCEDC shall give the Applicant not less than fifteen (15) days notice of its intent to terminate; and

(h) By DCEDC, if any other material provisions of this Agreement is breach by the Applicant.

"Event of Bankruptcy or Insolvency" shall mean the dissolution or termination of the Applicant existence, insolvency, employment of receiver for any part of
Owner's Property and such appointment is not terminated within ninety (90) days after such appointment is initially made, any general assignment for the benefit of creditors or the commencement of any proceedings under any bankruptcy or insolvency laws by or against Owner and such proceedings are not dismissed within ninety (90) days after the filing thereof,

5.02. **Recapture Provision.** In the event the Applicant does not comply with the terms of this Agreement or is otherwise in default as provided herein, the Applicant pursuant to the provisions herein shall refund the DCEDC the Grant Payments actually paid by DCEDC and received by the Applicant immediately preceding the date of such termination. If the payment is not refunded within 30 days of termination, the Applicant will indemnify the DCEDC of any fees or costs related to recuperating funs owed to the DCEDC, plus interest and attorney fees.

5.03. **Mutual Assistance.** The Applicant and the DCEDC shall do all things necessary or appropriate to carry out the terms and provisions of this Agreement and to aid and assist each other in carrying out the terms and provisions hereof.

5.04. **Representations and Warranties.** The Applicant represents and warrants to the DCEDC that it is a duly organized company under the laws of the State of Texas and is in good standing and can execute the terms of this agreement.

5.05. **Employee Hiring, Materials, and Supplies Purchased.** Although not a condition of this Agreement, the DCEDC requests that the Applicant when feasible, satisfies its needs for all additional employees from Duncanville residents and/or purchases materials and supplies from Duncanville merchants and businesses.

5.06. **Section or Other Headings.** Section or other headings contained in this Agreement are for reference purposes only and shall not affect in any way the meaning or interpretation of this Agreement.

5.07. **Verification and Compliances.** The Applicant agrees to allow the DCEDC's to conduct

an audit all of the Applicant business records, documents, and agreements or other instruments, subject to appropriate confidentiality, in furtherance of the following purposes only:

(a) To ensure the Applicant compliance with the affirmative covenants set forth in this Agreement; and

(b) To determine the existence of a default or breach of the terms of this Agreement; and

(c) To ensure compliance with the prerequisites for paying a Reimbursement Incentive; and

(d) To determine whether the correct amount of sales taxes are being collected and reported.

The DCEDC will provide the Applicant with written notice of any request for an audit and shall cooperate with the Applicant to schedule audit activities so as to minimize disruption of the Applicant normal business operations.

5.08. **Indemnification.** IN PERFORMING ITS OBLIGATIONS UNDER THIS AGREEMENT, THE APPLICANT IS ACTING INDEPENDENTLY, AND THE DCEDC ASSUMES NO RESPONSIBILITIES OR LIABILITIES TO THIRD PARTIES IN CONNECTION WITH THE APPLICANT BUSINESS OR PROPERTY. THE DCEDC SHALL NOT BE LIABLE TO THE APPLICANT, ITS AGENTS, EMPLOYEES OR CONTRACTORS, FOR ANY DAMAGE TO PERSONS OR PROPERTY. IN THIS RESPECT, THE APPLICANT AGREES TO INDEMNIFY AND HOLD THE DCEDC HARMLESS AGAINST ANY AND ALL CLAIMS, LIABILITY, DEMANDS, DAMAGES, COSTS AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, ARISING FROM THE CONDUCT OR MANAGEMENT OF THE APPLICANT, OR FROM ANY BREACH ON THE PART OF THE APPLICANT OF ANY CONDITIONS OF THIS AGREEMENT OR FROM ANY ACT OF NEGLIGENCE OF THE APPLICANT, ITS AGENTS, CONTRACTORS, OR EMPLOYEES.

5.09. **Attorneys Fees.** In the event any legal action or process is commenced to enforce or interpret provisions of this Agreement, the prevailing party in any such legal action shall be entitled to recover its necessary and reasonable attorneys' fees and expenses incurred by reason of such action.

5.10. **Entire Agreement.** This Agreement contains the entire agreement between the parties with respect to the transaction contemplated herein.

5.11. **Amendment.** This Agreement may only be amended, altered, or revoked by a written instrument signed by the Applicant, DCEDC, and the City.

5.12. **Successors and Assigns.** This Agreement shall be binding on and inure to the benefit of the parties, their respective successors and assigns. The Applicant may not assign all or any part of its rights and obligations hereunder without prior written approval of the DCEDC.

EXHIBIT "B"

5.13. **Notice.** Any notice and/or statement required and permitted to be delivered shall be deemed delivered by depositing same in the United States mail, certified with return receipt requested, postage prepaid, addressed to the appropriate party at the following addresses, or at such other addresses provided by the parties in writing:

Owner: Sharon's Loving Home Health Care, LLC
Attention: Chiquita Harris
436 N. Main Steet
Duncanville, Texas 75137

With a copy to:

Robert E. Hager
Nichols, Jackson, Dillard, Hager & Smith, LLP
1800 Ross Tower
500 N. Akard St.
Dallas, Texas 75201

City: City of Duncanville
Attention: Douglas Finch
P.O. Box 380280
Duncanville, Texas 75138-0280

DCEDC: Duncanville Community and Economic Development Corporation
Attention: Kenneth Govan
P.O. Box 380280
Duncanville, Texas 75138-0280

5.14. **Interpretation.** Regardless of the actual drafter of this Agreement, this Agreement shall, in the event of any dispute over its meaning or application, be interpreted fairly and reasonably, and neither more strongly for or against any party.

5.15. **Applicable Law.** This Agreement is made, and shall be construed and interpreted under the laws of the State of Texas and venue shall lie in Dallas County, Texas.

5.16. **Severability.** In the event that any provision of this Agreement is illegal, invalid, or unenforceable under present or future laws, then, and in that event, it is the intention of the parties hereto that the remainder of this Agreement shall not be affected thereby, and it is also the intention of the parties to this Agreement that in lieu of each clause or provision that is found to be illegal, invalid, or unenforceable, a provision shall be added to this Agreement which is legal, valid and enforceable and is as similar in terms as possible to the provision found to be illegal, invalid or unenforceable.

5.17. **Counterparts.** This Agreement may be executed in multiple counterparts, each of which shall be considered an original, but all of which shall constitute one instrument.

5.18. **No Joint Venture.** Nothing contained in this Agreement is intended by the parties to create a partnership or joint venture between the parties.

5.19. **Approval by the City of Duncanville, Texas.** This Agreement was approved by the City Council at its meeting on May 21, 2024.

Sharon's Loving Home Health Care, LLC

EXHIBIT "B"

_____
By: Sharon's Loving Home Health Care, LLC
Its: Owner
Date: _____, 2024

DUNCANVILLE COMMUNITY AND ECONOMIC DEVELOPMENT CORPORATION

_____
By: Kenneth Govan
Its: Board President
Date: _____, 2024

CITY OF DUNCANVILLE

_____
By: Douglas Finch
Its: City Manager
Date: _____, 2024

EXHIBIT "B"

Sharon's Loving Home Health Care, LLC Acknowledgement

STATE OF TEXAS §
§
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority in and for Dallas County, Texas, on this day personally appeared _____, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that they are the Chiquita Harris of Sharon's Loving Home Health Care, LLC, and that they are authorized by said to execute the foregoing instrument as the act of such Sharon's Loving Home Health Care, LLC for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the _____ day of _____, 2024.

_____
Notary Public in and for the State of Texas

_____
Type or Print Notary's Name

My Commission Expires:

_____

EXHIBIT "B"

Duncanville Community and Economic Development Corporation Acknowledgement

STATE OF TEXAS §
§
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority in and for Dallas County, Texas, on this day personally appeared _____, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that they are the Board President of the Duncanville Community and Economic Development Corporation, and that they are authorized by said to execute the foregoing instrument as the act of such Duncanville Community and Economic Development Corporation for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the _____ day of _____, 2024.

_____
Notary Public in and for the State of Texas

_____
Type or Print Notary's Name

My Commission Expires:

_____

EXHIBIT "B"

City of Duncanville Acknowledgement

STATE OF TEXAS §
§
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority in and for Dallas County, Texas, on this day personally appeared _____, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that they are the City Manager of the City of Duncanville, and that they are authorized to execute the foregoing instrument as the act of such City for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this the _____ day of _____, 2024.

_____
Notary Public in and for the State of Texas

_____
Type or Print Notary's Name

My Commission Expires:

_____

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Council to receive a briefing on special events process, reorganizational structure into Economic Development.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

STAFF RESPONSIBLE:
Douglas Finch, City Manager
LoLecia Day, Assistant Director of Economic Development
Angela Owens, Special Events Coordinator

BACKGROUND/HISTORY:

Council to receive a briefing on special events. As an FYI an updated ordinance was adopted in September of 2022.

POLICY EXPLANATION:

Council to receive a briefing on special events.

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	**Purchase Amount**	**After Encumber**
N/A	N/A	N/A

ACTION ALTERNATIVES:
1. No action is required.

ATTACHMENTS:
Ordinance No 2450 - Chapter 12E Special Event

AN ORDINANCE OF THE CITY OF DUNCANVILLE

ORDINANCE NO. 2450

AN ORDINANCE OF THE CITY OF DUNCANVILLE, TEXAS, AMENDING THE CODE OF ORDINANCE BY ADDING NEW CHAPTER 12E "SPECIAL EVENTS"; PROVIDING FOR DEFINITIONS, PROVIDING FOR GENERAL AUTHORITY AND DUTY OF SEP COORDINATOR, PROVIDING FOR ENFORCEMENT, PROVIDING FOR EXEMPTIONS, PROVIDING FOR APPLICATION; ISSUANCE; PROVIDING REFERENCES, ADVERTISING AND PROMOTION AND FEES; PROVIDING A REPEALING CLAUSE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A SAVINGS CLAUSE; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Duncanville desires to re codify the Special Events ordinance into a new Chapter 12E in their Code of Ordinance; and

NOW THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF DUNCANVILLE, TEXAS, THAT:

SECTION 1. That Chapter 12E "Special Events", shall be added to the Code of Ordinances, which shall read as follows:

"CHAPTER 12E – SPECIAL EVENTS

Sec. 12E-1. - Purpose.

The city manager shall be authorized to approve special events permits based on following the procedures and regulations provided below.

Sec. 12E-2.- Definitions.

Applicant. A person who has filed a written application for a special event permit.

Block party. The use of a residential street for a neighborhood function in where traffic control is required.

City. The City of Duncanville, Texas.

City council means the city council of the City of Duncanville.

City manager. The city manager of the City of Duncanville or his designee.

City-sponsored special event means a special event that the city council has:

(a) Determined to be directly related to a recognized function of city government; and
(b) Committed the city to significantly sharing in initiating, financing, supporting, and conducting the event.

Committee means a body comprised of representatives from various city departments.

Demonstration. A public display of the attitude of assembled persons toward a person, cause, issue, or other matter.

Fee. Application fee that is established by resolution of the city council from time to time.

Fire chief. The Fire Chief of the City of Duncanville or his designee.

Permittee. The person to whom a Special Event Permit is granted pursuant to this ordinance.

Person. An individual, firm, partnership, corporation, association, or other legal entity.

Police chief. The Police Chief of the City of Duncanville or his designee.

Reimbursable costs. All costs and expenses incurred by the city for activities associated with staging of the event, including, without limitation, the following:

(a) Utilities services provided to the special event including all of the costs of installation, maintenance, connection, and removal.

(b) Food services inspection.

(c) Repair, maintenance and removal of facilities in the event of a failure of promoter.

(d) Repair of streets, alleys, sidewalks, parks, and other public property.

(e) Police protection.

(f) Fire protection.

(g) Emergency medical service.

(h) Garbage disposal and cleanup.

(i) Traffic control and/or barricades.

(j) Other direct costs associated with the special event.

Sidewalk. That portion of a street between the curb lines, or lateral lines of a roadway, and the adjacent property lines intended for the use of pedestrians.

Special event. A temporary event, or gathering, including a special event parade, using either private or public property, which involves one or more of the following activities, except when the activity is for construction or house moving purposes only:

(a) Closing a public street;

(b) Blocking or restriction of public property, including public rights-of-way:

(c) A gathering of more than 75 persons on public property;

(d) Sale of merchandise, food, or beverages on public property or on private property where otherwise prohibited by ordinance;

(e) Sale of alcoholic beverages on public or private property where otherwise prohibited save and except to the extent the director of the city's parks and

recreation department has prohibited, or a recreational center policy prohibits, the sale and use of alcohol on city-controlled parkland and/or recreation centers as requested for such an event;

(f) Erection of a tent or Canopy on public property, or on private property where otherwise prohibited by ordinance;

(g) Installation of a stage, band shell, trailer, van, portable building, amusement rides, grandstand or bleachers on public property, or on private property where otherwise prohibited by ordinance;

(h) Placement of portable toilets on public property, or on private property where otherwise prohibited by ordinance; or

(i) Placement of temporary informational signs including, but not limited to "No-Parking" signs directional, or identification, special event signs or banners in or over a public right-of-way, or on private property where otherwise prohibited by ordinance.

Special event parade. The assembly of three or more persons whose gathering is for the common design of traveling or marching in procession from one location to any other location for the purpose of advertising, promoting, celebrating, or commemorating a thing, person, date, or event.

Special event permit. Written approval from the city manager or his designee to hold a special event or special event parade.

Special event permit (SEP) coordinator means the city official, or his/her designee, designated by the city manager as primarily responsible for managing special events.

Street. The entire width between the boundary lines (right-of-way line to right-of-way line) of every street, alley or other legal rights-of-way publicly maintained, when any part thereof is open to the use of the public for the purposes of vehicular traffic.

Sec. 12E-3.- General authority and duty of SEP coordinator.

(a) The SEP coordinator shall implement, administer, and enforce the provisions of this chapter.
(b) The SEP coordinator has authority to issue a special event permit that authorizes one or more of the activities described in this chapter when the requirements of this chapter have been met.

Sec. 12E-4.- Enforcement.

(a) The provisions of this article shall be administered by the city manager or his designee and enforced by the building official, his designee, or any police officer/fireman.

(b) The city manager or his designee has the sole authority to issue a special event permit that authorizes one or more of the activities described in section 2(15) when requirements of this article have been met.

(c) Application for a special events permit authorizes appropriate city departments to issue permits for the activities described in section 2(15) in locations where the activity would otherwise be prohibited by ordinance.

Sec. 12E-5.- Article cumulative.

(a) The provisions of this article are cumulative of all city ordinances. Tent permits, building permits, electrical permits, food establishment permits, alcoholic beverage licenses, and all other permits required by ordinance or other law for specific activities to be conducted in conjunction with or as part of the special event must be applied for separately in accordance with the application ordinance or law. Licensed contractors must be validated by the Building Inspection Department.

(b) Application for a special event permit authorizes the SEP coordinator to issue permits for the activities described in this chapter in locations where the activity would otherwise be prohibited by ordinance.

Sec. 12E-6.- Exemptions.

The provisions of this article do not apply to:

(a) Special events conducted by the city;

(b) Garage sales;

(c) League play or tournaments by athletic associations sanctioned by the city;

(d) Block parties—permit required, but fees shall be waived; or

(e) The city manager may authorize, upon appeal in special cases, such variances from the terms of this Ordinance as will not be contrary to the public interest, where, owing to special conditions, the literal enforcement of the Ordinance will result in unnecessary hardship and so that the spirit of this Ordinance shall be observed and substantial justice done.

(f) A private party held on private property and to which the public is not invited, provided such party does not impact public rights-of-way or involve activities or facilities not permitted by applicable zoning regulations;

(g) An event wholly contained on property specifically designed or suited for the event and that holds a certificate of occupancy for such use including adequate parking (e.g., a hotel ballroom);

(h) Funeral processions;

(i) Activities approved by the director of the city's parks and recreation department, or his/her designee, that are held under the control of the city's parks and recreation department conducted on city-owned property that do not affect public rights-of-way;

(j) Unorganized gatherings;

(k) A demonstration, parade or assembly related to the expression of feelings and beliefs on current political, religious, or social issues at a fixed location other than a public right-of-way (sidewalk or street); and/or

Sec. 12E-7.- Application; issuance.

(a) Eligibility

(1) A person desiring to hold a special event shall apply for a special event permit by filing with the city manager a written application upon a form provided for that purpose. Each application must be accompanied by a nonrefundable application fee. An application must be filed not less than 30 working days before the special event is to begin.

(2) The SEP coordinator may waive the above requirements if the application can be processed in a shorter time period, taking into consideration the nature and scope of the proposed event and the number and types of permits required to be issued in conjunction with the special event permit.

(3) The issuance of a special event permit authorizes appropriate city departments to issue permits for activities in connection with the authorized event in locations where such activities would otherwise be prohibited by ordinance.

(4) Setup is allowed no earlier than the day immediately preceding the day of the event and must be completely removed before noon on the next succeeding business day after the event, unless otherwise determined. The placement of signs for a special event shall be in compliance with **chapter 16A**, sign code, of the City of Duncanville Code of Ordinances.

(5) The city and its officials, officers, employees and agents shall not be liable for any damage to or loss of any such property or facilities sustained during removal or storage of such property, equipment, tents or other facilities and the permittee shall indemnify the city, its officials, officers, employees and agents against all claims for any such damage or loss.

(6) Issuance of a special event permit does not authorize removal or alteration of public property and any such removal or alteration is strictly prohibited except as expressly allowed in writing by the SEP coordinator, or other authorizing official.

(7) In addition to complying with all conditions of the permit and all applicable city ordinances, regulations, rules, policies and guidelines, the permittee must comply with all applicable federal, state and county laws, rules and regulations.

(8) A permittee may not and shall have no authority to assign, sell, transfer, pledge, encumber or otherwise convey a permit or any rights, duties, responsibilities or obligations thereunder, and any such conveyance shall be null and void and may, in the discretion of the city, result in the revocation of the permit.

(9) No rights granted by a permit shall create rights in anyone other than the permittee.

(b) An application must contain the following information:

(1) The name, address, and telephone number of the applicant and of any other persons responsible for the conduct of the special event;

(2) A description of the special event and requested dates and hours of operation for the event;

(3) The estimated number of persons to participate in the special event;

(4) A sketch showing the area or route to be used during the special event, along with proposed structures, tents, fences, barricades, signs, banners, and restroom facilities;

(5) Letter or contract of permission for use of the property from the landowner, if different from applicant;

(6) Provisions for parking with a designation of where "No Parking" signs will be used;

(7) Details of how applicant proposes to provide security and traffic control;

(8) The time and location of street closings, if any are requested;

(9) Details of the sale of merchandise or the sale or serving of food or alcoholic beverages at the special event, designating any street vendors or peddlers involved;

(10) Description of animals to be used in the special event, if any;

(11) Details of how the applicant will clean up the area used after the special event, if on public property;

(12) Proof that the applicant possesses or is able to obtain all licenses and permits required by this code or other city ordinance or by state law for the conduct of the special event;

(13) Proof of technician's license and insurance for pyrotechnic displays (fireworks), or

(14) *Insurance.* The permittee shall, at its own expense, procure, pay for and maintain the following insurance written by companies approved by the state and acceptable to the city. The permittee shall furnish to the city certificates of insurance executed by the insurer or its authorized agent stating coverages, limits, expiration dates and compliance with all applicable required provisions. Certificates shall reference the special event and be addressed as follows:

Certificates shall reference the special event and be addressed as follows:

City of Duncanville
Attn: Risk Manager
Human Resources Department
203 E. Wheatland Rd.
Duncanville, TX 75116

a. Commercial general liability insurance, including, but not limited to premises/operations, personal and advertising injury, products/completed operations, independent contractors and contractual liability, with minimum combined single limits of $1,000,000.00 per occurrence, $1,000,000.00 Products/Completed Operations Aggregate and $1,000,000.00 general aggregate. Coverage must be written on an occurrence form. The General Aggregate shall apply on a per project basis.
b. Liquor liability insurance, either endorsed onto the above policy or written on a "stand alone" basis, if any of the following applies:

1. The applicant is in the business of manufacturing, selling, or distributing alcoholic beverages;
2. The applicant serves or furnishes alcoholic beverages for a charge, whether or not such activity requires a license or is for the purpose of financial gain or livelihood; or
3. The applicant serves or furnishes alcoholic beverages without a charge, if a license is required for such activity.

c. Business automobile liability insurance covering owned, hired and non-owned vehicles, with a minimum combined bodily injury and property damage limit of $1,000,000.00 per occurrence.

The applicant shall endorse applicable insurance policies as follows:

a. The city, its officials, employees and officers shall be named as additional insureds on the commercial general liability policy, by using endorsement CG2026 or broader.
b. The city, its officials, employees and officers shall be named as additional insureds on any required liquor liability policy.
c. All insurance policies shall be endorsed to the effect that the city will receive at least 30 days' notice prior to cancellation, non-renewal, termination, or material change of the policies.

All insurance shall be purchased from an insurance company that meets a financial rating of B+VI or better as assigned by A.M. Best Company or equivalent.

An applicant may request an exception from this insurance requirement, if the applicant:

a. Executes a written agreement to indemnify the city and its officers and employees against all claims of injury or damage to persons or property, whether public or private, arising out of the special event; or

b. Agrees to redesign or reschedule the proposed event to respond to specific risks, hazards and dangers to the public health and safety identified by the

committee as being reasonably foreseeable consequences of the proposed event.

The insurance requirements for special events involving expressive activity which enjoy protection under the United States or Texas constitutions may be waived by the committee if the special event involving expressive activity poses no substantial risk of public liability or property damage.

(15) *References.* List of four organizations an applicant has done business within connection with the proposed event;

(16) *Advertising and promotion.* Listing of types of advertising and promotion, including radio, television, print ads, press releases, fliers, posters, direct mail, etc.; and

(17) *Application fee.* A non-refundable application fee, plus any costs incurred by the city, must be submitted with the application and is required for each permit or renewal of a permit, which permit shall extend only to those dates requested in the application and which are approved by the committee.

a. Fees must be in the form of a check, money order or credit card (as directed by the SEP coordinator) in the name of the organization stated on the application and shall be made payable to the city. Any amounts invoiced by the city must be paid within 30 days from the date of the invoice. Amounts not paid within 30 days shall incur a late fee of one (1) percent of the outstanding balance for each month payment is not received. Additional city fees may include: Temporary health fee, mobile food vending fee, tent permit fee, preferred route fee, trail use fee.

b. The committee shall review the application and make its determination within:

1. Fourteen days after a complete application for a special event, including all required fees and licenses and/or permits, has been submitted to the SEP coordinator, unless the application is for a special event involving expressive activity; or
2. Five days after a complete application for a special event involving expressive activity, including all required fees and licenses and/or permits, has been submitted to the SEP coordinator;

If the SEP coordinator determines that clarification or additional information is necessary for proper consideration of an application, this time period may be extended an additional ten days from the date clarification or additional information is provided. The committee may approve, approve with conditions, or deny an application. The SEP coordinator, or his designee, may also revoke a permit if he/she determines at any time after approval that the event is not in compliance with the permit or with this chapter.

In making a final determination to approve an application, each of the following factors shall be considered:

a. Whether the application establishes that there will be ample opportunity to properly plan and prepare for the event;
b. Whether the proposed dates or location conflict with another event or activity;
c. Whether the applicant has previous professional experience with hosting an event of the nature or scope proposed;
d. Whether the proposed event has been held within the city on a previous occasion;
e. Whether police, fire, or other city services will be unduly burdened or adversely affected by the event;
f. Whether the event is reasonably likely to cause injury to persons or property, to provoke disorderly conduct or to create a disturbance; and
g. Such other factors as the committee may deem necessary or important in evaluating an application;
h. The following additional factors may be considered:

1. Whether the event is likely to promote tourism by attracting tourists; and/or
2. Whether the event is likely to have a positive economic impact by generating revenue for Duncanville hotels, restaurants, and other merchants of the city.

(18) The SEP coordinator shall notify an applicant in writing of the committee's decision to deny or approve an event. If an application is approved, the notification must advise the applicant of the minimum staffing levels for the event, any specific requirements imposed pursuant to article III of this chapter, and the time frame for completing such requirements.

(19) A special event cancelled or postponed by the city on public property due to a force majeure may be rescheduled within 90 days following its original date subject to availability of the scheduled location. There shall be no charge for such rescheduling.

(20) Other information as stipulated by the reviewing departments.

a. Upon receipt of the completed application the city manager shall forward a copy of the application to the departments of police, fire, building inspection, public works, business development center, and community services. Each department or director, as the case may be, shall review the application and return it, with any comments, to the city manager within five working days of receipt.

b. The departments and the city manager may prescribe licenses and permits required by other city ordinances or applicable law, restrictions, regulations, costs for city services, safeguards, and other conditions necessary for the safe and orderly conduct of a special event, to be incorporated into the permit before issuance.

c. A deposit of one-half of the estimated reimbursable costs required to be paid to the city as a result of a special event must be received by the city manager not less than seven working days before the date of the special event as shown on the special event permit. Prior to the issuance of the permit the applicant shall agree in writing to pay such deposit and the balance of the reimbursable costs within 30 days after the special event. A bond for the balance of the estimated costs or the sum of $200.00, whichever is greater, shall also be received by the city manager not less than seven working days before the date of the special event shown on the special event permit.

d. After reviewing the application and department comments, the city manager shall issue the special event permit unless denial is required by section 8. A special event permit will be issued for a period not to exceed 14 consecutive days. A special event application and permit is required for each 14 day period during which a special event will be conducted.

Sec. 12E-8.- Directives of SEP coordinator or other authorizing official.

The permittee shall comply with the printed guidelines and with all other reasonable rules, regulations and directives of the city manager, the SEP coordinator or his/her designee as may be issued from time to time.

Sec. 12E-9.- Force majeure.

(a) The city may, in its sole discretion, postpone, cancel, suspend or close any special event or revoke a permit for any force majeure event.

(b) The city shall have no liability for such postponement, cancellation, suspension or closing. Further, the city shall have no liability for failure to postpone, cancel, suspend, or close a special event for a force majeure event or any other reason.

Sec. 12E-10.- Denial or revocation.

(a) The city manager shall deny a special permit if,

(1) a special event permit has been granted for a special event at the same place and time;

(2) the proposed special event will occupy any part of a federal highway;

(3) the proposed special event will unreasonably disrupt the orderly flow of traffic and no reasonable means of rerouting traffic or otherwise meeting traffic needs is available;

(4) the applicant fails to adequately provide for;

a. The protection of event participants;

b. Maintenance of public order in and around the special event location;

c. Crowd security, taking into consideration the size and character of the event; or

d. Emergency vehicle access.

(5) The applicant fails to comply with, or the proposed special event will violate a city ordinance or other applicable law, unless the prohibited conduct or activity would be allowed under this article;

(6) The applicant makes a false statement of material fact on an application for the special event permit, or other permits as required;

(7) The applicant fails to provide proof that he possesses or is able to obtain a license or permit required by city ordinance or other applicable law for the conduct of all activities included as part of the special event;

(8) The applicant has had a special event permit revoked within the preceding 18 months;

a. The applicant has committed, within the preceding 18 months, two or more violations of a condition or provision of a special event permit or this article;

(9) The applicant fails to pay any outstanding reimbursable costs owed to the city for a past special event; or

(10) The applicant fails to submit the required deposit and/or fails to agree in writing to reimburse the city for the estimated costs for the proposed special event.

(b) The city manager shall revoke a special event permit if:

(1) The applicant fails to comply with or the special event is in violation of a condition or provision of the special event permit, an ordinance of the city, or any other applicable law; or

(2) The permit holder made a false statement of material fact on an application for a special event permit, or other permits as required.

Sec. 12E-11.- Appeal from denial or revocation of special event permit.

(a) The decision of the city manager may be reviewed by the city council upon an appeal by any person who disagrees with the decision of the city manager. Such appeal shall be filed with the city secretary within seven days from the date of the decision of the city manager. The city secretary shall schedule a hearing of such appeal to the city council at the next timely meeting of the city council. The city council may either grant or deny the permit.

(b) Nothing in this division shall prevent the director, the chief of police, or their designees from revoking a street closure permit at any time before or during the block party in the interest of public safety, health or welfare of the community as a whole."

SECTION 2. That all provisions of the Ordinances of the City of Duncanville, Texas, in conflict with the provisions of this ordinance be, and the same are hereby, repealed, and all other provisions of the Ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

SECTION 3. That should any word, sentence, paragraph, subdivision, clause, phrase or section of this ordinance, or of the Code of Ordinances, as amended hereby, be adjudged or held to be void or unconstitutional, the same shall not affect the validity of the remaining portions of said ordinance or the Code of Ordinances, as amended hereby, which shall remain in full force and effect.

SECTION 4. That this ordinance shall take effect immediately from and after its passage as the law and charter in such cases provide.

DULY PASSED by the City Council of the City of Duncanville, Texas, this the 6th day of September, 2022.

APPROVED:

Barry L. Gordon, MAYOR

ATTEST:

Kristin Downs, CITY SECRETARY

APPROVED AS TO FORM:

Robert E. Hager, CITY ATTORNEY

CITY OF DUNCANVILLE TEXAS

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Receive a briefing presentation on the Texas A&M and USDA Forest Service Municipal Forester Grant

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Re-Imagine: High Quality of Life**
  - **Develop, maintain, and encourage safe, attractive, viable family-oriented neighborhoods that embrace diversity and pride, promoting economic vitality.**

STAFF RESPONSIBLE:
Tyler Agee, Assistant Parks and Recreation Director

BACKGROUND/HISTORY:
The Texas A&M Forest Service, in collaboration with the USDA Forest Service, supports the development of sustainable urban and community forestry programs through the 2024 Community Forestry Grant Program (CFG). This program is aimed at establishing and promoting sound forestry principles that enhance the environmental health and resilience of forest ecosystems throughout Texas. The grants are designed to support projects that significantly contribute to the environmental well-being, resilience, and sustainability of local communities.

The objectives of the CFG include integrating forestry into all scales of urban planning, enhancing human health and wellness, fostering diversity and leadership in the forestry community, and improving the management and stewardship of community forests. Additionally, the program focuses on increasing funding and public awareness for forestry, promoting environmental education, and prioritizing projects that address challenges such as extreme heat, urban wood utilization, urban food forests, and workforce development.

One specific grant category within the CFG is the Municipal Forester grant. This is designed to fund the position of a qualified city forester or arborist in cities that have not previously had such a position, enhancing local capacity to advance urban and community forestry initiatives. Applicants should clearly define the roles and responsibilities of the Municipal Forester, which may include managing community forests, planting and maintaining trees, developing forestry policies, engaging the community, and coordinating with relevant departments.

Eligible applicants for the grant include local governments, non-profit organizations, tribal entities, state agencies, educational institutions, and public utility districts. Other community groups can participate by partnering with a non-profit or local government. The eligible projects should align with the program's objectives and aim to establish new initiatives or expand existing programs that would not occur without the CFG funding. Each project should emphasize long-term community benefits, incorporate local volunteer support, and foster partnerships that enhance the project's impact on local forestry management and community engagement.

This program represents a crucial effort to promote sustainable urban and community forestry practices that are essential for the ecological and social well-being of communities across Texas.

POLICY EXPLANATION:
The grant aims to solidify Duncanville's commitment to a sustainable urban environment by funding the position of a Municipal Forester. This grant offers $100,000 worth of match funding phased over a 3-year period. This role is crucial in advancing the city's goals of expanding tree canopy, enhancing public green spaces, and fostering community engagement in environmental stewardship. The total estimated annual cost for this position is $73,000. With a projected start date of October 1, 2024, the budgetary impact for this position would be $23,000 in FY 2025, $50,000 in FY 2026, and $52,000 in FY 2027. The grant will reimburse up to $50,000 in year 1 and up to $25,000 in year 2 and year 3 for a grand total of $100,000.

Key Deliverables of the Grant include:

1. Personnel Recruitment and Development
    a. Provide ongoing professional development and certifications in arboriculture
    a. Hire a qualified Municipal Forester
2. Urban Forestry Management:
    a. Develop and implement comprehensive urban forestry management plans
    b. Conduct tree plantings and health assessments, aiming to increase Duncanville's tree canopy by 15% over two years
3. Community Engagement and Education:
    a. Organize and conduct environmental workshops and tree-planting events, with the goal of engaging at least 500 community members
    b. Collaborate with local schools and environmental groups to promote environmental education
4. Sustainability and Evaluation
    a. Integrate sustainable practices into city planning and urban development
    b. Regular monitoring and evaluation of the urban forest's health and biodiversity
    c. Develop a sustainability plan to continue forestry efforts beyond the grant period

This initiative directly supports the city’s strategic goals of enhancing quality of life and promoting environmental sustainability. By securing federal funding, Duncanville is able to leverage local resources more effectively, ensuring that urban forestry initiatives are both impactful and sustainable. The Municipal Forester will play a pivotal role in maintaining and expanding the scope of Duncanville's green initiatives, making our city a model for urban environmental management.

FUNDING SOURCE:

ORG and Object Number
NA

Available Budget	**Purchase Amount**	**After Encumber**

$0.00	$0.00	$0.00

ACTION ALTERNATIVES:
NA

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Receive the Parks and Recreation Department Quarterly Report

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Re-Imagine: High Quality of Life**
  - **Develop, maintain, and encourage safe, attractive, viable family-oriented neighborhoods that embrace diversity and pride, promoting economic vitality.**

STAFF RESPONSIBLE:
Bart Stevenson, Director of Parks and Recreation

BACKGROUND/HISTORY:
Receive the Parks and Recreation Department Quarterly Report

POLICY EXPLANATION:
Receive the Parks and Recreation Department Quarterly Report

FUNDING SOURCE:

ORG and Object Number
N/A

Available Budget	Purchase Amount	After Encumber
$0.00	$0.00	$0.00

ACTION ALTERNATIVES:
N/A

ATTACHMENTS:
2024-06-04 - Parks and Recreation Quarterly Report

City of Duncanville

PARKS AND RECREATION QUARTERLY REPORT

CITY COUNCIL MEETING

JUNE 4, 2024

BART STEVENSON, DIRECTOR OF PARKS AND RECREATION

We are building a vibrant, inclusive community, driven by a commitment to democratic principles and service above self

New Employees

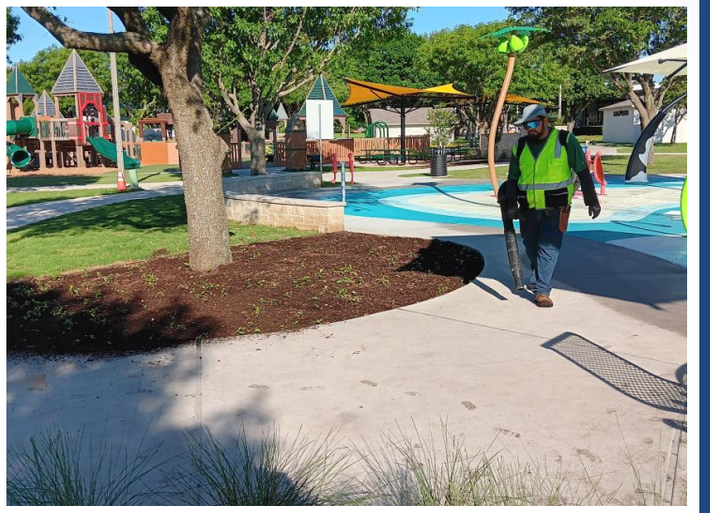
- Parks – Isaac Andrade, Maintenance Worker I, Athletics

Isaac Andrade

City of Duncanville

Park Maintenance Measurables

- The Park Maintenance Operations Division played a vital role in completing the Kidsville Renovation and the Quail Run Park Trail project, actively maintained park trees, and applied pesticides along major thoroughfares for aesthetics and safety. The team conducted 21 playground inspections, 36 park amenity inspections, participated in 5 community events, attended the TRAPS Park Maintenance Academy, and addressed numerous issues related to invasive species and vandalism via SeeClickFix.
- The Parks and Streets Litter Sanitation Divisions maintained the cleanliness and safety of the city's public spaces. They performed 4 extensive cleanups in parks following holiday celebrations, removed a total of 417 bags of trash from parks and streets, completed 3 encampment cleanups, resolved 12 dumping incidents, and participated in 5 community events.
- The Irrigation Division successfully installed a state-of-the-art irrigation system at Kidsville playground, featuring high-efficiency sprinklers and smart controllers. They play a crucial role in the daily servicing and maintenance of the new Splashpad aquatic facility, ensuring safe water distribution and clean operations. Despite weather-related delays and supply chain issues, their proactive problem-solving ensured successful project completion.



Park Maintenance Measurables

- The Athletics Division conducted 13 light and facility inspections to ensure safety and visibility during evening activities. Significant improvements were made across multiple sites, including installing new bleachers and goals, renovating DBBI batting cages, and installing new fence toppers, enhancing these facilities' overall functionality and appeal. Field readiness was a priority, with the division applying pre-emergent pesticides and preparing fields for games, practices, and tournaments, maintaining optimal conditions for athletic activities. The athletics crew hosted various equipment demonstrations and attended the Texas Amateur Athletic Federation Sport Management School.
- The Horticulture Division effectively transitioned seasonal plantings, removing pansies and tulips from the winter displays and introducing petunias and begonias for the summer months. The division played a crucial role in the Kidsville Renovation, installing all the necessary vegetation despite slight delays due to project demands. The crew worked diligently to catch up with the city-wide schedule by conducting comprehensive weed and pest control in median and facility beds, removing leaves, and redesigning beds to enhance the overall beauty and health of the city's landscaped areas.

Keep Duncanville Beautiful Board

- KDB Awarded 5 new properties as Curb Appeal Winners and Awarded D-Squared Catering with the Business Beautification Award for the Spring Quarter.
- The board hosted the Annual Garden Workshop, actively contributing to environmental sustainability. The May Community Clean-up event at Chris Paris Park was canceled due to inclement weather.
- Additionally, the Board Affiliate diligently completed all requirements and applications to maintain its prestigious status as a Tree City USA, a Keep Texas Beautiful Gold Star affiliate, and a Keep America Beautiful President's Circle member, demonstrating a committed effort to environmental stewardship and community beautification.
- KDB Upcoming Events –
  - *Keep Texas Waterways Clean*
    Saturday, June 1 | 9:00 AM – 11:00 AM
    Charles F. Ladd Nature Preserve
  - *57th Annual Keep Texas Beautiful Conference*
    Monday, June 24 – Wednesday, June 26
    Online Conference

City of Duncanville

Keep Texas Waterways Clean
Saturday, June 1st

Keep Texas *Waterways* Clean Community Clean-Up

June 1st | 9:00 - 11:00 AM

Charles F. Ladd Nature Preserve

CLEAN UP SUPPLIES WILL BE PROVIDED

City of Duncanville

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Recreation Center Measurables

- Visits: March 2024 – May 2024
  - 120 memberships were sold throughout this quarter. We are seeing an increase in people coming in to renew 6-month memberships or start new ones since we are midway through the calendar year.
  - 5,624 visits
  - 912 day pass visits (some day pass opportunities were lost due to system outages)
- Programs
  - Sidesteppers
  - Pickleball
  - Karate
  - Yoga
  - Jazzercise
  - Tumbling
  - Cheerleading
  - Volleyball

City of Duncanville

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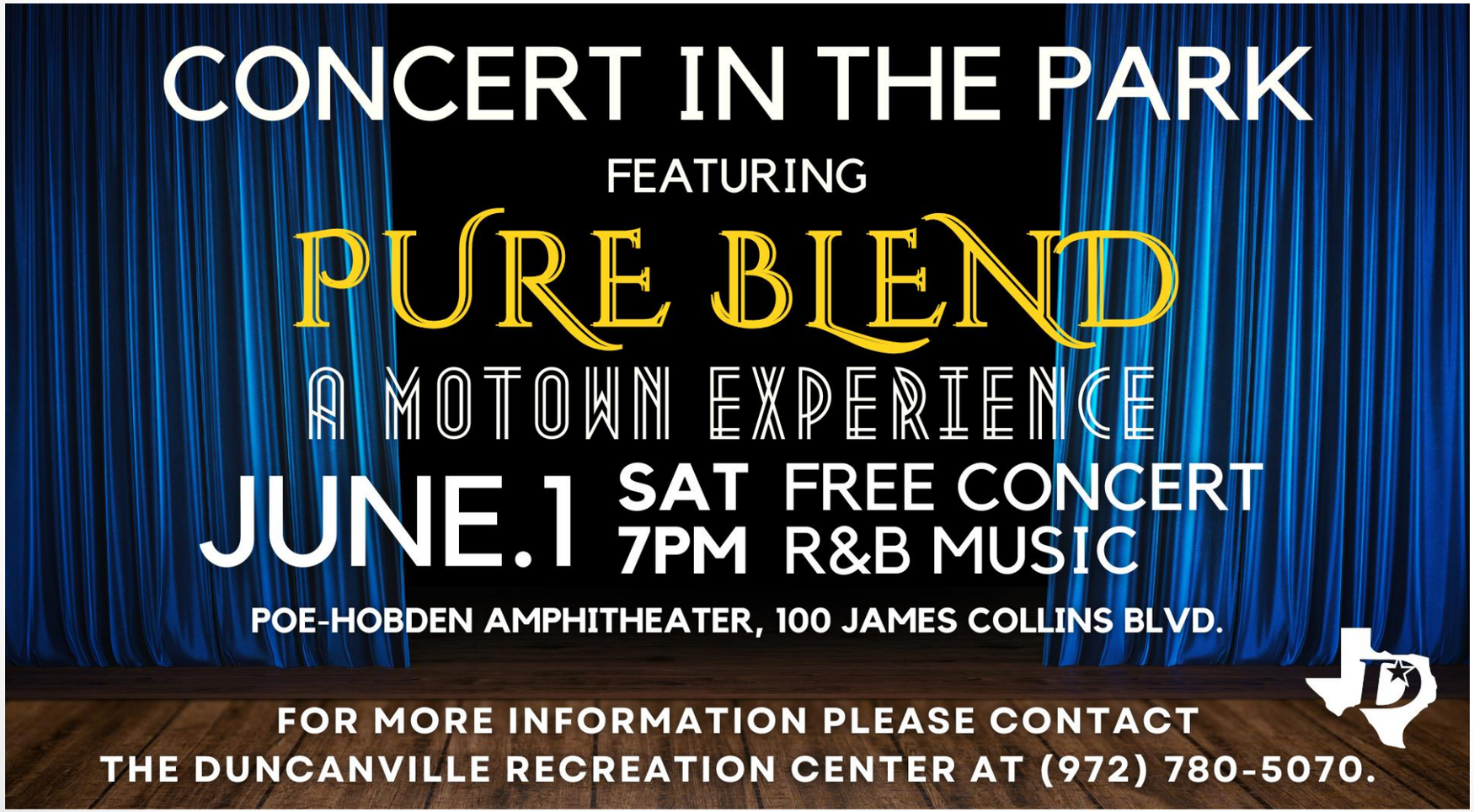
Recreation Center Measurables

- Recent Special Events
  - Princess Tea Party
  - Easter Eggstravaganza
  - Kidsville Grand Opening
  - Movies in the Park: The Super Mario Bros. Movie
  - Solar Eclipse Festival
  - Duncanville 300 Jr. Grand Prix
  - National Day of Prayer
  - Concerts in the Park: Forever Mac (Classic Rock)
  - Memorial Day Ceremony

- Upcoming Events
  - Concert in the Park: Pure Blend (R&B) at Armstrong Park – June 1, 2024
  - Best Southwest Juneteenth Celebration at Valley Ridge Park (Cedar Hill, Texas) – June 15, 2024
  - Movies in the Park: Jurassic World at Armstrong Park – June 15, 2024
  - Red, White & BBQ Festival at Armstrong Park – July 4-6, 2024
  - Movies in the Park: Top Gun at Armstrong Park – August 24, 2024

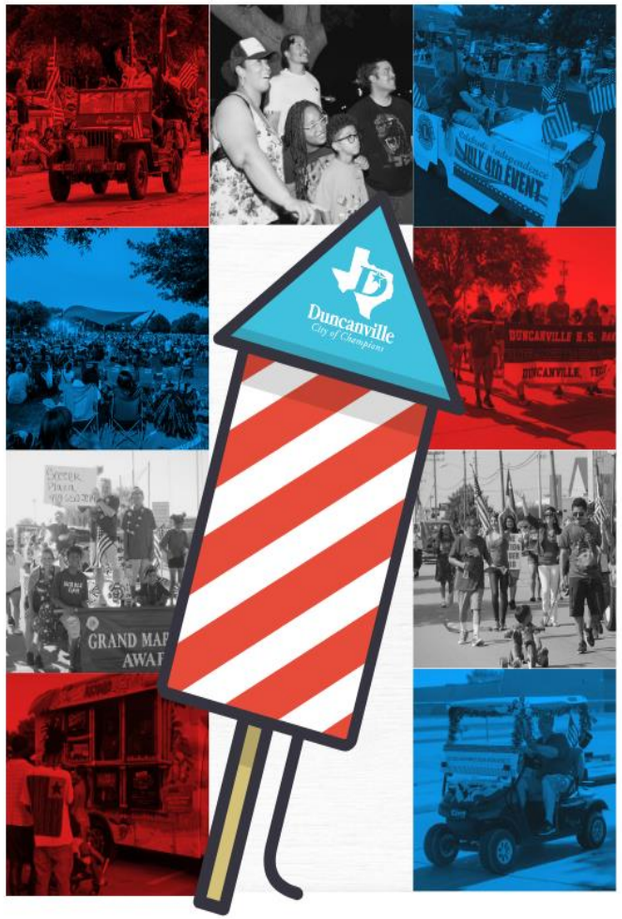
Concert in the Park: Pure Blend
Saturday, June 1st



Best Southwest Juneteenth Celebration
Saturday, June 15th

Movies in the Park: Jurassic World
Saturday, June 15th

Red, White, & BBQ
Thursday, July 4th – Saturday, July 6th



RED, WHITE, & BBQ

JULY 4 - 6

ARMSTRONG PARK
100 JAMES COLLINS BLVD.

DUNCANVILLESPECIALEVENTS.COM

City of Duncanville

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Movies in the Park: Top Gun
Saturday, August 24th

Senior Center Measurables

- Visits: March 2024 – May 2024
  - 31 new and renewed memberships were sold throughout this quarter.
  - 1,890 visits
  - The Senior Center continues to operate at 100%

- Meals Served through DAAA/VNA Services
  - Dine-in lunch
  - 3,338

- Events
  - Bingo
  - Coffee with the Mayor
  - Walk in the Park
  - Game Night
  - Bagel Social
  - Women's History Month Fireside Chat
  - Mother's Day Breakfast
  - Monthly Birthday Celebration
  - Trips to museums, restaurants, and entertainment venues
  - Various performances including choir and live entertainment

City of Duncanville

Senior Center Activities

- Staff continues to coordinate dine-in meal services for the senior citizens with the assistance of the Visiting Nurses Association (VNA) and Dallas Area Agency on Aging (DAAA).
  - Average in-person attendance is 45 members per day.
  - Average approximately 40 lunch meals per day (Dine-in).
  - Staff continues to provide mental games and activities for the seniors to keep their minds active and entertained, such as Bingo, Coffee with the Mayor, A Walk in the Park, Birthday Month Celebration, and other activities.
  - Working with the Share and Care Site Council, the staff makes weekly contact with all the members to make sure everyone is safe and inquire about any needs.

Bond Election Projects

- Armstrong Park
  - Project is complete
  - The Grand Opening event was held on April 6, 2024, with approximately 2,000 in attendance
  - Staff is working with the Texas Parks & Wildlife Department to process the grant reimbursement
  - Grand Opening Day – https://fb.watch/se58llkopt/
- Harrington Park
  - Plans are 100% complete
  - Options to be determined with all the bond projects
- Trails
  - Projects still to be identified

Questions?

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Receive the Fiscal Year 2023-2024 Second Quarter Investment Report as of March 31, 2024.

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Emphasize: Government Accountability, Customer Service, Efficiency and Process Improvement**
  - **Develop a high performing organization that encourages innovation, transparency, and collaboration while delivering exceptional customer service.**

STAFF RESPONSIBLE:
Richard Jackson, Fiscal Services Managing Director

BACKGROUND/HISTORY:
The investment balance on December 31, 2023, was $79,921,386, with an ending balance as of March 31, 2024, of $90,188,177. The portfolio increased by $10,266,791.

The LOGIC government investment pool's yield decreased by 7 basis points (from 5.54% to 5.47%) during the period. As a reminder, 100 basis points equates to 1%. The interest rates are rising and creating opportunities to invest at higher rates. The LOGIC pool rates, as demonstrated on page 3 of the attached investment report, are higher than our earnings credit rate applied to the City's Wells Fargo account and the CD interest rates earned with a yield average of 5.38%.

The City's average rate of return increased to 5.34% during this period. All CDs and Money Market investments are fully secured at a minimum of 100% of principle by pledged collateral. Letters of Credit held by the Federal Home Loan Bank and FDIC insurance are currently at $250,000 per institution. Overall, Duncanville's investment interest earnings totaled $1,052,370 for the second quarter and $2,020,984 Fiscal Year to date as of March 31, 2024. Strategies to diversify and ladder the portfolio continue to be utilized as interest rates rise in the marketplace.

POLICY EXPLANATION:
PFIA (Public Funds Investment Act) recommends quarterly investment reports are provided to the governing body. This report will cover the Fiscal Year 2024's first quarter investment activity and interest earnings. The City of Duncanville Investment Report will cover beginning and ending

investment balances and summarize investment activity from October 2023 through March 2024. All investments must comply with the PFIA requirements and guidelines.

FUNDING SOURCE:

ORG and Object Number
n/a

Available Budget	**Purchase Amount**	**After Encumber**
n/a	n/a	n/a

ACTION ALTERNATIVES:
There is no City Council action required.

ATTACHMENTS:
FY2024_Duncanville Quarterly Investment Report_Q2

City of Duncanville, Texas

QUARTERLY INVESTMENT REPORT

For the Quarter Ended

March 31, 2024

Prepared by
Valley View Consulting, L.L.C.

The investment portfolio of the City of Duncanville is in compliance with the Public Funds Investment Act and the Investment Policy and Strategies.

Richard Jackson, Managing Director of Fiscal Services/CFO

Disclaimer: These reports were compiled using information provided by the City of Duncanville. No procedures were performed to test the accuracy or completeness of this information. The market values included in these reports were obtained by Valley View Consulting, L.L.C. from sources believed to be accurate and represent proprietary valuation. Due to market fluctuations these levels are not necessarily reflective of current liquidation values. Yield calculations are not determined using standard performance formulas, are not representative of total return yields, and do not account for investment advisor fees.

Strategy Summary

Quarter End Results by Investment Category:

Asset Type	December 31, 2023 Book Value	December 31, 2023 Market Value	March 31, 2024 Book Value	March 31, 2024 Market Value	Ave. Yield
DDA	$ 121,133	$ 121,133	$ 1,384	$ 1,384	0.00%
MMA/MMF/LGIPs	60,516,645	60,516,645	70,841,557	70,841,557	5.33%
CDs	19,283,609	19,283,609	19,345,236	19,345,236	5.38%
Totals	**$ 79,921,386**	**$ 79,921,386**	**$ 90,188,177**	**$ 90,188,177**	5.34%

Current Quarter Weighted Average Yield (1)	
Total Portfolio	5.34%
Rolling Three Month Treasury	5.46%
Rolling Six Month Treasury	5.37%
TexPool	5.32%

Fiscal Year-to-Date Weighted Average Yield (2)	
Total Portfolio	5.30%
Rolling Three Month Treasury	5.49%
Rolling Six Month Treasury	5.43%
Average Monthly TexPool	5.35%

Interest Earnings (Approximate)	
Quarterly Interest Income	$ 1,052,370
Year-to-date Interest Income	$ 2,020,984

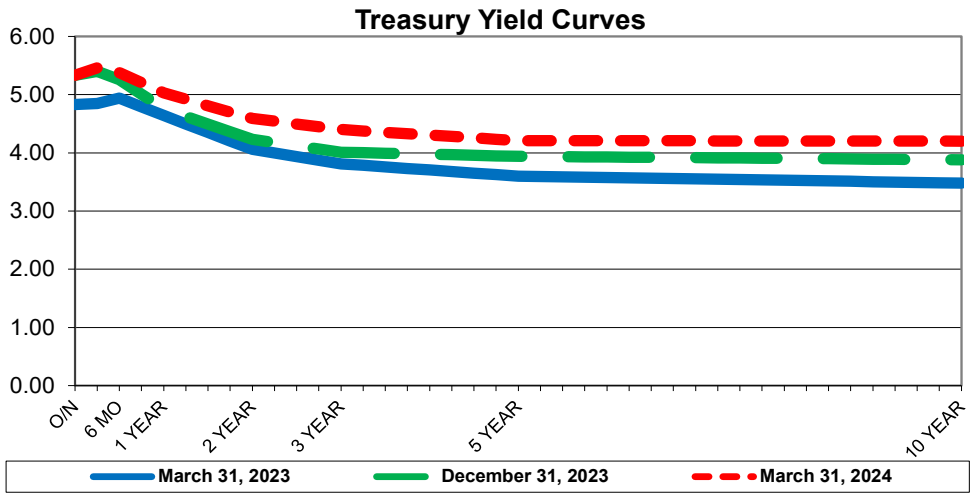
(1) **Current Quarter Weighted Average Yield** - calculated using quarter end report yields and adjusted book values and does not reflect a total return analysis or account for advisory fees. The yield for the reporting month is used for bank and money market balances.

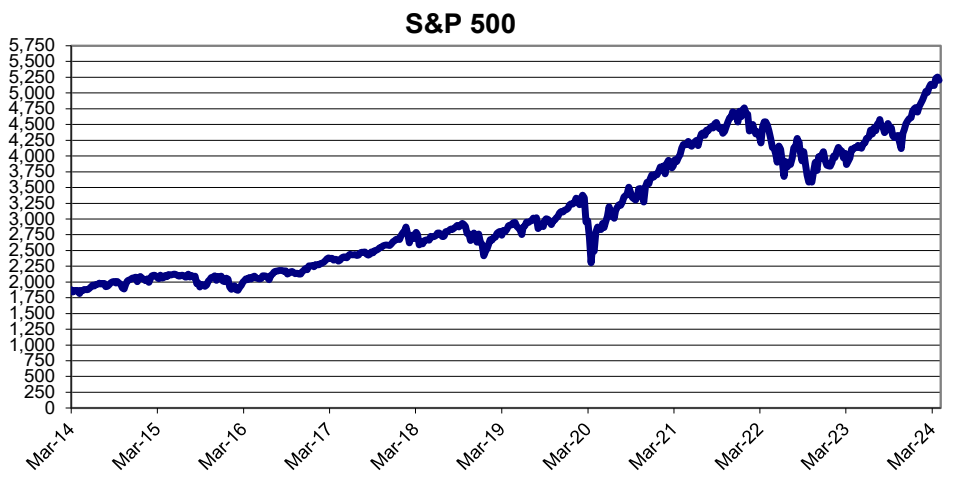
(2) **Fiscal Year-to-Date Weighted Average Yield -** calculated using quarter end report yields and adjusted book values and does not reflect a total return analysis or account for advisory fees.

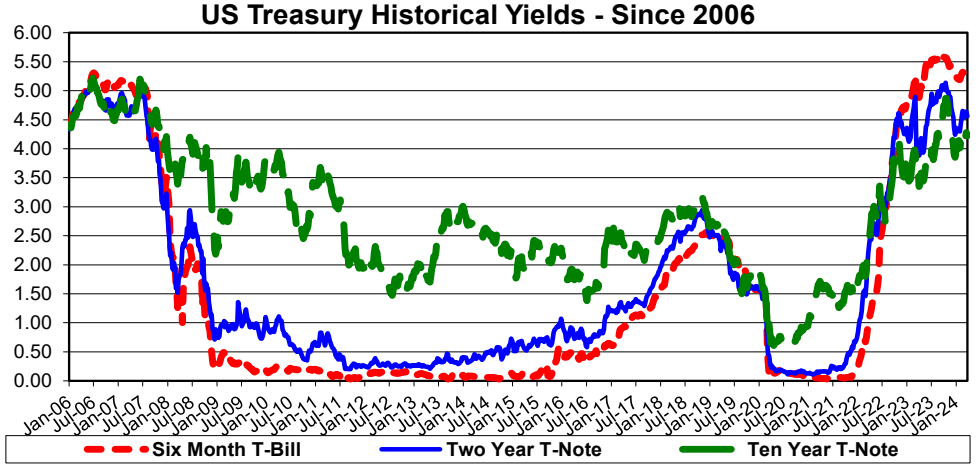
Economic Overview

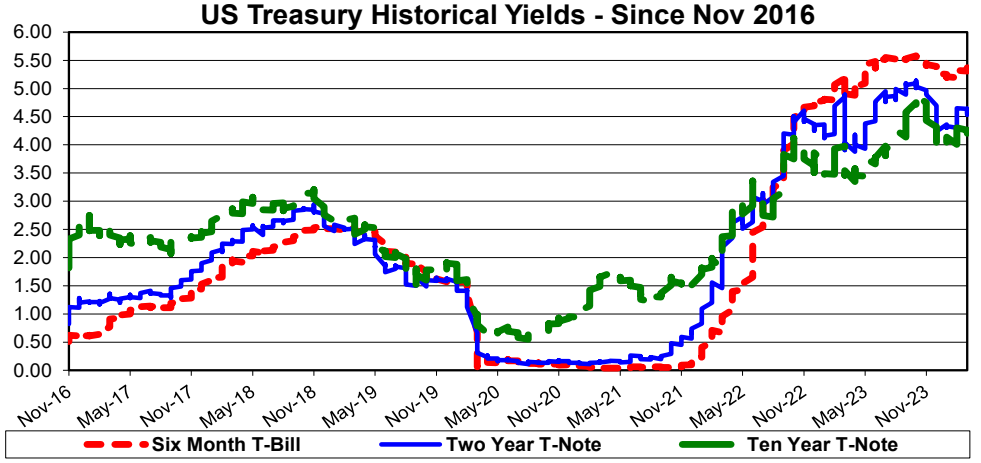
3/31/2024

The Federal Open Market Committee (FOMC) maintained the Fed Funds target range 5.25% - 5.50% (Effective Fed Funds are trading +/-5.33%). All expectations are for reduced future rates, but any actions will be meeting-by-meeting and "data-dependent." Fourth Quarter 2023 GDP recorded a stronger than expected 3.4%. The S&P 500 Stock Index reached another new high closing over 5,200. The yield curve remains inverted but longer yields rose slightly. Crude Oil traded over $87 per barrel. Inflation stubbornly remained above the FOMC 2% target (Core PCE +/-2.8% and Core CPI +/-3.8%). Reduced global economic outlooks and ongoing/expanding military conflicts continue increasing uncertainty.









Investment Holdings

March 31, 2024

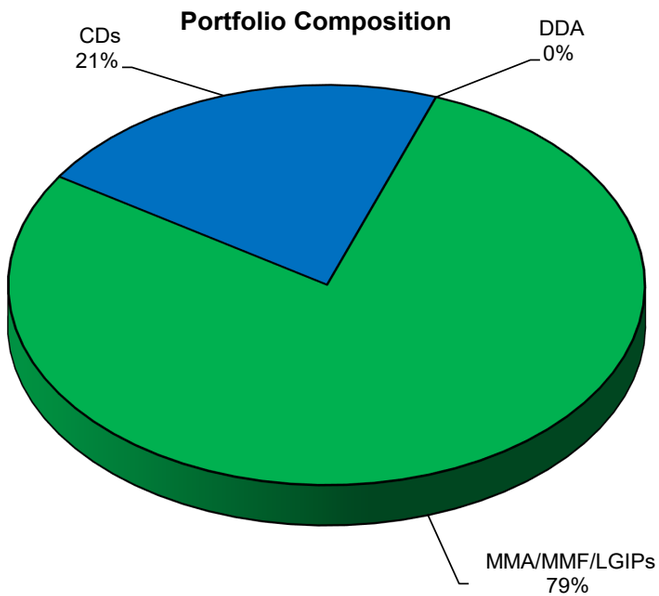
Description	Ratings	Coupon/ Discount	Maturity Date	Settlement Date	Par Value	Book Value	Market Price	Market Value	Life (days)	Yield
Wells Fargo Bank DDA (3)		0.00%	04/01/24	03/31/24	$ 1,384	$ 1,384	1.00	$ 1,384	1	0.00%
Allspring Gov't MMF-WF Sweep Acc't (4)	AAA/Aaa	5.19%	04/01/24	03/31/24	35,639,598	35,639,598	1.00	35,639,598	1	5.19%
Origin Bank MMA		4.71%	04/01/24	03/31/24	1,057,440	1,057,440	1.00	1,057,440	1	4.71%
NexBank IntraFi MMA		5.55%	04/01/24	03/31/24	25,507,182	25,507,182	1.00	25,507,182	1	5.55%
Prosperity Bank MMA		1.10%	04/01/24	03/31/24	10,261	10,261	1.00	10,261	1	1.10%
TexPool	AAAm	5.32%	04/01/24	03/31/24	5,461,190	5,461,190	1.00	5,461,190	1	5.32%
LOGIC LGIP	AAAm	5.47%	04/01/24	03/31/24	3,165,885	3,165,885	1.00	3,165,885	1	5.47%
Harmony Bank CD		3.94%	04/07/24	04/07/23	516,537	516,537	100.00	516,537	7	3.94%
East West Bank CD		5.50%	04/09/24	01/09/24	2,025,169	2,025,169	100.00	2,025,169	9	5.65%
East West Bank CD		4.96%	04/15/24	04/13/23	530,754	530,754	100.00	530,754	15	5.08%
Texas Capital Bank CD		4.87%	04/17/24	01/13/23	2,116,680	2,116,680	100.00	2,116,680	17	4.87%
East West Bank CD		5.77%	04/18/24	10/18/23	1,026,587	1,026,587	100.00	1,026,587	18	5.94%
East West Bank CD		5.74%	05/06/24	11/06/23	2,151,180	2,151,180	100.00	2,151,180	36	5.90%
East West Bank CD		5.48%	07/29/24	03/28/24	3,001,802	3,001,802	100.00	3,001,802	120	5.63%
East West Bank CD		5.46%	08/28/24	03/28/24	2,355,200	2,355,200	100.00	2,355,200	150	5.61%
East West Bank CD		5.12%	10/09/24	01/09/24	2,023,420	2,023,420	100.00	2,023,420	192	5.25%
East West Bank CD		4.93%	01/09/25	01/09/24	2,022,532	2,022,532	100.00	2,022,532	284	5.05%
East West Bank CD		4.85%	04/24/25	01/24/24	1,575,375	1,575,375	100.00	1,575,375	389	4.94%
					$ 90,188,177	**$ 90,188,177**		**$ 90,188,177**	**28**	**5.34%**
									(1)	**(2)**

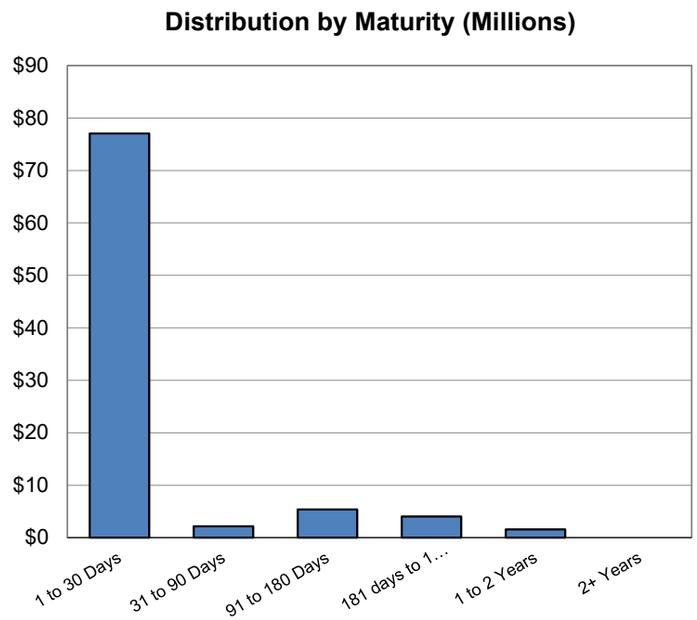
(1) Weighted average life - For purposes of calculating weighted average life, bank accounts and money market funds are assumed to have an one day maturity.

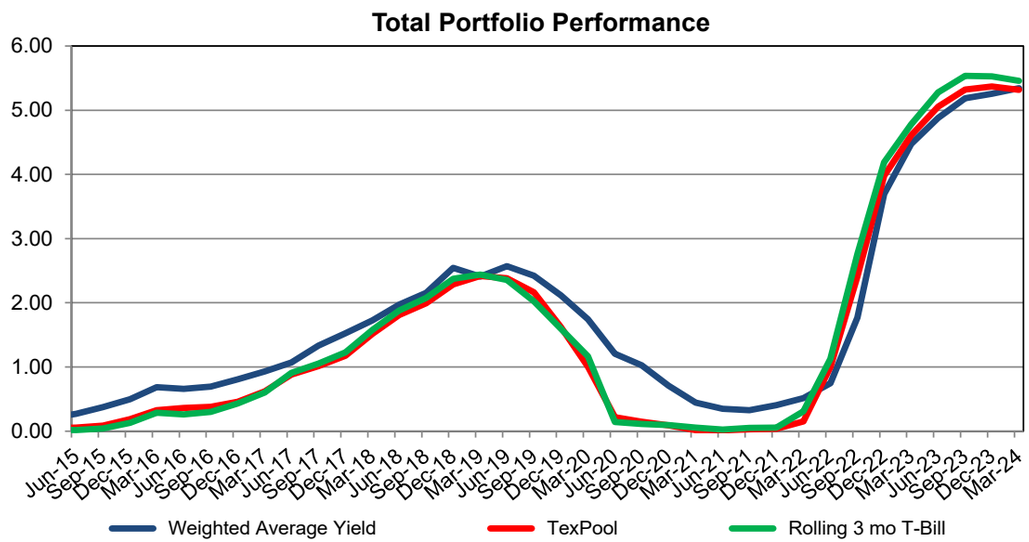
(2) Weighted average yield to maturity - The weighted average yield to maturity is based on adjusted book value, realized and unrealized gains/losses and investment advisory fees are not considered. The yield for the reporting month is used for bank accounts and money market funds.

(3) Earnings Credit Rate - Wells Fargo balances are used to to offset bank fees generating an estimated Earnings Credit Rate.

(4) Sweep MMF - Utilizes a SEC registered Allspring Global Money Market Mutual Fund focused on preserving capital and maintaining a high level of liquidity by actively managing a diversified portfolio of short-term U.S. government debt and repurchase agreements and seeks to maintain a stable net share value of $1.000.


Portfolio Composition
CDs
21%
DDA
0%
MMA/MMF/LGIPs
79%


Distribution by Maturity (Millions)
$90
$80
$70
$60
$50
$40
$30
$20
$10
$0
1 to 30 Days
31 to 90 Days
91 to 180 Days
181 days to 1…
1 to 2 Years
2+ Years


Total Portfolio Performance
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jun-15
Sep-15
Dec-15
Mar-16
Jun-16
Sep-16
Dec-16
Mar-17
Jun-17
Sep-17
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Dec-21
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Jun-22
Sep-22
Dec-22
Mar-23
Jun-23
Sep-23
Dec-23
Mar-24
Weighted Average Yield
TexPool
Rolling 3 mo T-Bill

Book & Market Value Comparison

Issuer/Description	Yield	Maturity Date	Book Value 12/31/23	Increases	Decreases	Book Value 03/31/24	Market Value 12/31/23	Change in Market Value	Market Value 03/31/24
Wells Fargo Bank DDA	0.00%	04/01/24	$ 121,133	$ –	$ (119,749)	$ 1,384	$ 121,133	$ (119,749)	$ 1,384
Allspring Gov't MMF-WF Sweep Acc't	5.19%	04/01/24	25,733,872	9,905,726	–	35,639,598	25,733,872	9,905,726	35,639,598
Origin Bank MMA	4.71%	04/01/24	1,045,405	12,035	–	1,057,440	1,045,405	12,035	1,057,440
NexBank IntraFi MMA	5.55%	04/01/24	25,154,252	352,930	–	25,507,182	25,154,252	352,930	25,507,182
Prosperity Bank MMA	1.10%	04/01/24	6,737,175	–	(6,726,914)	10,261	6,737,175	(6,726,914)	10,261
TexPool	5.32%	04/01/24	5,378	5,455,812	–	5,461,190	5,378	5,455,812	5,461,190
LOGIC LGIP	5.47%	04/01/24	1,840,562	1,325,323	–	3,165,885	1,840,562	1,325,323	3,165,885
East West Bank CD	5.97%	01/02/24	5,122,404	–	(5,122,404)	–	5,122,404	(5,122,404)	–
East West Bank CD	6.03%	01/16/24	1,052,596	–	(1,052,596)	–	1,052,596	(1,052,596)	–
Texas Capital Bank CD	4.85%	01/17/24	1,568,066	–	(1,568,066)	–	1,568,066	(1,568,066)	–
East West Bank CD	5.90%	03/28/24	5,281,173	–	(5,281,173)	–	5,281,173	(5,281,173)	–
Harmony Bank CD	3.94%	04/07/24	511,457	5,079	–	516,537	511,457	5,079	516,537
East West Bank CD	5.65%	04/09/24	–	2,025,169	–	2,025,169	–	2,025,169	2,025,169
East West Bank CD	5.08%	04/15/24	524,231	6,522	–	530,754	524,231	6,522	530,754
Texas Capital Bank CD	4.87%	04/17/24	2,091,137	25,543	–	2,116,680	2,091,137	25,543	2,116,680
East West Bank CD	5.94%	04/18/24	1,011,926	14,661	–	1,026,587	1,011,926	14,661	1,026,587
East West Bank CD	5.90%	05/06/24	2,120,617	30,563	–	2,151,180	2,120,617	30,563	2,151,180
East West Bank CD	5.63%	07/29/24	–	3,001,802	–	3,001,802	–	3,001,802	3,001,802
East West Bank CD	5.61%	08/28/24	–	2,355,200	–	2,355,200	–	2,355,200	2,355,200
East West Bank CD	5.25%	10/09/24	–	2,023,420	–	2,023,420	–	2,023,420	2,023,420
East West Bank CD	5.05%	01/09/25	–	2,022,532	–	2,022,532	–	2,022,532	2,022,532
East West Bank CD	4.94%	04/24/25	–	1,575,375	–	1,575,375	–	1,575,375	1,575,375
TOTAL/AVERAGE	**5.34%**		**$ 79,921,386**	**$ 30,137,693**	**$ (19,870,902)**	**$ 90,188,177**	**$ 79,921,386**	**$ 10,266,791**	**$ 90,188,177**

Allocation
March 31, 2024

Book & Market Value

	Total	General	ARPA	Utility	Debt Service	Pooled Cash Investments	Economic Development	Capital Projects Construction
Wells Fargo Bank DDA	$ 1,384	$ 1,384	$ –	$ –	$ –	$ –	$ –	$ –
Allspring Gov't MMF-WF Sweep Acc't	35,639,598	35,639,598	–	–	–	–	–	–
Origin Bank MMA	1,057,440	1,057,440	–	–	–	–	–	–
NexBank IntraFi MMA	25,507,182	16,996,914	–	–	–	–	–	8,510,268
Prosperity Bank MMA	10,261	2,371	7,100	790	–	–	–	–
TexPool LGIP	5,461,190	–	4,676,238	–	–	784,952	–	–
LOGIC LGIP	3,165,885	2,645,377	–	520,509	–	–	–	–
04/07/24–Harmony Bank CD	516,537	–	–	–	–	–	516,537	–
04/09/24–East West Bank CD	2,025,169	–	–	2,025,169	–	–	–	–
04/15/24–East West Bank CD	530,754	–	–	–	530,754	–	–	–
04/17/24–Texas Capital Bank CD	2,116,680	–	–	2,116,680	–	–	–	–
04/18/24–East West Bank CD	1,026,587	1,026,587	–	–	–	–	–	–
05/06/24–East West Bank CD	2,151,180	2,151,180	–	–	–	–	–	–
07/29/24–East West Bank CD	3,001,802	–	–	–	–	–	–	3,001,802
08/28/24–East West Bank CD	2,355,200	–	–	–	–	–	–	2,355,200
10/09/24–East West Bank CD	2,023,420	861,360	–	1,162,060	–	–	–	–
01/09/25–East West Bank CD	2,022,532	–	–	2,022,532	–	–	–	–
04/24/25–East West Bank CD	1,575,375	–	–	–	–	–	1,575,375	–
Total	**$ 90,188,177**	**$ 60,382,211**	**$ 4,683,338**	**$ 7,847,740**	**$ 530,754**	**$ 784,952**	**$ 2,091,912**	**$ 13,867,270**

Allocation
December 31, 2023

Book & Market Value

	Total	General	ARPA	Utility	Debt Service	Pooled Cash Investments	Economic Development	Capital Projects Construction
Wells Fargo Bank DDA	$ 121,133	$ 121,133	$ –	$ –	$ –	$ –	$ –	$ –
Allspring Gov't MMF-WF Sweep Acc't	25,733,872	25,733,872	–	–	–	–	–	–
Origin Bank MMA	1,045,405	1,045,405	–	–	–	–	–	–
NexBank IntraFi MMA	25,154,252	16,761,736	–	–	–	–	–	8,392,516
Prosperity Bank MMA	6,737,175	1,556,638	4,661,660	518,877	–	–	–	–
TexPool LGIP	5,378	–	–	–	–	5,378	–	–
LOGIC LGIP	1,840,562	1,840,562	–	–	–	–	–	–
01/02/24–East West Bank CD	5,122,404	–	–	5,122,404	–	–	–	–
01/16/24–East West Bank CD	1,052,596	–	1,052,596	–	–	–	–	–
01/17/24–Texas Capital Bank CD	1,568,066	–	–	–	–	–	1,568,066	–
03/28/24–East West Bank CD	5,281,173	–	–	–	–	–	–	5,281,173
04/07/24–Harmony Bank CD	511,457	–	–	–	–	–	511,457	–
04/15/24–East West Bank CD	524,231	–	–	–	524,231	–	–	–
04/17/24–Texas Capital Bank CD	2,091,137	–	–	2,091,137	–	–	–	–
04/18/24–East West Bank CD	1,011,926	1,011,926	–	–	–	–	–	–
05/06/24–East West Bank CD	2,120,617	2,120,617	–	–	–	–	–	–
Total	**$ 79,921,386**	**$ 50,191,889**	**$ 5,714,256**	**$ 7,732,419**	**$ 524,231**	**$ 5,378**	**$ 2,079,523**	**$ 13,673,689**

STAFF REPORT

MEETING: City Council - 04 Jun 2024

TITLE:
Monthly Financial Report as of April 30, 2024

Vision Statement:

"Duncanville, a City of Champions, is a safe, vibrant, diverse community committed to excellence in education, business, and good governance."

Pillar:

- **Emphasize: Government Accountability, Customer Service, Efficiency and Process Improvement**
  - **Develop a high performing organization that encourages innovation, transparency, and collaboration while delivering exceptional customer service.**

STAFF RESPONSIBLE:
Jennifer Otey, Budget Administrator

BACKGROUND/HISTORY:
The Finance Report is presented to provide actual revenues received and expenditures made compared to the budget. The report provides financial summary data on key funds, including the General, Utility, Economic Development, and Fieldhouse funds. Additionally, a listing of current capital improvement projects is included with the report.

POLICY EXPLANATION:
The month of April is the seventh month of fiscal year 2023-2024. Revenues and expenditures are unaudited and will be updated as the year progresses. Revenues and expenditures can fluctuate depending on the time of year, but the benchmark for revenues and expenditures compared to the budget is 58.3%.

FUNDING SOURCE:

ORG and Object Number
NA

Available Budget	**Purchase Amount**	**After Encumber**
NA	NA	NA

ACTION ALTERNATIVES:
No City Council action required.

ATTACHMENTS:
Monthly Financial Report as of April 30, 2024

CITY OF DUNCANVILLE
MONTHLY FINANCIAL REPORT

Fiscal Year 2023-2024
YEAR-TO-DATE OPERATIONS

AS OF APRIL 30, 2024

OCTOBER 1, 2023 - APRIL 30, 2024

We are building a vibrant, inclusive community, driven by a commitment to democratic principles and service above self

Updated and Prepared by
FISCAL SERVICES DEPARTMENT
5/28/2024

FY 2023-2024 FINANCIAL REPORT
as of April 30, 2024

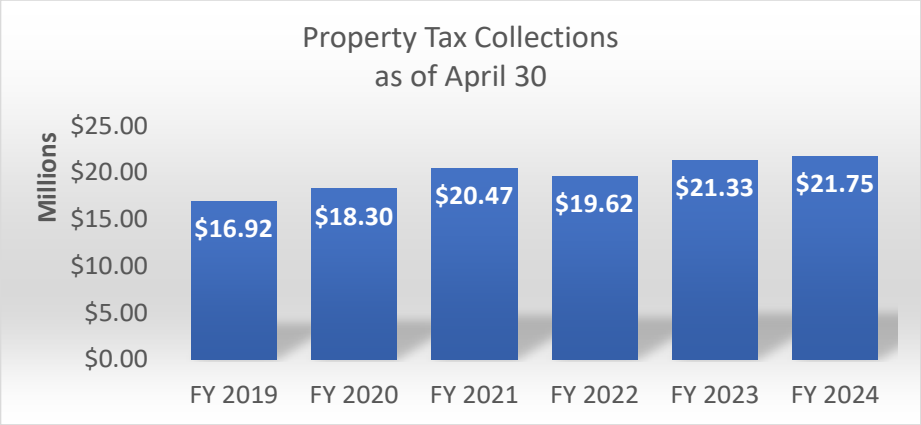
EXECUTIVE SUMMARY

The Duncanville Monthly Financial Report presents unaudited revenues and expenditures through April 30, 2024, compared to the budgetary numbers for the fiscal year 2023-2024 and the actual numbers year-to-date for the fiscal year 2022-2023. The report provides financial summary data on all funds, including on-going Capital Improvement Projects. The General Fund is the primary operating fund for the City, so details of revenues by category and expenditures by the department are included in the financial statements. In addition, all other funds that are part of daily operations are included in brief to highlight each fund's revenues, expenditures, and fund balances.

April is the seventh month of the fiscal year (FY) 2023-2024. The benchmark percentage of funds received and expended is 58.3%. Below are highlights of year-to-date revenues and expenditures through April 30, 2024. The FY 2022-23 entries continue to be reconciled as the audit process is underway. Therefore, the beginning year balances will continue to be adjusted and smoothed out as the year progresses and the audit is concluded.

The charts throughout the summary compare the revenues and expenditures year-to-date, for the same period, for each fiscal year from FY 2019 to current.

PROPERTY TAX COLLECTIONS



The above chart shows total property tax collected including the debt portion and delinquent taxes. Property Taxes account for over 50 % of the total General Fund revenue budget. Per Dallas County, current year collections are at 96.88% of the levy.

Total Property Taxes collected in the month of April:

- Tax Year 2023: $115,074
- Prior Years: $37,370
- Penalties and Interest: $41,175

FY 2023-2024 FINANCIAL REPORT
as of April 30, 2024

SALES TAX TREND

SALES TAX ALLOCATION HISTORICAL SUMMARIES

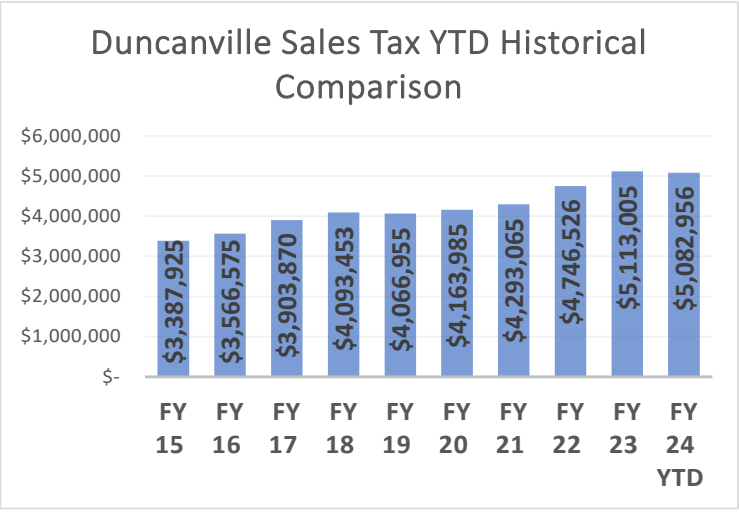
City of Duncanville
Authority Code: 2057084
2 CENT AUTHORIZATION

TOTAL SALES TAXES COLLECTED AND RECEIVED

.02 CENT ALLOCATION			FY	FY	FY	FY	FY	FY
COLLECTION MONTH	RECEIVED MONTH	% CHANGE PY ACCUMULATIVE	2023-24	2022-23	2021-22	2020-21	2019-20	2018-19
OCT	DEC	2.92%	$ 1,022,816.88	$ 993,789.74	785,673.18	830,234.09	899,967.44	808,134.72
NOV	JAN	2.87%	$ 998,707.18	$ 971,344.59	970,431.17	802,203.37	799,874.76	761,307.93
DEC	FEB	-4.37%	$ 1,132,304.74	$ 1,332,694.48	1,207,624.54	1,045,330.25	1,093,884.42	982,541.46
JAN	MAR	-2.61%	$ 964,640.77	$ 931,089.88	915,721.95	798,307.67	692,647.12	751,474.37
FEB	APR	-0.59%	$ 964,486.83	$ 884,085.98	867,075.56	816,989.85	677,611.75	763,496.18
MAR	MAY			$ 1,389,625.43	1,371,074.68	1,215,345.22	888,123.96	1,069,253.79
APRIL	JUN			$ 1,007,903.02	1,053,655.75	1,073,951.31	773,096.95	846,390.05
MAY	JUL			$ 1,023,076.19	1,055,650.56	895,092.16	809,543.87	879,867.74
JUNE	AUG			$ 1,216,715.98	1,274,933.45	1,130,684.16	1,021,135.56	1,018,284.27
JULY	SEP			$ 1,043,855.32	1,039,021.98	1,013,137.28	774,925.04	861,472.41
AUG	OCT			$ 1,011,326.44	972,252.62	917,440.10	806,953.30	885,497.37
SEPT	NOV			$ 1,228,584.78	1,244,441.19	1,169,399.73	1,036,229.49	1,023,608.43
TOTAL			5,082,956.40	13,034,091.83	12,757,556.63	11,708,115.19	10,273,993.66	10,651,328.72
Total % Change over Prior Year				2.17%	8.96%	13.96%		
Total % Change over Prior Year - YTD			-0.59%	7.72%	10.56%	3.10%		

Sales tax accounts for 25% of the general fund revenue budget. Seventy-five percent (75%) or 0.015 cents of the collections goes to the General Fund for operations and property tax relief. The remaining 25% or .005 cents goes to Economic Development.

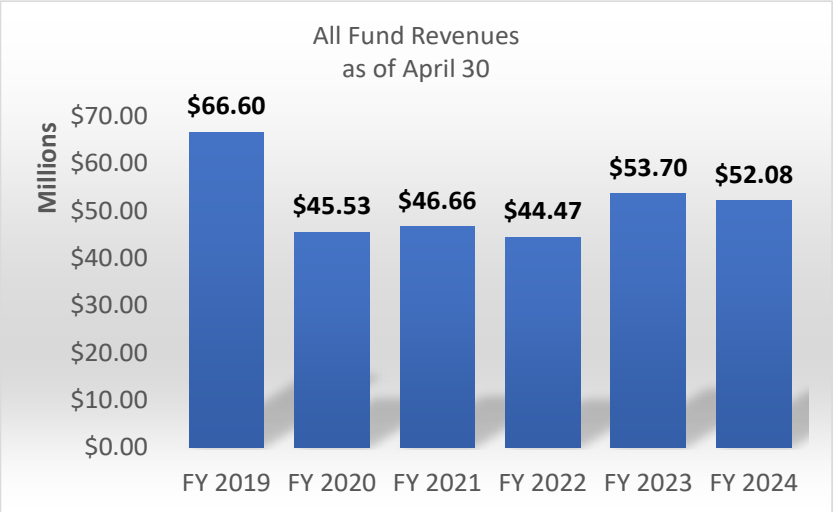
- Sales Tax collections are currently at -0.59% over the previous year's collections for the same time period.
- The benchmark of receipts year to date is 41.7% since collections are two months behind. Total actual receipts are 38% of the budget.
- Overall, the retail trade segment, the city's largest segment of sales tax collection, has been trending downward. Internet retail is strong but at the expense of brick-and-mortar retail sales.



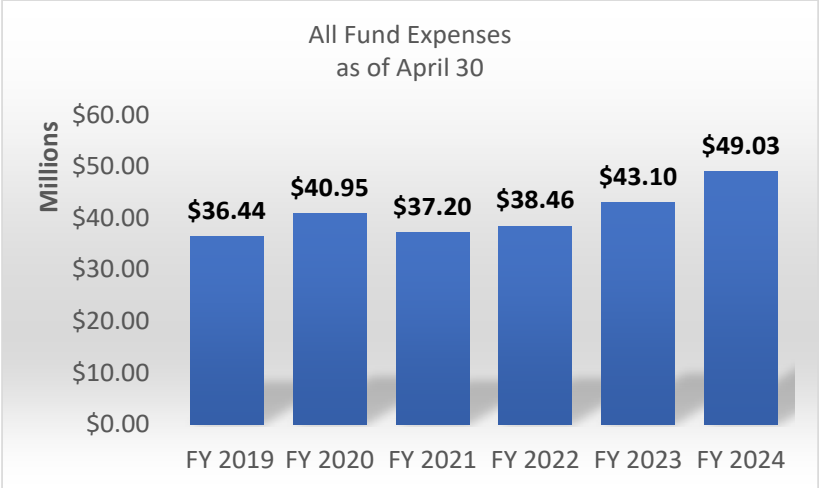
FY 2023-2024 FINANCIAL REPORT
as of April 30, 2024

ALL FUNDS

Total revenue collected as of April 30, 2024, is $46.9 million. This is 62.2% of the total revenue budget for all funds.



- Interest Income received to date is $2.2 million.

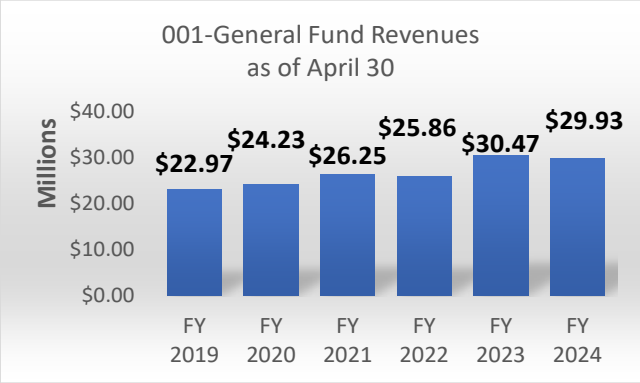


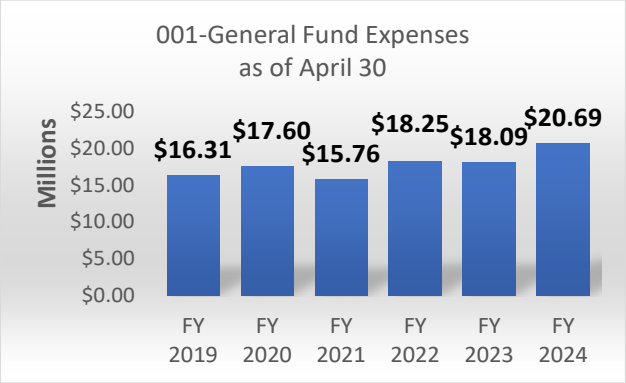
Expenditures are 45% of the budget to date.

FY 2023-2024 FINANCIAL REPORT
as of April 30, 2024

GENERAL FUND

The General Fund's unaudited ending fund balance for actuals is approximately $31 million to date. This is due to ongoing adjustments to FY 2023 as the City continues with the FY 2023 audit. Additionally, revenues continue to be higher than expenditures to date as the bulk of property tax revenue is received early in the fiscal year. The General Fund fiscal year 2024 budget is estimated to have an unaudited ending fund balance of approximately $16.9 million.





General Fund Revenue Highlights:

- General Fund revenues and service reimbursements are currently at 74% of the budget.
- Property Tax receipts are 93% of the budget to date.
- Interest revenue received to date is $1,312,174. This is 16.8% greater than FY 2023.

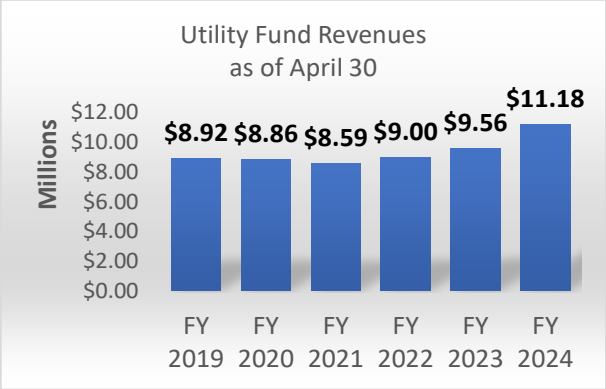
General Fund Expense Highlights:

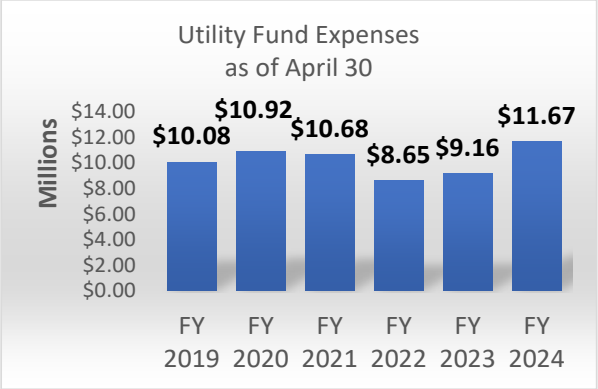
- Operating expenditures are 50.6% of the budget.
- Divisions trending at 40% or less at this point in the year:
  - Special Events – the biggest event and expenditures occur in the summer.
  - Street Maintenance – has 5 vacancies and street maintenance projects occur in late Spring and Summer.
  - Traffic Operations – capital replacement projects, such as traffic cabinet replacements, have not been expended to date.
  - Equipment Services – budget is primarily outsourced maintenance and repairs, as needed, fuel and in-house maintenance. Timing of expenditures can vary.

FY 2023-2024 FINANCIAL REPORT
as of April 30, 2024

UTILITY FUND

The Utility Operating Fund's unaudited beginning fund balance is $12.9 million, with an actual year-to-date unaudited fund balance of $12.4 million. Expenses exceeded revenues for April by $997 thousand.





- Total utility revenues are 52.9 % of the budget. This is on target as revenue collection is one month behind.
  - In April the City received a $809 thousand refund from Trinity River Authority. Every year TRA calculates a settle up from the previous fiscal year. We are refunded if our actual flow is less than projected.

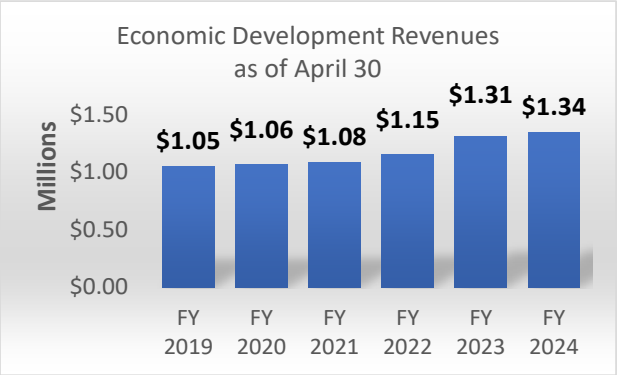
- Total expenditures are 52.7% of the budget. This amount includes $2.1 million in payments to Dallas Water Utilities (wholesale water) and $3.6 million to Trinity River Authority (wastewater treatment) to date.

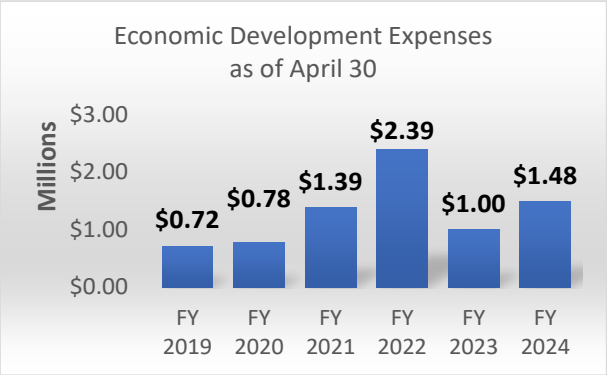
FY 2023-2024 FINANCIAL REPORT
as of April 30, 2024

ECONOMIC DEVELOPMENT

The Economic Development unaudited beginning fund balance is $6.8 million, with an actual year-to-date unaudited fund balance of $6.7 million.

- Total revenues are 40% of the budget. Revenue received in Economic Development is a ½ cent sales tax. Collections for January were paid in March. Benchmark is 41.7% since sales tax collections are two months behind.



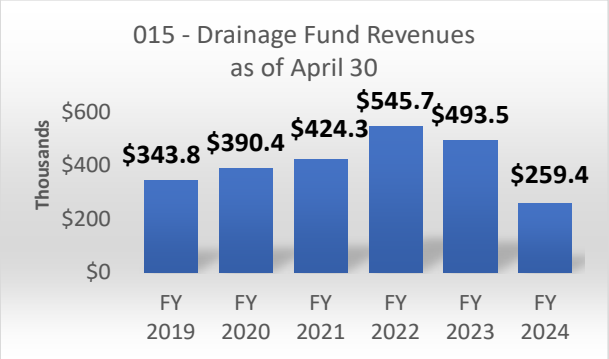


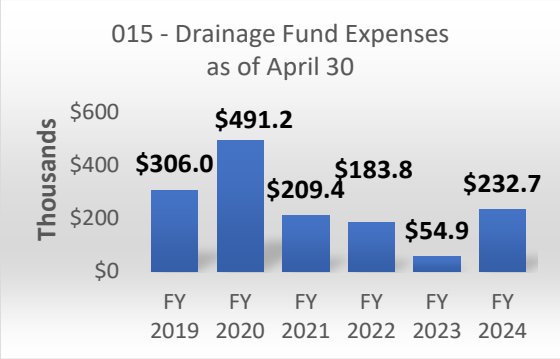
- Total expenditures are 33% of the budget.
  - The "Other Financing Uses" expense category includes incentives and grants line-item accounts; $413,468 in incentives have been paid to date.

FY 2023-2024 FINANCIAL REPORT
as of April 30, 2024

DRAINAGE FUND

The Drainage Fund unaudited beginning fund balance is $2 million, with an actual year-to-date unaudited fund balance of $2 million.



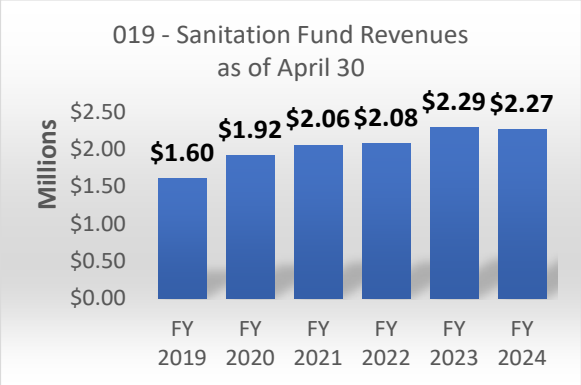


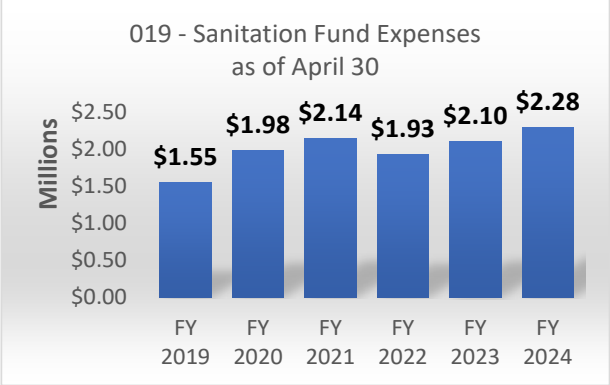
- Total revenues are 33.3 % of the budget.
- Total expenditures are 9% of the budget. This fund budgets for 3 FT street positions. However, these positions are vacant. Construction project expenses are 11% of the budget to date.

FY 2023-2024 FINANCIAL REPORT
as of April 30, 2024

SANITATION FUND

The Sanitation Fund unaudited beginning fund balance is $846,938, with an actual year-to-date unaudited fund balance of $838,049.



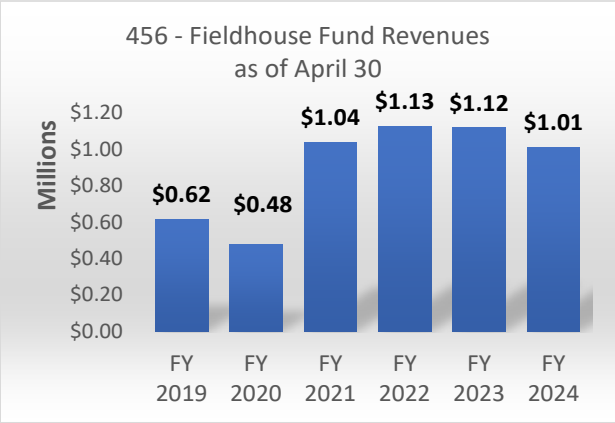


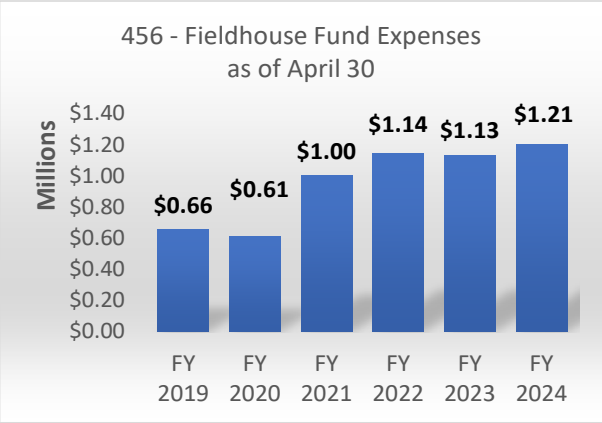
- Total revenues are 48.5 % of the budget. Revenues are on target as collections are one month behind.
- Total expenditures are 49.1 % of the budget. Expenses include Garbage Collection Fees to Republic. A total of $1.9 million has been paid to date to Republic and for Landfill.

FY 2023-2024 FINANCIAL REPORT
as of April 30, 2024

FIELDHOUSE FUND

The Fieldhouse Fund unaudited beginning fund balance is -$1.8 million, with an actual year-to-date unaudited fund balance of -$2 million.





- Total revenues are 48.2 % of the budget.
- Total expenditures are 59.7 % of the budget.
  - Annual debt payment paid in February. - $530,675. Debt to be paid in full in February 2025.

OTHER FUND HIGHLIGHTS

- **Fund 010 – Hotel/Motel:** Total expenses year to date is 64.7%. This includes tax grants in the amount of $452,863 paid year to date.

AMERICAN RESCUE PLAN (ARPA) PROJECT INFORMATION

The State and Local Fiscal Recovery Fund (SLFRF) or more commonly referred to as ARPA funds are nearing the end. In the rules, the funds are to be fully obligated by December 31, 2024, and spent by December 31, 2026. Obligated means committed to in the form of an agreement or contract. The funds remaining unobligated by this date must be returned.

Below is a summary of what's been spent to date since receiving the funds, what's currently obligated by purchase order/contract, and what's currently earmarked or requested but has not moved forward with a purchase or agreement.

Projects:	Spent to date	Remaining Obligation	Status
Employee Premium Pay	$1,231,135.63	$0	Complete
Business Grants	$421,287.00	$0	Complete
Outdoor Fitness Equipment	$329,605.94	$0	Complete
Building Improvements – HVAC, Roofing, Library Furniture, City Hall lobby	$315,023.95	$44,125	In progress
IT Infrastructure, Equipment Upgrades, Software	$202,068.42	$299,464.91	In progress
Public Safety Equipment and Emergency Services – including ambulance, body worn cameras and system, fire gear, fire station generator, traffic and radar equipment	$1,819,251.56	$0	Complete
Fire Station 1	$3,338,688	$962,892.81	In progress
TOTAL	**$7,633,787.50**	**$1,306,482.72**	

The total awarded amount is $9,620,929.80. The remaining funds unobligated as of this report is $680,659.58.

The remaining earmarked funds are:

- $100,000 - Dog Park – to come to Council in June for design award.
- $500,000 towards a Utility project but has not been committed.
- 70,000 Library Digital Literacy Program.

ACCOUNT CATEGORY EXPLANATIONS

REVENUES:

1. 50 – Property Taxes: includes current year taxes, prior year taxes, and penalties and interest on delinquent taxes.
2. 51 – Sales & Other Taxes: includes Sales Tax, Hotel/Motel Occupancy Tax, and Mixed Beverage Tax.
3. 52 – Permits & Licenses: includes Building related permits, alarm permits, health inspections.
4. 53 – Fines and Fees: includes court fines, late payment penalties.
5. 54 – Intergovernmental Revenues: include revenues from grant awards, court awards, and reimbursements from other governmental agencies. For example, School Crossing Guards, Regional Emergency Management, CDBG (Community Development Block Grant) Neighborhood Service Officer.
6. 55 – Interest: includes interest earned from investments.
7. 56 – Franchise Fee Revenue: includes revenues received from gross receipts for utilities such as Gas, Electric, Cable, garbage collection. Companies such as Atmos and Oncor, submit franchise payments.
8. 57 – Charges for Service: includes memberships, rentals, water/sewer/garbage services, Fieldhouse rentals.
9. 58 – Transfers from Funds: includes funds received from other Funds.
10. 59 – Other Sources: includes all other revenues not categorized. Smaller revenue sources such as miscellaneous and reimbursements.

EXPENDITURES:

1. 60 – Salary and Benefits: includes all salary, benefit, workers compensation, and retiree medical insurance line items.
2. 72 – Supplies and Materials: includes line items for office supplies, direct materials, clothing, tools, janitorial supplies, postage, computer hardware and software.
3. 73 – Contractual and Professional Services: includes election expenses, contractual services such as the cost-sharing partnerships for the jail, animal shelter, and regional dispatch, membership dues, professional development, professional fees such as engineers for construction projects, and legal services.
4. 74 – Maintenance and Repair Services: includes maintenance/licensing agreements such as software support, building, grounds, vehicle maintenance.
5. 75 – Utilities: City facilities water, gas, and electrical.
6. 76 – Capital Outlay: includes purchase over $5000 to become a capitalized asset such as land, building improvements, infrastructure, equipment and vehicles.
7. 77 – Debt Services: includes principal and interest payments on debt.
8. 78 – Transfers to Funds: includes transfers out to other funds, IT and Fleet replacement contributions.

9. 79 – Other Financing Uses: includes training, hospitality, and employee appreciation expenses. In Economic Development fund 012 – grants and development incentives are budgeted in this category.

CITY OF DUNCANVILLE
Property Tax Collections Report
April 01 - 30, 2024

	Report Name	Base Tax Levy	Penalty & Interest	Collection Fees	Total
Collections:					
Payments Received	AC003P	$189,651.33	$41,117.34	$14,227.12	$244,995.79
Adjustments to Collections:					
Refunds/Levy Corrections	AC003A	($39,790.07)	$0.00	$0.00	($39,790.07)
Return Check Items	AC003A	$0.00	$0.00	$0.00	$0.00
Transfers/Reversals	AC003A	$2,627.58	$57.93	$0.00	$2,685.51
Total Adjustments to Collections	**AC003A**	**($37,162.49)**	**$57.93**	**$0.00**	**($37,104.56)**
Maintenance & Operations	AC002A	$142,368.98	$37,300.89	$14,227.12	$193,896.99
Interest & Sinking	AC002A	$10,119.86	$3,874.38	$0.00	$13,994.24
Net Collections	**AC002A**	**$152,488.84**	**$41,175.27**	**$14,227.12**	**$207,891.23**
Transferred Refund from Escrow	AC002A	$0.00			$0.00
Rendition Penalty	AC006A	($44.89)			($44.89)
Collections Fee		$0.00			$0.00
Total Miscellaneous Items		**($44.89)**			**($44.89)**
M&O Net Payment to Entity		$142,324.09	$37,300.89		$179,624.98
I&S Net Payment to Entity		$10,119.86	$3,874.38		$13,994.24
Total Net Payment to Entity		**$152,443.95**	**$41,175.27**		**$193,619.22**
Net Adjustment to Levy	AR006A	($40,040.45)			
Current Year Collection Percentage Based on Monthly Collections:				**96.88%**	

Total Net Payment to Entity = (Payments Received - Total Adj to Coll - Total Misc. Items)

M&O Net Payment to Entity = (Maintenance & Operations - Total Miscellaneous Items)

Detail reports will not be attached if no activity occurred for the month.

In accordance with the requirements of the Texas Property Tax Code, Chapter 31, Section 31.10 Paragraph (a), the attached tax collections report is respectfully submitted.

I, John R. Ames, CTA, Dallas County Tax Assessor/Collector, do hereby certify the attached collection totals, to the best of my knowledge.

NOTARY PUBLIC STATE OF TEXAS
Destiny Flores
My Commission Expires
06/29/2024
ID No. 132542872

Notary Public, State of Texas

John R. Ames, CTA
Dallas County Tax Assessor/Collector

Sworn and subscribed before me, this 16 day of May, 2024.

ALL FUNDS
AS OF APRIL 30, 2024

	CURRENT YEAR - FY 2024				PRIOR YEAR - FY 2023		COMPARISON	
UNAUDITED REVENUES AND EXPENSES	YTD Actual	Revised Budget	% of Revised Budget	YTD Remaining Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue								
50 - PROPERTY TAXES	$21,754,195	$23,393,424	92.99%	$1,639,230	$21,328,902	98.46%	$425,292	1.99%
51 - SALES & OTHER TAXES	5,510,719	14,528,864	37.93%	9,018,145	5,765,867	42.46%	(255,148)	-4.43%
52 - PERMITS & LICENSES	434,993	647,500	67.18%	212,507	406,023	70.98%	28,969	7.13%
53 - FINES & FEES	181,242	377,600	48.00%	196,358	202,634	47.78%	(21,392)	-10.56%
54 - INTERGOV REVENUES	186,964	1,604,853	11.65%	1,417,889	4,989,164	86.50%	(4,802,200)	-96.25%
55 - INTEREST	2,191,563	817,926	267.94%	(1,373,637)	1,660,182	858.86%	531,382	32.01%
56 - FRANCHISE FEE REV	779,383	2,080,000	37.47%	1,300,617	869,839	42.35%	(90,456)	-10.40%
57 - CHARGES FOR SERVICES	14,188,744	28,832,460	49.21%	14,643,716	13,845,422	51.46%	343,323	2.48%
58 - TRANSFER FROM FUNDS	4,757,536	9,054,530	52.54%	4,296,994	2,941,829	43.07%	1,815,708	61.72%
59 - OTHER SOURCES	2,095,146	2,426,961	86.33%	331,815	1,690,903	23.41%	404,242	23.91%
Revenue Total	**$52,080,485**	**$83,764,118**	**62.18%**	**$31,683,634**	**$53,700,765**	**63.02%**	**($1,620,280)**	**-3.02%**
Expense								
60 - SALARY AND BENEFITS	$16,852,518	$30,232,373	55.74%	$13,379,855	$14,908,969	53.01%	$1,943,549	13.04%
72 - SUPPLIES & MATERIALS	1,142,220	4,380,861	26.07%	3,238,641	1,372,244	26.67%	(230,024)	-16.76%
73 - CONTRACT & PROF SVCS	12,127,957	25,552,875	47.46%	13,424,918	11,098,628	47.02%	1,029,328	9.27%
74 - MAINT & REPAIR SVCS	835,410	2,326,520	35.91%	1,491,109	684,301	36.94%	151,109	22.08%
75 - UTILITIES	976,505	1,251,864	78.00%	275,359	570,872	47.36%	405,633	71.05%
76 - CAPITAL OUTLAY	9,118,302	29,298,667	31.12%	20,180,364	8,542,035	29.06%	576,268	6.75%
77 - DEBT SERVICES	1,695,516	2,020,481	83.92%	324,966	1,668,041	82.43%	27,475	1.65%
78 - TRANSFER TO FUNDS	5,622,325	10,522,920	53.43%	4,900,595	3,658,129	45.80%	1,964,196	53.69%
79 - OTHER FINANCING USES	662,466	3,792,675	17.47%	3,130,210	596,861	19.82%	65,605	10.99%
Expense Total	**$49,033,219**	**$109,379,236**	**44.83%**	**$60,346,018**	**$43,100,080**	**42.11%**	**$5,933,138**	**13.77%**
Net Income (Loss)	**$3,047,266**	**($25,615,118)**			**$10,600,684**			

001 - GENERAL FUND
AS OF APRIL 30, 2024

UNAUDITED REVENUES AND EXPENSES	CURRENT YEAR - FY 2024				PRIOR YEAR - FY 2023			COMPARISON	
	CY Month Actual	YTD Actual	Revised Budget	% of Revised Budget	PY Month Actual	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue									
50 - PROPERTY TAXES	$168,404	$20,346,422	$21,909,710	92.86%	$131,106	$20,453,665	98.31%	($107,244)	-0.52%
51 - SALES & OTHER TAXES	733,348	3,893,729	10,251,648	37.98%	677,406	3,908,884	40.98%	(15,154)	-0.39%
52 - PERMITS & LICENSES	62,822	434,993	647,500	67.18%	77,323	406,023	70.98%	28,969	7.13%
53 - FINES & FEES	22,210	164,617	350,100	47.02%	28,395	184,059	47.61%	(19,442)	-10.56%
54 - INTERGOV REVENUES	23,005	50,807	347,861	14.61%	53,754	92,089	38.77%	(41,282)	-44.83%
55 - INTEREST	276,945	1,312,174	798,626	164.30%	228,276	1,125,684	1662.75%	186,490	16.57%
56 - FRANCHISE FEE REV	267,963	689,357	1,755,000	39.28%	279,326	729,853	41.97%	(40,496)	-5.55%
57 - CHARGES FOR SERVICES	30,673	1,273,411	1,147,200	111.00%	218,327	1,395,493	124.56%	(122,082)	-8.75%
58 - TRANSFER FROM FUNDS	232,409	1,626,861	2,795,905	58.19%	241,274	1,688,921	58.13%	(62,060)	-3.67%
59 - OTHER SOURCES	25,986	139,698	448,250	31.17%	137,395	481,854	123.24%	(342,156)	-71.01%
Revenue Total	**$1,843,766**	**$29,932,067**	**$40,451,800**	**73.99%**	**$2,072,584**	**$30,466,524**	**80.68%**	**($534,457)**	**-1.75%**
Expense									
60 - SALARY AND BENEFITS	$2,136,385	$14,759,799	$26,172,214	56.39%	$2,030,890	$12,963,196	53.68%	$1,796,602	13.86%
72 - SUPPLIES & MATERIALS	129,010	667,842	2,143,916	31.15%	76,191	580,576	28.14%	87,266	15.03%
73 - CONTRACT & PROF SVCS	484,901	2,990,503	7,999,876	37.38%	531,127	2,696,083	38.40%	294,420	10.92%
74 - MAINT & REPAIR SVCS	111,347	650,104	1,745,685	37.24%	157,878	522,167	37.69%	127,937	24.50%
75 - UTILITIES	272,082	816,463	981,857	83.16%	24,037	508,434	54.08%	308,029	60.58%
76 - CAPITAL OUTLAY	3,996	49,708	268,814	18.49%	11,638	58,641	36.59%	(8,934)	-15.23%
78 - TRANSFER TO FUNDS	71,060	674,055	1,141,418	59.05%	69,081	553,092	47.27%	120,963	21.87%
79 - OTHER FINANCING USES	6,753	80,874	470,182	17.20%	14,518	212,671	42.79%	(131,797)	-61.97%
Expense Total	**$3,215,533**	**$20,689,347**	**$40,923,963**	**50.56%**	**$2,915,360**	**$18,094,862**	**48.40%**	**$2,594,485**	**14.34%**
Net Income (Loss)	**($1,371,767)**	**$9,242,720**	**($472,163)**		**($842,776)**	**$12,371,663**			

	ACTUAL	BUDGET
UNAUDITED BEGINNING FUND BALANCE	**$ 21,691,656**	**$ 17,431,689**
ENDING FUND BALANCE	**$ 30,934,376**	**$ 16,959,526**

FUND BALANCE RESERVE REQUIREMENT	
% of Fund Balance to Expense Ratio	41.4%
# of Days Coverage	151
Reserve Requirement $$ (60 Days)	$ 6,727,227
Reserve Requirement %	16.4%
Excess Reserves	**$ 10,232,299**

001 - GENERAL FUND
AS OF APRIL 30, 2024

UNAUDITED REVENUES	CURRENT YEAR - FY 2024				PRIOR YEAR - FY 2023			COMPARISON	
	CY Month Actual	YTD Actual	Revised Budget	% of Revised Budget	PY Month Actual	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
50 - PROPERTY TAXES									
501101 - CURRENT TAXES	$111,171	$20,096,306	$21,619,710	92.95%	$106,812	$20,153,123	98.09%	(56,816)	-0.28%
501102 - DELINQUENT TAXES	27,664	154,283	145,000	106.40%	14,324	247,187	197.75%	(92,904)	-37.58%
501103 - PENALTIES AND INTEREST	29,569	95,832	145,000	66.09%	9,969	53,356	39.52%	42,476	79.61%
50 - PROPERTY TAXES Total	**$168,404**	**$20,346,422**	**$21,909,710**	**92.86%**	**$131,106**	**$20,453,665**	**98.31%**	**($107,244)**	**-0.52%**
51 - SALES & OTHER TAXES									
501201 - STATE SALES TAX CITY PORTION	$482,243	$2,563,464	$6,768,432	37.87%	$445,796	$2,578,279	40.91%	(14,815)	-0.57%
501202 - SALES TAX PROPERTY TAX RELIEF	241,122	1,281,732	3,384,216	37.87%	222,898	1,289,140	40.91%	(7,408)	-0.57%
501204 - ALCOHOLIC BEVERAGE TAX	9,983	48,533	99,000	49.02%	8,711	41,465	48.78%	7,068	17.05%
51 - SALES & OTHER TAXES Total	**$733,348**	**$3,893,729**	**$10,251,648**	**37.98%**	**$677,406**	**$3,908,884**	**40.98%**	**($15,154)**	**-0.39%**
52 - PERMITS & LICENSES									
502101 - BUILDING PERMITS	$36,982	$214,124	$350,000	61.18%	$52,507	$211,236	70.41%	2,889	1.37%
502102 - ELECTRICAL PERMITS	3,825	23,836	27,000	88.28%	2,175	18,325	91.63%	5,511	30.07%
502103 - SOLICITOR LICENSES	0	150	500	30.00%	0	225	45.00%	(75)	-33.33%
502106 - SIGN PERMITS	1,750	12,200	18,000	67.78%	1,425	15,002	100.01%	(2,802)	-18.68%
502108 - HEALTH FOOD INSPECTION FEES	1,835	48,340	75,000	64.45%	260	31,839	45.48%	16,501	51.83%
502109 - PLUMBING AND AC PERMITS	7,950	45,047	60,000	75.08%	3,800	31,825	57.86%	13,222	41.55%
502111 - ZONING & SPEC USE PERMIT	2,200	8,025	12,000	66.88%	0	10,825	127.35%	(2,800)	-25.87%
502114 - RENTAL PROPERTY REGISTRATION	3,350	42,385	55,000	77.06%	2,275	47,280	94.56%	(4,895)	-10.35%
502120 - ALARM PERMITS	4,531	40,235	45,000	89.41%	13,081	37,467	74.93%	2,769	7.39%
502122 - POOL OR SPA INSPECTION FEE	400	650	5,000	13.00%	1,800	2,000	66.67%	(1,350)	-67.50%
52 - PERMITS & LICENSES Total	**$62,822**	**$434,993**	**$647,500**	**67.18%**	**$77,323**	**$406,023**	**70.98%**	**$28,969**	**7.13%**
53 - FINES & FEES									
502112 - EMS SVCS COST SETTLEMENT	0	0	0	0.00%	0	0	0.00%	0	0.00%
503101 - MUNICIPAL COURT FINES	18,234	132,532	275,000	48.19%	22,438	146,484	48.83%	(13,951)	-9.52%
503102 - COURT RELATED FEES	3,686	28,609	60,000	47.68%	5,211	31,541	48.52%	(2,932)	-9.29%
503103 - SCHOOL CROSSING FEES	184	1,345	2,500	53.78%	213	1,500	42.87%	(156)	-10.38%
503201 - LIBRARY FINES	106	2,059	5,000	41.18%	413	3,899	129.98%	(1,840)	-47.20%
503301 - FALSE ALARM FINES	0	150	7,500	2.00%	50	565	3.77%	(415)	-73.45%
509609 - RETURN CHECK FEES	0	(78)	100	-77.85%	70	70	70.00%	(148)	-211.21%
53 - FINES & FEES Total	**$22,210**	**$164,617**	**$350,100**	**47.02%**	**$28,395**	**$184,059**	**47.61%**	**($19,442)**	**-10.56%**

001 - GENERAL FUND
AS OF APRIL 30, 2024

UNAUDITED REVENUES	CURRENT YEAR - FY 2024				PRIOR YEAR - FY 2023			COMPARISON	
	CY Month Actual	YTD Actual	Revised Budget	% of Revised Budget	PY Month Actual	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
54 - INTERGOV REVENUES									
504102 - DISD SCHOOL CROSSING GUARDS	$0	$13,931	$50,310	27.69%	$0	$11,051	26.00%	2,880	26.06%
504103 - DALLAS CNTY CROSSING GUARD REV	0	5,540	40,000	13.85%	0	17,421	43.55%	(11,880)	-68.20%
504109 - REIMB FOR REG EMERG MANAGER	0	7,099	147,551	4.81%	7,901	16,642	16.64%	(9,543)	-57.34%
507105 - SENIOR MEAL DONATIONS	149	1,379	0	0.00%	229	1,351	0.00%	28	2.10%
508203 - INTERGOV REIMBURSEMENT-CDBG	0	0	60,000	0.00%	0	0	0.00%	0	0.00%
508210 - INTERGOV REIMBURSEMNTS-CARE TM	22,857	22,857	50,000	45.71%	0	0	0.00%	22,857	0.00%
54 - INTERGOV REVENUES Total	**$23,005**	**$50,807**	**$347,861**	**14.61%**	**$53,754**	**$92,089**	**38.77%**	**($41,282)**	**-44.83%**
55 - INTEREST									
505101 - INTEREST ON GOVT POOL INVEST	$176,751	$602,148	$386,806	155.67%	$142,256	$637,109	37476.99%	(34,961)	-5.49%
505103 - CERT OF DEPOSIT INTEREST	18,489	121,072	65,473	184.92%	12,183	59,543	165.40%	61,529	103.33%
505106 - MONEY MARKET INTEREST	81,705	588,954	346,347	170.05%	73,838	429,032	1430.11%	159,922	37.28%
55 - INTEREST Total	**$276,945**	**$1,312,174**	**$798,626**	**164.30%**	**$228,276**	**$1,125,684**	**1662.75%**	**$159,922**	**16.57%**
56 - FRANCHISE FEE REV							0.00%		
501301 - FRANCHISE FEE ELECTRIC	$267,955	$518,292	$1,150,000	45.07%	$267,899	$514,489	44.74%	3,803	0.74%
501302 - FRANCHISE FEE GAS	0	104,902	390,000	26.90%	10,993	133,374	40.17%	(28,473)	-21.35%
501303 - FRANCHISE FEE TELEPHONE	9	31,069	75,000	41.43%	434	40,385	49.25%	(9,316)	-23.07%
501304 - FRANCHISE FEE CABLE TV	0	35,094	140,000	25.07%	0	41,604	23.77%	(6,511)	-15.65%
56 - FRANCHISE FEE REV Total	**$267,963**	**$689,357**	**$1,755,000**	**39.28%**	**$279,326**	**$729,853**	**41.97%**	**($40,496)**	**-5.55%**
57 - CHARGES FOR SERVICES									
502105 - EMERGENCY MEDICAL SERVICE	$0	$1,077,704	$900,000	119.74%	$201,156	$1,212,667	142.67%	(134,963)	-11.13%
507102 - RECREATION FEES	25,569	154,090	200,000	77.04%	11,778	108,217	47.05%	45,872	42.39%
507104 - SENIOR CENTER ANNUAL USER FEE	230	2,818	2,200	128.07%	163	2,240	56.00%	578	25.78%
507107 - RECREATION CENTER CLASSES	1,978	12,616	16,000	78.85%	1,704	14,373	99.12%	(1,757)	-12.22%
507108 - SPECIAL EVENTS	1,466	12,426	16,000	77.66%	1,070	38,910	324.25%	(26,484)	-68.06%
507109 - SENIOR CLASS/TRIPS	48	2,610	3,000	87.00%	552	3,321	184.50%	(711)	-21.41%
509603 - LIBRARY SERVICE FEES	733	10,498	10,000	104.98%	1,906	13,997	174.96%	(3,498)	-24.99%
509622 - MOWING LIEN REIMBURSEMENTS	0	0	0	0.00%	0	1,768	0.00%	(1,768)	-100.00%
57 - CHARGES FOR SERVICES Total	**$30,673**	**$1,273,411**	**$1,147,200**	**111.00%**	**$218,327**	**$1,395,493**	**124.56%**	**($122,082)**	**-8.75%**

001 - GENERAL FUND
AS OF APRIL 30, 2024

UNAUDITED REVENUES	CURRENT YEAR - FY 2024				PRIOR YEAR - FY 2023			COMPARISON	
	CY Month Actual	YTD Actual	Revised Budget	% of Revised Budget	PY Month Actual	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
58 - TRANSFER FROM FUNDS									
598002 - PILOT FEE TZ-CITY WWW UTILITY	$128,507	$899,548	$1,542,082	58.33%	$88,783	$951,103	55.15%	(51,555)	-5.42%
599002 - TRANS FROM UTILITY FUND-002	88,783	621,479	1,065,393	58.33%	143,720	676,417	63.49%	(54,937)	-8.12%
599010 - TRANS FROM HOTEL FUND-010	2,968	20,776	35,616	58.33%	2,606	18,240	58.33%	2,536	13.91%
599012 - TRANS FROM EDC FUND-012	12,151	85,058	145,814	58.33%	6,166	43,162	58.33%	41,896	97.07%
599230 - TRANS FROM JUVENILE FUND-230	0	0	7,000	0.00%	0	0	0.00%	0	0.00%
58 - TRANSFER FROM FUNDS Total	**$232,409**	**$1,626,861**	**$2,795,905**	**58.19%**	**$241,274**	**$1,688,921**	**58.13%**	**($62,060)**	**-3.67%**
59 - OTHER SOURCES									
509101 - SALE OF FIXED ASSETS	$0	$0	$0	0.00%	$0	$34,248	0.00%	(34,248)	-100.00%
509105 - SALE OF MATERIALS	318	426	3,750	11.36%	36	666	26.64%	(1,092)	-36.04%
509601 - MISCELLANEOUS REVENUE	11,175	36,005	100,000	36.01%	104,359	196,565	196.57%	(232,570)	-81.68%
509602 - CASH OVER AND SHORT	34	673	0	0.00%	70	514	0.00%	(1,187)	31.02%
509604 - POLICE ACCIDENT REPORTS	133	3,084	3,500	88.11%	231	1,861	53.18%	(4,945)	65.68%
509612 - CITY SERVICES REIMBURSEMENT	803	2,759	58,000	4.76%	2,004	6,603	11.38%	(9,362)	-58.22%
509613 - WORKERS COMP REIMBURSEMENT	0	9,468	45,000	21.04%	0	14,255	71.28%	(23,723)	-33.58%
509614 - RENTAL OF TOWER	13,523	80,811	225,000	35.92%	13,620	80,833	41.67%	(161,644)	-0.03%
509618 - GAS WELL OIL REVENUE	0	6,471	13,000	49.78%	1,548	7,874	98.42%	(14,345)	-17.81%
509623 - CLAIM REIMBURSEMENTS	0	0	0	0.00%	0	1,305	0.00%	(1,305)	-100.00%
59 - OTHER SOURCES Total	**$25,986**	**$139,698**	**$448,250**	**31.17%**	**$137,395**	**$481,854**	**123.24%**	**($621,552)**	**-71.01%**
Grand Total	**$1,843,766**	**$29,932,067**	**$40,451,800**	**73.99%**	**$2,072,584**	**$30,466,524**	**80.68%**	**($534,457)**	**-1.75%**

001 - GENERAL FUND
AS OF APRIL 30, 2024

UNAUDITED EXPENSES	CURRENT YEAR - FY 2024				PRIOR YEAR - FY 2023			COMPARISON	
	CY Month Actual	YTD Actual	Revised Budget	% of Revised Budget	PY Month Actual	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
0101 - GENERAL GOV. SERVICES DEPT.									
01011000 - MAYOR AND COUNCIL	$423	$41,463	$117,582	35.26%	$5,804	$72,105	50.49%	(30,641)	-42.50%
01011020 - MAYOR	0	1,334	8,500	15.70%	581	11,053	130.04%	(9,719)	-87.93%
01011021 - DISTRICT 1	0	45	7,000	0.64%	0	1,111	15.87%	(1,066)	-95.95%
01011022 - DISTRICT 2	0	42	7,000	0.61%	0	1,328	18.97%	(1,286)	-96.81%
01011023 - DISTRICT 3	0	0	7,000	0.00%	0	2,527	36.11%	(2,527)	-100.00%
01011024 - DISTRICT 4	1,649	3,004	7,000	42.92%	0	5,540	79.15%	(2,536)	-45.78%
01011025 - DISTRICT 5	0	157	7,000	2.24%	0	1,349	19.27%	(1,192)	-88.36%
01011026 - DISTRICT AT LARGE	214	407	7,000	5.81%	0	1,613	23.05%	(1,207)	-74.79%
01011100 - CITY ADMINISTRATION	64,104	389,555	681,007	57.20%	289,102	660,058	75.18%	(270,503)	-40.98%
01011200 - CITY SECRETARY	45,281	185,922	379,408	49.00%	19,424	191,656	50.07%	(5,734)	-2.99%
01011300 - HUMAN RESOURCES	87,076	302,079	495,086	61.02%	35,710	287,791	59.54%	14,289	4.96%
01011400 - INFO TECHNOLOGY	54,269	790,562	1,563,915	50.55%	85,873	553,684	49.31%	236,879	42.78%
01011500 - PUBLIC INFORMATION OFFICE	28,888	257,445	497,264	51.77%	21,368	131,193	49.44%	126,252	96.23%
01011600 - PUBLIC LIBRARY	76,334	570,308	1,123,899	50.74%	87,909	578,922	54.77%	(8,614)	-1.49%
01011700 - CITY MARSHAL	9,646	61,834	120,107	51.48%	7,092	49,916	49.95%	11,918	23.88%
0101 - GENERAL GOV. SERVICES DEPT. Total	**$367,883**	**$2,604,159**	**$5,028,768**	**51.79%**	**$552,862**	**$2,549,846**	**56.88%**	**$54,312**	**2.13%**
0102 - FISCAL SERVICES DEPT.									
01022000 - ACCOUNTING & REPORTING	$86,693	$557,251	$1,073,471	51.91%	$87,307	$499,158	63.81%	58,094	11.64%
01022300 - MUNICIPAL COURT	58,317	278,750	538,945	51.72%	66,029	257,679	52.14%	21,071	8.18%
01022500 - PROCUREMENT OFFICE	18,193	127,321	243,330	52.32%	15,603	117,249	52.80%	10,072	8.59%
0102 - FISCAL SERVICES DEPT. Total	**$163,204**	**$963,322**	**$1,855,746**	**51.91%**	**$168,939**	**$874,085**	**58.33%**	**$89,236**	**10.21%**
0103 - NEIGHBORHOOD & PLANNING DEPT.									
01036100 - BUILDING INSPECTION	$47,820	$321,300	$641,013	50.12%	$60,992	$222,486	44.15%	98,814	44.41%
01036401 - PLANNING SERVICES	11,793	100,754	221,580	45.47%	0	0	0.00%	100,754	0.00%
01036500 - NEIGHBORHOOD SERVICES	29,749	270,849	525,029	51.59%	38,309	292,741	52.79%	(21,892)	-7.48%
01036580 - CDBG PROGRAM-NEIGHBORHOOD	6,627	46,905	84,388	55.58%	5,876	17,921	23.30%	28,985	161.74%
0103 - NEIGHBORHOOD & PLANNING DEPT. Total	**$95,988**	**$739,808**	**$1,472,010**	**50.26%**	**$105,177**	**$533,147**	**46.96%**	**$206,661**	**38.76%**
0104 - PARK AND RECREATION DEPT.									
01044000 - PARK & REC ADMINISTRATION	$22,299	$157,772	$290,023	54.40%	$20,871	$150,825	55.79%	6,947	4.61%
01044100 - REC PROGRAM ADMIN	31,048	233,655	487,898	47.89%	38,855	234,490	51.39%	(835)	-0.36%
01044200 - SPECIAL EVENTS ADMIN	10,532	118,983	331,833	35.86%	20,820	81,292	31.17%	37,691	46.36%
01044300 - ATHLETIC PROGRAMMING	65,412	281,897	453,123	62.21%	28,069	292,019	69.62%	(10,122)	-3.47%
01044500 - HORTICULTURE	18,046	102,408	193,996	52.79%	10,848	62,507	34.40%	39,901	63.83%
01044600 - PARK GROUNDS MAINTENANCE	131,452	752,937	1,744,209	43.17%	108,071	440,235	29.73%	312,703	71.03%
01044900 - SENIOR CENTER	20,733	149,196	238,739	62.49%	18,529	119,731	53.95%	29,466	24.61%
0104 - PARK AND RECREATION DEPT. Total	**$299,522**	**$1,796,849**	**$3,739,820**	**48.05%**	**$246,064**	**$1,381,099**	**41.96%**	**$415,750**	**30.10%**

001 - GENERAL FUND
AS OF APRIL 30, 2024

UNAUDITED EXPENSES	CURRENT YEAR - FY 2024				PRIOR YEAR - FY 2023			COMPARISON	
	CY Month Actual	YTD Actual	Revised Budget	% of Revised Budget	PY Month Actual	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
0105 - POLICE SERVICES DEPT.									
01055000 - POLICE ADMINISTRATION	$214,530	$1,415,201	$2,507,292	56.44%	$234,286	$1,098,382	48.61%	316,819	28.84%
01055100 - PATROL	422,348	3,157,584	5,693,004	55.46%	376,470	2,721,272	53.11%	436,312	16.03%
01055200 - CRIMINAL INVESTIGATION	109,215	796,713	1,644,973	48.43%	113,100	871,610	55.20%	(74,896)	-8.59%
01055300 - ANIMAL CONTROL	12,162	226,801	577,993	39.24%	46,036	282,160	52.30%	(55,359)	-19.62%
01055400 - SCHOOL GUARDS	11,148	63,797	100,620	63.40%	10,405	67,406	76.40%	(3,609)	-5.35%
01055500 - CRIME PREVENTION	13,273	90,444	168,083	53.81%	10,406	86,067	55.65%	4,376	5.08%
01055600 - SWAT ORG	2,469	59,041	146,049	40.43%	3,016	42,721	40.98%	16,320	38.20%
01055700 - RECORDS	28,229	207,833	378,642	54.89%	28,111	190,780	53.51%	17,052	8.94%
01055900 - POLICE SPECIAL SERVICES	67,813	203,620	412,383	49.38%	22,026	175,086	42.70%	28,534	16.30%
0105 - POLICE SERVICES DEPT. Total	**$881,187**	**$6,221,033**	**$11,629,039**	**53.50%**	**$843,856**	**$5,535,484**	**52.14%**	**$685,549**	**12.38%**
0106 - PUBLIC WORKS DEPT.									
01066000 - PUBLIC WORKS ENGINEERING/ADMIN	$43,322	$277,365	$621,263	44.65%	$38,437	$260,155	41.90%	17,210	6.62%
01066200 - STREET MAINTENANCE	234,304	979,587	3,452,237	28.38%	67,008	834,079	23.58%	145,508	17.45%
01066300 - TRAFFIC OPERATIONS	60,360	285,600	1,110,552	25.72%	48,277	403,421	37.51%	(117,821)	-29.21%
01066700 - EQUIPMENT SERVICES	97,586	535,800	1,340,941	39.96%	104,255	716,348	57.33%	(180,547)	-25.20%
01066800 - BUILDING MAINTENANCE	147,781	590,211	979,330	60.27%	59,988	378,118	41.92%	212,093	56.09%
0106 - PUBLIC WORKS DEPT. Total	**$583,353**	**$2,668,563**	**$7,504,322**	**35.56%**	**$317,966**	**$2,592,121**	**35.10%**	**$76,442**	**2.95%**
0107 - FIRE SERVICES DEPT.									
01077000 - FIRE ADMINISTRATION	$76,273	$371,060	$673,422	55.10%	$54,529	$360,429	50.37%	10,631	2.95%
01077100 - FIRE PREVENTION	31,337	200,960	355,291	56.56%	14,764	159,883	52.34%	41,077	25.69%
01077200 - FIRE SUPPRESSION	580,264	3,352,503	5,132,258	65.32%	395,687	2,685,532	58.74%	666,971	24.84%
01077300 - ADVANCED LIFE SUPPORT	128,625	876,957	1,808,383	48.49%	128,331	918,016	50.98%	(41,059)	-4.47%
01077500 - EMERGENCY MANAGEMENT ADMIN	13,779	91,838	197,229	46.56%	9,782	74,141	53.20%	17,698	23.87%
0107 - FIRE SERVICES DEPT. Total	**$830,278**	**$4,893,318**	**$8,166,583**	**59.92%**	**$603,093**	**$4,198,000**	**55.73%**	**$695,319**	**16.56%**
0108 - NON-DEPARTMENTAL									
01088000 - GENERAL NON DEPARTMENTAL	($5,983)	$802,126	$1,377,883	58.21%	$63,642	$336,673	26.60%	465,454	138.25%
0108 - NON-DEPARTMENTAL Total	**($5,983)**	**$802,126**	**$1,377,883**	**58.21%**	**$63,642**	**$336,673**	**26.60%**	**$465,454**	**138.25%**
0109 - USE OF FUND BALANCE									
01099000 - USE OF FUND BALANCE	$0	$0	$149,791	0.00%	$0	$0	0.00%	0	0.00%
0109 - USE OF FUND BALANCE Total	**$0**	**$0**	**$149,791**	**0.00%**	**$0**	**$0**	**0.00%**	**$0**	**0.00%**
Grand Total	**$3,215,432**	**$20,689,178**	**$40,923,963**	**50.56%**	**$2,901,599**	**$18,000,455**	**48.38%**	**$2,688,723**	**14.94%**

002 - WATER/SEWER UTILITY FUND
AS OF APRIL 30, 2024

UNAUDITED REVENUES AND EXPENSES	CURRENT YEAR - FY 2024 YTD Actual	CURRENT YEAR - FY 2024 Revised Budget	CURRENT YEAR - FY 2024 % of Revised Budget	PRIOR YEAR - FY 2023 PY-YTD Actual	PRIOR YEAR - FY 2023 % of Revised Budget	COMPARISON Variance PY-YTD $$	COMPARISON YTD Variance %
Revenue							
53 - FINES & FEES	$3,570	$4,000	89.25%	$3,220	80.49%	$350	10.88%
54 - INTERGOV REVENUES	(0)	600	0.00%	0	0.00%	0	0.00%
55 - INTEREST	262,673	17,100	1536.10%	122,000	713.45%	140,673	115.31%
57 - CHARGES FOR SERVICES	10,070,371	21,061,642	47.81%	9,281,091	48.51%	789,280	8.50%
59 - OTHER SOURCES	845,118	70,777	1194.06%	156,713	221.42%	688,405	439.28%
Revenue Total	**$11,181,732**	**$21,154,119**	**52.86%**	**$9,563,024**	**49.74%**	**$1,618,708**	**16.93%**
Expense							
60 - SALARY AND BENEFITS	$1,221,396	$2,326,735	52.49%	$1,071,580	47.51%	$149,816	13.98%
72 - SUPPLIES & MATERIALS	127,713	705,528	18.10%	198,676	28.91%	(70,963)	-35.72%
73 - CONTRACT & PROF SVCS	5,893,192	10,166,222	57.97%	5,425,757	54.90%	467,435	8.62%
74 - MAINT & REPAIR SVCS	148,852	391,900	37.98%	132,175	39.62%	16,677	12.62%
75 - UTILITIES	85,538	124,220	68.86%	20,886	17.03%	64,652	309.54%
76 - CAPITAL OUTLAY	0	0	0.00%	0	0.00%	0	0.00%
77 - DEBT SERVICES	0	0	0.00%	0	0.00%	0	0.00%
78 - TRANSFER TO FUNDS	4,193,415	8,422,998	49.79%	2,308,654	38.48%	1,884,761	81.64%
79 - OTHER FINANCING USES	400	14,450	2.77%	6,033	31.83%	(5,632)	-93.36%
Expense Total	**$11,670,506**	**$22,152,053**	**52.68%**	**$9,163,761**	**47.46%**	**$2,506,745**	**27.35%**
Net Income (Loss)	**($488,775)**	**($997,934)**		**$399,263**			

	ACTUAL	BUDGETED
UNAUDITED BEGINNING FUND BALANCE	**$ 12,950,348**	**$ 10,760,534**
ENDING FUND BALANCE	**$ 12,461,573**	**$ 9,762,600**

FUND BALANCE RESERVE REQUIREMENT	
% of Fund Balance to Expense Ratio	44.1%
# of Days Coverage	161
Reserve Requirement $$ (60 Days)	$ 3,641,433
Reserve Requirement %	16.4%
Excess Reserves	**$ 6,121,166**

UTILITY CIP FUNDS
AS OF APRIL 30, 2024

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
017 - UTILITY CAPITAL PROJECTS	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$2,500,000	$5,149,340	48.55%	$0	0.00%	$2,500,000	0.00%
Expense	$2,052,671	$7,817,577	26.26%	$2,891,484	46.86%	($838,813)	-29.01%
Net Income (Loss)	**$447,329**	**$2,668,237**		**($2,891,484)**			

UNAUDITED BEGINNING FUND BALANCE	**$ 2,893,768**
ENDING FUND BALANCE	**$ 3,341,097**

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
018 - UTILITY METER REPLACEMENT	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$0	$500,000	0.00%	$583,333	58.33%	($583,333)	-100.00%
Expense	$0	$0	0.00%	$0	0.00%	$0	0.00%
Net Income (Loss)	**$0**	**$500,000**		**$583,333**			

UNAUDITED BEGINNING FUND BALANCE	**$ 1,000,000**
ENDING FUND BALANCE	**$ 1,000,000**

010 - HOTEL TAX FUND
AS OF APRIL 30, 2024

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
UNAUDITED REVENUES AND EXPENSES	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue							
51 - SALES & OTHER TAXES	$335,257	$893,000	37.54%	$567,843	63.73%	(232,586)	40.96%
55 - INTEREST	0	500	0.00%	0	0.00%	0	0.00%
59 - OTHER SOURCES	0	0	0.00%	0	0.00%	0	0.00%
Revenue Total	**$335,257**	**$893,500**	**37.52%**	**$567,843**	**63.70%**	**($232,586)**	**40.96%**
Expense							
60 - SALARY AND BENEFITS	$52,622	$93,654	56.19%	$23,732	28.22%	28,890	121.73%
72 - SUPPLIES & MATERIALS	0	5,150	0.00%	909	15.00%	(909)	-100.00%
73 - CONTRACT & PROF SVCS	452,863	700,264	64.67%	226,264	32.19%	226,599	-100.15%
78 - TRANSFER TO FUNDS	20,776	35,616	58.33%	18,240	58.33%	2,536	13.91%
79 - OTHER FINANCING USES	0	3,795	0.00%	0	0.00%	0	0.00%
Expense Total	**$526,261**	**$838,479**	**62.76%**	**$269,145**	**32.50%**	**$257,116**	**95.53%**
Net Income (Loss)	**($191,003)**	**$55,021**		**($298,698)**			

UNAUDITED BEGINNING FUND BALANCE	**$**	**3,969,486**
ENDING FUND BALANCE	**$**	**3,778,483**

012 - ECONOMIC DEVELOPMENT
AS OF APRIL 30, 2024

UNAUDITED REVENUES AND EXPENSES	CURRENT YEAR - FY 2024 YTD Actual	CURRENT YEAR - FY 2024 Revised Budget	CURRENT YEAR - FY 2024 % of Revised Budget	PRIOR YEAR - FY 2023 PY-YTD Actual	PRIOR YEAR - FY 2023 % of Revised Budget	COMPARISON Variance PY-YTD $$	COMPARISON YTD Variance %
Revenue							
51 - SALES & OTHER TAXES	$1,281,732	$3,384,216	37.87%	$1,289,140	40.91%	(7,408)	100.00%
55 - INTEREST	60,386	0	0.00%	18,823	0.00%	41,563	220.81%
59 - OTHER SOURCES	0	0	0.00%	0	0.00%	0	0.00%
Revenue Total	**$1,342,118**	**$3,384,216**	**39.66%**	**$1,307,963**	**41.51%**	**$34,155**	**2.61%**
Expense							
60 - SALARY AND BENEFITS	$265,407	$562,735	47.16%	$234,894	51.68%	30,513	12.99%
72 - SUPPLIES & MATERIALS	41,515	81,609	50.87%	52,213	70.82%	(10,698)	-20.49%
73 - CONTRACT & PROF SVCS	107,895	550,201	19.61%	18,427	6.12%	89,468	485.53%
74 - MAINT & REPAIR SVCS	23,024	85,600	26.90%	5,519	8.16%	17,505	317.19%
75 - UTILITIES	6,834	23,200	29.46%	3,132	14.85%	3,702	118.17%
76 - CAPITAL OUTLAY	0	100,000	0.00%	0	0.00%	0	0.00%
77 - DEBT SERVICES	0	0	0.00%	0	0.00%	0	0.00%
78 - TRANSFER TO FUNDS	621,476	694,283	89.51%	564,092	92.05%	57,383	10.17%
79 - OTHER FINANCING USES	416,542	2,388,770	17.44%	126,611	5.62%	289,932	228.99%
Expense Total	**$1,482,692**	**$4,486,398**	**33.05%**	**$1,004,889**	**26.55%**	**$477,804**	**47.55%**
Net Income (Loss)	**($140,574)**	**($1,102,182)**		**$303,074**			

UNAUDITED BEGINNING FUND BALANCE	**$ 6,799,740**
ENDING FUND BALANCE	**$ 6,659,166**

015 - DRAINAGE FUND
AS OF APRIL 30, 2024

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
UNAUDITED REVENUES AND EXPENSES	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue							
55 - INTEREST	$0	$200	0.00%	$0	0.00%	0	0.00%
57 - CHARGES FOR SERVICES	259,426	780,000	33.26%	493,529	63.27%	(234,103)	-47.43%
59 - OTHER SOURCES	0	0	0.00%	0	0.00%	0	0.00%
Revenue Total	**$259,426**	**$780,200**	**33.25%**	**$493,529**	**63.26%**	**($234,103)**	**-47.43%**
Expense							
60 - SALARY AND BENEFITS	$1,726	$116,942	1.48%	$2,099	1.57%	(374)	-17.79%
72 - SUPPLIES & MATERIALS	5,476	20,415	26.83%	4,454	22.83%	1,023	22.96%
73 - CONTRACT & PROF SVCS	19,367	418,653	4.63%	45,408	32.75%	(26,040)	-57.35%
74 - MAINT & REPAIR SVCS	0	8,000	0.00%	2,879	35.99%	(2,879)	-100.00%
75 - UTILITIES	87	168	51.99%	30	17.75%	58	192.89%
76 - CAPITAL OUTLAY	206,076	1,918,985	10.74%	0	0.00%	206,076	0.00%
78 - TRANSFER TO FUNDS	0	0	0.00%	0	0.00%	0	0.00%
79 - OTHER FINANCING USES	0	6,760	0.00%	0	0.00%	0	0.00%
Expense Total	**$232,733**	**$2,489,923**	**9.35%**	**$54,870**	**3.17%**	**$177,864**	**324.16%**
Net Income (Loss)	**$26,693**	**($1,709,723)**		**$438,660**			

UNAUDITED BEGINNING FUND BALANCE	**$ 2,004,868**
ENDING FUND BALANCE	**$ 2,031,561**

019 - SANITATION FUND
AS OF APRIL 30, 2024

UNAUDITED REVENUES AND EXPENSES	CURRENT YEAR - FY 2024 YTD Actual	Revised Budget	% of Revised Budget	PRIOR YEAR - FY 2023 PY-YTD Actual	% of Revised Budget	COMPARISON Variance PY-YTD $$	YTD Variance %
Revenue							
55 - INTEREST	$0	$500	0.00%	$0	0.00%	0	0.00%
56 - FRANCHISE FEE REV	79,341	230,000	34.50%	127,682	58.04%	(48,341)	-37.86%
57 - CHARGES FOR SERVICES	2,194,936	4,456,118	49.26%	2,164,405	48.03%	30,530	1.41%
59 - OTHER SOURCES	0	0	0.00%	0	0.00%	0	0.00%
Revenue Total	**$2,274,277**	**$4,686,618**	**48.53%**	**$2,292,088**	**48.49%**	**($17,811)**	**-0.78%**
Expense					0.00%		0.00%
60 - SALARY AND BENEFITS	$183,426	$312,081	58.78%	$162,037	57.08%	21,388	13.20%
72 - SUPPLIES & MATERIALS	8,935	17,573	50.85%	7,715	48.09%	1,221	15.82%
73 - CONTRACT & PROF SVCS	1,979,932	4,091,957	48.39%	1,921,708	45.42%	58,224	3.03%
74 - MAINT & REPAIR SVCS	0	10,000	0.00%	3,028	50.47%	(3,028)	-100.00%
75 - UTILITIES	213	356	59.80%	183	51.31%	30	16.54%
76 - CAPITAL OUTLAY	0	0	0.00%	0	0.00%	0	0.00%
78 - TRANSFER TO FUNDS	110,328	217,705	50.68%	6,197	3.86%	104,131	1680.42%
79 - OTHER FINANCING USES	333	1,200	27.72%	1,182	81.49%	(849)	-71.85%
Expense Total	**$2,283,166**	**$4,650,872**	**49.09%**	**$2,102,049**	**44.73%**	**$181,117**	**8.62%**
Net Income (Loss)	**$8,889**	**$35,746**		**$190,039**			

	ACTUAL	BUDGETED
UNAUDITED BEGINNING FUND BALANCE	**$ 846,938**	**$ 635,552**
ENDING FUND BALANCE	**$ 838,049**	**$ 671,297**

FUND BALANCE RESERVE REQUIREMENT	
% of Fund Balance to Expense Ratio	14.4%
# of Days Coverage	53
Reserve Requirement $$ (60 Days)	$ 764,527
Reserve Requirement %	16.4%
Excess Reserves	**$ (93,230)**

456 - FIELDHOUSE
AS OF APRIL 30, 2024

UNAUDITED REVENUES AND EXPENSES	CURRENT YEAR - FY 2024 YTD Actual	CURRENT YEAR - FY 2024 Revised Budget	CURRENT YEAR - FY 2024 % of Revised Budget	PRIOR YEAR - FY 2023 PY-YTD Actual	PRIOR YEAR - FY 2023 % of Revised Budget	COMPARISON Variance PY-YTD $$	COMPARISON YTD Variance %
Revenue							
53 - FINES & FEES	$0	$0	0.00%	$600	0.00%	(600)	-100.00%
57 - CHARGES FOR SERVICES	390,601	1,387,500	28.15%	510,903	37.42%	(120,303)	-23.55%
58 - TRANSFER FROM FUNDS	530,675	538,625	98.52%	518,100	97.06%	12,575	2.43%
59 - OTHER SOURCES	89,147	170,500	52.29%	90,709	68.33%	(1,562)	-1.72%
Revenue Total	**$1,010,422**	**$2,096,625**	**48.19%**	**$1,120,312**	**55.13%**	**($109,890)**	**-9.81%**
Expense							
60 - SALARY AND BENEFITS	$322,908	$573,012	56.35%	$295,680	52.63%	27,228	9.21%
72 - SUPPLIES & MATERIALS	108,052	285,354	37.87%	127,396	47.24%	(19,344)	-15.18%
73 - CONTRACT & PROF SVCS	156,229	452,774	34.50%	133,136	32.18%	23,094	17.35%
74 - MAINT & REPAIR SVCS	13,431	44,754	30.01%	18,533	35.85%	(5,102)	-27.53%
75 - UTILITIES	66,818	118,564	56.36%	37,974	32.36%	28,844	75.96%
76 - CAPITAL OUTLAY	0	0	0.00%	0	0.00%	0	0.00%
77 - DEBT SERVICES	536,450	539,125	99.50%	518,600	96.22%	17,850	3.44%
78 - TRANSFER TO FUNDS	2,275	3,900	58.33%	1,950	50.00%	325	16.67%
79 - OTHER FINANCING USES	258	2,450	10.55%	173	6.93%	85	49.21%
Expense Total	**$1,206,422**	**$2,019,933**	**59.73%**	**$1,133,442**	**57.84%**	**$85**	**6.44%**
Net Income (Loss)	**($195,999)**	**$76,692**		**($13,130)**			

UNAUDITED BEGINNING FUND BALANCE	**$ (1,840,206)**
ENDING FUND BALANCE	**$ (2,036,206)**

SPECIAL REVENUE FUNDS
AS OF APRIL 30, 2024

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
008 - COMPREHENSIVE SELF INSURANCE	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$326,398	$560,525	58.23%	$273,029	58.32%	$53,369	19.55%
Expense	$497,340	$585,000	85.02%	$531,614	74.75%	($34,274)	-6.45%
Net Income (Loss)	**($170,943)**	**($24,475)**		**($258,586)**			
UNAUDITED BEGINNING FUND BALANCE	**$ 584,909**						
ENDING FUND BALANCE	**$ 413,966**						

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
013 - GRANTS AND DONATIONS	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$272,642	$413,865	65.88%	$66,221	33.11%	$206,421	311.72%
Expense	$210,267	$493,294	42.63%	$11,593	5.26%	$198,673	1713.69%
Net Income (Loss)	**$62,376**	**($79,429)**		**$54,627**			
UNAUDITED BEGINNING FUND BALANCE	**$ 213,873**						
ENDING FUND BALANCE	**$ 276,249**						

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
033 - TAX INCREMENT FINANCING FUND	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$139,137	$96,958	143.50%	$0	0.00%	$139,137	0.00%
Expense	$0	$82,250	0.00%	$0	0.00%	$0	0.00%
Net Income (Loss)	**$139,137**	**$14,708**		**$0**			
UNAUDITED BEGINNING FUND BALANCE	**$ 509,934**						
ENDING FUND BALANCE	**$ 649,071**						

SPECIAL REVENUE FUNDS
AS OF APRIL 30, 2024

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
041 - ONE TIME PROJECTS	**YTD Actual**	**Revised Budget**	**% of Revised Budget**	**PY-YTD Actual**	**% of Revised Budget**	**Variance PY-YTD $$**	**YTD Variance %**
Revenue	$0	$0	0.00%	$0	0.00%	$0	0.00%
Expense	$448,151	$1,001,826	44.73%	$660,219	34.55%	($212,068)	-32.12%
Net Income (Loss)	**$448,151**	**$1,001,826**		**$660,219**			
UNAUDITED BEGINNING FUND BALANCE	**$ 1,538,726**						
ENDING FUND BALANCE	**$ 1,090,575**						

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
050 - ASSET FORFEITURE	**YTD Actual**	**Revised Budget**	**% of Revised Budget**	**PY-YTD Actual**	**% of Revised Budget**	**Variance PY-YTD $$**	**YTD Variance %**
Revenue	$49,710	$36,800	135.08%	$172,009	0.00%	($122,299)	-71.10%
Expense	$164,058	$820,036	20.01%	$285,639	187.59%	($121,581)	-42.56%
Net Income (Loss)	**($114,347)**	**($783,236)**		**($113,629)**			
UNAUDITED BEGINNING FUND BALANCE	**$ 859,151**						
ENDING FUND BALANCE	**$ 744,804**						

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
215 - PEG FUND	**YTD Actual**	**Revised Budget**	**% of Revised Budget**	**PY-YTD Actual**	**% of Revised Budget**	**Variance PY-YTD $$**	**YTD Variance %**
Revenue	$10,685	$95,000	11.25%	$12,304	0.00%	($1,619)	-13.16%
Expense	$0	$20,000	0.00%	$142,247	177.81%	($142,247)	-100.00%
Net Income (Loss)	**$10,685**	**$75,000**		**($129,943)**			
UNAUDITED BEGINNING FUND BALANCE	**$ 45,403**						
ENDING FUND BALANCE	**$ 56,088**						

SPECIAL REVENUE FUNDS
AS OF APRIL 30, 2024

225 - COURT SECURITY FUND	CURRENT YEAR - FY 2024 YTD Actual	Revised Budget	% of Revised Budget	PRIOR YEAR - FY 2023 PY-YTD Actual	% of Revised Budget	COMPARISON Variance PY-YTD $$	YTD Variance %
Revenue	$4,409	$8,000	55.11%	$4,931	0.00%	($522)	-10.59%
Expense	$424	$1,196	35.46%	$220	#DIV/0!	$204	92.92%
Net Income (Loss)	**$3,985**	**$6,804**		**$4,711**			
UNAUDITED BEGINNING FUND BALANCE	**$ 63,723**						
ENDING FUND BALANCE	**$ 67,708**						

230 - JUVENILE CASE MGR	CURRENT YEAR - FY 2024 YTD Actual	Revised Budget	% of Revised Budget	PRIOR YEAR - FY 2023 PY-YTD Actual	% of Revised Budget	COMPARISON Variance PY-YTD $$	YTD Variance %
Revenue	$4,871	$8,000	60.89%	$5,464	0.00%	($592)	-10.84%
Expense	$0	$8,000	0.00%	$522	4.76%	($522)	-100.00%
Net Income (Loss)	**$4,871**	**($0)**		**$4,942**			
UNAUDITED BEGINNING FUND BALANCE	**$ (334)**						
ENDING FUND BALANCE	**$ 4,537**						

235 - COURT TECHNOLOGY	CURRENT YEAR - FY 2024 YTD Actual	Revised Budget	% of Revised Budget	PRIOR YEAR - FY 2023 PY-YTD Actual	% of Revised Budget	COMPARISON Variance PY-YTD $$	YTD Variance %
Revenue	$3,775	$7,500	50.33%	$4,261	0.00%	($486)	-11.40%
Expense	$0	$250	0.00%	$0	0.00%	$0	0.00%
Net Income (Loss)	**$3,775**	**$7,250**		**$4,261**			
UNAUDITED BEGINNING FUND BALANCE	**$ 49,136**						
ENDING FUND BALANCE	**$ 52,911**						

SPECIAL REVENUE FUNDS
AS OF APRIL 30, 2024

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
758 - AMERICAN RESCUE PLAN	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$93,397	$0	0.00%	$4,889,059	0.00%	($4,795,662)	-98.09%
Expense	$1,380,486	$3,791,825	36.41%	$2,568,152	64.73%	($1,187,667)	-46.25%
Net Income (Loss)	**($1,287,088)**	**($3,791,825)**		**$2,320,907**			
UNAUDITED BEGINNING FUND BALANCE	**$ 3,750,890**						
ENDING FUND BALANCE	**$ 2,463,802**						

DEBT SERVICE AND CAPITAL PROJECT/REPLACEMENT FUNDS
AS OF APRIL 30, 2024

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
005 - DEBT SERVICE FUND	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$1,420,862	$1,484,215	95.73%	$875,237	102.09%	$545,625	62.34%
Expense	$1,159,066	$1,481,356	78.24%	$1,149,441	77.42%	$9,625	-0.84%
Net Income (Loss)	**$261,796**	**$2,858**		**($274,204)**			

UNAUDITED BEGINNING FUND BALANCE	**$ 672,509**
ENDING FUND BALANCE	**$ 934,305**

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
020 - STREET CIP	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$0	$190,000	0.00%	$0	0.00%	$0	0.00%
Expense	$838,122	$1,364,685	61.42%	$108,246	17.26%	$729,875	674.27%
Net Income (Loss)	**$838,122**	**($1,174,685)**		**($108,246)**			

UNAUDITED BEGINNING FUND BALANCE	**$ 1,174,685**
ENDING FUND BALANCE	**$ 336,563**

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
024 - PARK CAPITAL IMPROVEMENT	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$0	$750,000	0.00%	$0	0.00%	$0	0.00%
Expense	$2,501,449	$6,084,053	46.90%	$129,479	2.49%	$2,371,970	1831.93%
Net Income (Loss)	**$2,501,449**	**($5,334,053)**		**$129,479**			

UNAUDITED BEGINNING FUND BALANCE	**$ 5,334,053**
ENDING FUND BALANCE	**$ 2,832,604**

DEBT SERVICE AND CAPITAL PROJECT/REPLACEMENT FUNDS
AS OF APRIL 30, 2024

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
025 - ALLEY IMPROVEMENT	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$100,000	$200,000	50.00%	$0	0.00%	$0	0.00%
Expense	$289,166	$405,294	71.35%	$0	0.00%	$289,166	0.00%
Net Income (Loss)	**$189,166**	**($205,294)**		**$0**			

UNAUDITED BEGINNING FUND BALANCE	**$ 432,631**
ENDING FUND BALANCE	**$ 243,465**

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
026 - CAPITAL IMPROVEMENT PROJECTS	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$449,845	$0	0.00%	$315,081	315.08%	$0	0.00%
Expense	$198,697	$4,090,069	4.86%	$2,546,286	26.45%	($2,347,589)	-92.20%
Net Income (Loss)	**$251,148**	**($4,090,069)**		**$2,231,205**			

UNAUDITED BEGINNING FUND BALANCE	**$ 7,454,025**
ENDING FUND BALANCE	**$ 7,705,173**

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
401 - FURNITURE REPLACEMENT	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$0	$40,000	0.00%	$0	0.00%	$0	0.00%
Expense	$0	$69,000	0.00%	$0	0.00%	$0	0.00%
Net Income (Loss)	**$0**	**($29,000)**		**$0**			

UNAUDITED BEGINNING FUND BALANCE	**$ 57,571**
ENDING FUND BALANCE	**$ 57,571**

DEBT SERVICE AND CAPITAL PROJECT/REPLACEMENT FUNDS
AS OF APRIL 30, 2024

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
410 - IT REPLACEMENT	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$91,705	$154,929	59.19%	$76,247	50.00%	$0	0.00%
Expense	($14,771)	$352,700	-4.19%	$62,633	43.74%	($77,403)	-123.58%
Net Income (Loss)	**$106,476**	**($197,771)**		**$13,614**			

UNAUDITED BEGINNING FUND BALANCE	$	**209,339**
ENDING FUND BALANCE	$	**315,815**

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
415 - FLEET REPLACEMENT	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$603,080	$1,022,480	58.98%	$611,132	60.81%	$0	0.00%
Expense	$1,192,355	$3,273,884	36.42%	$83,954	9.19%	$1,108,402	100.00%
Net Income (Loss)	**($589,275)**	**($2,251,404)**		**$527,179**			

UNAUDITED BEGINNING FUND BALANCE	$	**2,858,187**
ENDING FUND BALANCE	$	**2,268,912**

	CURRENT YEAR - FY 2024			PRIOR YEAR - FY 2023		COMPARISON	
420 - SWAT REPLACEMENT	YTD Actual	Revised Budget	% of Revised Budget	PY-YTD Actual	% of Revised Budget	Variance PY-YTD $$	YTD Variance %
Revenue	$37,500	$75,000	50.00%	$0	0.00%	$0	0.00%
Expense	$24,611	$75,322	32.67%	$0	0.00%	$24,611	0.00%
Net Income (Loss)	**$12,889**	**($322)**		**$0**			

UNAUDITED BEGINNING FUND BALANCE	$	-
ENDING FUND BALANCE	$	**12,889**

CAPITAL BOND PROJECTS - CONSOLIDATED AS OF APRIL 30, 2024

	Project Information	Revenue Sources							Project Budget				Actuals				
	DESCRIPTION	Bond Allocation	Utility CIP (017)	One-Time Project (041)	ARPA (758)	General Fund (001)	Grant / Cost Share	Total Revenue Sources	Design	Construction	Other Amounts	Total Project Budget	PYs Actual	FY2024 YTD	Project to Date Actuals	Total Remaining Balance	Status
1	Fire Station 1	$6,000,000	$0	$1,034,426	$3,878,448	$52,000	$0	$10,964,874	$722,630	$7,857,835	$2,397,534	$10,977,999	$7,595,089	$2,007,935	$9,603,024	$1,361,850	Substantially complete - March
2	Service Center Renovation	$2,400,000						$2,400,000	$208,000		$9,200	$217,200	$202,800		$202,800	$2,197,200	Design Complete. Project on hold. Revisit after Facility Assessment.
3	Danieldale Road Reconstruction	$3,100,000	$4,679,887				$167,420	$7,947,307	$493,460	$7,154,319	$66,000	$7,713,779	$7,299,358	$185,346	$7,484,705	$462,602	Substantially complete - landscaping remaining
4	Cedar Ridge Road Reconstruction	$2,000,000	$3,300,000					$5,300,000	$458,050	$4,771,000	$43,000	$5,272,050	$184,617	$153,890	$338,506	$4,961,494	In Design
5	Main Street - $1,500,000 allocated	$1,500,000						$1,500,000				$0			$0		
6	Rotary Park Parking Lot (COMPLETE)	$50,000						$50,000		$17,405		$17,405	$17,405		$17,405	$0	COMPLETE
7	Lakeside Park Pavillion (COMPLETE)	$400,000						$400,000		$392,931		$392,931	$392,931		$392,931	$0	COMPLETE
8	Armstrong Park/Splashpad	$2,250,000					$750,000	$3,000,000	$236,800	$2,810,713	$8,400	$3,055,913	$615,917	$2,501,449	$3,117,366	-$117,366	Estimated Completion - March 2024
9	Harrington Park - including Pavilion and Waterview bridge (Trails)	$2,900,000						$2,900,000	$317,560	$5,670,000		$5,987,560	$194,948		$194,948	$2,705,052	Design Complete. Awaiting direction on funds. Can be broken into 3 phases. There are enough funds for Phase 1 (Concessions and Restrooms); Phase 2 is parking lot/pavillion; Phase 3 is bridge connecting Waterview Park and Harrington
10	City-wide Trails	$1,000,000						$1,000,000		$1,000,000		$1,000,000	$67,278		$67,278	$932,723	Project options given. Awaiting Council/Community direction.
	TOTAL PROJECTS BUDGET	**$21,600,000**						**$35,462,181**	**$2,436,500**	**$29,674,202**	**$2,524,134**	**$34,634,836**	**$16,570,342**	**$4,848,620**	**$21,418,963**	**$12,503,555**	

DRAINAGE PROJECTS (FUND 015) AT APRIL 30, 2024

Project and Vendor Information			Project Budget				Actuals				
	DESCRIPTION	Vendor/Contract Notes	Design	Construction	Other	Total Project Budget	PYs Actual	FY2024 YTD	Life to Date Actuals	BUDGET REMAINING	STATUS
1	Ten Mile Creek - Erosion/Drainage	B&N (3220011) Stoic Const (2240298)	165,060	1,425,311		$1,590,371	106,044	54,416	160,460	1,429,911	Construction Phase
2	Cherry Street/Center Phase 1 - Reconstruction w/ Drainage	IEA (3210067)	5,000	95,128		$100,128	2,340	97,342	99,682	446	In Construction
3	Swan Ridge - Birdwood	SYB Const (3230195)		264,260		$264,260	195,682	54,318	250,000	14,260	Substantially Complete.
4	Lakeside Park - Culvert	IEA (3230194)	45,190			$45,190	39,430	-	39,430	5,760	Design Complete - Construction estimated FY 2025
5	Drainage Assessment - Master Plan/Study	unassigned				$250,000				250,000	Not Started
6	Drainage Improvements - Bridges	unassigned				$120,000				120,000	Not Started
	TOTALS		**215,250**	**1,784,699**	**0**	**$2,369,949**	**$343,496**	**$206,076**	**$549,572**	**$1,820,377**	

UTILITY CIP PROJECTS (FUND 017) AT APRIL 30, 2024

	Project and Vendor Information		Project Budget				Actuals				
	DESCRIPTION	Vendor/Contract Notes	Design	Construction	Other	Total Project Budget	PYs Actual	FY2024 YTD	Life to Date Actuals	BUDGET REMAINING	STATUS
1	Swan Ridge (W/ Drainage + Streets)	Burgess/Niple (3210043) SYB Construction (3230182) - PO #2300480	55,485	1,540,773	47,139	$1,643,397	886,493	761,564	$ 1,648,057	$ (4,660)	Substantially complete
2	Wren and Oriole Avenue Aerial	Dunaway (3210098) Texas Standard Const. (2240238)	70,035	1,209,137		$1,279,172	58,518	755,907	$ 814,424	$ 464,748	In Construction
3	Danieldale Road Reconstruction (UT Portion)	Dunaway (3200023) Pavecon (3210057) Teams Consultants (2300161)	297,564	4,245,132	137,195	$4,679,891	4,645,268	105,672	$ 4,750,940	$ (71,049)	Substantially Complete - Landscaping
4	Cedar Ridge Road Reconstruction (UT Portion)	Dunaway (3210094)	157,367	1,000,000		$1,157,367	87,707	49,035	$ 136,742	$ 1,020,625	In Design
5	Summit Pump House - Rehab - Generator	Dunaway (3210099) Texan Electric Co. PO# 2240190	75,538	579,469		$655,007	68,138	-	$ 68,138	$ 586,869	Construction Awarded 10-17-23
6	FY 22 Pipebursting	Vortex PO# 2300139		999,996		$999,996	948,786		$ 948,786	$ 51,210	Ongoing
7	Danieldale Ground Storage	RJN (3200037) Nova (3210059)	312,386	2,260,137		$2,572,523	2,365,945	142,098	$ 2,508,043	$ 64,480	Complete - Awaiting Final Invoice
8	North Main Pump - Chlorine Injector/Mixer	Dunaway (3210029)	48,624	208,116		$256,740	40,814		$ 40,814	$ 215,926	Construction - Deferrred to FY25
9	SCADA Replacement	Prime Controls (3230218) - PO# 2240146		480,000		$480,000	-		$ -	$ 480,000	Awaiting ordered materials - Est completion 12/31/24
10	FY 23 Pipebursting	Vortex Turnkey (#2300478)		448,265		$448,265	434,384		$ 434,384	$ 13,881	Ongoing
11	Softwood Sewer Aerial	Dunaway (3230100)	84,800	1,339,121		$1,423,921	67,520	184,596	$ 252,116	$ 1,171,805	In Construction

UTILITY CIP PROJECTS (FUND 017) AT APRIL 30, 2024

Project and Vendor Information			Project Budget				Actuals				
	DESCRIPTION	Vendor/Contract Notes	Design	Construction	Other	Total Project Budget	PYs Actual	FY2024 YTD	Life to Date Actuals	BUDGET REMAINING	STATUS
12	Harrington Aerial - Stewart Branch	Dunaway (3230246)	76,560	897,695		$974,255		53,800	$ 53,800	$ 920,455	Awarded 05/21/24 MTG
13	Lead Service Line Replacements Inventory	LJA Engineering (3230250)			207,000	$207,000			$ -	$ 207,000	In progress
14	Beaver Creek - Pipebursting	Not Started		675,000		$675,000			$ -	$ 675,000	Not Started
15	Loopline @ Fire Station	Not started	50,000			$50,000	-		$ -	$ -	Moved to FY2025
16	Hill City - Steger	Burgess/Niple (3210095)	35,700			$35,700	27,800		$ 27,800	$7,900	Moved to FY2025
17	Pressue Plan Valves - Vault	Not Started		120,000		$120,000	-		$ -	$ 120,000	Moved to FY2025
18	Cockrell Hill Rd.	Criado & Associates (3210032)	128,468			$128,468	114,394		$ 114,394	$14,074	Moved to FY2025
19	Siphon @ Wheatland	Not Started		250,000		$250,000	-		$ -	$ 250,000	Moved to FY2025
	TOTALS		**1,392,527**	**16,252,841**	**391,334**	**$18,036,701**	**$9,745,766**	**$2,052,671**	**$11,798,437**	**$6,188,264**	

STREET AND SIDEWALK PROJECTS (FUND 020) AT APRIL 30, 2024

Project and Vendor Information			Project Budget				Actuals				
	DESCRIPTION	Vendor/Contract Notes	Design	Construction	Other	Total Project Budget	PYs Actual	FY2024 YTD	Life to Date Actuals	BUDGET REMAINING	STATUS
1	US 67 - Landscape + Monument Signage	Westwood Professionals (3200044, 3200161, 3210060) Team Consultants (PO# 2300150, 2220060)	269,045	172,546	12,740	$454,331	274,013	167,446	441,458	$12,872	COMPLETE
2	Swan Ridge Reconstruction (w/Utilities)	Burgess & Niples (3210043) SYB Construction (3230182)	46,685	842,847		$889,532	243,629	645,903	889,532	$0	Substantially Complete as of 02/20/24. Final Invoice paid in April
3	Sidewalks Oriole Blvd. - includes CDBG Grant	Dunaway Associates (3210106)	11,500	536,618		$548,118	11,500	-	$11,500	$536,618	Council Approval 04/16/24 MTG
4	BNSF Main/Davis Sidewalks	IEA (3210079) BNSF Railway (3220119)	26,825	60,885		$87,710	62,937	24,773	87,710	$0	COMPLETE
	TOTALS					**$1,979,691**	**$592,079**	**$838,122**	**$1,430,200**	**$549,490**	

ALLEY PROJECTS (FUND 025) AT APRIL 30, 2024

	Project and Vendor Information		Project Budget				Actuals				
	DESCRIPTION	Vendor/Contract Notes	Design	Construction	Other	Total Project Budget	PYs Actual	FY2024 YTD	Life to Date Actuals	BUDGET REMAINING	STATUS
1	Cherry Street/Center Phase 1 - Reconstruction w/ Drainage	IEA (3210067) CCGMG (3230195)	64,817	339,369	16,000	$420,186	50,739	270,863	321,602	98,584	In Construction
2	Cherry Street/Center Phase 2 - Reconstruction w/ Drainage	IEA (3230106)	94,582			$94,582	64,216	18,303	82,518	12,064	In Design
	TOTALS					**$514,768**	**$114,955**	**$289,166**	**$404,121**	**$110,647**	

ONE-TIME PROJECTS (FUND 041) AT APRIL 30, 2024

	DESCRIPTION	TOTAL PROJECT BUDGET	PY ACTUAL	FY 2024 YTD	PROJECT TO DATE ACTUAL	TOTAL REMAINING BALANCE	PROJECT FINANCIAL STATUS
1	PUBLIC SAFETY - P-25 COMPLIANT RADIOS	2,188,003	1,720,111	336,177	2,056,288	131,715	Project completed in May 2023. One more payment due to Motorola. Any remaining funds go toward spare radios and Fire Station 1 alert speakers
2	FIRE STATION CONSTRUCTION - Funds from prev 1x project remaining balance	1,007,736	2,329	111,974	114,304	893,432	Fire Station 1 Construction, IT, and ancillary expenses.
	TOTAL ONE TIME PROJECT BUDGET	**$3,195,739**	**1,722,440**	**448,151**	**$2,056,288**	**$1,025,148**	

ARPA PROJECTS (FUND 758) AT APRIL 30, 2024

	NAME	PROJECT CATEGORY / FUNCTION	DESCRIPTION	REQUESTED AMOUNT	PY ACTUAL	FY 2024	PROJECT TO DATE ACTUAL	TOTAL REMAINING BALANCE	PROJECT FINANCIAL STATUS
1	Employee Premium Pay	Employee Premium Pay	Provide premium pay for city employees worked during the pandemic		1,231,136		1,231,136		COMPLETE
2	New Ambulance	Revenue Loss - Public Safety	Ambulance due for replacement.		370,476		370,476		COMPLETE
3	Air Purification - Fire Apparatus	Revenue Loss - Public Safety	Install air purfication equipment in Fire response vehicles to assist in mitigating spread of Covid-19		20,690		20,690		COMPLETE
4	Adverse Weather Equipment	Revenue Loss - Public Safety	Equipment such as batteries, small generator, etc for backup option to generator in an event of adverse weather, power outages.		4,685		4,685		COMPLETE
5	ESRI License	Revenue Loss - Public Safety	Update licensing for Fire Dept. Allows department mapping of Covid-19 hot spots in order for responders to be aware and better prepared when responding.		2,500		2,500		COMPLETE
6	SCBA Face Cleaners	Revenue Loss - Public Safety	Provide a cleaning system at each station. Ensures effective cleaning to remove carcinogens, dirt, and other residue on the face masks.		11,380		11,380		COMPLETE
7	Bunker Gear	Revenue Loss - Public Safety	To provide each firefighter a second set of gear in accordinance with NFPA 1971. Providing a second set of gear allows a firefighter to change into a clean set after a fire while the initial set is being cleaned of carcinogens.		141,362		141,362		COMPLETE
8	Lexipol Subscriptions	Revenue Loss - Public Safety	State and Federal mandates are consistantly being updated. This service will keep policies up to date and ability to track the changes.		20,829		20,829		COMPLETE
9	SCBA Gear	Revenue Loss - Public Safety	New gear for responders.		276,022		276,022		COMPLETE
10	Library Carrals	Revenue Loss	Replace remaining Carrels. Library started replacing carrels with Cares Act funds in order to support distance learning for the community.		18,620		18,620		COMPLETE
11	Axon Body Worn Cameras/Vest	Revenue Loss - Public Safety	Provide body worn cameras/vest to neighborhood, health inspections, marshal, and fire marshal. These positions either did not have one or used extras PD might have had. This enables staff to have protection and record of interactions with the community.		70,869		70,869		COMPLETE
12	JAMAR Traffic Devices	Revenue Loss - Public Safety	Equipment to gather and analyze speeding and traffic data		8,808		8,808		COMPLETE
13	Lexipol Subscriptions	Revenue Loss - Public Safety	State and Federal mandates are consistantly being updated. This service will keep policies up to date and ability to track the changes.		36,300		36,300		COMPLETE
14	Radar Trailers	Revenue Loss - Public Safety	Speed trailer to prompt speeding drivers to slow down.		16,078		16,078		COMPLETE

ARPA PROJECTS (FUND 758) AT APRIL 30, 2024

	NAME	PROJECT CATEGORY / FUNCTION	DESCRIPTION	REQUESTED AMOUNT	PY ACTUAL	FY 2024	PROJECT TO DATE ACTUAL	TOTAL REMAINING BALANCE	PROJECT FINANCIAL STATUS
15	Body Worn Cameras & System	Revenue Loss - Public Safety	Allows for a direct link to county DA to transfer evidence and case information electronically versus the burning DVDs and having to hand deliver to DA office. This will add great efficiency to the CID function as well as the Property and Evidence Tech time. The Michael Morton Act (MMA) of 2014 and now the Richard Miles Act forces the hand of police departments to quickly gather all sources of digital media and evidence in a case. What can be submited through this portal must be done. The current vendor Watchguard has not been able to get this done so again the CID function has had to burn all of their data to DVDs for storage and disclosure.		580,975		580,975		COMPLETE
16	Cellular Pump Stations	Water/Sewer Infrastructure	Replace 12 routers at pump stations for reliable communication back to SCADA system at Service Center		13,945		13,945		COMPLETE
17	AED Replacements	Revenue Loss - Public Safety	Replace AED (Automated External Defibrillator) units around city facilities.		26,620		26,620		COMPLETE
18	Fire Truck Blocking Apparatus	Revenue Loss - Public Safety	Duncanville share with Cedar Hill for blocking apparatus equipment. To be used for events and incidents requiring an apparatus to block traffic so other fire apparatuses can continued to be used.		-	88,651	88,651	-	COMPLETE
19	EDC - Business Grants	Economic Response	Grants for eligible Duncanville businesses for expenses incurred and revenue loss during the COVID-19 pandemic. Businesse must apply and maximum grant per applicant is $15,000.	700,000	421,287		421,287	-	COMPLETE
20	Emergency Generators/HVAC Replacements	Economic Response and Public Safety	Emergency Generator for Fire Station 271, HVAC and roof replacement at 103. E Wheatland Rd. building	409,686		385,593	385,593	-	COMPLETE
21	Outdoor Fitness Equipment	Revenue Loss	Outdoor fitness equipment at Armstrong Park and Quail Run	350,000	249,388	80,218	329,606	-	COMPLETE
22	Fitness Room Expansion	Revenue Loss	Expand the fitness room at the Recreation Center. It includes combining the fitness room with the room next door allowing for additional space and updated equipment to meet the needs of members and attract new members to the center.	205,000	-		-	-	Reallocate Funds to Fire Station
23	Dog Park	Revenue Loss	Install a dog park at Rotary Park. Also includes parking.	100,000	-		-	100,000	Design Proposed
24	Flock Cameras	Revenue Loss - Public Safety	Leveraging technology for Police staff. Helps police investigate crimes with capturing license plates and vehicle characteristics.	17,100	9,600	7,500	17,100	-	COMPLETE
25	Softwood Sewer Aerial Line Replacement	Water/Sewer Infrastructure	Replace sewer aerial line.	500,000	-		-	500,000	Partial funding with Utilities

ARPA PROJECTS (FUND 758) AT APRIL 30, 2024

	NAME	PROJECT CATEGORY / FUNCTION	DESCRIPTION	REQUESTED AMOUNT	PY ACTUAL	FY 2024	PROJECT TO DATE ACTUAL	TOTAL REMAINING BALANCE	PROJECT FINANCIAL STATUS
26	IT equipment, cameras, network, backbone, VDI, Traffic Service Upgrades	Revenue Loss - Public Safety	Upgrade and relocate traffic operations servers to Service Center. Replace network fiber. Project cost to replace servers and network backbone, replace outdated network infrastructure, and virtual desktops started with Cares Act funds.	490,701	36,425	146,637	183,062	307,638	In Progress
27	IT ERP Re-implementations/Upgrades	Revenue Loss	Projected cost to implement remaining MUNIS applications, Energov (Inspections & Code) and EAM (Asset Management) for inventory and asset management. Cost includes training with MUNIS staff. Additionally once implemented it will reduce general fund expenditures paying for two systems. Projected cost for upgrade and training for MUNIS Financials and Human Capital (Personnel) modules	485,000	-	16,500	16,500	468,500	Reimplementation of Energov and Purchase of Court System approved - Purchase Order issued.
28	Library Programs	Digital Literacy	Digital Literacy and other library programs - instructor and projected advertisement and supply cost.	70,000	-		-	70,000	Library finalizing details
29	City Hall Lobby - Customer Service area	Revenue Loss	Convert City Hall lobby to a Customer Service front desk. Includes displays, desk, IT infrastructure to operate computer at the desk, and sun blocking panels.	50,000	36,718		36,718	44,126	Sun panels remaining, customer service lobby area
30	Fire Station 1 - Construction and IT	Revenue Loss - Public Safety	Complete construction of new Fire Station, with timing of Covid-19, supply shortages, escalated cost of construction and materials, cost to complete nearly doubled.	3,752,541	2,685,471	653,217	3,338,688	413,853	Substantially Complete - March
	TOTAL ONE TIME PROJECT BUDGET			**$7,130,028**	**6,290,184**	**1,378,316**	**$7,668,499**	**$1,904,118**	
								9,572,617	**Balance + Actual to Date**