



City of Hutto

Agenda

City Council Meeting

Thursday, October 19, 2023 at 7:00 PM

City Council Chambers

Hutto City Hall

500 W. Live Oak Street

In accordance with the Texas Open Meetings Act this meeting agenda is posted for public information, continuously, for at least 72 hours prior to the scheduled time of the meeting on the bulletin board located on the exterior wall of the City Hall building at 500 West Live Oak, Hutto, Texas. This meeting agenda is also accessible via the Internet at huttotx.gov

- 1. CALL SESSION TO ORDER**
- 2. ROLL CALL**
- 3. INVOCATION**
- 4. PLEDGE OF ALLEGIANCE**
- 5. CITY MANAGER COMMENTS**
- 6. PUBLIC COMMENT**

Any citizen wishing to speak during public comment may do so after completing the required registration form. The purpose of this item is to allow the residents of Hutto and other interested persons an opportunity to address the City Council on agenda issues and on non-agenda issues that are a matter of the jurisdiction of the City Council (i.e., City policy or legislative issues). Non-agenda issues regarding daily operational or administrative matters should be first dealt with at the administrative level by calling City Hall at (512) 759-4839 during business hours. Each person providing public comment will be limited to 3 minutes. Any citizen wishing to speak during public comment may do so after completing the required registration form. Written comments for this meeting may also be sent to comments@huttotx.gov PRIOR to 4:00 pm on October 19, 2023. The email must include name, address, phone # and email to be recognized properly. Written comments will be provided to Council.

7. PRESENTATION

- 7.1. Fiber Installation Presentation - Rick Coronado

8. BOARDS AND COMMISSIONS ACTION

- 8.1. Consideration and possible action regarding possible appointments, re-appointments and/or removals to City Boards, Commissions, Task Forces, Economic Development Corporations, Local Government Corporations and Tax Increment Reinvestment Zone Boards, City Council Liaisons, and Area Government appointments.
- 8.2. Consideration and possible action on review of Boards and Commissions Ordinance (Councilmember Dan Thornton)

9. RESOLUTIONS

- 9.1. Consideration and possible action on Resolution No. R-2023-267 approving an Interlocal Cooperation Agreement with Williamson County for Participation and Access to Williamson County's Dispatch Services and Public Safety Software Systems and Related Support Services (Chief Jeffrey Yarbrough)

10. OTHER BUSINESS

- 10.1. Consideration and possible action relating to the Ed Schmidt Improvements report recommendations (CIP T10) (Matt Rector)
- 10.2. Discussion and possible action regarding Diversity, Equity, and Inclusion (DE&I) training options (Irene Talioaga)

11. CONSENT AGENDA ITEMS

- 11.1. Consideration and possible action on Resolution No. R-2023-271 authorizing the City Manager to purchase Bergkamp HT-06-20 Asphalt Patch Truck for an amount of \$280,201.25 from Houston Freightliner through HGACBuy HT06-20 Agreement (Rick Coronado)
- 11.2. Consideration and possible action on Resolution No. R-2023-270 approving a purchase of communication equipment upgrades to City Hall and Police Department Facilities from Motorola Solutions Inc. through Texas Department of Information Resources (DIR) agreement for an amount of \$174,509 (Rick Coronado)
- 11.3. Consideration and possible action on Resolution No. R-2023-269 approving the amendment to Individual Project Order (IPO) 2022-04 with Freese and Nichols, Inc. for Construction Phase services to include the design for the Jonah SUD Wholesale Interconnect and 16-inch diameter water transmission line Project (Capital Improvement Project W4-2023) in the amount of \$129,686.00 (Matt Rector)
- 11.4. Consideration and possible action relating to Resolution No. R-2023-268 approving the Service Area Agreement between the City of Hutto and the Jonah Water Special Utility District to release Water CCN area to Jonah Special Utility District (Matt Rector)
- 11.5. Consideration and possible action on Resolution No. R-2023-274 amending the completion date of the Water Modeling updates to the Individual Project Order No. 2023-13 to the Master Agreement dated July 15, 2021 between the City of Hutto and Freese and Nichols, Inc. to February 29, 2024 (Matt Rector)
- 11.6. Consideration and possible action on Resolution No. R-2023-275 amending the completion date for the Water Services Extension Individual Project Order No. 2023-10 to the Master Agreement between the City of Hutto and Freese and Nichols to February 29, 2024 (Matt Rector)
- 11.7. Consideration and possible action on Resolution No. R-2023-276 amending the Wastewater Modeling Individual Project Order with Garver, LLC. by extending the completion date to February 29, 2029 (Matt Rector)
- 11.8. Consideration and possible action on Resolution No. R-2023-277 amending the On Call Wastewater Services Extension Individual Project Order with Garver, LLC by extending the completion date to February 29, 2029 (Matt Rector)
- 11.9. Consideration and possible action on Resolution No. R-2023-273 approving the Investment Report for the period ended 09/30/2023 (Christina Bishop)
- 11.10. Discussion and acceptance of Fiscal Policy Annual Compliance Checklist and Plan for Future (Christina Bishop)
- 11.11. Consideration and possible action accepting the September 2023 Financial Statements (Christina Bishop)
- 11.12. Consideration and possible action on Resolution No. R-2023-272 approving the Annual Investment Policy for the City of Hutto (Christina Bishop)

- 11.13. Consideration and possible action on approving the October 12, 2023 City Council Work Session and Meeting minutes (Angela Lewis)
- 11.14. Consideration and possible action on Ordinance No. O-2023-071 regarding a Co-Op Planned Unit Development Amendment, 35.102 acres, more or less, located on US 79 West at CoOp Blvd (Second Reading) (Ashley Bailey)
- 11.15. Consideration and possible action on Ordinance No. O-2023-033 for the proposed Specific Use Permit request for the property known as 901 Ed Schmidt Boulevard, to allow a drive-through facility (UDC 10.304.10) (Second Reading) (Ashley Bailey)

12. EXECUTIVE SESSION

The City Council for the City of Hutto reserves the right to adjourn into executive session at any time during the course of this meeting to discuss any of the matters listed above as authorized by the Texas Government Code Sections 551.071 (Litigation/Consultation with Attorney), 551.072 (Deliberations regarding real property), 551.073 (Deliberations regarding gifts and donations), 551.074 (Deliberations regarding personnel matters) or 551.076 (Deliberations regarding deployment/implementation of security personnel or devices) and 551.087 (Deliberations regarding Economic Development negotiations).

- 12.1. Pursuant to Texas Government Code section 551.071 (Attorney Consultation) to deliberate and seek legal advice regarding *Jones v. City of Hutto, Texas*, pending in the United States District Court, Western District, Austin Division.
- 12.2. Receive legal advice pursuant to Texas Government Code Section 551.071 and deliberations pursuant to Texas Government Code Sections 551.072, (Real Property); 551.087 (Economic Development Negotiations) related to pending economic development projects being considered by the Hutto Economic Development Corporation or the City of Hutto, including but not limited to Megasite economic development projects
- 12.3. Receive legal advice pursuant to Texas Government Code Sec. 551.071 related to Pending Legal Requests, Potential Claims, Pending Litigation, Potential Litigation, and City Council Legal Requests.

13. ACTION RELATIVE TO EXECUTIVE SESSION

- 13.1. Consideration and possible action on Executive Session Items

14. CITY COUNCIL COMMENTS

Pursuant to Texas Government Code Sec. 551.0415, a member of the governing body may make an announcement about items of community interest during a meeting of the governing body without given notice of the subject of the announcement. Items of Community Interests include: (1) expressions of thanks, congratulations, or condolence; (2) information regarding holiday schedule; (3) an honorary or salutary recognition of public official, public employee, or other citizen, except that a discussion regarding a change in the status of a person's public office or public employment is not an honorary or salutary recognition of the subdivision; (4) a reminder regarding social, ceremonial, or community event organized or sponsored by an entity other than the governing body that was attended or is scheduled to be attended by a member of the governing body or an official or employee of the political subdivision; and (5) announcements involving imminent threat to the public health and safety of people in the political subdivision that has arisen after the posting of the agenda.

- 14.1. General Comments from City Council
- 14.2. Future Agenda Items
- 14.3. Future Additional or Rescheduled meetings as allowed by Hutto City Code Section 1.02.033 Additional or Rescheduled Meetings

15. ADJOURNMENT

16. CERTIFICATION

I certify that this notice of the October 19, 2023 Hutto City Council meeting was posted on the City of Hutto website and the City Hall bulletin board of the City of Hutto on October 16, 2023 before 5:15 P.M.



Angela Lewis
Angela Lewis

The City of Hutto is committed to comply with the Americans Disability Act. The Hutto City Council Chamber is wheelchair accessible. Request for reasonable special accommodations must be made 48 hours prior to the meeting. Please email the City Secretary's office at Angela.Lewis@huttotx.gov or call (512) 759-4033 for assistance.

AGENDA ITEM REPORT

8.1.



To: City Council
Subject: Consideration and possible action regarding possible appointments, re-appointments and/or removals to City Boards, Commissions, Task Forces, Economic Development Corporations, Local Government Corporations and Tax Increment Reinvestment Zone Boards, City Council Liaisons, and Area Government appointments.
Meeting: Thursday, October 19, 2023
Department: City Secretary /
Staff Contact: Angela Lewis

BACKGROUND INFORMATION:

SUMMARY OF REQUEST:

STAFF REVIEW:

Staff has no recommendation

FISCAL NOTES:

No known fiscal impact

ATTACHMENTS:

None

AGENDA ITEM REPORT

8.2.



To: City Council
Subject: Consideration and possible action on review of Boards and Commissions Ordinance (Councilmember Dan Thornton)
Meeting: Thursday, October 19, 2023
Department: City Council /
Staff Contact: Angela Lewis

BACKGROUND INFORMATION:

Councilmember Dan Thornton has two potential changes he'd like to bring for recommendation.

The first is a recommendation to change the membership requirements for the Diversity and Inclusion (D&I) commission to match Library Advisory Board (LAB). Currently, the D&I commission requires members to reside in Hutto City limits, whereas the LAB allows anyone within Hutto ISD boundaries to serve.

The second recommendation is exploring possible changes to the quorum requirements for both LAB and D&I, requiring only three members to meet a quorum, while still remaining a seven person board/commission. This would reduce the number of canceled meetings by both boards. Similarly, revising the vote requirement to pass with only three affirmative votes may also need to be considered.

SUMMARY OF REQUEST:

STAFF REVIEW:

FISCAL NOTES:

ATTACHMENTS:

1. Councilmember Thornton Email
2. Charter Section 3.10
3. O-2020-021 Diversity and Inclusion Commission
4. Ordinance-O-18-04-19-8B-Amending Composition Chapter 2, Art. 2.02, Sec.2.02.092 Terms of Members Providing for Clauses

AGENDA ITEM REPORT

8.2.



Angela Lewis

From: Dan Thornton
Sent: Monday, October 16, 2023 11:09 AM
To: Matt Wojnowski; James Earp
Cc: Angela Lewis; Amanda Taylor; Dottie Palumbo
Subject: RE: Review Boards and Commission Ordinance agenda item

Matt,

I apologize for being so late with this information.

There were two potential changes I wanted to bring up for recommendation.

First was to change the membership requirements for the D&I commission to match the Library Advisory Board. Currently D&I requires members to reside in city limits while LAB allows anyone in the Hutto ISD boundaries.

The second area was exploring possible changes to quorum rules for LAB and D&I. I was thinking we could set the quorum at 3 members for each, while maintaining the board sizes at 7 members. That would reduce the number of canceled meetings by both boards. Related to this, I would also suggest requiring at least 3 affirmative votes to pass items in those meetings. I don't have an ordinance to point to for reference on these items, but wording would be similar to the charter where city council quorum is set at 5 and 4 affirmative votes are required to pass items.

Let me know if more information is needed.

Thank you,
Dan Thornton

From: Matt Wojnowski <Matt.Wojnowski@HuttoTX.gov>
Sent: Monday, October 16, 2023 10:47 AM
To: Dan Thornton <Dan.Thornton@HuttoTX.gov>; James Earp <James.Earp@HuttoTX.gov>
Cc: Angela Lewis <Angela.Lewis@HuttoTX.gov>; Amanda Taylor <amanda.taylor@HuttoTX.gov>; Dottie Palumbo <dottie@texasmunicipallawyers.com>
Subject: Review Boards and Commission Ordinance agenda item
Importance: High

Councilmember Thornton,

Let us know if there is any information you would like in the packet for your requested agenda item on review of board and commissions (requested at September 21 council meeting for discussion in October)

Reminder packet will be published at end of the day; however we can send information out to council outside of the packet process.

Thank you,

c) Interference with Administration

Except for the purpose of inquiries and investigations under Section 3.16 of this Charter, the City Council or its members shall deal with City officers and City employees who are subject to the direction and supervision of the City Manager solely through the City Manager, and neither the City Council nor its members shall give orders to any such officer or employee, either publicly or privately, except as otherwise provided in this Charter.

SECTION 3.09 MEETINGS OF THE CITY COUNCIL

The City Council shall hold at least two regular meetings each month and as many additional meetings as it deems necessary to transact the business of the City and its citizens. The City Council shall fix, by ordinance, the days and time of the regular meetings. Special meetings of the City Council shall be held on the call of the Mayor or three (3) City Council members. Notice of all meetings of the City Council shall be given in accordance with the provisions of applicable state law. *(Amended May 6, 2017)*

SECTION 3.10 QUORUM

Five (5) Members of the City Council shall constitute a quorum for the purpose of transaction of business and no action of the City Council, except as provided in Section 3.06, shall be valid or binding unless adopted by the affirmative vote of four (4) or more Members of the City Council.

SECTION 3.11 RULES OF PROCEDURE

The City Council shall, by ordinance, determine its own rules and order of business and the rules shall provide that citizens of the City shall have a reasonable opportunity to be heard at any meeting. Public comments shall be allowed at all public meetings of the City of Hutto and shall be held before any business is conducted, including moving the meeting into Executive Session. *(Amended May 1, 2021)*

SECTION 3.12 VOTING

The City Council shall provide for minutes being taken and recorded of all meetings, and such minutes shall be a public record. Except as required by state law, there shall be no requirement for the taking and recording of minutes of meetings held in executive or closed session in accordance with applicable state law. Voting shall be by roll call and shall be recorded in the minutes.

All Members of the City Council present shall vote upon every resolution or ordinance, except where there is a conflict of interest, the reason for which shall be stated concisely in the records. *(Amended May 6, 2017)*

ORDINANCE NO. O-2020-021

AN ORDINANCE OF THE CITY OF HUTTO, TEXAS, AMENDING THE CITY OF HUTTO CODE OF ORDINANCES CHAPTER 2-ADMINISTRATION AND PERSONNEL-ARTICLE 2.02 BOARDS, COMMISSIONS AND AUTHORITIES TO ADD DIVISION 8- SECTION 2.02.187: ESTABLISHING A DIVERSITY AND INCLUSION COMMISSION; PROVIDING THAT THIS ORDINANCE SHALL BE CUMULATIVE AND REPEALING ALL ORDINANCES IN CONFLICT; PROVIDING FOR SEVERABILITY; AND DECLARING AN EFFECTIVE DATE.

WHEREAS, the City of Hutto acknowledges that the history of discrimination in the United States of America continues to affect the privilege and/or lack of opportunity for people in the City; and

WHEREAS, the City of Hutto acknowledges that equity occurs when differences such as race, ethnicity, religion, gender, economic status, sexual orientation/gender identification, veteran status, marital status, language, age, disability, etc. do not determine a person's economic, social, or political access; and

WHEREAS, the City of Hutto now holds a majority-minority status, i.e., no racial or ethnic groups comprises a majority of the City's population; and

WHEREAS, the City of Hutto is committed to recognizing and undoing discrimination of any type; and

WHEREAS, providing opportunities for the City and residents to engage, participate and support their community through unified and collaborative activities, programs, and collective citizen engagement, culturally diverse programs, business services, trades and entertainment is valued; and

WHEREAS, all members of the Hutto community offer distinct perspectives, e.g., life experiences, cultural backgrounds, ideas, and interpretations, that foster creativity, innovation, and economic growth; and

WHEREAS, the City of Hutto will benefit from the identification of potential inequities in City services, programs, human resource practices, and decision-making processes; and from encouraging and empowering multicultural appreciation on the City; and

WHEREAS, the City of Hutto will benefit from establishing a Commission of diverse residents to address inequities that impact quality of life for identifiable communities in the City, e.g., race, ethnicity, religion, gender, economic status, sexual orientation/gender identification,

veteran status, marital status, language, age, disability, etc., as well as low-income communities in the City with regards to resource allocation, representation, health outcomes, and other disparities; and

WHEREAS, the City Council of the City of Hutto now finds it appropriate to amend the City of Hutto Code of Ordinances Chapter 2 Administration and Personnel Article 2.02 Boards Commissions, and Authorities to add Division 8 establishing a Diversity and Inclusion Commission.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS:

Section 1. Findings. The foregoing recitals are hereby found to be true and correct and are hereby adopted by the City Council and made a part hereof for all purposes and findings of fact.

Section 2. Amendment to Municipal Code of Ordinances. The Code of Ordinances of the City of Hutto, Texas, is hereby amended by amending **Chapter 2 Administration and Personnel and adding Division 8- Diversity and Inclusion Commission. (Departments, Boards and Commissions), Section 31.60 Equity Commission** as follows:

§ 2.02.187 DIVERSITY AND INCLUSION COMMISSION.

§ 2.02.188 SHORT TITLE.

This subchapter shall be known, and may be cited, as the Diversity and Inclusion Commission Ordinance of the City of Hutto, Texas.

§ 2.02.189 DEFINITIONS.

For the purpose of this subchapter, the following definitions shall apply unless the context clearly indicates or requires a different meaning.

COMMISSION. The Diversity and Inclusion Commission of the city.

CITY. The City of Hutto.

§ 2.02.190 CREATION; MEMBERSHIP REQUIREMENTS.

(A) Creation. There is hereby created the Diversity and Inclusion Commission of the City.

(B) Membership.

1. All Commission members shall be appointed by the City Council and shall serve without compensation.
2. The Commission shall be composed of seven members to serve three-year terms.
3. Each candidate for appointment as a member of the Diversity and Inclusion Commission shall be at least eighteen (18) years old and shall have resided within the corporate city limits, or within territory annexed prior to the appointment, for at least twelve months preceding the appointment. The Diversity and Inclusion Commission shall, to the extent possible, be broadly representative of economic status, race, color, religion, gender, national origin, ancestry, marital status, physical or mental disability, sexual orientation and gender identity.

4. Commission members shall serve without compensation and shall not be employed by or hold any other position in city government. In addition to any other requirements prescribed by the City Council, members shall maintain the qualifications established by this section while in office.
5. Members of the Commission shall be limited to three consecutive full terms in office. A person who has served three consecutive full terms as a regular member may not again hold the same office until at least one term out of office has passed.
6. The term of office of Commission members is three years and shall commence on the last day of July. Initial appointments for establishment of the Commission shall be staggered and with partial terms, with three (3) members appointed with terms ending June 30, 2023 and four (4) members appointed with terms ending June 30, 2024.

§ 2.02.191 ORGANIZATION.

(A) Officers. The Commission shall elect from its members, at the first meeting of the Commission held on or after January 1 of each year, a chairman and a vice-chair, and may elect a secretary. Such officers shall hold office for terms of one year, or until their successors take office.

(B) The Commission shall establish rules of procedure consistent with city ordinances, resolutions, and regulations.

§ 2.02.192 DISMISSAL FROM COMMISSION.

(A) Commission members shall actively participate in the Commission's activities, and any member who is absent for three consecutive regular meetings of the Commission without valid excuse, as determined by the Commission, or moves one's residence outside the city limits, shall automatically be dismissed from membership.

(B) No member of the Commission shall remain in his/her position after being elected or appointed to city, county or state board or office.

§ 2.02.193 COMMISSION MEETINGS.

(A) The Commission shall hold at least one regular meeting each month and shall fix regular meeting dates at a regular meeting place. Special meetings may be called as necessary. A majority of the Commission members serving shall constitute a quorum to do business.

(B) All meetings shall be held in accordance with the Texas Open Meeting Act (TEX. GOV'T CODE, §§551.001 et seq.), as it now exists, or as same may hereafter be amended or codified, to the extent of its applicability to the Commission.

(C) Every regular or special meeting of the Commission shall be open to the public, except as may be authorized by the Texas Open Meetings Act.

§ 2.02.194 DUTIES OF THE COMMISSION.

(A) The Commission shall serve in an advisory capacity and render recommendations upon request of the City Council to include, without limitation, as follows.

- (1) Create focused recommendations specific to Hutto related to equity and empowerment issues.
- (2) Actively promote community awareness and education on the value of diversity.
- (3) Promote equity on the basis of economic status, race, color, religion, gender, national origin, ancestry, marital status, lawful source of income, physical or mental disability, familial status, sexual orientation and gender identity.
- (4) Develop recommendations for actions to strengthen policies, practices, services and programs.
- (5) Create a culture and framework of community equity, diversity and inclusion awareness efforts, programs and activities that are available and accessible to all community members.

(B) The Commission shall provide upon request of the City Council coordination, collaboration, innovation and focus to development effective solutions to address equity and empowerment issues.

(C) The Commission shall provide an annual report to the City Council by January 31 of each year and may be required to provide additional reports upon request of the City Council.

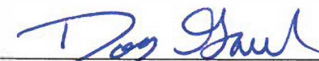
Section 3. Repealer. This Ordinance shall be cumulative of all other ordinances of the City of Hutto, and this Ordinance shall not operate to repeal or affect any other ordinances of the City of Hutto except insofar as the provisions thereof might be inconsistent or in conflict with the provisions of this ordinance, in which event such conflicting provisions, if any, are hereby repealed.

Section 4. Severability. If any provision of this Ordinance is illegal, invalid, or unenforceable under present or future laws, the remainder of this Ordinance will not be affected and, in lieu of each illegal, invalid, or unenforceable provision, a provision as similar in terms to the illegal, invalid, or unenforceable provision as is possible and is legal, valid, and enforceable will be added to this Ordinance.

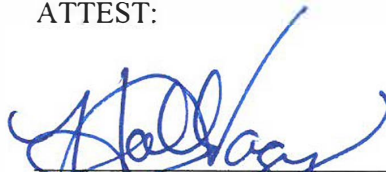
Section 5. Effective Date. That this Ordinance will become effective on its adoption and passage by the City Council in accordance with Section 3.13 of the City Charter.

PASSED AND APPROVED this 16th day of July, 2020.

CITY OF HUTTO, TEXAS


By: Doug Gaul, Mayor

ATTEST:


Holly Nagy, City Secretary



ORDINANCE NO. O-18-04-19-8B

AN ORDINANCE OF THE CITY OF HUTTO, TEXAS AMENDING THE COMPOSITION CHAPTER 2, ARTICLE 2.02, SECTION 2.02.092 TERMS OF MEMBERS AND PROVIDING FOR A PUBLICATION CLAUSE, SEVERABILITY CLAUSE, REPEALING CLAUSE, OPEN MEETING CLAUSE, AND PENALTY CLAUSE AND EFFECTIVE DATE.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS:

SECTION. I

That Chapter 2, Article 2.02, Section 2.02.092 Composition; terms of members of the code of ordinances (2014 Edition) is hereby amended as follows:

ARTICLE 2.02 BOARDS, COMMISSIONS AND AUTHORITIES

Division 4. Generally Section 2.02.092 Composition; terms of members

The board shall consist of seven members that serve a three year term.

SECTION II. Publication Clause

The City Secretary of the City of Hutto is hereby authorized and directed to publish the caption of this ordinance in the manner and for the length of time prescribed by law.

SECTION III. Severability Clause

The provisions of this ordinance are severable, and if any sentence, section, or other parts of this ordinance should be found to be invalid, such invalidity shall not affect the remaining provisions, and the remaining provisions shall continue in full force and effect.

SECTION IV. Repealing Clause

All ordinances and resolutions and parts thereof in conflict herewith are hereby expressly repealed insofar as they conflict.

SECTION V. Open Meeting Clause

The City Council hereby finds and declares that written notice of the date, hour, place, and subject of the meeting at which this ordinance was adopted was posted and that such meeting was open to the public as required by law at all times during which this ordinance and the subject hereof were discussed, considered, and formerly acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

SECTION VI. Effective Date

This ordinance shall take effect and be in force from and after its passage.

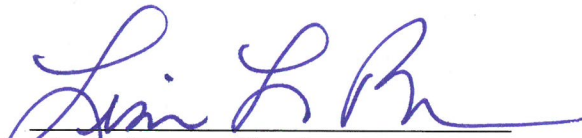
READ and APPROVED the first reading on the **19th** day of **April 2018**.

READ, APPROVED and ADOPTED the ordinance on the second reading this **19th** day of **April 2018**.

CITY OF HUTTO, TEXAS



Doug Gaul, Mayor



Lisa L. Brown, City Secretary

**CITY OF HUTTO
CITY COUNCIL AGENDA**

AGENDA ITEM NO.:

8B.

AGENDA DATE: April 19, 2018

PRESENTED BY:

Lisa Brown, City Secretary

ITEM:

Consideration and possible action on the first reading of an ordinance amending the Code of Ordinances (2014 Edition), Chapter 2, Article 2.02.092 Library Advisory Board, Composition; terms of members. (Lisa Brown)

STRATEGIC GUIDE POLICY: Quality of Life & Services

ITEM BACKGROUND:

The purpose of amending this portion of the ordinance is to expand the number of members of the advisory board from five to seven members. Attached is a redlined copy of the ordinance with the recommended changes.

BUDGETARY AND FINANCIAL SUMMARY:

Not applicable.

RELATED COUNCIL COMMITTEE OR ADVISORY BOARD RECOMMENDATIONS:

Not applicable.

CITY ATTORNEY REVIEW:

Not applicable.

STAFF RECOMMENDATION:

Staff recommends that the City Council approve the ordinance. City Council may dispense with the second reading of the ordinance.

SUPPORTING MATERIAL:

1. [Library Advisory Board Ordinance](#)
2. [Ordinance](#)

Division 4. Library Advisory Board

Sec. 2.02.091 Creation

The city library advisory board shall make recommendations to the city council concerning planning, development and operations of the city library, assist in preparing grants, and meet with other interested persons with library development knowledge. It shall also hold meetings to receive public input.

Sec. 2.02.092 Composition; terms of members

The board shall consist of ~~five~~ seven members that serve a three-year term.

Sec. 2.02.093 Powers and duties

The board shall have the following powers, duties and responsibilities:

- (1) To make recommendations to the city council regarding policies, rules and regulations relating to the administration of the public library system, its facilities and programs.
- (2) To review budget recommendations developed by staff.
- (3) To receive information and comments from citizens pertaining to the city's library and its related facilities and programs.
- (4) To make recommendations with staff regarding the planning of facilities during the concept plan phase, and the availability of grants to the city council.
- (5) To cooperate with the public schools, citizens and city staff in the development of library facilities and programs.
- (6) To supply reports to the city council regarding the status of any library facility and/or programs as deemed appropriate by the city council.
- (7) To participate in fundraising activities, including but not limited to the acquisition of grant funding and in-kind third-party donations to the city for the benefit of library development.

(8) Make an annual report to the city council showing the activities of the commission for the current year.

Secs. 2.02.094-2.02.120 Reserved

ORDINANCE NO. O-

AN ORDINANCE OF THE CITY OF HUTTO, TEXAS AMENDING THE COMPOSITION CHAPTER 2, ARTICLE 2.02, SECTION 2.02.092 TERMS OF MEMBERS AND PROVIDING FOR A PUBLICATION CLAUSE, SEVERABILITY CLAUSE, REPEALING CLAUSE, OPEN MEETING CLAUSE, AND PENALTY CLAUSE AND EFFECTIVE DATE.

NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS:

SECTION. I

That Chapter 2, Article 2.02, Section 2.02.092 Composition; terms of members of the code of ordinances (2014 Edition) is hereby amended as follows:

ARTICLE 2.02 BOARDS, COMMISSIONS AND AUTHORITIES

Division 4. Generally Section 2.02.092 Composition; terms of members

The board shall consist of seven members that serve a three year term.

SECTION II. Publication Clause

The City Secretary of the City of Hutto is hereby authorized and directed to publish the caption of this ordinance in the manner and for the length of time prescribed by law.

SECTION III. Severability Clause

The provisions of this ordinance are severable, and if any sentence, section, or other parts of this ordinance should be found to be invalid, such invalidity shall not affect the remaining provisions, and the remaining provisions shall continue in full force and effect.

SECTION IV. Repealing Clause

All ordinances and resolutions and parts thereof in conflict herewith are hereby expressly repealed insofar as they conflict.

SECTION V. Open Meeting Clause

The City Council hereby finds and declares that written notice of the date, hour, place, and subject of the meeting at which this ordinance was adopted was posted and that such meeting was open to the public as required by law at all times during which this ordinance and the subject hereof were discussed, considered, and formerly acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

SECTION VI. Effective Date

This ordinance shall take effect and be in force from and after its passage.

READ and APPROVED the first reading on the **19th** day of **April 2018**.

READ, APPROVED and ADOPTED the ordinance on the second reading this **19th** day of **April 2018**.

CITY OF HUTTO, TEXAS

Doug Gaul, Mayor

Lisa L. Brown, City Secretary

AGENDA ITEM REPORT

9.1.



To: City Council
Subject: Consideration and possible action on Resolution No. R-2023-267 approving an Interlocal Cooperation Agreement with Williamson County for Participation and Access to Williamson County's Dispatch Services and Public Safety Software Systems and Related Support Services (Chief Jeffrey Yarbrough)
Meeting: Thursday, October 19, 2023
Department: Police Department /
Staff Contact: Jeff Yarbrough

BACKGROUND INFORMATION:

This Interlocal Agreement is related to the changes and additional costs for services the City of Hutto will now be required to pay for dispatching services from the County.

SUMMARY OF REQUEST:

Approval of resolution as presented

STAFF REVIEW:

Staff recommends approval

FISCAL NOTES:

Dispatch services are budgeted at \$350k under account 10-050-001-6413.

ATTACHMENTS:

1. 8-9-23 Clarification for Charges - Dispatch and IT Services in ILA
2. Hutto Resolution ILA WILCO Dispatch
3. 8-9-23 Williamson County Dispatch Services ILA - Cost Sharing (080823)

Clarification for Charges – Dispatch and IT Services in ILA

To help clarify the charges for dispatch and IT services in the interlocal agreement, we have put together the below information to help. We understand there still may be unknowns, as the total costs for dispatch and IT services after Fiscal Year 23 is not yet established, nor is the call volume. We will all work in good faith and cooperation to clarify all costs as soon as they are known.

Fiscal Year 2024:

Costs of dispatch services are based on **FY23** Emergency Communications budget and agency call volume from October 1, 2023 – March 31, 2024 (volume will be doubled to equal to 1 year worth of calls). Mutual aid/agency assist calls are included as part of the 2,500 call allotment. IT costs will be as licensed and calculated.

Agency costs will be **33%** of the total calculated and will be invoiced on April 30, 2024.

Fiscal Year 2025:

Costs of dispatch services are based on **FY24** Emergency Communications budget and agency call volume from October 1, 2023 – March 31, 2024 (volume will be doubled to equal to 1 year worth of calls). **NOTE: In order to calculate with appropriate call volumes, the same time period as FY24 will be utilized.** Mutual aid/agency assist calls are included as part of the 2,500 call allotment. IT costs will be as licensed and calculated.

Agency costs will be **66%** of the total calculated. Costs will be provided by April 30, 2024 and invoiced by October 31, 2024.

Fiscal Year 2026 and beyond:

Costs of dispatch services are based on previous fiscal year Emergency Communications budget and agency call volume from April 1 of the previous calendar year to March 31 of the current calendar year. Mutual aid/agency assist calls are included as part of the 2,500 call allotment. IT costs will be as licensed and calculated.

Agency costs will be **100%** of the total calculated. Costs will be provided by April 30 prior to fiscal year start and invoiced by October 31st of each fiscal year.

RESOLUTION NO. R-2023-267

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, AUTHORIZING THE CITY MANAGER TO EXECUTE AN INTERLOCAL COOPERATION AGREEMENT WITH WILLIAMSON COUNTY FOR PARTICIPATION AND ACCESS TO WILLIAMSON COUNTY'S DISPATCH SERVICES AND PUBLIC SAFETY SOFTWARE SYSTEMS AND RELATED SUPPORT SERVICES

WHEREAS, the City Council desires to authorize the City Manager to execute the Interlocal Cooperation Agreement between the City of Hutto and Williamson County, ("Interlocal Agreement"), attached as Exhibit A, for Participation and Access to Williamson County's Dispatch Services and Public Safety Software Systems and to provide related support services

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

Section 1. The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

Section 2. That the Hutto City Council hereby approves and authorizes the City Manager to execute the Interlocal Cooperation Agreement for Participation and Access to Williamson County's Dispatch Services and Public Safety Software Systems and Related Support Services, Attachment "A," a copy of same being attached hereto and incorporated herein for all purposes.

Section 3. The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

Section 5. This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO on the 19TH day of October 2023 on vote of ___ AYES; ___ NAYS; ___ ABSTENTIONS.

CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary

**INTERLOCAL COOPERATION AGREEMENT FOR
PARTICIPATION AND ACCESS TO WILLIAMSON COUNTY'S
DISPATCH SERVICES AND PUBLIC SAFETY SOFTWARE SYSTEMS AND
RELATED SUPPORT SERVICES**

This Interlocal Agreement for Participation and Access to Williamson County's Dispatch Services and Public Safety Software Systems and Related Support Services (hereinafter "Agreement") is made and entered into by and between Williamson County, Texas (hereinafter "County"), acting by and through its governing body, and the Texas local governmental entity set forth on the signature page hereinbelow (hereinafter "LGE"), acting by and through its governing body. County and LGE may hereinafter collectively be referred to as the "Parties" and individually as "Party". This interlocal cooperation agreement is authorized and governed by the Interlocal Cooperation Act, Chapter 791 of the Texas Government Code.

**I.
Purpose**

The purpose of this Agreement is for LGE to obtain dispatch services from County and be granted access to County's public safety software system and related support services in relation to LGE's provision of law enforcement services, fire services and/or emergency medical services to its citizens; as well as provide for the compensation to County for the costs incurred by County for providing such services and access.

**II.
Definitions**

For purposes of this Agreement, the following terms shall have the meanings set forth herein:

- A. Call: "'Call(s) shall mean and include any activity that generates an event number in the County's Computer Aided Dispatch ("CAD") system to which at least one unit and/or User from LGE is dispatched. Cancelled and test calls will not count as a Call; provided, however, agency assists, and mutual aid responses will count as a Call.
- B. Fiscal Year: "Fiscal Year" shall mean the period of time between October 1st to September 30th.
- C. User: "User" shall mean and include the following:
 - 1. Each unique login to the County's computer system and each account used to access resources of the CAD, Records Management, Mobile Data, and other software packages covered under this Agreement;
 - 2. Each unit and/or apparatus capable of being dispatched and built into the CAD system, if not tied to an individual person;

3. Each employee of a law enforcement agency that accesses County's resources; and
4. Each fire apparatus eligible for dispatch, along with any individual accounts for that fire department.

III.

Obligations, Acknowledgements and Covenants of County

County hereby agrees to the following obligations, acknowledgements, and covenants:

- A. County, acting through its Williamson County Emergency Communications Department ("WCECD"), shall receive all 911 Calls for service originating from LGE's jurisdictional boundaries and dispatch LGE's resources in a timely and professional manner.
- B. WCECD shall receive all non-emergency Calls for service from LGE's jurisdictional boundaries and dispatch LGE's resources in a timely and professional manner.
- C. County will provide associated data collection for Call taking and radio dispatch functions, and any additional related services that are deemed necessary at County's sole discretion.
- D. WCECD shall maintain all written WCECD policies, guidelines, requirements, and procedures which will serve as the policies, guidelines, requirements, and procedures for processing of all Calls for Service. These policies, guidelines, requirements, and procedures will be maintained on a secure SharePoint Website and LGE will be provided with access to the site.
- E. WCECD shall train and direct its staff to comply with the procedures and protocol requirements as developed and revised by the WCECD.
- F. WCECD shall maintain and document status reports to ensure that safety and dispatch standards are maintained.
- G. WCECD shall maintain and make available to LGE information regarding Calls, including, but not limited to, all times related to the Call, units dispatched and responding, actions taken, and any other information reasonably requested by LGE.
- H. County agrees that County shall at all times comply with all applicable local, state, and federal regulations, including, but not limited to any Criminal Justice Information Services ("CJIS") and/or Texas Crime Information System ("TCIC") compliance and regulation requirements. County hereby further agrees and acknowledges that LGE will not be responsible for non-compliance by County of any applicable local, state, and federal regulations, including, but not limited to any CJIS and/or TCIC compliance and regulation requirements and that this Agreement does not, in any way, limit, restrict and/or reduce County's obligations under any and all applicable laws, rules and/or regulations.
- I. County agrees to abide by all present or hereafter approved rules, policies and procedures of Texas Law Enforcement Telecommunications System ("TLETS"), the Texas Crime Information Center ("TCIC"), the National Crime Information Center ("NCIC"), National Law Enforcement Telecommunications System ("NLETS") and any other systems now or in the future associated therewith concerning the collection, storage, processing, retrieval, dissemination and exchange of information for criminal justice purposes.
- J. County will provide LGE with access to the County's public safety software systems under its license, which it maintains and supports, including but not limited to application support, review and installation of software updates, addition or removal of authorized users, software-specific support and any additional related services that are deemed necessary at County's sole discretion.

- K. Williamson County ITS shall maintain all written ITS policies, guidelines, requirements, and procedures which will serve as the policies, guidelines, requirements, and procedures for LGE access to the County's public safety software systems. These policies, guidelines, requirements, and procedures will be maintained on a secure SharePoint Website and LGE will be provided with access to the site.

IV.

Obligations, Acknowledgements and Covenants of LGE

LGE hereby agrees to the following obligations, acknowledgements, and covenants:

- A. LGE acknowledges that all County employees will be hired and compensated by County. All employees of County will be subject to all of the personnel policies and procedures of County and shall not be considered as employees of LGE.
- B. LGE acknowledges that WCECD shall have sole authority to develop and revise, at its discretion, the emergency and non-emergency Call receipt, response and dispatch procedures and protocol for County and that LGE shall have no authority over the day-to-day operations and management of the WCECD.
- C. LGE acknowledges that the WCECD is not the proper department to submit requests that may be desired by LGE in relation to the dispatch services provided hereunder, but, rather the proper forum to make requests shall be the Williamson County Dispatch Steering Committee and/or its Subcommittees.
- D. LGE acknowledges that the Texas Department of Public Safety serves as the CJIS System Agency and LGE agrees to execute, maintain, and comply with agreements with the criminal justice agency or agencies that the Texas Department of Public Safety may require for LGE's access to TLETS, TCIC, and NCIC, and NLETS.
- E. LGE acknowledges that all criminal justice records are to be entered by County with the LGE's Originating Agency Identifier Number ("ORI") and LGE hereby agrees to provide County with its ORI, as well as provide any updates should LGE's ORI be modified in the future.
- F. LGE agrees that it shall at all times comply with all applicable local, state, and federal regulations, including, but not limited to any CJIS and/or TCIC compliance and regulation requirements. LGE hereby further agrees and acknowledges that County will not be responsible for non-compliance by LGE of any applicable local, state, and federal regulations, including, but not limited to any CJIS and/or TCIC compliance and regulation requirements and that this Agreement does not, in any way, limit, restrict and/or reduce LGE's obligations under any and all applicable laws, rules and/or regulations.
- G. LGE agrees to abide by all present or hereafter approved rules, policies and procedures of TLETS, TCIC, and NCIC, and NLETS and any other systems now or in the future associated therewith concerning the collection, storage, processing, retrieval, dissemination and exchange of information for criminal justice purposes; and LGE acknowledges that County reserves the right to suspend service to LGE, which may include canceling of records entered for the LGE, when applicable policies are violated and not reinstate service following such instances until County's receipt of satisfactory assurances that violations have been corrected.
- H. When required by County, LGE shall furnish County with certification of compliance and proof of any necessary evidence of resolution of any compliance issues relating to any applicable local, state, and federal regulations, including, but not limited to any CJIS and/or TCIC

compliance and regulation requirements.

- I. LGE hereby acknowledges and agrees that it will be under and must comply with the same Service Level Agreements (SLAs) that are required of County Departments for Information Technology Services and Dispatch Services.
- J. LGE shall ensure that at all times during this Agreement that at least one current staff person of the LGE has been fully trained on the use of the County's public safety software systems.
- K. LGE hereby agrees and confirms that the total number of LGE's Users for Fiscal Year 2024 are set forth in **Exhibit "A" – LGE Users**. LGE further agrees that it shall notify County, in writing, should the number of LGE's Users increase or decrease following the execution of this Agreement.
- L. In the event that a LGE's User is no longer employed by LGE or is otherwise assigned to a job that no longer needs to utilize or access the County's dispatch services and public safety software systems, LGE must notify the County no later than twenty-four (24) hours following such User's separation from LGE or change in job function.
- M. LGE hereby acknowledges and agrees that each dispatched unit of LGE must have the adequate technology necessary to receive Call information from the County and to indicate a response status to the County, and that, without adequate technology, County may, at its discretion, refuse to configure LGE's system for dispatching such LGE unit or apparatus.
- N. LGE hereby designates the primary and alternate staff persons set forth below LGE's signature to serve as LGE's point of contact for technology issues involving public safety software systems and any issues involving County's dispatch services. LGE acknowledges that County will not reply to requests from or communicate with anyone other than LGE's primary or alternate staff person. LGE further agrees to provide written notification to the County of any changes in its primary or alternate staff persons.
- O. LGE shall comply with all applicable Federal and State laws and regulations and all vendor/manufacture requirements related to the use and operation of the County's public safety software systems.
- P. At all times during the term of this Agreement, LGE agrees to abide by and comply with all relevant County Information Technology Services and WCECD policies, guidelines, requirements, and procedures. LGE acknowledges that the policies, guidelines, requirements, and procedures will be maintained on a secure SharePoint Website and LGE will be provided with access to the site. LGE further acknowledges that sharing County's policies, guidelines, requirements, and procedures with third parties could jeopardize the County's dispatch and public safety software systems and that LGE shall not share or grant access to third parties without the express written consent of County.
- Q. LGE hereby acknowledges that County may, from time to time, perform maintenance service on the County network, with or without notice to the LGE, which may result in the unavailability of the County network. County will make every effort to notify LGE through its designated primary and alternate staff persons prior to scheduled maintenance and notice may be given in various forms including, but not limited to email notice and/or a phone call.

V.

Excluded Services and Items

The following is a non-exhaustive list of services and items not included under this Agreement:

- A. Replacement or repair to parts, equipment or software not covered by a vendor/manufacture warranty or support services agreement between County and a vendor/manufacture.
- B. Parts, equipment, or software purchased directly by the LGE or otherwise utilized by the LGE.
- C. Programming (modification of software code) and program (software) configuration unless otherwise previously agreed to by County and within the standard set of services provided by County's Information Technology Services and/or WCECD.
- D. Training services beyond any initial one-time user training that may be provided by County staff.
- E. Any work related to LGE's compliance with Texas CJIS, TCIC or other applicable laws and regulations.
- F. Services provided outside of the County's normal working hours, as set by the County's Information Technology Service Desk.
- G. County's failures or inability to perform due to reasons for which County is not responsible or due to circumstances beyond its control, including, but without limitation to, "acts of God", abnormal weather conditions or other natural catastrophes, war, terrorist attacks, sabotage, computer viruses, riots, strikes, lockouts or other industrial disturbances, building modifications, pandemics, epidemics, health emergencies, disease, plague, quarantine, travel restrictions, discovery of hazardous materials, differing or unforeseeable site conditions, acts of governmental agencies or authorities (whether or not such acts are made in response to other events), or any other events or circumstances not within the reasonable control of County, whether or not of a similar kind or nature to any of the foregoing.

Costs associated with the above listed items and services are not included in this Agreement. The County may, upon request of the LGE and to the extent possible, assist the LGE in procuring the above listed items and services. Any such assistance will be deemed Additional Services and will be paid for by the LGE pursuant to a separate written agreement.

VI.

Exclusion of Warranties; Limitation of Liability; No Indemnification and Immunity

The services under this Agreement are subject to the following:

- A. **SPECIFIC EXCLUSION OF WARRANTIES.** THERE ARE NO WARRANTIES, REPRESENTATIONS, CONDITIONS OR GUARANTEES OF ANY KIND WHATSOEVER APPLICABLE, EITHER EXPRESS OR IMPLIED BY LAW (IN CONTRACT OR TORT OR OTHERWISE) OR CUSTOM, INCLUDING, BUT NOT LIMITED TO THOSE REGARDING MERCHANTABILITY, FITNESS FOR PURPOSE, DURABILITY, CORRESPONDENCE TO SAMPLE, TITLE, DESIGN, CONDITION, OR QUALITY. WITHOUT LIMITING THE ABOVE, THE COUNTY DOES NOT WARRANT THAT ANY PRODUCTS OR SERVICES PROVIDED HEREUNDER WILL MEET THE REQUIREMENTS OF LGE OR THAT THE OPERATION OF PRODUCTS PROVIDED HEREUNDER WILL BE FREE FROM INTERRUPTION OR ERRORS.
- B. **RESTRICTIONS ON WARRANTY.** THE COUNTY HAS NO OBLIGATION TO REPAIR OR REPLACE PRODUCTS DAMAGED BY EXTERNAL CAUSE (INCLUDING LGE, LGE'S EMPLOYEES, THIRD PARTIES AND ACTS OF GOD) OR THROUGH THE FAULT OR NEGLIGENCE OF ANY PARTY OTHER THAN THE COUNTY.

- C. **NO INDIRECT DAMAGES.** WITHOUT LIMITING THE GENERALITY OF SECTIONS OF THIS ARTICLE, IN NO EVENT WILL THE COUNTY BE LIABLE TO LGE OR TO ANY OTHER PARTY FOR INDIRECT DAMAGES OR LOSSES (IN CONTRACT OR TORT OR OTHERWISE), INCLUDING BUT NOT LIMITED TO DAMAGES FOR LOST PROFITS, LOST SAVINGS, LOST DATA, LOSS OF USE OF INFORMATION OR SERVICES, OR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES.
- D. **LIMITS ON LIABILITY.** IF, FOR ANY REASON, THE COUNTY BECOMES LIABLE TO LGE OR ANY OTHER PARTY FOR DIRECT OR ANY OTHER DAMAGES FOR ANY CAUSE WHATSOEVER, AND REGARDLESS OF THE FORM OF ACTION (IN CONTRACT OR TORT OR OTHERWISE), THEN:
1. THE AGGREGATE LIABILITY OF THE COUNTY TO LGE AND ALL OTHER PARTIES IN CONNECTION WITH THE PRODUCTS AND THE SERVICES WILL BE LIMITED TO THE AMOUNT OF FEES ACTUALLY PAID BY LGE TO THE COUNTY AS CONSIDERATION FOR THE PRODUCTS AND SERVICES GIVING RISE TO SUCH CLAIM DURING THE TWELVE (12) MONTH PERIOD PRECEDING THE DATE ON WHICH THE CAUSE OF ACTION AROSE; AND
 2. IN ANY CASE, LGE MAY NOT BRING OR INITIATE ANY ACTION OR PROCEEDING AGAINST THE COUNTY ARISING OUT OF THIS AGREEMENT OR RELATING TO ANY PRODUCTS OR SERVICES PROVIDED HEREUNDER MORE THAN ONE (1) YEAR AFTER THE RELEVANT CAUSE OF ACTION HAS ARISEN.
- E. **SEPARATE ENFORCEABILITY.** SECTIONS OF THIS ARTICLE ARE TO BE CONSTRUED AS SEPARATE PROVISIONS AND WILL EACH BE INDIVIDUALLY ENFORCEABLE.
- F. **No Indemnification:** It is understood and agreed between Parties that each Party hereto shall be responsible for its own acts of negligence in connection with this Agreement. Neither Party shall be responsible to the other Party for any negligent act or omission in connection with this Agreement. It is specifically agreed that, as between the Parties, each Party to this Agreement shall be individually and respectively responsible for responding to, dealing with, insuring against, defending, and otherwise handling and managing liability and potential liability pursuant to this Agreement. These provisions are solely for the benefit of the Parties hereto and not for the benefit of any person or entity not a party hereto; this Agreement shall not be interpreted nor construed to give any claim or cause of action to any third party. Where injury or property damage results from the joint or concurrent negligence of both Parties, liability, if any, shall be shared by each Party on the basis of comparative responsibility in accordance with the applicable laws of the State of Texas, subject to all defenses available to them, including governmental immunity. Nothing in this section adds to or changes the liability limits and immunities for a governmental unit provided by the Texas Tort Claims Act, Chapter 101, Civil Practice and Remedies Code, or other law.
- G. **Immunity.** This Agreement is expressly made subject to the Parties' governmental immunity under the Texas Civil Practice and Remedies Code and all applicable federal, state, and local laws, rules, regulations, ordinances, and policies. Nothing in this Agreement shall be deemed to waive, modify, or amend any legal defense available at law

or in equity to either Party or to create any legal rights or claim on behalf of any third party. Neither Party waives, modifies, or alters to any extent whatsoever the availability of the defense of governmental immunity under the laws of the State of Texas.

VII. Fees and Costs; Payment Terms

- A. Minimum Technology Charge: In Fiscal Year 2024, the LGE will pay a Minimum Technology Charge (“MTC”) of One Thousand Dollars (\$1,000). In future Fiscal Years, County may increase the MTC, as necessary, due to increased technology fees, charges and costs that are incurred by County in relation to the services and goods provided to LGE under this Agreement.
- B. Information Technology Licenses: LGE will receive the Information Technology licenses as set forth in **Exhibit “A” – LGE Users**. In the event LGE should need additional Information Technology licenses, LGE shall submit a written request to the County’s Information Technology Services Department. To the extent County is capable of issuing the additional requested licenses, LGE shall pay the County’s costs for such additional licenses.
- C. Per Call Costs: The County will provide LGE with two thousand five hundred (2,500) Calls per Fiscal Year at no charge (the “Base Call Amount”). If the LGE does not exceed the Base Call Amount in a Fiscal Year, the LGE will only pay any other costs and fees set out herein. If the LGE does exceed the Base Call Amount in a Fiscal Year, the LGE will pay the per Call cost for dispatch services over and above the Base Call Amount in such Fiscal Year plus all other costs and fees set out herein.
- D. Determination of Fiscal Year Costs and Fees:
 - 1. Fiscal Year 2024: In Fiscal Year 2024, the LGE will pay thirty-three percent (33%) of (i.) the total per Call costs of the dispatch services for all Calls over the Base Call Amount; (ii.) MTC; and (iii.) any other technology costs. LGE’s total Call costs for Fiscal Year 2024 will be determined by multiplying LGE’s call volume for the six (6) month period of October 1, 2023 through March 31, 2024 by a factor of two (2) to create an extrapolation for a 12-month period. LGE’s extrapolated 12-month call volume will then be multiplied by a per Call cost of \$25.14 for each Call that exceeds the Base Call Amount. On or before April 30, 2024, County will submit an invoice to LGE for its Fiscal Year 2024 Call costs, MTC and any other technology costs.
 - 2. Fiscal Year 2025: In Fiscal Year 2025, the LGE will pay sixty-six percent (66%) of (i.) the total per Call costs of the dispatch services for all Calls over the Base Call Amount; (ii.) MTC; and (iii.) any other technology costs. The County will determine the total per Call cost rate for Fiscal Year 2025 dispatch services by using factors including but not limited to projected annual increases in expenses and Call volume, general costs of personnel expenses, facilities costs, and costs of equipment. The County will also determine the LGE’s Fiscal Year 2025 MTC and any other technology costs for the necessary technology systems and personnel, Information Technology licenses, and license costs. LGE’s extrapolated call volume for Fiscal Year 2024, as determined in Section VII.(D).(1.) above, will be utilized to determine LGE’s total Call costs for Fiscal Year 2025. For purposes of LGE’s budget and funding considerations and planning for Fiscal Year 2025, County will

provide LGE, on or before April 30, 2024, with LGE's Fiscal Year 2025 Calls cost, MTC and any other technology costs. On or before October 31, 2024, County will submit an invoice to LGE for its Fiscal Year 2025 Calls cost, MTC and any other technology costs.

3. All Years Subsequent to Fiscal Year 2025: In Fiscal Year 2026 and all subsequent Fiscal Years, the LGE will pay one hundred percent (100%) of (i.) the total per Call costs of the dispatch services for all Calls over the Base Call Amount; (ii.) MTC; and (iii.) any other technology costs. The County will determine the total per Call cost rate for the dispatch services using factors including but not limited to projected annual increases in expenses and Call volume, general costs of personnel expenses, facilities costs, and costs of equipment. The County will also determine the LGE's Fiscal Year MTC and any other technology costs for the necessary technology systems and personnel, Information Technology licenses, and license costs. LGE's Call volume for the period between April 1st of the previous calendar year to March 31st of the current calendar year will be utilized to determine LGE's total Call costs for the upcoming Fiscal Year. For purposes of LGE's budget and funding considerations and planning for the upcoming Fiscal Year, County will provide LGE, on or before April 30th, with (i.) LGE's updated Call volume data for the time period between April 1st of the previous calendar year to March 31st of the current calendar year; (ii.) the per Call cost rate for the upcoming Fiscal year; and (iii.) LGE's MTC and any other technology costs for the upcoming Fiscal Year. On or before October 31st of each Fiscal Year, County will submit an invoice to LGE for its Fiscal Year Call costs, MTC and any other technology costs.

- E. Payment Terms: LGE's payment for goods and services shall be governed by Chapter 2251 of the Texas Government Code. Invoices shall be paid by LGE within thirty (30) days from the date of the LGE's receipt of an invoice. Interest charges for any late payments shall be paid by LGE in accordance with Texas Government Code Section 2251.025. More specifically, the rate of interest that shall accrue on a late payment is the rate in effect on September 1 of the Fiscal Year in which the payment becomes due. The said rate in effect on September 1 shall be equal to the sum of (1) one percent (1%); and (2) the prime rate published in the Wall Street Journal on the first day of July of the preceding Fiscal Year that does not fall on a Saturday or Sunday.
- F. Additional Local Governmental Entities: In the event new local governmental entities other than those set forth in **Exhibit "A" – LGE Users** are provided with dispatch services and public safety software systems and related support services following the execution of this Agreement, the County will use comparable LGE Users to determine the Call costs, MTC and other technology costs for such new agencies. The County may charge new local governmental entities for any onboarding and set-up costs that may be necessary to cover the County's cost to add such entities to the County's dispatch services and public safety software systems.

VIII.

Term and Termination

- A. Term: The term of this Agreement shall be for three (3) years commencing on October 1, 2023, and terminating thereafter on September 30, 2026 ("Initial Term"). Following the Initial Term, this Agreement shall automatically renew for an additional three (3) year term commencing on October 1, 2026, and terminating on September 30, 2029 ("Extended

Term”). The Initial Term and Extended Term shall be subject to the termination rights set out herein.

- B. Termination: Either Party may terminate this Agreement for convenience and without cause upon one-hundred twenty (120) calendar day’s written notice to the other Party. In the event of termination, it is understood and agreed that LGE shall pay the pro-rated amounts that may be due to County for the goods and/or services provided, and expenses incurred to and including the date of termination. Termination of this Agreement shall not excuse any of the payments due for services provided during the period prior to the effective date of the termination. Notwithstanding any termination of this Agreement by either Party, LGE will remain responsible for providing police, fire, and 911 dispatch services for any and all such calls within its jurisdiction.

IX. Legal Notices

The Parties will designate a person for receipt of legal notices under this Agreement, which for LGE may or may not be the same person as LGE’s primary or alternate staff person for technology issues involving public safety software systems and issues involving dispatch services. The Parties may change the person designated for receipt of legal notices by giving notice in writing to the other Party, identifying the new person designated for receipt of service of legal notices relating to this Agreement and identifying his/her name, title, address for notice and phone number. The Parties designate the following persons for receipt of legal notices under this Agreement:

If to County:

Name:	Bill Gravell (or successor)
Title:	Williamson County Judge
Address:	Williamson County 710 Main Street Suite 101 Georgetown, TX 78626
Phone:	(512) 943-1550

If to LGE: As identified and set forth below LGE’s signature.

X. Miscellaneous Provisions

- A. Applicable Law and Venue: This Agreement shall be governed by and construed in accordance with the laws of the State of Texas and all applicable federal laws. The obligations of the Parties are performable in Williamson County, Texas, and if legal action is necessary to enforce same, exclusive venue shall be in Williamson County, Texas.
- B. Governmental Services, Independent Contractor: Notwithstanding any provision to contrary herein, this Agreement is a contract for and with respect to the performance of governmental functions by governmental entities. The services provided for herein are governmental functions and the Parties shall be engaged in the conduct of a governmental

functions while providing and/or performing services pursuant to this Agreement. The employees of each Party will at all times be subject to the supervision and control of the respective Party that such employee is employed by and shall be responsible to his or her employer. No employee employed by LGE shall be considered an agent, servant, or employee of County and no employee employed by the County shall be considered an agent, servant, or employee of LGE. The relationship of County and LGE is that of independent contractors. Nothing in this Agreement shall be construed to create a relationship of partnership, joint venture, or agency by or between County and LGE. Neither party shall be the agent of the other nor have the authority to bind the other.

- C. Duty to Cooperate: The Parties shall each have a duty to reasonably cooperate with each other in the event that a lawsuit is filed against either Party by any third party resulting from or related to the services performed or goods provided under this Agreement.
- D. Severability: In case any one or more of the provisions contained in this Agreement 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 provision of it and this Agreement shall be considered as if such invalid, illegal, or unenforceable provision had never been contained in this Agreement.
- E. Headings, Captions: The captions to the various clauses of this Agreement are for informational purposes only and shall not alter the substance of the items and conditions of this Agreement.
- F. No Assignment: This Agreement may not be assigned.
- G. Non-exclusivity of Service Provision: The Parties agree that County may contract to perform services similar or identical to those specified in this Agreement for such additional governmental or public entities as the County, in its sole discretion, deems fit.
- H. Current Revenues: LGE agrees that payments that it is required to make under this Agreement shall be made out of the LGE's current revenues.
- I. Non-Appropriation and Fiscal Funding. The obligations of the Parties under this Agreement do not constitute a general obligation or indebtedness of either Party for which such Party is obligated to levy, pledge, or collect any form of taxation. It is understood and agreed that LGE shall have the right to terminate this Agreement at the end of any Fiscal Year if the governing body of LGE does not appropriate sufficient funds as determined by LGE's budget for the Fiscal Year in question. LGE may effect such termination by giving written notice of termination at the end of the then-current Fiscal Year.
- J. Prior Agreements Superseded: This Agreement constitutes the sole and only agreement of the Parties hereto and supersedes any prior understanding or written oral agreements between the parties respecting the services and/or goods to be provided under this Agreement.
- K. Good Faith Clause: The Parties agree to act in good faith in the performance of this Agreement.
- L. Confidentiality: Each Party shall treat any information received in relation to the services and/or goods provided under this Agreement from the other Party as confidential, to the extent permitted by law, and shall notify the other party in the event it receives a public information request or subpoena for such information. LGE expressly agrees that it will not allow any of its employees or representatives unauthorized access to any of the County's confidential information that may be obtained while having access to the

County's public safety software systems. The LGE further agrees that it will not allow any of its employees or representatives to enter any unauthorized areas of or access to confidential information of County and will not disclose any of County's information to unauthorized third parties and will take care to guard the security of the information at all times.

- M. Multiple Counterparts. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original and constitute one and the same instrument.
- N. Authority. The Parties acknowledge and confirm that this Agreement has been entered into pursuant to the authority granted under the Interlocal Cooperation Act of Texas. All terms and provisions herein are to be construed and interpreted consistently with the Interlocal Cooperation Act. The Parties each represent and warrant to the other Party that the warranting party possesses the legal authority to enter into this Agreement and that it has taken all actions necessary to exercise that authority and to lawfully authorize its undersigned signatory to execute this Agreement and to bind such party to its terms. Each person executing this Agreement on behalf of a Party warrants that he or she is duly authorized to enter into this Agreement on behalf of such Party and to bind it to the terms hereof.
- O. Entire Agreement & Incorporated Documents: This Agreement constitutes the entire agreement between the Parties and may not be modified or amended other than by a written instrument executed by both Parties.

Documents, both current and as amended, expressly incorporated into this Agreement, as if copied in full, shall include the following:

1. Williamson County Technology Services "Hardware & Software Requirements," as amended*;
2. Williamson County Technology Services "Public Safety Software Configuration Policy," as amended*;
3. Williamson County Technology Services Public Safety Technology Division "Technology Services Support for Agencies Policy" as amended*;
4. Service Level Agreement for Information Technology Services*;
5. Exhibit "A" - LGE Users.

*The current version of this incorporated document will be maintained by County on a secure SharePoint Website and LGE's primary and alternate staff persons, as identified below LGE's signature hereinbelow, will be provided with access to such site. Any future documents that are necessary for compliance and provision of the services hereunder may be added to the SharePoint Website by County and, in such case, LGE must comply with such documents.

IN WITNESS WHEREOF, the Parties have duly executed and delivered this Agreement to be effective as of the date of the last Party's execution below.

COUNTY:

WILLIAMSON COUNTY, TEXAS

By: _____

Printed Name: _____

Title: _____

Date: _____, 20____

LGE:

Name of LGE: _____

By: _____

Printed Name: _____

Title: _____

Date: _____, 20____

LGE's Designated Contact for Legal Notices (Article IX):

Name: _____

Title: _____

Address: _____

_____, TX _____

Phone: _____

Email: _____

LGE's Primary and Backup Staff Persons for Technology Issues Involving Public Safety Software Systems and Issues Involving Dispatch Services:

Primary Contact:

Name: _____

Address: _____

_____, TX _____

Phone: _____

Email: _____

Alternate Contact:

Name: _____

Address: _____

_____, TX _____

Phone: _____

Email: _____

Exhibit “A”

LGE Users

* Note: User Adjustment is currently set at up to 15 users for certain software systems

**Due to the complexity and workload of supporting RMS, allotments do not apply

County	Agency	Abbrev.	Total Users	Adj Total	RMS	Adj RMS	LE MCT	Adj LE MCT	Fire MCT	Adj Fire MCT	CAD	Adj CAD
No	Avery Pickett (Taylor VFD)	AVFD	15	0	0	0	0	0	15	0	15	0
No	ESD 7/Florence FD	ESD7	7	0	0	0	0	0	7	0	7	0
No	Florence PD	FLPD	12	0	2	2	12	0	0	0	12	0
No	GMAT	GMAT	13	0	0	0	0	0	0	0	13	0
No	Granger FD	GRFD	12	0	0	0	0	0	12	0	12	0
No	Granger PD	GRPD	15	0	1	1	2	0	0	0	15	0
No	ESD 3/Hutto FD	HUFD	8	0	0	0	0	0	8	0	8	0
No	Hutto ISD PD	HUSD	6	0	3	3	4	0	0	0	6	0
No	Hutto PD	HUPD	75	60	5	5	75	60	0	0	75	60
No	ESD 5/Jarrell FD	JAFD	9	0	0	0	0	0	9	0	9	0
No	Jarrell PD	JAPD	20	5	3	3	20	5	0	0	20	5
No	Jollyville FD	JVFD	3	0	0	0	0	0	3	0	3	0
No	Leander FD	LEFD	22	7	0	0	0	0	22	7	22	7
No	ESD 4/Liberty Hill FD	LHFD	5	0	0	0	0	0	5	0	5	0
No	Liberty Hill PD	LHPD	25	10	3	3	25	10	0	0	25	10
No	Liberty Hill ISD PD	LISD	9	0	2	2	9	0	0	0	9	0
No	Round Rock ISD PD	RISD	39	24	2	2	39	24	0	0	39	24
No	ESD 2/Sam Bass FD	SBFD	6	0	0	0	0	0	6	0	6	0
No	Southwestern PD	SWPD	1	0	1	1	0	0	0	0	0	0
No	Taylor FD	TAFD	10	0	0	0	0	0	10	0	10	0
No	ESD 10/Thrall & Coupland	ED10	18	3	0	0	0	0	5	0	18	3
No	Thrall PD	THPD	5	0	2	2	2	0	5	0	5	0
No	Weir FD	WEFD	2	0	0	0	0	0	2	0	2	0
Yes	Constable 1	CON1	12	0	2	2	12	0	0	0	12	0
Yes	Constable 2	CON2	15	0	2	2	15	0	0	0	15	0
Yes	Constable 3	CON3	13	0	2	2	13	0	0	0	13	0
Yes	Constable 4	CON4	15	0	2	2	15	0	0	0	15	0
Yes	Emergency Services	ES	45	30	0	0	0	0	45	30	45	30
Yes	EMS	WEMS	49	34	0	0	0	0	49	34	49	34
Yes	WC SO	WCISO	750	735	750	750	215	200	0	0	215	200
Total			1236	908	782	782	458	299	203	71	700	373

AGENDA ITEM REPORT

10.1.



To: City Council
Subject: Consideration and possible action relating to the Ed Schmidt Improvements report recommendations (CIP T10) (Matt Rector)
Meeting: Thursday, October 19, 2023
Department: Engineering /
Staff Contact: Matt Rector

BACKGROUND INFORMATION:

On March 23, 2023 City Council executed a contract with Garver related to Ed Schmidt Traffic Study for future improvements. The scope of that contract was to

- Perform Traffic Data Collection
- Provide Traffic Analysis
- Provide a Traffic Report

Garver has submitted their final report which includes their previous study for traffic safety considerations that they had performed in October 2022. The report suggest improvements at three intersections.

Ed Schmidt at Limmer Loop



Figure 13. Limmer Loop - Existing and Proposed Modeled Geometry

Ed Schmidt at Emory Farms/Live Oak

AGENDA ITEM REPORT

10.1.



Figure 14. Emory Farms/Live Oak - Existing and Proposed Modeled Geometry

Ed Schmidt at Lowes Drive

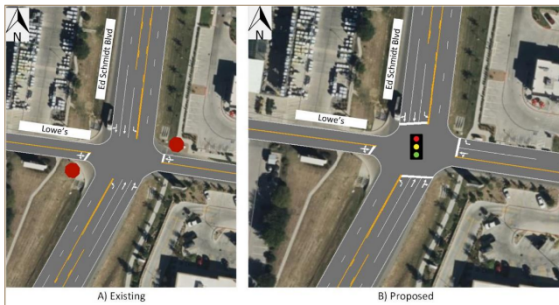


Figure 15. Lowe's - Existing and Proposed Modeled Geometry

The safety recommendations include



Figure 4. Recommended raised median

Additionally, they recommend the completion/extension of sidewalks.

AGENDA ITEM REPORT

10.1.



SUMMARY OF REQUEST:

Accept report as presented and provide direction to staff, if any.

STAFF REVIEW:

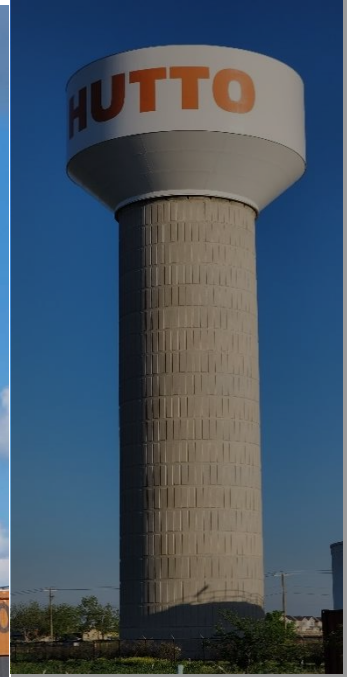
Staff requests the acceptance of the report and the direction on the priorities for the recommended improvements.

FISCAL NOTES:

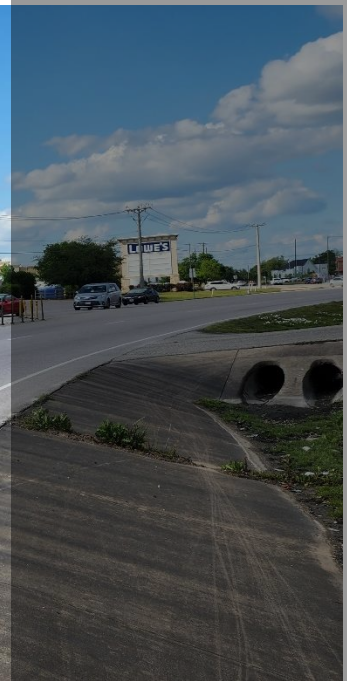
No fiscal impact from acceptance of report. Once direction is provided to staff on which options to price, staff will bring back cost information.

ATTACHMENTS:

1. Ed Schmidt Blvd_Traffic Report
2. Report summary



Ed Schmidt Boulevard (CR 119) Traffic Study From US 79 to Limmer Loop



Prepared For:
City of Hutto, TX
August 2023



City of Hutto
Ed Schmidt Boulevard (CR 119)
Traffic Study
US 79 to Limmer Loop

Prepared for:



Prepared by:



3000 Internet Boulevard, Suite 400
Frisco, Texas 75034

August 2023

Garver Project No.: 21T47010

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Appendix B – Traffic Counts
Appendix C – Synchro Output Reports
Appendix D – Conceptual Layout Improvements

Executive Summary

Garver prepared a traffic study for a 1.2-mile-long stretch of Ed Schmidt Boulevard (CR 119) from US 79 to Limmer Loop. This study investigated traffic impacts on corridor major intersections, operations associated with the new developments in the area and the associated traffic growth. The study also evaluated corridor access management and pedestrian infrastructure. A field visit was performed in April of 2023 to document existing issues, make observations along the corridor, and to assess traffic conditions. Weekday traffic volumes were also obtained at Limmer Loop and Lowe's access intersections in April of 2023.

Current peak hour traffic volumes were developed using 2023 traffic counts by applying an annual growth factor of 4% for the first ten years (2023-2033) and 2% for the next ten years (2033-2043). The city expects steady traffic growth in the recent future. As the land gets developed the growth is expected to slow down, thus the lower 2% growth is applied to for the last ten years. The engineer developed the morning and afternoon peak hour volumes and conducted operational analysis for Existing Conditions (2023), No Build Conditions (2033 and 2043), and Build Conditions (2033 and 2043). The No Build Conditions assumed no improvements along the corridor, except for the extension of Live Oak Street to Ed Schmidt Blvd, while the Build Conditions contained all the proposed geometrical improvements, including a proposed traffic signal at Lowe's access, which is currently two-way stop-controlled intersection.

Based upon the analyses performed, Garver summarized the problems found, and provided summaries of short-term and long-term improvements to alleviate deficiencies and to ensure that the corridor operates at an acceptable level of service. The following corridor issues are noted:

1. No sidewalk on the east side of the corridor and non-continuous sidewalk on the west side of the corridor.
2. Inadequate pedestrian facilities surrounding the Ed Schmidt Boulevard and US 79 intersection to accommodate students from the Hutto High School
3. Limmer Loop intersection geometry is currently not adequate to handle traffic demand
4. No midblock pedestrian crossing at 1.2 miles long Ed Schmidt Boulevard from US 79 to Limmer Loop
5. High number of access points along the southern part of the study corridor poses a safety concern
6. Limited sight distance for left turning vehicles from the center two way left turn lane
7. Varying speed limits posted along corridor, ranging between 35 mph at the south end of the corridor and 50 mph at the north end of the study corridor.

Recommended short-term (immediate) improvements are:

1. Construct sidewalk on east side of the corridor and on the northwest side of the corridor.
2. Add an eastbound right turn bay and a northbound right turn bay at Limmer Loop.
3. Consider adding midblock pedestrian crossing north of Lowe's (between Hampton Inn and Chipotle).
4. Consider converting center turn lane to a raised median with shrubs and other vegetation. A raised median could be installed from US 79 to the Lowe's access drive, allowing only right in/right out maneuvers and preventing eastbound left and westbound left turn movements from the driveways.
5. Designate consistent posted speed limits along the corridor.

Recommended long-term (i.e., within next 5 to 10 years) improvements:

1. Widen Ed Schmidt Boulevard to two lanes in each direction through the entire corridor.
2. Widen Limmer Loop to two through lanes in each direction.
3. Add a second westbound left turn lane at Limmer Loop.
4. Add a second northbound left turn lane at Limmer Loop.
5. Convert a two-way stop-controlled intersection at the Lowe's access to a signalized intersection.
6. Convert a two-way stop-controlled intersection at Emory Farms/Live Oak to a signalized intersection.

The report contains the associated costs with each recommended improvement shown in **Table 13**.

1.0 Introduction

At the request of the City of Hutto, Garver has conducted a study to evaluate traffic operations and potential safety deficiencies along Ed Schmidt Boulevard. This report also includes proposed operational and safety improvements within the study area.

The limit of the study stretches 1.2 miles along Ed Schmidt Boulevard from the US-79 intersection on the south to the Limmer Loop intersection on the north, as shown in **Figure 1**. Traffic operations have been evaluated at the intersections of US 79 (signalized), Lowe's access point (two-way stop), Emory Farms Avenue (two-way stop) and Limmer Loop (signalized) with Ed Schmidt Boulevard for existing and future traffic volumes.

2.0 Existing Conditions

Existing conditions were observed during a site visit conducted April 11-12, 2023.

2.1 Ed Schmidt Boulevard Corridor

Commercial and residential developments are adjacent to the corridor. Additionally, Hutto High School is located south of the study area, south of US 79.

Ed Schmidt Boulevard is an existing minor arterial roadway, connecting US 79 to Limmer Loop and providing access to the adjacent resident development. Within the study area, there are 22 access points, providing access to commercial and residential properties.

Ed Schmidt Boulevard is a 5-lane section with two 11.5-foot lanes in each direction and a 14-foot center turn lane from the US 79 intersection to an unnamed intersection approximately 1,435 feet north of US 79. The posted speed limit in this segment is 35 mph. North of the 5-lane section, Ed Schmidt Boulevard transitions to a 3-lane section, one 12-foot lane in each direction with a 16-foot center turn lane, extending north to Limmer Loop. The speed limit within this section is 50 mph. Right-of-way varies along the corridor – from 150 feet on the south 5-lane section, to 100 feet on the northern 3-lane section.



Figure 1. Study Limits

During the field observations, it was noted that sidewalks are not continuous, raising safety concerns for pedestrians and cyclists. See **Figure 2**. Sidewalks do not exist along the east side of Ed Schmidt Boulevard. Additionally, there are not midblock pedestrian crossings at Ed Schmidt Boulevard anywhere between US 79 and Limmer Loop intersections which is a concern.

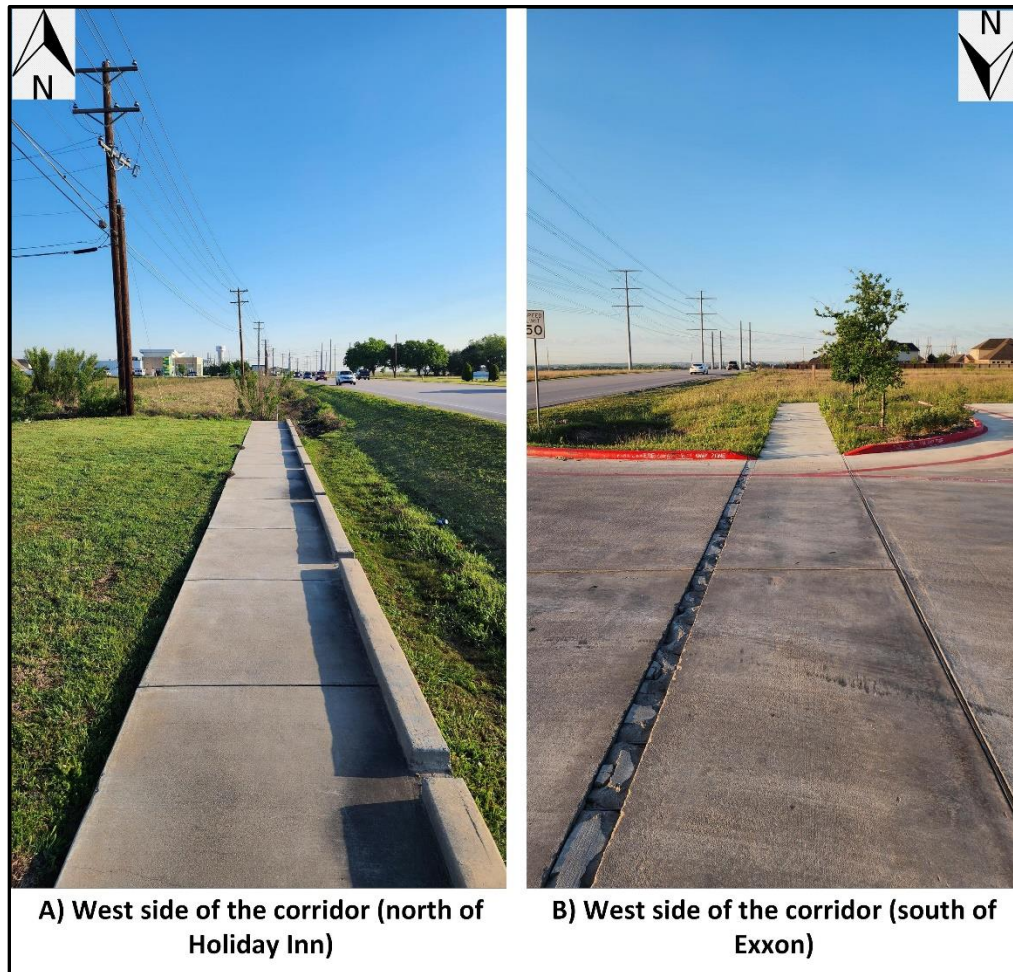


Figure 2. Existing Sidewalks Along Ed Schmidt Boulevard

There is a high density of access points along the southern end of corridor. This high number of access points, combined with traffic volumes observed during the AM and PM peak hours and varying travel speeds, make it challenging to make a left turn to or from Ed Schmidt Boulevard. Furthermore, this area had the highest number of crashes as shown in safety memo that can be found in the **Appendix A**. Southbound volumes are heavier in both AM and PM peak hour, reaching 750 vehicles per hour in the AM peak at the stretch between Lowe's intersection and US 79. This stretch also experiences queueing in the southbound, with the longest queues reaching 450-500 feet. The queue is attributed to the limited storage capacity, high volume and short green time for southbound leg.

2.2 Ed Schmidt Boulevard and US 79 Intersection

At the south end of the study area, the intersection of Ed Schmidt Boulevard with US 79 is signal-controlled. The railroad is located approximately 75 feet south of US 79 and crosses the south leg of intersection. No trains were observed during the AM or PM peak hours. Although no trains were

observed during the site visit in the peak hours, the section of United Pacific rail line through Hutto is a very busy section of the rail with multiple trains traveling across these tracks each day.

The south leg of the intersection consists of four northbound lanes: a 1,000-foot left turn bay, one shared through-left lane, a through lane, and a 750-foot right turn bay. In the southbound direction, there is a 160-foot left turn bay, two through lanes, and a 70-foot right turn bay. The eastbound approach has an 870-foot left turn bay, two through lanes, and an 870-foot right turn bay. In the westbound direction, there is an 820-foot dual left turn bay, two through lanes, and a 600-foot right turn bay.

The road markings are moderately worn. Yellow delineators separate the northbound and southbound lanes. Some delineators were either missing or have been knocked over, as shown in **Figure 3**.



Figure 3. Ed Schmidt Boulevard and US 79 Intersection - North Leg

Pedestrian crossings and push buttons are present across the north and east legs of the intersection however, no sidewalks exist north of this intersection along Ed Schmidt Boulevard. Hutto High School is located just south of this intersection and students were observed walking to/from school. Due to the lack of sidewalks north of the intersection, pedestrians were forced to either walk on the narrow shoulder or on the grass area which is part of the open roadside ditch drainage system. The intersection at US 79 is shown in **Figure 4**.

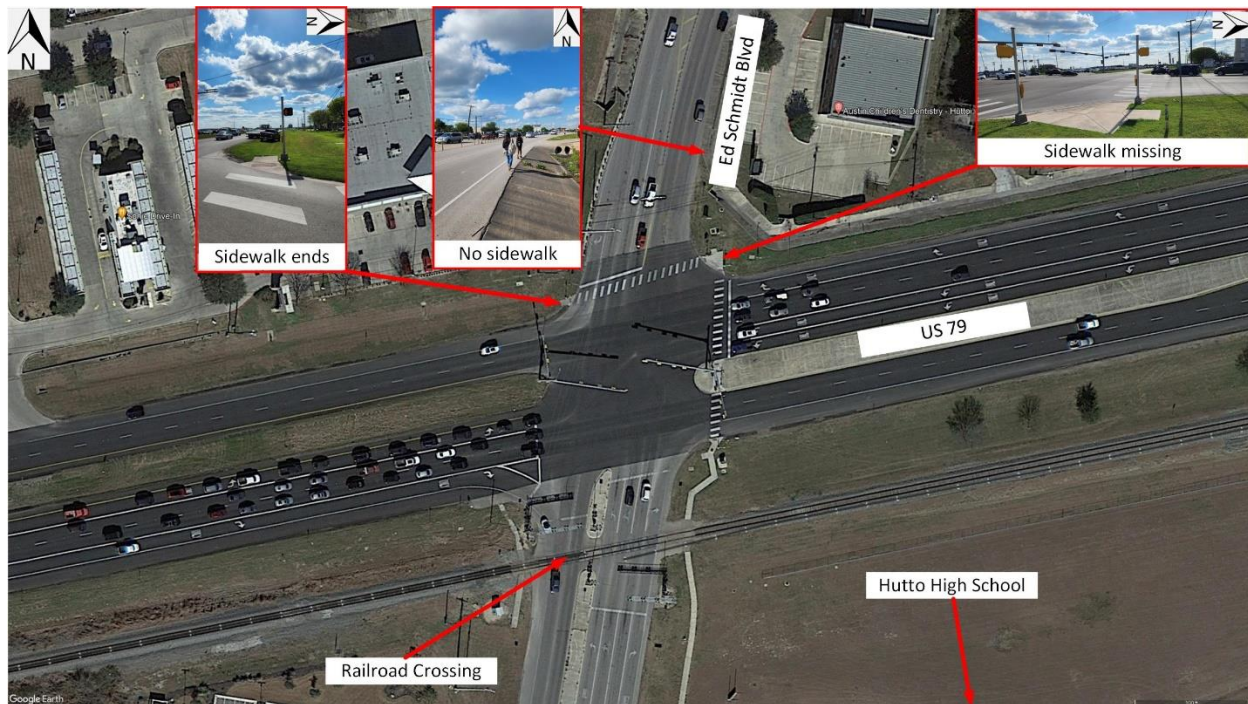


Figure 4. Ed Schmidt Boulevard and US 79 Intersection Pedestrian Facilities

2.3 Ed Schmidt Boulevard and Limmer Loop Intersection

At the north end of the study area, the intersection of Ed Schmidt Boulevard and Limmer Loop is signalized. In the northbound direction, Ed Schmidt Boulevard has a 220-foot left turn bay and a shared through-right lane. The southbound direction has one through lane and 430-foot long right and left turn bays. The eastbound approach has a 60-foot left turn bay and a shared through-right lane. In the westbound direction there is a 160-foot left turn bay and a shared through-right lane.

The westbound left turn volume was heavy during the peak hours, often exceeding the capacity of the existing turn bay. Tire markings along Ed Schmidt Boulevard and Limmer Loop indicate abrupt stops frequently occur at this intersection and support the need for dedicated right turn lanes at the southwest and southeast corner to remove traffic that is slowing to turn from the through flow of traffic as shown in **Figure 5**.

There are no pedestrian crossings or push buttons on this intersection.

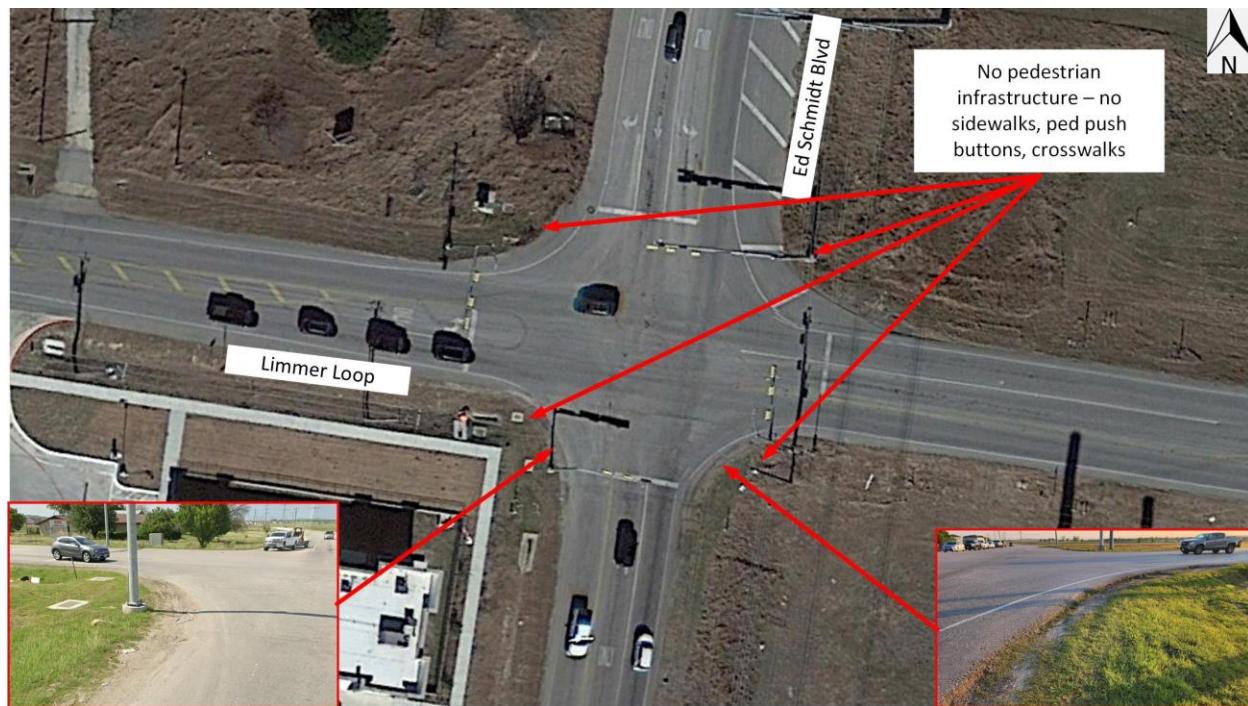


Figure 5. Ed Schmidt and Limmer Loop Intersection Observations

3.0 Traffic Volumes

3.1 Existing Traffic Volumes

GRAM Traffic Inc. was tasked with collecting turning movement counts at two intersections along the Ed Schmidt Boulevard corridor: the Lowe's access and Limmer Loop. The counts were collected on April 13th, 2023. From the data, it was determined the AM peak hour is from 7:00 AM to 8:00 AM. The PM peak hour for Limmer Loop intersection was from 5:00 PM to 6:00 PM and from 5:30 PM to 6:30 PM for Lowe's intersection. The turning movement counts can be found in **Appendix B**. Turning movement data for the intersection of Ed Schmidt Boulevard with US 79 were obtained from a previous Limmer Loop study, dated 2022. Existing turning movement volumes are summarized below in **Figure 6**.

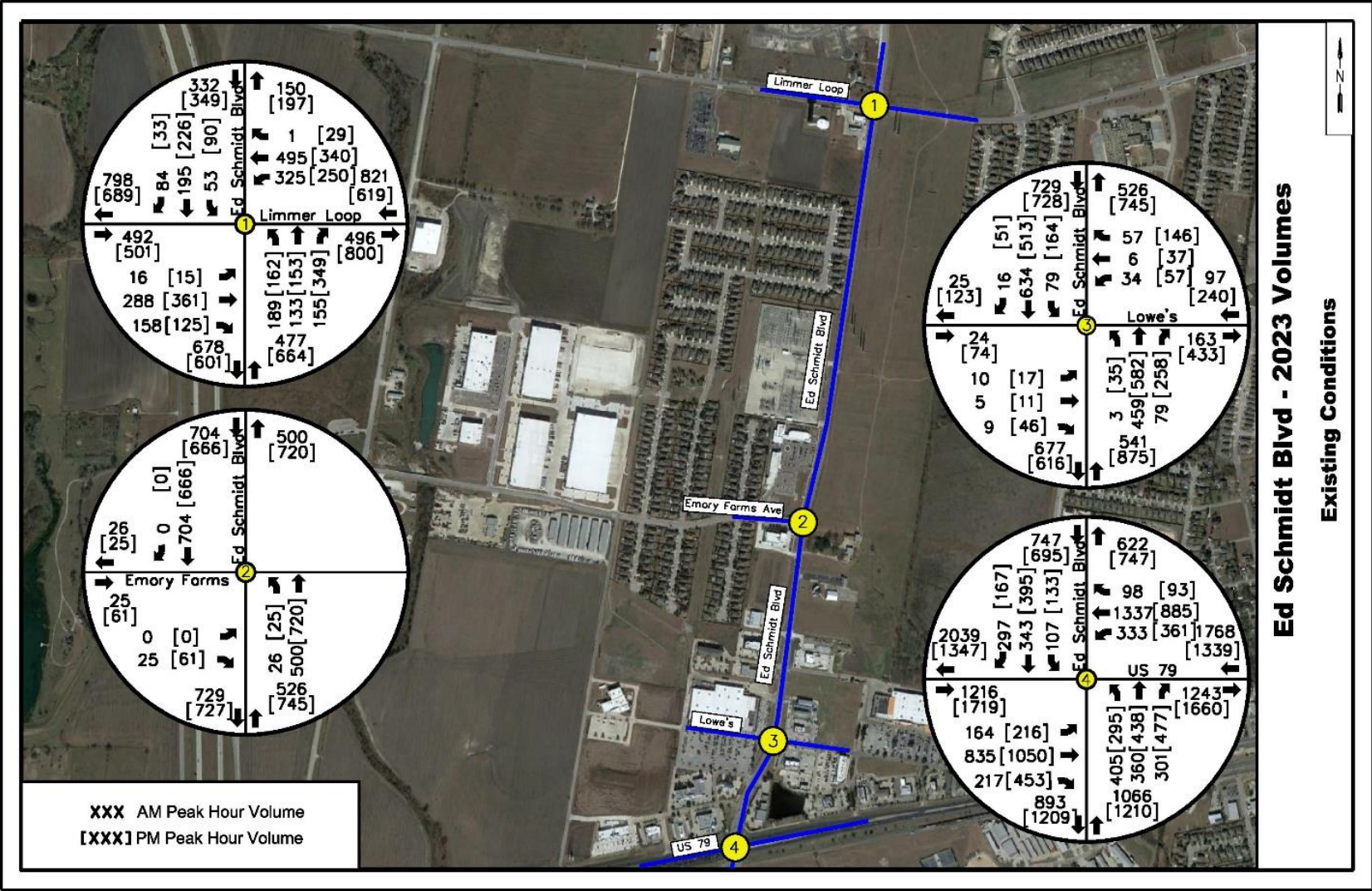


Figure 6. 2023 Existing Traffic Volumes

Intersection at Limmer Loop (#1) has high westbound left turn volumes, 325 vehicles in the AM peak and 250 vehicles in the PM peak. Current single left turn storage lane is insufficient to handle this amount of traffic. The northbound and eastbound right turns have no dedicated lanes. However, the volumes are high especially for the northbound right in the PM peak hour and the intersection would have lower delays and better user experience from adding the dedicated turn lanes. Intersections #2 and #3 have sufficient capacity and appropriate geometry to handle traffic in existing conditions. Intersection #4 at US 79 operates at capacity and future improvements are required to lower the delays. US 79 is a TxDOT facility thus the improvement alternatives should be discussed with TxDOT.

3.2 Future No Build and Future Build Traffic Volumes

To project future volumes, a 4% growth rate was applied to the existing volumes for the first 10 years (2023-2033) and 2% for the next 10 years (2033-2043). The engineer reviewed various traffic impact analysis reports for the City of Hutto area, and it was determined that the 4% growth is applicable for the first 10 years (2023-2033). Once most of the land is developed, the growth will slow down, thus 2% growth is assumed for the next 10 years (2033-2043), which is the minimum growth recommended by TxDOT. Assuming lower traffic growth after 10 years is a common practice in traffic engineering in order not to overestimate traffic growth. The equation that was used to calculate the average growth rate for the 20-year period is:

$$\text{Average Growth Rate (AGR)} = 1 + (0.04 * 10) * (1 + (0.02 * 10))$$

The projected future volumes for the No Build conditions are shown in **Figure 7 and Figure 8**. As the volumes increase there will be a need for improvements along the corridor. The intersection at Limmer Loop (#1) will have to handle considerable traffic volumes. Westbound left, northbound left/right turns, and eastbound right turn are the heaviest turning movements. Once the east leg is built, turning volumes at Intersection at Emory Farms/Live Oak (#2) are expected to increase. This road will connect Exchange Boulevard with Innovation Boulevard. Per engineering judgement and the potential future developments in the area, it is expected that about 20 percent of traffic (mostly east-west volumes) will shift from Lowe's intersection to Emory Farms/Live Oak Boulevard. The intersection at Lowe's (#3) also carries a considerable amount of traffic and will require improvements in the future. The intersection at US 79 (#4) is the most congested one in the study area and upgrades for this intersection should be determined by TxDOT.

In addition to baseline growth, anticipated traffic projections of two known developments, Limmer Loop and Schmidt's Creek, were included in the future traffic scenarios. Schmidt's Creek will include 245 multifamily dwelling units, a 9,000 square-foot fast casual restaurant, a 5,000 square-foot high turnover restaurant, and a 6,500 square-foot shopping center. The Limmer Loop development will consist of a 5,500 square-foot convenience store with 12 fuel pumps, an automatic carwash with one carwash tunnel, a 48,000 square-foot shopping plaza, a 15,000 square-foot office building, and a 5,000 square-foot fast-food restaurant with a drive-through window. **Figure 9** shows the locations of these developments. The Future Build volumes are shown in **Figure 10 and Figure 11**.

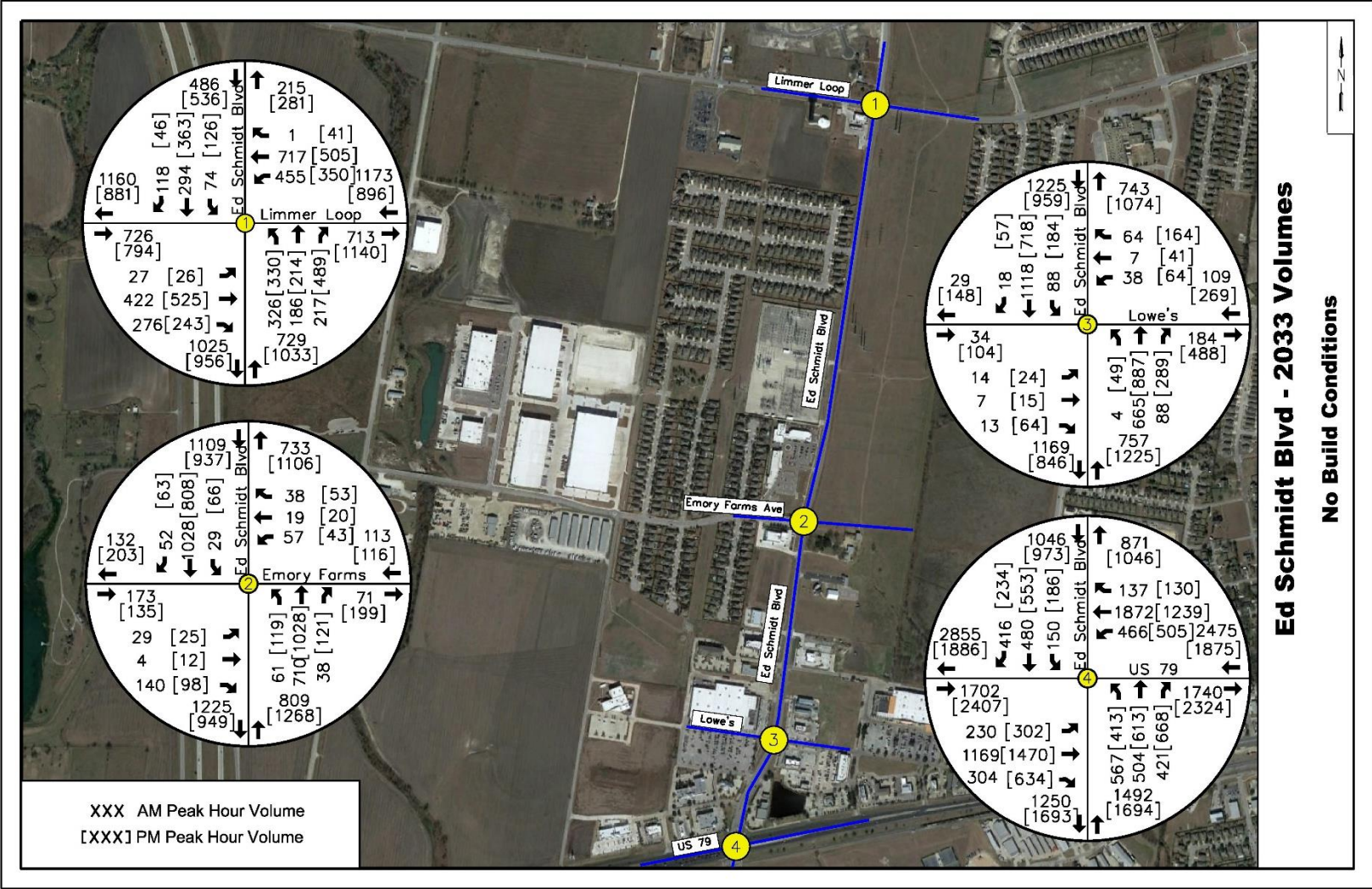


Figure 7. 2033 No Build Conditions Traffic Volumes



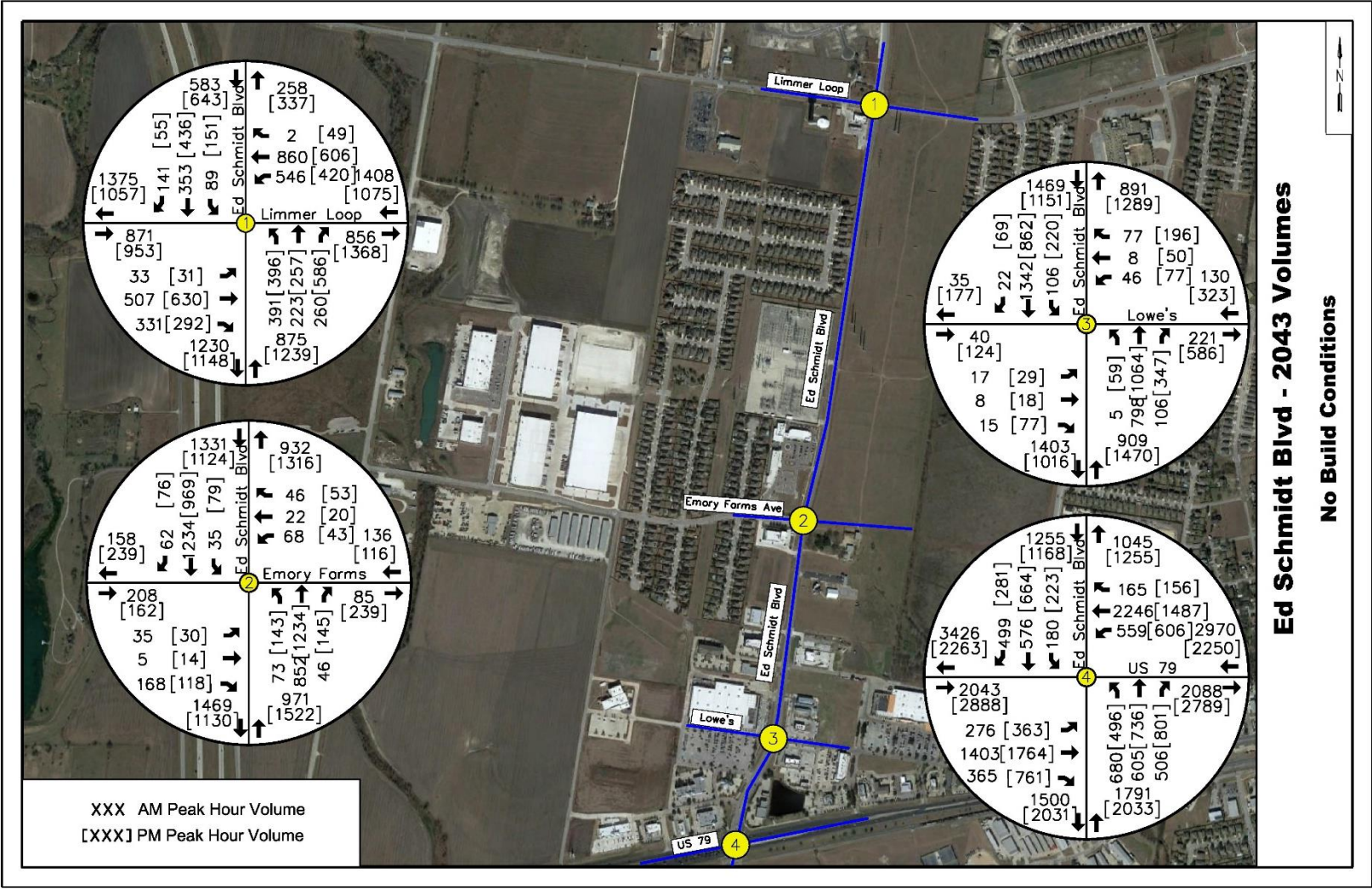


Figure 8. 2043 No Build Conditions Traffic Volumes

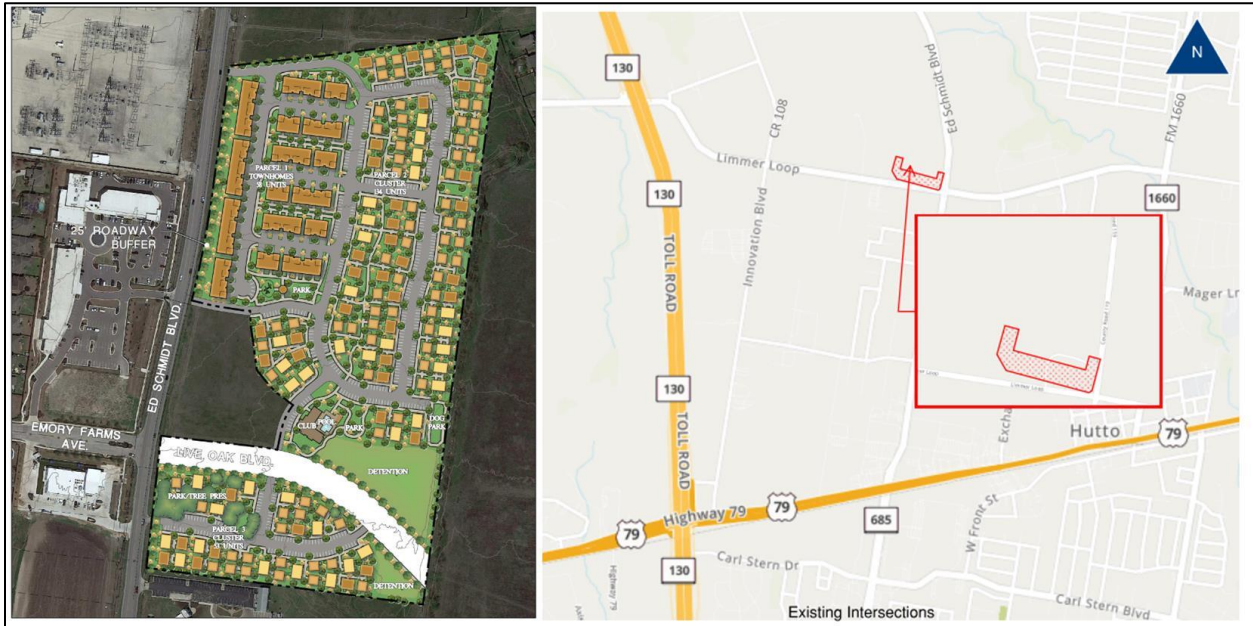


Figure 9. Schmidt's Creek Development (left) and Limmer Loop Development (right)

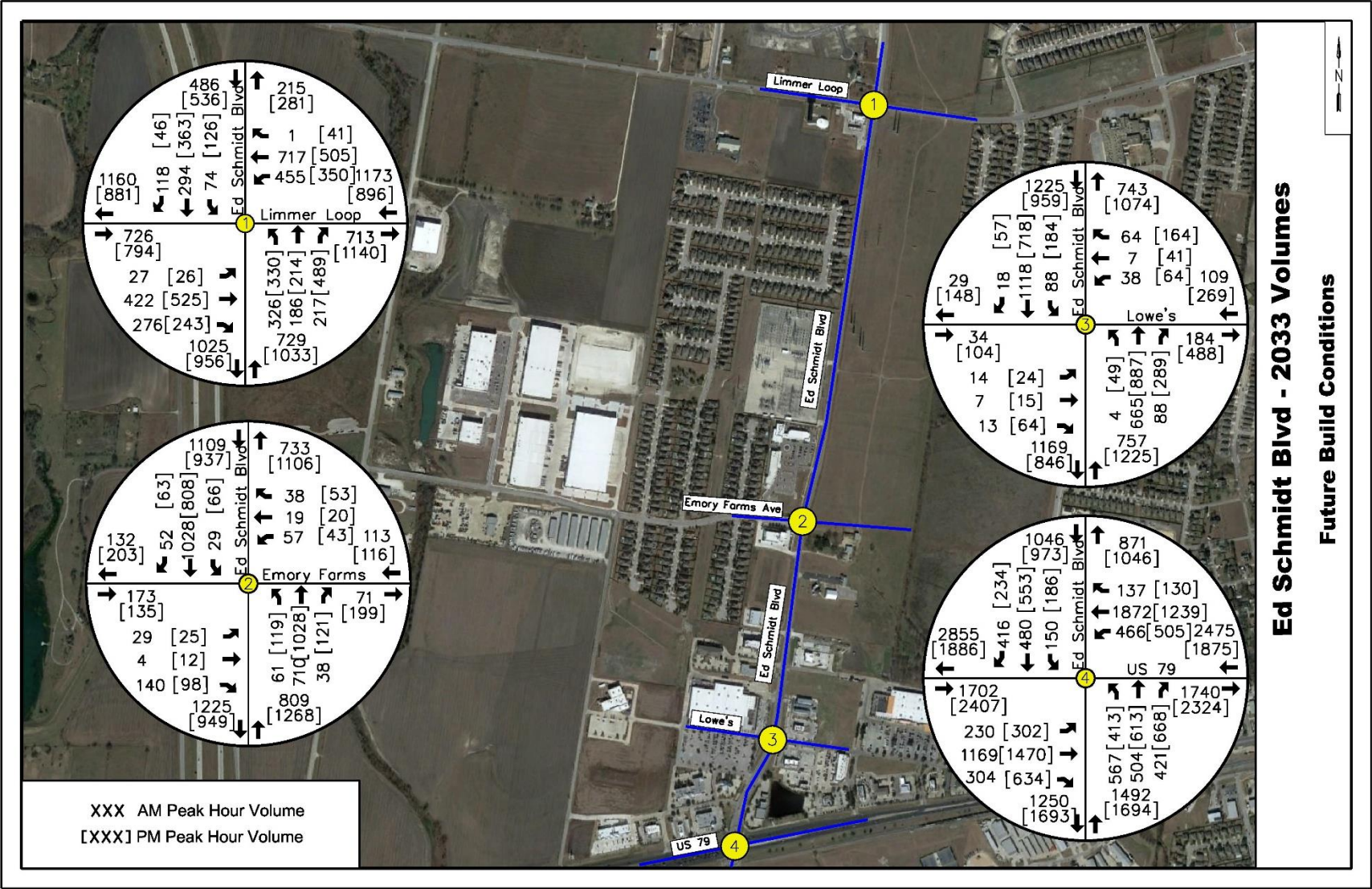


Figure 10. 2033 Build Conditions Traffic Volumes



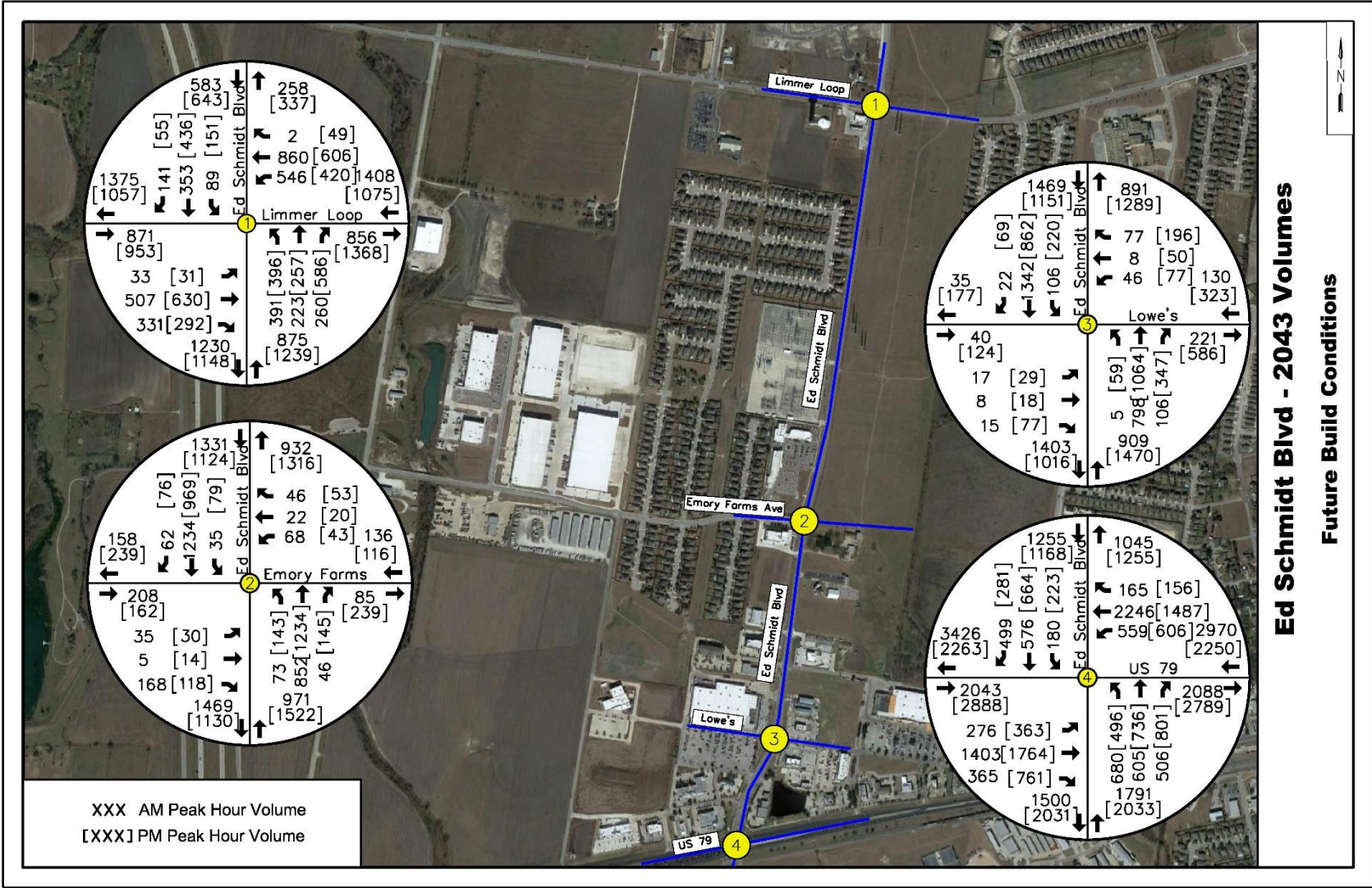


Figure 11. 2043 Build Conditions Traffic Volumes

4.0 Operational Analysis

The key performance measure for the facility analysis was Level of Service (LOS). LOS is a qualitative measure used to depict operational conditions within a traffic stream or at an intersection. LOS is typically designated into six categories. These range from LOS A indicating free-flow, low density, or nearly negligible delay conditions to LOS F where demand exceeds capacity and large queues are experienced. A graphical representation of LOS is presented in **Figure 12**.

For signalized and stop-controlled intersections, the Highway Capacity Manual (HCM) uses control delay for the basis of determining LOS. Control delay at an intersection is the average stopped time per vehicle traveling through the intersection plus the movements at slower speeds due to the vehicles moving up in the queue or slowing down upstream of the approach.

Table 1 and **Table 2** show the delay associated with each Levels of Service for signalized and stop-controlled intersections as stated in the HCM.

The operational analyses were conducted using *Synchro* software according to the HCM methodology. *Synchro* software is a traffic signal timing software that is widely used by engineers and transportation planners to design, model, optimize, simulate, and animate signalized and unsignalized intersections (including roundabouts). *Synchro* software is accepted as an industry standard when it comes to signal optimization and evaluating of highway facilities. HCM methodology is incorporated in *Synchro*.

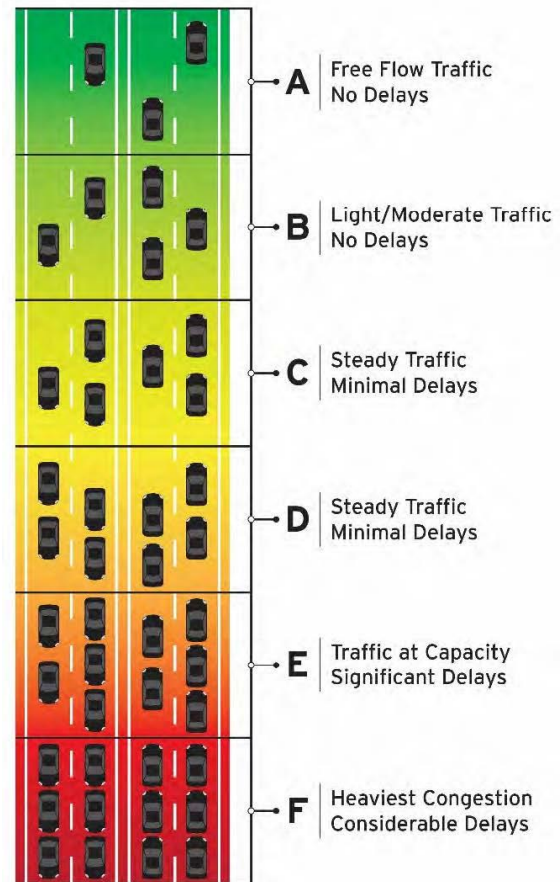


Figure 12. Level of Service (LOS) Categories

Table 1. LOS Thresholds for Signalized Intersections

Level of Service	Description	Signal Controlled Intersection Delay (sec/veh)
A	Most vehicles do not stop	0 to 10
B	Some vehicles stop	>10 to 20
C	Significant number of stops	>20 to 35
D	Many stops, individual cycle failure	>35 to 55
E	Frequent individual cycle failure, at capacity	>55 to 80
F	Arrival rate exceeds capacity	>80 or $v/c > 1.0$

Table 2. LOS for Stop-Controlled Intersections

Level of Service	Stop Controlled Intersection Delay (sec/veh)
A	0 to 10
B	>10 to 15
C	>15 to 25
D	>25 to 35
E	>35 to 50
F	>50 or v/c > 1.0

The LOS and 95th percentile queue results from the operational analyses for Existing, Future No Build conditions, and Future Build conditions are discussed in the following subsections.

4.1 Operational Analysis – 2023 Existing, 2033 No Build, and 2043 No Build Conditions

The LOS and queue *Synchro* operational analyses results for Existing conditions are shown in **Table 3** and **Table 4**, respectively.

In the Existing conditions, the signalized intersection at Limmer Loop operates at LOS E in the PM peak. The eastbound through and right movement fail, along with westbound left and the northbound through and right movements. This intersection carries a considerable amount of traffic in the PM peak. The highest queue length of more than 573 feet was reported for the eastbound through/right movement.

Emory Farms intersection operates at LOS A in both peaks. There are no queues reported.

The two-way stop-controlled intersection at the Lowe's access operates well in the AM peak. However, the traffic increases in the PM peak and the eastbound and the westbound approaches operate at LOS F. This poor level of services is due to insufficient gaps in the north-south traffic stream to allow drivers to turn onto Ed Schmidt Boulevard. The reported queue at the westbound leg in the PM peak is 336 feet long. This intersection needs improvements (e.g., converting to the signalized intersection) in order to provide acceptable LOS.

The signalized intersection of Ed Schmidt Boulevard and US 79 operates at LOS F in both peak hours. This intersection is heavily congested as the US 79 carries 37,000 vehicles per day according to TxDOT Statewide Traffic Count Database System. The queues are high for all approaches. The 95th percentile volumes exceed capacity, thus the queues reported from *Synchro* may be even longer. See **Table 4** for more details.

Table 3. Level of Service for 2023 Existing Conditions

Intersection	Time Period	Control	MOE	EB Movement			WB Movement			NB Movement			SB Movement			Overall
				Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Limmer Loop	AM	Signal	LOS	B	B	C	E	C	C	C	D	D	C	D	C	D
			Delay	18.4	18.4	33.9	74.0	21.7	21.7	26.6	38.0	38.0	27.4	36.4	31.1	37.0
	PM	Signal	LOS	C	F	F	D	C	C	C	F	F	C	C	C	E
			Delay	24.3	91.0	91.0	43.8	23.8	23.8	24.8	116.6	116.6	33.3	32.5	28.0	64.7
Emory Farms Ave	AM	Stop Controlled	LOS	B		B				A	n/a ¹			n/a ¹	n/a ¹	A
			Delay	14.6		14.6				9.4	n/a ¹			n/a ¹	n/a ¹	0.5
	PM	Stop Controlled	LOS	B		B				A	n/a ¹			n/a ¹	n/a ¹	A
			Delay	15.0		15.0				9.2	n/a ¹			n/a ¹	n/a ¹	0.8
Lowes	AM	TWSC	LOS	D	D	D	D	D	D	A	n/a ¹	n/a ¹	A	n/a ¹	n/a ¹	A
			Delay	28.5	28.5	28.5	25.5	25.5	25.5	9.1	n/a ¹	n/a ¹	9.0	n/a ¹	n/a ¹	2.8
	PM	TWSC	LOS	F	F	F	F	F	F	A	n/a ¹	n/a ¹	B	n/a ¹	n/a ¹	F
			Delay	204.7	204.7	204.7	640.2	640.2	640.2	8.9	n/a ¹	n/a ¹	11.4	n/a ¹	n/a ¹	89.2
US 79	AM	Signal	LOS	F	E	D	F	F	D	F	F	D	E	E	E	F
			Delay	131.6	70.5	43.1	1417.5	208.3	38.2	2962.6	124.6	44.8	63.3	71.7	76.3	388.9
	PM	Signal	LOS	F	F	D	F	E	D	F	F	E	E	E	E	F
			Delay	219.3	144.8	46.7	1563.9	61.9	38.4	2454.3	136.9	56.4	65.9	78.9	61.6	325.7

n/a¹ – free movement thus Synchro does not report any delay.

Table 4. 95th percentile queue lengths for 2023 Existing Conditions

Intersection	Time Period	MOE	EB Movement			WB Movement			NB Movement			SB Movement		
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Limmer Loop	AM	95th Percentile Queue Length (ft)	17	403*		370*	473*		144	248		49	188	1
	PM		16	573*		245*	294		125	512*		83*	221	0
Emory Farms Ave	AM		3		0				2	0			0	0
	PM		8		0				2	0			0	0
Lowes	AM		8				26		0	0	0	5	0	0
	PM		84				336		2	0	0	14	0	0
US 79	AM		392*	611*	68	455*	1160*	38	869*	851*	81	179	255	296*
	PM		541*	874*	98	495*	592*	32	740*	896*	380	328*	306*	144

*- 95th percentile volume exceeds capacity; queue may be longer.

Table 5 and **Table 6** show the LOS and queue *Synchro* operational analyses results for 2033 Future No Build conditions.

The Future No Build condition assumes no geometric improvements have been made at the study intersections, except for Live Oak, which is the east leg at Emory Farms Avenue intersection.

In the No Build conditions, the signalized intersection at Limmer Loop operates at LOS F in both AM and PM peak. The eastbound through and right movement fail, along with westbound left and all northbound movements in both peaks. Southbound through and right turn fail in AM peak, whole southbound left fails in the PM peak. This intersection carries a considerable amount of traffic. The longest queues of around 1300 feet and 1100 feet are reported for eastbound through and northbound through movements in the PM peak hour, respectively.

The two-way-stop-controlled intersection at Emory Farms/Live Oak is expected to operate at LOS F in both peaks. Westbound left will operate at LOS F in the AM peak, as well as eastbound and westbound left in the PM peak. Increased east-west traffic between Exchange Boulevard and Innovation Boulevard are contributing to high delays at this stop-controlled intersection.

The two-way stop-controlled intersection at the Lowe's access is expected to operate at LOS A in the AM peak. However, the traffic increases in the PM peak and the stop-controlled eastbound and the westbound approaches operate at LOS E. This poor level of services is due to insufficient gaps in the

north-south traffic stream to allow drivers to turn onto Ed Schmidt Boulevard. The longest queues are reported in the PM peak for eastbound and westbound leg (see **Table 6**).

The signalized intersection of Ed Schmidt Boulevard and US 79 operates at LOS F in both peak hours. This intersection operates at LOS F in existing conditions as well. The city should discuss potential improvements for this intersection with TxDOT.

At US 79, the highest queue length of 1,377 feet was reported for the westbound through movement in the AM peak. Overall, all the approaches experience heavy congestions with multiple queues over 500 feet long.

Table 5. Level of Service for 2033 No Build Conditions

Intersection	Time Period	Control	MOE	EB Movement			WB Movement			NB Movement			SB Movement			Overall
				Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Limmer Loop	AM	Signal	LOS	C	F	F	F	C	C	F	F	F	E	F	F	F
			Delay	29.6	136.7	136.7	220.1	32.1	32.1	207.1	107.5	107.5	73.1	135.8	135.8	122.9
	PM	Signal	LOS	C	F	F	F	D	D	F	F	F	F	E	D	F
			Delay	32.8	249.7	249.7	223.9	37.1	37.1	139.3	235.1	235.1	162.4	62.5	41.7	168.1
Emory Farms Ave/Live Oak	AM	TWSC	LOS	E	D	E	F	C	C	B	n/a ¹	n/a ¹	A	n/a ¹	n/a ¹	F
			Delay	40.3	44.1	44.1	6541.3	24.1	24.1	11.8	n/a ¹	n/a ¹	9.6	n/a ¹	n/a ¹	173.6
	PM	TWSC	LOS	F	C	D	F	D	D	B	n/a ¹	n/a ¹	B	n/a ¹	n/a ¹	F
			Delay	1519.2	34.1	34.1	1931.1	45.5	45.5	11.0	n/a ¹	n/a ¹	12.4	n/a ¹	n/a ¹	53.0
Lowe's	AM	TWSC	LOS	D	D	D	C	C	C	B	n/a ¹	n/a ¹	B	n/a ¹	n/a ¹	A
			Delay	29.4	29.4	29.4	22.1	22.1	22.1	11.5	n/a ¹	n/a ¹	10.1	n/a ¹	n/a ¹	2.0
	PM	TWSC	LOS	F	F	F	F	F	F	A	n/a ¹	n/a ¹	C	n/a ¹	n/a ¹	E
			Delay	100*	100*	100*	327.0	327.0	327.0	9.9	n/a ¹	n/a ¹	15.6	n/a ¹	n/a ¹	35.7
US 79	AM	Signal	LOS	F	F	C	F	F	C	F	F	C	F	F	F	F
			Delay	841.1	162.7	32.1	1451.6	496.7	30.5	2718.4	116.9	30.6	611.2	1156.7	1610.6	665.7
	PM	Signal	LOS	F	F	C	F	F	C	F	F	F	F	F	F	F
			Delay	1842.8	262.7	34.9	1625.0	160.6	29.0	2070.7	140.1	86.0	1071.8	1388.2	330.4	558.8

n/a¹ – free movement thus Synchro does not report any delay.

* - significant delay.

Table 6. 95th percentile queue lengths for 2033 No Build Conditions

Intersection	Time Period	MOE	EB Movement			WB Movement			NB Movement			SB Movement		
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Limmer Loop	AM	95th Percentile Queue Length (ft)	25	1072*		791*	788		583*	604*		109*	533*	0
	PM		30	1302*		633*	630		547*	1103*		240*	518*	0
Emory Farms Ave/ Live Oak	AM		15	61		144	15		6	0		2	0	
	PM		66	39		103	34		9	0		6	0	
Lowe's	AM			10			24		0	0		6	0	
	PM			100*			286		3	0.0		25	0	
US 79	AM		534*	755*	67	461*	1377*	41	806*	924*	295	331*	472*	614*
	PM		706*	998*	102	503*	794*	34	644*	994*	733*	414*	541*	266*

*- 95th percentile volume exceeds capacity; queue may be longer.

Table 7 and **Table 8** show the LOS and queue *Synchro* operational analyses results for 2043 Future No Build conditions.

In the No Build conditions, all the intersections operate at LOS F. The expected high traffic growth, along with limited capacity of the facility, contributes to the poor level of service. At every analyzed intersection, the queues are so high that Synchro could not report the exact values for some of the movements, as indicated with asterisks next to the value.

The longest queues of over 1,400 feet at Limmer Loop intersection are recorded for eastbound and the northbound movements in the PM peak. At Emory Farms/Live Oak intersection and Lowe's entrance the

east-west approaches experience heavy queueing. The longest queue of 1,665 feet at US 79 intersection is reported in the AM peak for northbound through movement.

Table 7. Level of Service for 2043 Future No Build Conditions

Intersection	Time Period	Control	MOE	EB Movement			WB Movement			NB Movement			SB Movement			Overall	
				Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right		
Limmer Loop	AM	Signal	LOS	D	F	F	F	E	E	F	F	F	E	F	E	F	
			Delay	39.4	260.0	260	359.2	63.2	63.2	317.2	153.5	153.5	78.2	154.0	56.1	197.3	
	PM		LOS	C	F	F	F	D	D	F	F	F	F	F	D	F	
			Delay	34.7	343.8	343.8	373.1	46.6	46.6	390.5	406.8	406.8	151.4	93.2	45.5	268.0	
Emory Farms Ave/Live Oak	AM	TWSC	LOS	F	F	F	F	E	E	B	n/a ¹	n/a ¹	B	n/a ¹	n/a ¹	F	
			Delay	82.3	141.2	141.2	100*	41.5	41.5	13.9	n/a ¹	n/a ¹	10.4	n/a ¹	n/a ¹	100*	
	PM		LOS	F	F	F	F	F	F	B	n/a ¹	n/a ¹	B	n/a ¹	n/a ¹	F	
			Delay	100*	599.8	599.8	100*	244.0	244.0	12.8	n/a ¹	n/a ¹	15.0	n/a ¹	n/a ¹	100*	
Lowes	AM	TWSC	LOS	F	F	F	F	F	F	B	n/a ¹	n/a ¹	B	n/a ¹	n/a ¹	F	
			Delay	828.5	828.5	828.5	1118.0	1118.0	1118.0	13.1	n/a ¹	n/a ¹	11.2	n/a ¹	n/a ¹	71.7	
	PM		LOS	F	F	F	F	F	F	B	n/a ¹	n/a ¹	C	n/a ¹	n/a ¹	F	
			Delay	100**	100**	100**	100**	100**	100**	10.8	n/a ¹	n/a ¹	23.4	n/a ¹	n/a ¹	100**	
US 79	AM	Signal	LOS	F	F	C	F	F	C	F	F	D	F	F	F	F	
			Delay	1683.5	215.2	30.7	1818.9	584.7	28.6	3072.5	253.8	38.1	802.3	1461.6	2204.3	842.9	
	PM		LOS	F	F	D	F	F	C	F	F	F	F	F	F	F	F
			Delay	2285.8	394.7	37.1	2023.8	270.1	29.4	2166.3	280.1	180.0	1357.7	1743.3	648.8	720.0	

n/a¹ – free movement thus Synchro does not report any delay.

** - significant delay.

Table 8. 95th percentile queue lengths for 2043 Future No Build Conditions

Intersection	Time Period	MOE	EB Movement			WB Movement			NB Movement			SB Movement		
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Limmer Loop	AM	95th Percentile Queue Length (ft)	31.0	1405*		1009*	1201*		738*	766*		139*	635*	21
	PM		35	1615*		808*	868*		773*	1446*		279*	684*	28
Emory Farms Ave/ Live Oak	AM		28	138.0		100*	30.0		9	0		3	0	
	PM		100*	198		100*	90		10	0		15	0	
Lowe's	AM		84			235			0	0		9	0	
	PM		100*			100*			5	0.0		50	0	
US 79	AM		658*	927*	70	548*	1665*	50	893*	1253*	418*	393*	562*	767*
	PM		834*	1257*	122	597*	1013*	55	667*	1353*	972*	488*	645*	244*

*- 95th percentile volume exceeds capacity; queue may be longer.

4.2 Operational Analysis – 2033 Future Build Conditions

For the 2033 Future Build conditions, the LOS results are reported in **Table 9**, and queue analysis is shown in **Table 10**. Future Build conditions assume all the proposed improvements that were discussed in the next chapter.

Limmer Loop is expected to operate at LOS C in both peaks, Emory Farms at LOS B in both peaks, and Lowe's intersection at LOS A in the AM peak and LOS B in the PM peak. All intersections are anticipated to have minimal queueing. The intersection at US 79 continues to operate at LOS F as no improvements were considered.

Table 9. Level of Service for 2033 Future Build Conditions

Intersection	Time Period	Control	MOE	EB Movement			WB Movement			NB Movement			SB Movement			Overall
				Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Limmer Loop	AM	Signal	LOS	B	C	C	B	B	B	C	C	C	C	C	C	C
			Delay	18.1	22.3	26.3	15.3	18.9	18.9	21.5	23.1	28.5	22.9	28.4	28.9	22.0
	PM		LOS	C	C	C	C	C	C	B	C	E	B	C	C	C
			Delay	24.0	31.1	33.2	22.9	25.3	25.3	18.4	20.5	77.9	19.1	23.2	21.2	32.9
Emory Farms/Live Oak	AM	Signal	LOS	B	B	B	C	B	B	A	A	A	A	B	B	B
			Delay	17.3	18.7	18.7	20.5	16.4	16.4	7.5	8.2	8.2	6.3	11.0	11.0	10.8
	PM		LOS	B	B	B	C	B	B	A	B	B	A	A	A	B
			Delay	19.1	19.8	19.8	20.8	18.5	18.5	6.2	10.2	10.2	7.2	9.3	9.3	10.6
Lowes	AM	Signal	LOS	B	B	B	B	B	B	A	A	A	A	A	A	A
			Delay	14.2	14.2	14.2	14.3	15.8	15.8	6.4	8.4	8.4	5.3	7.7	7.1	8.3
	PM		LOS	C	C	C	C	C	C	A	B	B	B	A	A	B
			Delay	21.4	21.4	21.4	21.2	25.5	25.5	6.0	11.7	11.8	10.3	7.7	7.7	12.0
US 79	AM	Signal	LOS	F	F	C	F	F	C	F	C	C	F	F	F	F
			Delay	1341.7	130.8	30.7	1452.6	443.8	29.0	1979.8	31.9	30.6	611.2	1156.7	1610.6	584.8
	PM		LOS	F	F	D	F	F	C	D	D	F	F	F	F	F
			Delay	1297.1	285.7	38.5	1777.7	101.3	28.1	39.8	38.2	147.7	560.5	988.3	254.6	395.1

Table 10. 95th percentile queue lengths for 2033 Future Build Conditions

Intersection	Time Period	MOE	EB Movement			WB Movement			NB Movement			SB Movement		
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right
Limmer Loop	AM	95th Percentile Queue Length (ft)	21	148	57	109	236		100	75	55	58	119	23
	PM		24	200	55	96	192		102	85	327*	90	143	0
Emory Farms Ave/Live Oak	AM		34	47		57	38		18	139		11	236	
	PM		32	47		47	44		27	237		17	174	
Lowes	AM		25			36	15		3	131		20	220	
	PM		65			108	52		19	369		104	164	
US 79	AM		558*	731*	65	461*	1352*	40	632*	366	295	331*	472*	614*
	PM		727*	1090*	107	540*	792*	40	398	365	849*	411*	562*	289*

*- 95th percentile volume exceeds capacity; queue may be longer.

Figure 13 shows existing (A) and modeled (B) Limmer Loop intersection geometry. With the proposed geometry, the intersection at Limmer Loop operates at LOS C both peaks. Since the queues from the No Build analysis were too long, to the point that Synchro could not report the exact queue lengths, the proposed geometry that was tested in Synchro was modeled according to engineering judgment.



Figure 13. Limmer Loop - Existing and Proposed Modeled Geometry

The details on the exact lengths of the turn lanes and the number of through lanes are provided in the next chapter.

Figure 14 shows existing (A) and proposed (B) Emory Farms/Live Oak intersection improvements. With the proposed geometry and conversion to a signalized intersection it is expected to operate at LOS B in both AM and PM peak hour. The Live Oak leg of the intersection is planned for construction within the next 12 months.

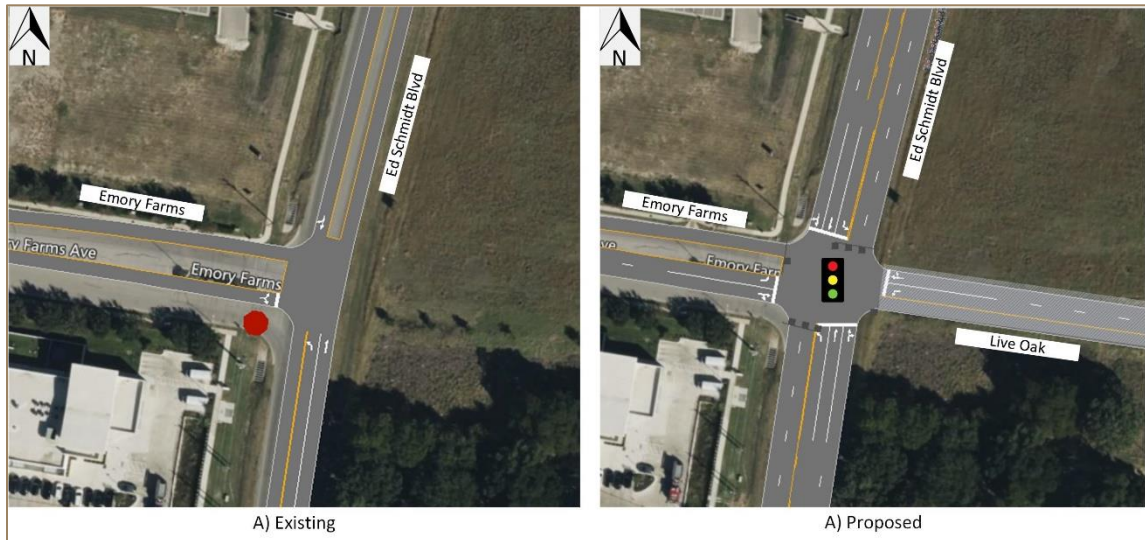


Figure 14. Emory Farms/Live Oak - Existing and Proposed Modeled Geometry

The intersection at Ed Schmidt Boulevard and the Lowe's access was modeled as a signalized intersection (see **Figure 15**) as the delays for the east-west movement in No Build Conditions were high. The details on the exact lengths of the turn lanes and the number of through lanes is provided in the next chapter. With these improvements, the intersection operates at LOS A in the AM peak and LOS B in the PM peak.

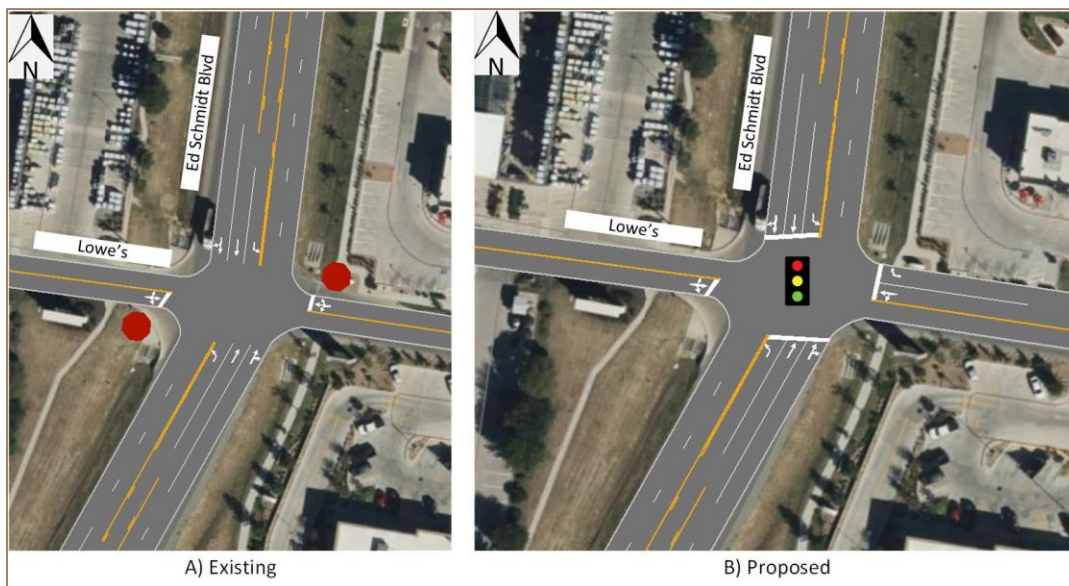


Figure 15. Lowe's - Existing and Proposed Modeled Geometry

The delay and queue issues persist at US 79, as no improvements were modeled at that intersection.

4.3 Operational Analysis – 2043 Future Build Conditions

In the 2043 Future Build conditions, future projected volumes in addition to traffic associated with the Limmer Loop development and the Schmidt's Creek development were used for the analysis. The LOS results are reported in **Table 11**. Modeled intersection geometry is the same as for the 2033 Build Conditions.

The intersection at Limmer Loop operates at LOS C in the AM peak and LOS D in the PM peak. The proposed geometry that was tested in *Synchro* was modeled according to engineering judgment. The details on the exact lengths of the turn lanes and the number of through lanes are provided in the next chapter.

Note that several roundabout options were evaluated for this intersection, including a two-lane roundabout. With high projected traffic volumes for this intersection, specifically for the left turn movements (e.g., westbound left and northbound left in both AM and PM peak), it was determined that a roundabout was not a feasible intersection improvement.

The proposed signalized intersection at Emory Farms /Live Oak is expected to operate at LOS B. The east leg of the intersection, planned for construction within the next 12 months, is included in the analysis.

The intersection at Ed Schmidt Boulevard and the Lowe's access was modeled as a signalized intersection as the delays for the east-west movement the No Build Conditions were high. The details on the exact lengths of the turn lanes and the number of through lanes is provided in the next chapter.

The intersection of Ed Schmidt Boulevard and US 79 operates at LOS F. No improvements were introduced at this intersection as the delays are very high and adding the lanes in *Synchro* would not improve level of service. Any improvements at this intersection should be performed by TxDOT as US 79 is TxDOT facility. See **Appendix C** for detailed Synchro output reports.

Table 11. Level of Service for 2043 Future Build Conditions

Intersection	Time Period	Control	MOE	EB Movement			WB Movement			NB Movement			SB Movement			Overall
				Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Limmer Loop	AM	Signal	LOS	C	C	D	B	C	C	C	C	D	C	C	C	C
			Delay	20.2	25.5	37.1	18.3	21.7	21.6	28.1	26.5	37.3	24.3	30.2	30.4	26.3
	PM		LOS	C	C	D	C	C	C	C	C	F	C	C	C	D
			Delay	23.9	33.7	39.3	24.5	25.4	25.4	22.4	23.3	187.9	24.4	28.5	25.4	51.9
Emory Farms/Live Oak	AM	Signal	LOS	C	C	C	C	B	B	B	B	B	A	C	C	B
			Delay	24.3	31.5	31.5	21.1	18.0	18.0	13.8	13.0	13.0	9.8	23.0	23.0	19.6
	PM		LOS	C	C	C	C	C	C	A	B	B	A	A	A	B
			Delay	23.3	24.3	24.3	26.0	22.1	22.1	7.4	12.2	12.4	9.3	10.0	10.0	12.3
Lowes	AM	Signal	LOS	B	B	B	B	C	C	A	A	A	A	A	A	A
			Delay	17.6	17.6	17.6	17.8	20.2	20.2	6.4	8.2	8.2	5.1	7.9	7.9	8.6
	PM		LOS	C	C	C	C	C	C	A	B	B	B	A	A	B
			Delay	26.9	26.9	26.9	26.5	32.4	32.4	6.7	16.2	17.3	17.3	8.7	8.7	16.0
US 79	AM	Signal	LOS	F	F	C	F	F	C	F	D	D	F	F	F	F
			Delay	1636.3	232.7	31.4	1815.3	612.9	29.3	2443.8	37.2	36.5	802.3	1461.6	2204.3	767.7
	PM		LOS	F	F	D	F	F	C	D	D	F	F	F	F	F
			Delay	1600.4	399.7	40.4	2208.4	208.6	29.0	45.7	41.9	251.8	738.4	1262.3	494.0	528.5

n/a¹ – free movement thus Synchro does not report any delay.

Table 12 shows queue lengths from Synchro output reports. The longest queue at Limmer Loop intersection is about 500 feet for northbound right movement in the PM peak hour. Emory Farms/Live Oak shows the longest queue of 440 feet for the southbound through/right movements in the AM peak. The intersection at Lowe's has the longest queue of about 500 feet for the northbound through/right movement in the PM peak.

The longest queues recorded at US 79 intersection were 1,678 feet, and 1,359 feet. The queues were reported for westbound through movement in the AM peak, and eastbound through movement in the PM peak, respectively.

Table 12. 95th percentile queue lengths for 2043 Future Build Conditions

Intersection	Time Period	MOE	EB Movement			WB Movement			NB Movement			SB Movement			
			Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	
Limmer Loop	AM	95th Percentile Queue Length (ft)	25	195	142	135	301		130	94	61	73	149	5	
	PM		27	253	110	115	234		126	103	503*	111	183	0	
Emory Farms Ave/Live Oak	AM		42	55		55	37		31	230		18	440		
	PM		37	52		48	44		32	313		21	241		
Lowe's	AM		33			49			28	3	176		25	311	
	PM		77			130			57	21	513*		159*	209	
US 79	AM		644*	939*	72	547*	1678*	51	749*	467	409	393*	562*	767*	
	PM		878*	1359*	162	648*	1043*	53	610*	609*	1098*	528*	675*	386*	

*- 95th percentile volume exceeds capacity; queue may be longer.

5.0 Summary of Modeled Conditions

Overall, Ed Schmidt Boulevard is modeled as a four-lane facility with two lanes each direction, with the center lane that has dedicated left turn bays for every driveway from Limmer Loop to US 79. Limmer Loop is modeled as a four-lane facility as well.

The intersection at Ed Schmidt Boulevard and Lowe's access is modeled as follows:

- Northbound/Southbound direction
 - o Left turn bays
 - o One through lane and one shared through/right lane
- Eastbound direction
 - o Shared left/through/right lane
- Westbound direction
 - o Shared through/left lane
 - o Right turn only lane

The intersection at Ed Schmidt Boulevard and Emory Farms/Live Oak is modeled as follows:

- Northbound/Southbound direction
 - o Left turn bays
 - o One through lane and one shared through/right lane
- Eastbound direction
 - o Left turn bay
 - o Shared through/right lane
- Westbound direction
 - o Left turn bay
 - o Through/right lane

The intersection at Ed Schmidt Boulevard and Limmer Loop was modeled as follows:

- Northbound direction
 - o 200' dual left turn lane bay
 - o 200' single lane right turn bay
 - o Two through lanes
- Southbound direction
 - o 150' single left turn bay
 - o 150' single right turn bay
 - o Two through lanes
- Westbound direction
 - o 350' dual left turn bay
 - o One through lane and one shared through/right lane
- Eastbound direction
 - o 120' single left turn bay
 - o 120' single right turn bay
 - o Two through lanes

Not all modeled geometry discussed here will be required to be constructed. Some elements are already in place. See following chapters for recommended improvements and corresponding cost estimates.

6.0 Corridor Deficiencies and Concerns

In this report, Garver analyzed the traffic growth impacts on Ed Schmidt Boulevard. The engineer also performed field observations noting deficiencies along the corridor for all corridor users (e.g., drivers, bikers, pedestrians) and developed a list of recommend improvements to improve safety.

6.1 Noted Corridor Issues

1. No sidewalk on the east side and non-continuous sidewalk on the west side of the Ed Schmidt Boulevard (see **Figure 2** and **Figure 4**).
2. Inadequate pedestrian facilities surrounding the Ed Schmidt Boulevard and US 79 intersection to accommodate students (see **Figure 4**).
3. Eastbound and northbound right turn bays currently operate at LOS F and negatively affect corresponding through movements.
4. No midblock pedestrian crossing at Ed Schmidt Boulevard from US 79 to Limmer Loop
5. High number of access points along the southern part of the study corridor.
6. Limited sight distance for left turning vehicles (e.g., northbound, and southbound vehicles in center turn lane attempting to make a left turn at the same intersection), especially at the southern part of the corridor, which is the busiest section.
7. Varying speed limits posted along corridor, ranging between 35 mph at the south end of the corridor and 50 mph at the north end of the study corridor.

7.0 Recommended Improvements

The following immediate (short-term) improvements are recommended for the study area. The improvements are listed in order of importance.

1. Construct sidewalk on east side of the corridor to provide students safe access to/from Hutto High School. The sidewalk should be constructed from US 79 to Limmer Loop. This will increase pedestrian safety, and potentially increase pedestrian traffic.

2. Connect sidewalk on the northwest side of the corridor, providing a continuous sidewalk from US 79 to Limmer Loop. This will increase pedestrian safety, and potentially increase pedestrian traffic.
3. Add an eastbound right turn bay and a northbound right turn bay at Limmer Loop to improve LOS.
4. Consider adding midblock pedestrian crossing north of Lowe's (between Hampton Inn and Chipotle). The analyzed section of Ed Schmidt Boulevard is more than a mile long and there are no marked pedestrian crossings between Limmer Loop and US 79.
5. Consider converting center turn lane to a raised median with shrubs and other vegetation. For example, a raised median could be installed from US 79 to the Lowe's access drive, allowing only right in/right out maneuvers and preventing eastbound left and westbound left turn movements from the driveways. It will eliminate the sight distance issue at the southern part of the corridor, which is the busiest section. This recommended improvement is also supported in the traffic safety memorandum for this corridor that was performed in 2022. It showed high number of angle crashes that are related to left turn maneuvers. See **Appendix A** for 2022 traffic safety memorandum. Raised median is expected to reduce number of crashes at this section.
6. Perform a speed study to verify posted speed limits along the corridor (e.g., 35mph). A speed study will be needed to re-post speed limits. This measure can reduce number of crashes.

The following long-term improvements should be considered within the next 5 to 10 years. The prioritization of these improvements should be determined by the city, as the traffic projections depend on multiple factors that sometimes can underestimate or overestimate the actual volumes.

7. Widen Ed Schmidt Boulevard to two lanes in each direction through the entire corridor.
8. Widen Limmer Loop to two through lanes in each direction.
9. Add a second westbound left turn lane at Limmer Loop.
10. Add a second northbound left turn lane at Limmer Loop.
11. Convert a two-way stop-controlled intersection at the Lowe's access to signalized intersection.
12. Convert a two-way stop-controlled intersection at the Emory Farms/Live Oak to signalized intersection.

See **Appendix D** for conceptual layouts for recommended improvements.

Table 13 shows the cost estimates for specific short-term and long-term improvements. The number in parenthesis under the 'Location' column corresponds to the numbered improvements on the exhibits that can be found in **Appendix D**.

Note that the construction of east leg of the intersection at Ed Schmidt Boulevard and Emory Farms is not included in the cost estimate. The construction of east leg (Live Oak Avenue) will be part of Schmidt's Creek development, thus part of separate TIA recommendations.

Table 13. Cost Estimates for Short Term Improvements

Location	Improvement	Quantity	Unit	Unit Cost	Total Cost
Immediate (Short-Term) Improvements					
Ed Schmidt Blvd (1,2)	Construct 6' sidewalk	7,050	square yard	\$124	\$874,200
Ed Schmidt Blvd and Limmer Loop (3)	Add 220' eastbound right turn lane (includes 100' taper)	220	LF	\$1,275	\$280,500
Ed Schmidt Blvd and Limmer Loop (3)	Add 300' northbound right turn lane (includes 100' taper)	300	LF	\$1,275	\$382,500
Ed Schmidt Blvd at Emory Farms Ave (4)	Midblock Pedestrian crossing striping with raised median and trees/shrubs	1	each	\$50,000	\$50,000
Ed Schmidt Blvd between US 79 and Lowe's Entrance (5)	Convert center turn lane to a median with vegetation	~700	LF	\$325	\$227,500
Ed Schmidt Blvd (6)	Perform a speed study	1	n/a	\$15,000	\$15,000
Long Term Improvements					
Ed Schmidt Blvd (7)	Widen to two lanes in each direction	1.8	lane-mile	\$2,000,000	\$3,600,000
Limmer Loop (8)	Widen to two lanes in each direction	1.5	lane-mile	\$2,000,000	\$3,000,000
Ed Schmidt Blvd and Limmer Loop (9)	Add 450' westbound left turn lane (includes 100' taper)	450	LF	\$1,275	\$573,750
Ed Schmidt Blvd and Limmer Loop (10)	Add 300' northbound left turn lane (includes 100' taper)	300	LF	\$1,275	\$382,500
Ed Schmidt Blvd and Lowe's Entrance (11)	Convert 2-way stop to a signal (includes culvert extension)	1	each	\$630,000	\$630,000
Ed Schmidt Blvd and Emory Farms/Live Oak (12)	Convert 2-way stop to a signal	1	each	\$350,000	\$350,000
Total					\$10,365,950
Design - Engineering/Survey/Geotech (20%)					\$2,073,190
Contingency (20%)					\$2,073,190
Grand Total					\$14,512,330



APPENDIX A

Ed Schmidt Blvd Traffic Safety Memo

City of Hutto
Williamson County
Texas
21T47010

October 2022

Prepared by:
Garver



A handwritten signature in blue ink, appearing to read "Dusan Jolovic", written over the bottom right portion of the professional engineer seal.



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1.0 Introduction

This traffic memo was developed to achieve the following goals:

- Identify safety issues along the Ed Schmidt corridor by summarizing observations and available crash data
- Identify and recommend potential countermeasures to address current and long-term needs

1.1 Background and Overall Observations

The study area covers Ed Schmidt Blvd from Hwy 79 on the south to Limmer Loop on the north. The corridor is 1.2 miles long. Starting at Hwy 79 and heading north, the corridor has two lanes in each direction with a two-way left-turn lane (TWLTL) in the middle that continues for approximately 1,500 feet, at roughly the location of the Hampton Inn and Suites (Driveway C). The remaining part of the corridor maintains the TWLTL, but only has a single lane in each direction. A map of the study area as viewed in Google Maps is shown in **Figure 1**.

There are multiple businesses and buildings along the Ed Schmidt corridor that act as traffic generators. On the southeast edge of the corridor there is a building that contains a BancorpSouth, Austin Children's Dentistry, and Baylor Scott & White medical clinic. North of this area, Ed Schmidt Blvd intersects with 'Driveway A' (see **Figure 1** for details) that allows access on the east to many restaurants including Chick-Fil-A, Dairy Queen, Stockade Kitchen, Chili's, and McDonald's. In addition to restaurant access, there is also a Home Depot on the intersecting driveway along with an auto care shop, bakery, Great Clips, and a Wells Fargo Bank. Further north of this intersection, WhiteWater Express Car Wash is accessible off Ed Schmidt Blvd via 'Driveway B'. Just north of the car wash is currently an empty lot that will soon be developed into a restaurant named Mighty Fine. Just north of this lot is a back entrance ('Driveway C') to the Home Depot, and just north of that is a Chipotle Mexican Grill as well as a Taco Casa, accessible via 'Driveway D'. North of these restaurants is an undeveloped field, followed by Tim and Marisa Texas (TMTE) Archery, Shooting, and Outdoor Adventures. North of TMTE is a private residence on the northern limits of the corridor.



Figure 1. Ed Schmidt Blvd Study Area

Starting at the northwest corner, at the intersection of Emory Farms Ave and Ed Schmidt Blvd is Amazing Explorers Academy, which is a daycare service. Emory Farms Ave provides access to a large subdivision as well as several large companies that do shipping, contracting, and manufacturing. The planned extension of Live Oak Street will traverse the private residence and connect to Ed Schmidt at the existing Emory Farms Ave. Once completed, Live Oak will connect from Ed Schmidt to FM 1660. The development plans for the Live Oak extension are currently in the City of Hutto for review. Farther south there is a small strip of businesses including Advanced Dental Care, Farmers Insurance, Lone Star Chiropractic, and Perfect Styles Salon, accessible via 'Driveway D'. Sharing an entrance to this strip is also a Hampton Inn & Suites which connects to a Holiday Inn Express & Suites as well as the county commissioner's office and a dental care location. Immediately south of this area is a large Lowe's Home Improvement store with three access points (e.g., 'Driveways A, B, and F'). South of the Lowes is a 'Driveway G' that provides access to a credit union, several medical clinics, a Walgreens, nail salon, and a T-Mobile store.

1.2 Traffic Observations

At the intersection of Hwy 79 and Ed Schmidt Blvd, there are four northbound lanes: one left turn, one right turn, one through-left, and a through lane. The northbound signal has four signal heads. North of the intersection there are two 12-foot lanes with a speed limit of 35 MPH. The road markings are moderately worn. Yellow delineators separate the northbound and southbound directions. Some delineators are

either missing or have been knocked over, as shown in **Figure 2**. Since the delineators are made of flexible material, some drivers might drive over them disobeying traffic rules and regulations.



Figure 2. Traffic delineators on Ed Schmidt Blvd (source: Google Street View)

Once the southbound-only turning lane ends, there is a TWLTL for the rest of the corridor. 'Driveway G' which is about 75 yards from the intersection provides access to the bank and medical clinic area, shortly followed by a secondary entrance ('Driveway F') to this area. The 'Driveway G' has a right turn only sign, and the 'Driveway F' has no traffic control signs. About a hundred yards north of the "Driveway F" is a 'Driveway A' that provides access to Chick-Fil-A and Dairy Queen. On the east side of this driveway there is a stop sign with extremely faded STOP pavement markings, and a sidewalk with no crosswalk. About 90 yards north there is a 'Driveway B' to the car wash, where there are no traffic control signs for entering traffic. The pavement markings are also weathered at this location. About 70 yards to the north there is the back entrance ('Driveway C') to Home Depot and Chipotle where there are directional arrows in and out of the driveway, a faded stop pavement marking, and a stop sign. Immediately after this intersection, the two northbound through lanes drop to one for the rest of the corridor while still maintaining the TWLTL. Where the merge ends approximately 75 yards later to the north, there is a newly constructed entrance to Taco Casa ('Driveway D'). The exit is right turn only with a right turn only sign and a stop sign. The entrance to TMTE Archery is approximately 135 yards north and has no traffic control signs. Fifty yards north of this driveway is the driveway to the private residence.

At the intersection of Ed Schmidt Blvd and Emory Farms Ave, the stop line on the eastbound approach is faded but there is a stop sign. While the eastbound approach lane is 26 feet wide, which is enough to have both a left turn and a right turn lane striped, there are no pavement markings to differentiate them.

Approximately 65 yards south of the intersection is the driveway to the daycare, which has no traffic control signs. 'Driveway D' is 200 yards south and provides access to the small strip of businesses mentioned previously. There are no traffic control signs at this location. Just after this point, the southbound direction widens to two lanes. 'Driveway C' is 65 yards south, providing access for Hampton Inn, Holiday Inn, dentist, and county commissioner's office. There are no traffic control signs at this location. About 65 yards south, there is a 'Driveway B' which provides back access to Lowes, which has STOP pavement markings that are faded. About 100 yards south is a 'Driveway A' which is a primary access point to Lowes. There are no traffic control signs at this access point, but there is a stop line marked on the pavement. Another 100 yards south is the third entrance/exit to Lowes ('Driveway F'), and it has a stop sign. About 30 yards south of that driveway a section of guardrail on the shoulder starts. This continues for 35 yards until 'Driveway G' for Walgreens, and then resumes for the remaining 90 yards to the intersection of Hwy 79. The intersection has four southbound lanes: a dedicated left and a right turn lane, and two through lanes.

According to observations, this corridor needs pavement marking improvements. Most markings are faded, some to the point where they are hard to see. Based on the street view of this corridor and observing that some plots of the land are still vacant there are several intersections which may warrant a signal in the future, but additional traffic study would be needed to determine that. Access management is another concern. There are many entry and exit points that are close to the major intersection with Hwy 79, this is a potential safety concern that could be addressed with better access management.

2.0 Crash Data Summary

A summary and analysis of collision history along Ed Schmidt Blvd was conducted by compiling crash data from TxDOT's CRIS Database for five years from 2017 to 2021. There were 76 total crashes along Ed Schmidt Blvd during this period. The number of crashes increased each year even though Annual Average Daily Traffic (AADT) has decreased in the last two years. A breakdown of the number of crashes that occurred each year is shown in **Table 1**. A map depicting the location of each crash is shown in **Figure 3**. The map reveals that most of the crashes occurred between the primary driveway to Lowes and Hwy 79. This stretch has multiple driveways that are closely spaced and are close to the major intersection with Hwy 79. Also, this stretch of the road stores queued vehicles at the southbound approach. Looking at Google Street View, the southbound queueing is noticeable. The combination of queues, closely spaced driveways, and the presence of the major intersection increases potential for crashes significantly.

Table 1. Total number of crashes per year and corresponding AADT

Crash Year	Number of Crashes	AADT
2017	6	24,819
2018	10	19,545
2019	15	25,720
2020	19	21,708
2021	26	18,273

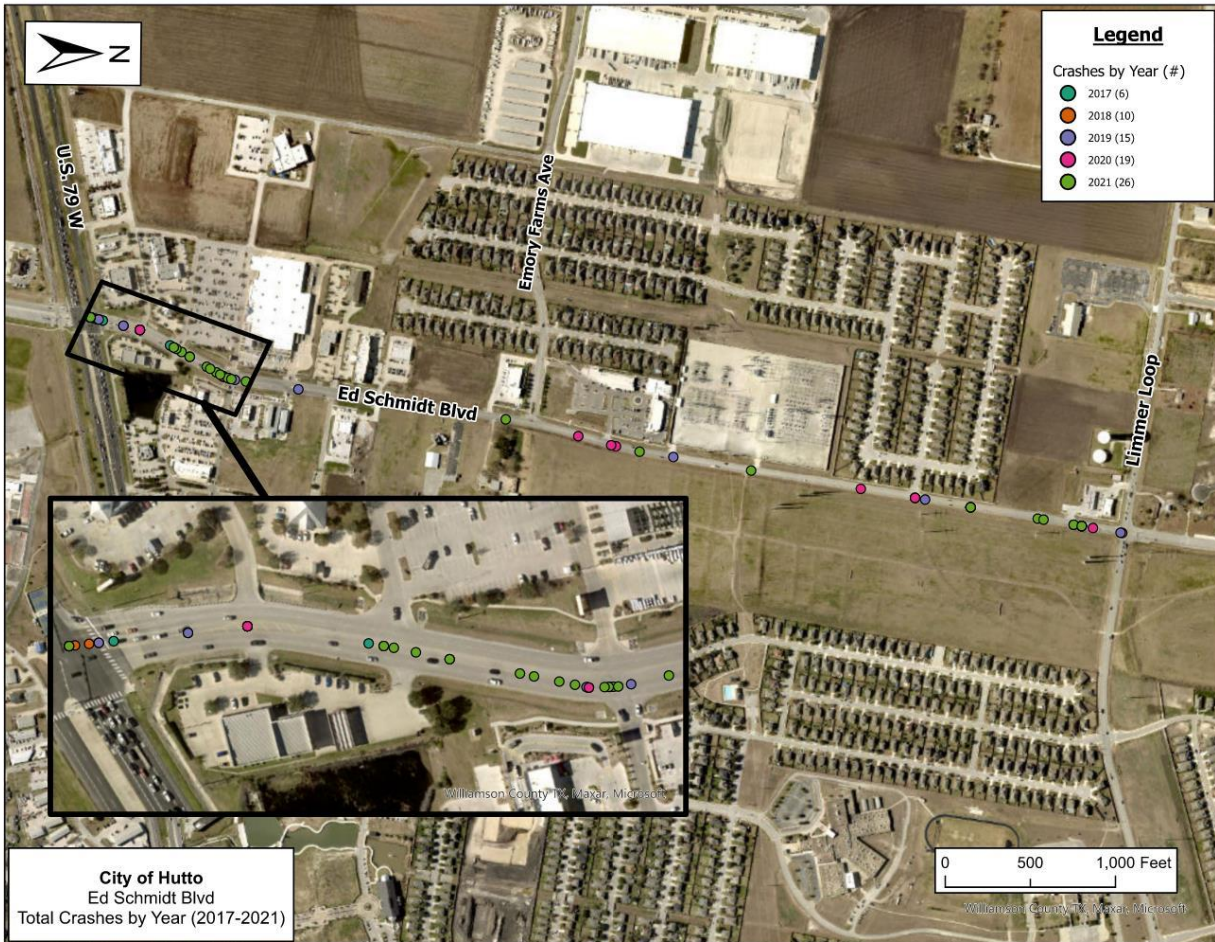


Figure 3. Total number of crashes from 2017 to 2021

Table 2 shows the summary of crashes by severity. The crashes with no injuries had the highest occurrence rate – 54 in total, followed by ten possible injury crashes, six non-incapacitating injury crashes, and six suspected serious injury crashes. There were no fatal crashes. A high number of non-injury crashes indicates that the crashes happen at low speeds under congested conditions.

Table 2. Total number of crashes by severity

Year	Not Injured	Possible Injury	Non-Incapacitating	Suspected Serious Injury	Fatal	Total
2017	2	3	0	1	0	6
2018	9	0	0	1	0	10
2019	8	1	3	3	0	15
2020	15	1	2	1	0	19
2021	20	5	1	0	0	26
Sum	54	10	6	6	0	76

Table 3 shows the summary of crashes by manner. Angle crashes and sideswipes in the same direction are the most common crashes, with 28 angle and 24 sideswipes occurring during the five-year period. Angle crashes almost doubled from 2020 to 2021. There were also 20 rear-end crashes and four single-vehicle crashes.

Table 3. Total number of crashes by manner

Year	Single Vehicle Crash	Angle Crash	Rear-End	Sideswipe Same Direction Crash	Total
2017	0	3	2	1	6
2018	0	5	1	4	10
2019	0	3	5	7	15
2020	1	6	7	5	19
2021	3	11	5	7	26
Sum	4	28	20	24	76

3.0 Recommendations

Based on the aerial and Street View observations, the following is recommended:

- Remove flexible delineators
- Add raised median at Ed Schmidt Blvd between Driveway A and Hwy 79. That will make Driveway F and Driveway G right-in-right-out only. **Figure 4** shows the sketch of a raised median.

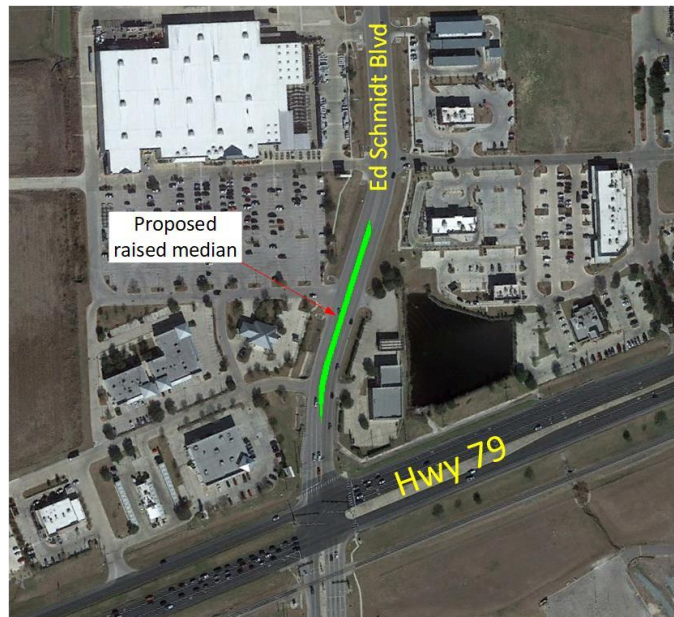


Figure 4. Recommended raised median

- As most of the pavement markings are faded, restriping of pavement markings to enhance visibility is recommended.
- Collect field traffic data at the intersection of Ed Schmidt Blvd and Driveway A (Lowe's driveway) and perform traffic signal warrant analysis to check if the traffic signal is warranted.
- Enhance enforcement on the corridor to lower the potential of disobeying traffic signals and traffic rules – especially enforcing prohibited left turn maneuvers. Left turns contribute to angle crashes. According to historical data, angle crashes are the most common ones on this stretch of Ed Schmidt Blvd.

APPENDIX B

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

Page No : 1

Groups Printed- Vehicles - Heavy Vehicles

Start Time	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					Int. Total
	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	
00:00	0	0	0	0	0	4	6	2	0	12	0	3	8	0	11	0	4	2	0	6	29
00:15	0	1	0	0	1	2	2	0	0	4	1	3	10	0	14	0	3	1	0	4	23
00:30	0	2	0	0	2	2	4	0	0	6	0	2	4	0	6	0	0	0	0	0	14
00:45	0	0	0	0	0	1	1	0	0	2	0	3	5	0	8	0	4	2	0	6	16
Total	0	3	0	0	3	9	13	2	0	24	1	11	27	0	39	0	11	5	0	16	82
01:00	1	0	0	0	1	4	2	1	0	7	0	3	8	0	11	1	2	1	0	4	23
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01:45	1	2	0	0	3	3	2	1	0	6	0	2	6	0	8	0	0	0	0	0	17
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02:30	0	1	0	0	1	1	1	0	0	2	0	0	8	0	8	0	2	0	0	2	13
02:45	0	2	0	0	2	2	3	0	0	5	0	6	1	0	7	0	1	1	0	2	16
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03:15	0	1	0	0	1	7	1	0	0	8	1	5	1	0	7	0	0	0	0	0	16
03:30	0	3	0	0	3	4	8	0	0	12	0	4	0	0	4	0	1	0	0	1	20
03:45	0	3	0	0	3	6	7	0	0	13	3	3	0	0	6	0	1	1	0	2	24
Total	0	8	0	0	8	18	20	1	0	39	6	14	4	0	24	0	2	1	0	3	74
04:00	1	2	0	0	3	10	3	2	0	15	0	3	0	0	3	0	1	2	0	3	24
04:15	0	2	0	0	2	8	6	2	0	16	1	3	3	0	7	0	2	0	0	2	27
04:30	2	4	0	0	6	15	4	3	0	22	2	7	1	0	10	0	3	3	0	6	44
04:45	1	5	0	0	6	19	12	2	0	33	2	10	0	0	12	0	5	3	0	8	59
Total	4	13	0	0	17	52	25	9	0	86	5	23	4	0	32	0	11	8	0	19	154
05:00	1	8	0	0	9	37	20	1	0	58	1	4	4	0	9	0	2	2	0	4	80
05:15	0	9	3	0	12	42	17	5	0	64	4	10	3	0	17	0	8	4	0	12	105
05:30	2	12	4	0	18	37	30	4	0	71	5	8	8	0	21	0	8	5	0	13	123
05:45	6	12	3	0	21	42	27	5	0	74	5	14	10	0	29	1	16	6	0	23	147
Total	9	41	10	0	60	158	94	15	0	267	15	36	25	0	76	1	34	17	0	52	455
06:00	9	38	5	0	52	65	35	5	0	105	14	31	16	0	61	0	53	11	0	64	282
06:15	8	33	5	0	46	93	53	8	0	154	9	18	11	0	38	2	44	13	0	59	297
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07:30	12	32	15	0	59	63	139	0	0	202	33	33	36	0	102	6	98	57	0	161	524
07:45	19	66	20	0	105	83	128	1	0	212	38	42	48	0	128	0	67	29	0	96	541
Total	58	211	87	0	356	330	514	1	0	845	197	137	168	0	502	18	309	165	0	492	2195
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08:15	7	55	6	0	68	74	110	9	0	193	42	41	47	0	130	3	54	36	0	93	484
08:30	12	51	4	0	67	75	85	7	0	167	40	37	39	0	116	4	50	40	0	94	444
08:45	8	48	9	0	65	64	77	12	0	153	29	28	53	0	110	3	33	26	0	62	390
Total	53	216	25	0	294	297	384	32	0	713	146	143	185	0	474	17	196	131	0	344	1825
09:00	5	33	8	0	46	62	70	9	0	141	24	26	48	0	98	5	46	33	0	84	369
09:15	4	25	7	0	36	52	44	5	0	101	25	30	41	0	96	8	55	50	0	113	346

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

Page No : 2

Groups Printed- Vehicles - Heavy Vehicles

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
09:30	3	36	2	0	41	67	53	6	0	126	21	26	29	0	76	4	38	35	0	77	320
09:45	6	39	4	0	49	68	46	9	0	123	23	26	33	0	82	0	60	32	0	92	346
Total	18	133	21	0	172	249	213	29	0	491	93	108	151	0	352	17	199	150	0	366	1381
10:00	12	25	3	0	40	49	58	8	0	115	30	44	42	0	116	4	30	18	0	52	323
10:15	12	34	4	0	50	43	40	2	0	85	26	26	45	0	97	2	26	31	0	59	291
10:30	5	35	5	0	45	47	34	6	0	87	26	27	29	0	82	7	46	27	0	80	294
10:45	9	38	3	0	50	52	45	11	0	108	26	38	46	0	110	2	31	28	0	61	329
Total	38	132	15	0	185	191	177	27	0	395	108	135	162	0	405	15	133	104	0	252	1237
11:00	16	31	6	0	53	52	39	7	0	98	32	38	46	0	116	1	29	38	0	68	335
11:15	9	50	2	0	61	51	41	7	0	99	33	31	47	0	111	4	32	31	0	67	338
11:30	7	42	3	0	52	39	37	7	0	83	36	41	41	0	118	1	42	17	0	60	313
11:45	9	39	8	0	56	48	42	5	0	95	35	38	39	0	112	2	40	37	0	79	342
Total	41	162	19	0	222	190	159	26	0	375	136	148	173	0	457	8	143	123	0	274	1328
12:00	8	41	3	0	52	58	37	5	0	100	23	41	55	0	119	6	45	53	0	104	375
12:15	11	66	5	0	82	49	40	6	0	95	50	36	55	0	141	8	37	30	0	75	393
12:30	8	43	3	0	54	48	46	5	0	99	41	40	56	0	137	8	47	35	0	90	380
12:45	5	30	4	0	39	44	43	6	0	93	37	34	64	0	135	6	40	35	0	81	348
Total	32	180	15	0	227	199	166	22	0	387	151	151	230	0	532	28	169	153	0	350	1496
13:00	10	26	5	0	41	46	47	10	0	103	26	47	71	0	144	11	39	44	0	94	382
13:15	13	39	5	0	57	41	46	7	0	94	28	37	54	0	119	3	44	35	0	82	352
13:30	6	33	2	0	41	48	36	10	0	94	39	44	71	0	154	3	38	31	0	72	361
13:45	6	30	4	0	40	43	43	5	0	91	50	35	49	0	134	7	43	41	0	91	356
Total	35	128	16	0	179	178	172	32	0	382	143	163	245	0	551	24	164	151	0	339	1451
14:00	11	38	6	0	55	44	61	5	0	110	36	37	60	0	133	2	42	33	0	77	375
14:15	8	33	4	0	45	54	44	5	0	103	39	38	52	0	129	6	44	33	0	83	360
14:30	7	36	6	0	49	40	69	5	0	114	44	33	66	0	143	3	63	30	0	96	402
14:45	14	44	5	0	63	59	60	7	0	126	48	35	50	0	133	4	59	25	0	88	410
Total	40	151	21	0	212	197	234	22	0	453	167	143	228	0	538	15	208	121	0	344	1547
15:00	17	30	4	0	51	55	53	17	0	125	39	45	71	0	155	6	66	39	0	111	442
15:15	12	41	11	0	64	62	57	7	0	126	26	45	66	0	137	1	72	50	0	123	450
15:30	17	43	5	0	65	49	46	11	0	106	31	40	53	0	124	4	82	45	0	131	426
15:45	12	43	7	0	62	57	83	9	0	149	34	33	78	0	145	9	87	32	0	128	484
Total	58	157	27	0	242	223	239	44	0	506	130	163	268	0	561	20	307	166	0	493	1802
16:00	6	43	6	0	55	59	66	9	0	134	40	33	62	0	135	9	92	30	0	131	455
16:15	22	42	7	0	71	52	64	9	0	125	41	32	94	0	167	6	87	38	0	131	494
16:30	17	49	9	0	75	63	78	11	0	152	44	46	73	0	163	6	85	23	0	114	504
16:45	16	37	9	0	62	45	77	13	0	135	35	40	66	0	141	13	99	33	0	145	483
Total	61	171	31	0	263	219	285	42	0	546	160	151	295	0	606	34	363	124	0	521	1936
17:00	24	71	7	0	102	51	91	10	0	152	50	44	100	0	194	5	92	31	0	128	576
17:15	21	55	8	0	84	71	98	11	0	180	40	30	96	0	166	1	93	25	0	119	549
17:30	32	50	7	0	89	65	75	5	0	145	32	48	89	0	169	5	85	30	0	120	523
17:45	16	56	12	0	84	65	86	4	0	155	40	34	83	0	157	4	94	39	0	137	533
Total	93	232	34	0	359	252	350	30	0	632	162	156	368	0	686	15	364	125	0	504	2181
18:00	16	45	11	0	72	71	71	9	0	151	47	32	92	0	171	7	100	35	0	142	536
18:15	20	58	4	0	82	66	87	6	0	159	59	52	79	0	190	3	77	36	0	116	547
18:30	11	48	6	0	65	63	89	11	0	163	43	39	91	0	173	4	79	30	0	113	514
18:45	5	54	6	0	65	50	58	8	0	116	37	49	80	0	166	4	68	27	0	99	446
Total	52	205	27	0	284	250	305	34	0	589	186	172	342	0	700	18	324	128	0	470	2043
19:00	7	35	8	0	50	54	42	10	0	106	40	48	92	0	180	6	46	37	0	89	425

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

Page No : 3

Groups Printed- Vehicles - Heavy Vehicles

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
19:15	4	37	6	0	47	43	52	9	0	104	29	35	89	0	153	1	42	28	0	71	375
19:30	7	33	3	0	43	57	42	10	0	109	33	41	89	0	163	6	48	15	0	69	384
19:45	9	26	2	0	37	53	48	9	0	110	37	37	80	0	154	5	50	27	0	82	383
Total	27	131	19	0	177	207	184	38	0	429	139	161	350	0	650	18	186	107	0	311	1567
20:00	6	23	1	0	30	46	41	10	0	97	26	39	90	0	155	3	31	29	0	63	345
20:15	4	28	0	0	32	41	27	5	0	73	29	26	69	0	124	6	37	33	0	76	305
20:30	9	26	3	0	38	40	24	1	0	65	27	24	72	0	123	6	46	22	0	74	300
20:45	5	14	1	0	20	35	28	2	0	65	18	22	59	0	99	3	40	19	0	62	246
Total	24	91	5	0	120	162	120	18	0	300	100	111	290	0	501	18	154	103	0	275	1196
21:00	6	14	0	0	20	31	12	3	0	46	15	33	39	0	87	2	38	18	0	58	211
21:15	1	14	2	0	17	20	20	1	0	41	16	18	40	0	74	6	28	22	0	56	188
21:30	3	20	1	0	24	32	26	2	0	60	21	14	44	0	79	6	23	13	0	42	205
21:45	5	20	4	0	29	24	10	1	0	35	17	16	41	0	74	2	34	7	0	43	181
Total	15	68	7	0	90	107	68	7	0	182	69	81	164	0	314	16	123	60	0	199	785
22:00	2	11	3	0	16	20	5	4	0	29	9	14	52	0	75	1	15	5	0	21	141
22:15	2	7	0	0	9	14	15	3	0	32	6	17	34	0	57	3	17	2	0	22	120
22:30	2	3	0	0	5	8	8	3	0	19	6	14	28	0	48	3	13	5	0	21	93
22:45	1	6	0	0	7	14	4	1	0	19	1	8	20	0	29	4	9	2	0	15	70
Total	7	27	3	0	37	56	32	11	0	99	22	53	134	0	209	11	54	14	0	79	424
23:00	1	6	0	0	7	5	6	1	0	12	4	8	24	0	36	1	7	6	0	14	69
23:15	0	1	1	0	2	8	3	0	0	11	2	7	19	0	28	0	12	1	0	13	54
23:30	0	4	0	0	4	6	1	2	0	9	3	3	14	0	20	1	3	2	0	6	39
23:45	2	1	0	0	3	4	8	0	0	12	1	4	11	0	16	0	2	0	0	2	33
Total	3	12	1	0	16	23	18	3	0	44	10	22	68	0	100	2	24	9	0	35	195
Grand Total	717	2632	413	0	3762	3949	4075	464	0	8488	2227	2407	3994	0	8628	305	3701	2046	0	6052	26930
Apprch %	19.1	70	11	0		46.5	48	5.5	0		25.8	27.9	46.3	0		5	61.2	33.8	0		
Total %	2.7	9.8	1.5	0	14	14.7	15.1	1.7	0	31.5	8.3	8.9	14.8	0	32	1.1	13.7	7.6	0	22.5	
Vehicles	640	2493	396	0	3529	3865	3877	411	0	8153	2183	2305	3876	0	8364	290	3554	2000	0	5844	25890
% Vehicles	89.3	94.7	95.9	0	93.8	97.9	95.1	88.6	0	96.1	98	95.8	97	0	96.9	95.1	96	97.8	0	96.6	96.1
Heavy Vehicles	77	139	17	0	233	84	198	53	0	335	44	102	118	0	264	15	147	46	0	208	1040
% Heavy Vehicles	10.7	5.3	4.1	0	6.2	2.1	4.9	11.4	0	3.9	2	4.2	3	0	3.1	4.9	4	2.2	0	3.4	3.9

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00																					
07:00	17	59	19	0	95	105	125	0	0	230	58	28	41	0	127	7	74	41	0	122	574
07:15	10	54	33	0	97	79	122	0	0	201	68	34	43	0	145	5	70	38	0	113	556
07:30	12	32	15	0	59	63	139	0	0	202	33	33	36	0	102	6	98	57	0	161	524
07:45	19	66	20	0	105	83	128	1	0	212	38	42	48	0	128	0	67	29	0	96	541
Total Volume	58	211	87	0	356	330	514	1	0	845	197	137	168	0	502	18	309	165	0	492	2195
% App. Total	16.3	59.3	24.4	0		39.1	60.8	0.1	0		39.2	27.3	33.5	0		3.7	62.8	33.5	0		
PHF	.763	.799	.659	.000	.848	.786	.924	.250	.000	.918	.724	.815	.875	.000	.866	.643	.788	.724	.000	.764	.956
Vehicles	53	195	84	0	332	325	495	1	0	821	189	133	155	0	477	16	288	158	0	462	2092
% Vehicles																					
Heavy Vehicles	5	16	3	0	24	5	19	0	0	24	8	4	13	0	25	2	21	7	0	30	103
% Heavy Vehicles	8.6	7.6	3.4	0	6.7	1.5	3.7	0	0	2.8	4.1	2.9	7.7	0	5.0	11.1	6.8	4.2	0	6.1	4.7

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

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	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total

Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	17:00					06:45					18:15					15:30				
+0 mins.	24	71	7	0	102	104	105	3	0	212	59	52	79	0	190	4	82	45	0	131
+15 mins.	21	55	8	0	84	105	125	0	0	230	43	39	91	0	173	9	87	32	0	128
+30 mins.	32	50	7	0	89	79	122	0	0	201	37	49	80	0	166	9	92	30	0	131
+45 mins.	16	56	12	0	84	63	139	0	0	202	40	48	92	0	180	6	87	38	0	131
Total Volume	93	232	34	0	359	351	491	3	0	845	179	188	342	0	709	28	348	145	0	521
% App. Total	25.9	64.6	9.5	0		41.5	58.1	0.4	0		25.2	26.5	48.2	0		5.4	66.8	27.8	0	
PHF	.727	.817	.708	.000	.880	.836	.883	.250	.000	.918	.758	.904	.929	.000	.933	.778	.946	.806	.000	.994
Vehicles	90	226	33	0	349	345	477	3	0	825	179	185	342	0	706	28	337	142	0	507
% Vehicles																				
Heavy Vehicles	3	6	1	0	10	6	14	0	0	20	0	3	0	0	3	0	11	3	0	14
% Heavy Vehicles	3.2	2.6	2.9	0	2.8	1.7	2.9	0	0	2.4	0	1.6	0	0	0.4	0	3.2	2.1	0	2.7

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

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Groups Printed- Vehicles

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
00:00	0	0	0	0	0	4	6	2	0	12	0	3	8	0	11	0	4	2	0	6	29
00:15	0	0	0	0	0	2	2	0	0	4	1	3	10	0	14	0	3	1	0	4	22
00:30	0	1	0	0	1	2	4	0	0	6	0	2	4	0	6	0	0	0	0	0	13
00:45	0	0	0	0	0	1	1	0	0	2	0	3	5	0	8	0	4	2	0	6	16
Total	0	1	0	0	1	9	13	2	0	24	1	11	27	0	39	0	11	5	0	16	80
01:00	1	0	0	0	1	4	2	1	0	7	0	2	8	0	10	1	2	1	0	4	22
01:15	0	1	0	0	1	0	2	1	0	3	0	3	4	0	7	0	3	1	0	4	15
01:30	0	0	0	0	0	1	3	0	0	4	0	2	2	0	4	0	3	0	0	3	11
01:45	1	2	0	0	3	3	2	1	0	6	0	1	6	0	7	0	0	0	0	0	16
Total	2	3	0	0	5	8	9	3	0	20	0	8	20	0	28	1	8	2	0	11	64
02:00	0	0	0	0	0	2	0	0	0	2	1	2	3	0	6	0	0	1	0	1	9
02:15	0	0	0	0	0	2	3	0	0	5	0	2	2	0	4	0	6	0	0	6	15
02:30	0	1	0	0	1	1	1	0	0	2	0	0	8	0	8	0	2	0	0	2	13
02:45	0	2	0	0	2	2	2	0	0	4	0	6	1	0	7	0	1	1	0	2	15
Total	0	3	0	0	3	7	6	0	0	13	1	10	14	0	25	0	9	2	0	11	52
03:00	0	1	0	0	1	1	4	1	0	6	2	2	3	0	7	0	0	0	0	0	14
03:15	0	1	0	0	1	7	1	0	0	8	1	5	1	0	7	0	0	0	0	0	16
03:30	0	2	0	0	2	4	7	0	0	11	0	4	0	0	4	0	1	0	0	1	18
03:45	0	2	0	0	2	6	7	0	0	13	3	3	0	0	6	0	1	1	0	2	23
Total	0	6	0	0	6	18	19	1	0	38	6	14	4	0	24	0	2	1	0	3	71
04:00	0	2	0	0	2	10	3	0	0	13	0	3	0	0	3	0	1	2	0	3	21
04:15	0	2	0	0	2	8	6	0	0	14	1	3	3	0	7	0	2	0	0	2	25
04:30	2	3	0	0	5	15	4	1	0	20	2	6	1	0	9	0	3	3	0	6	40
04:45	1	5	0	0	6	18	11	2	0	31	2	10	0	0	12	0	5	2	0	7	56
Total	3	12	0	0	15	51	24	3	0	78	5	22	4	0	31	0	11	7	0	18	142
05:00	1	8	0	0	9	37	19	1	0	57	1	4	4	0	9	0	2	2	0	4	79
05:15	0	9	3	0	12	42	14	4	0	60	4	10	3	0	17	0	7	4	0	11	100
05:30	1	11	4	0	16	37	29	4	0	70	5	8	8	0	21	0	8	5	0	13	120
05:45	6	12	3	0	21	42	26	5	0	73	5	13	9	0	27	1	14	5	0	20	141
Total	8	40	10	0	58	158	88	14	0	260	15	35	24	0	74	1	31	16	0	48	440
06:00	9	38	4	0	51	61	34	5	0	100	14	29	16	0	59	0	52	9	0	61	271
06:15	8	29	5	0	42	89	51	8	0	148	9	17	11	0	37	2	42	12	0	56	283
06:30	9	32	4	0	45	102	90	0	0	192	21	30	26	0	77	3	49	31	0	83	397
06:45	17	46	15	0	78	102	100	3	0	205	35	24	24	0	83	3	53	19	0	75	441
Total	43	145	28	0	216	354	275	16	0	645	79	100	77	0	256	8	196	71	0	275	1392
07:00	16	55	18	0	89	104	124	0	0	228	57	27	38	0	122	7	71	39	0	117	556
07:15	9	48	33	0	90	79	119	0	0	198	66	33	41	0	140	5	67	36	0	108	536
07:30	12	31	14	0	57	60	134	0	0	194	32	31	34	0	97	4	91	56	0	151	499
07:45	16	61	19	0	96	82	118	1	0	201	34	42	42	0	118	0	59	27	0	86	501
Total	53	195	84	0	332	325	495	1	0	821	189	133	155	0	477	16	288	158	0	462	2092
08:00	25	53	6	0	84	80	106	4	0	190	33	33	43	0	109	6	54	28	0	88	471
08:15	4	52	6	0	62	71	107	8	0	186	41	36	42	0	119	3	48	36	0	87	454
08:30	11	49	4	0	64	70	81	7	0	158	40	35	30	0	105	4	46	37	0	87	414
08:45	7	44	9	0	60	63	74	11	0	148	27	25	40	0	92	3	30	24	0	57	357
Total	47	198	25	0	270	284	368	30	0	682	141	129	155	0	425	16	178	125	0	319	1696
09:00	4	27	7	0	38	60	66	9	0	135	24	24	41	0	89	5	43	32	0	80	342
09:15	2	20	7	0	29	51	43	5	0	99	24	29	40	0	93	7	48	48	0	103	324
09:30	3	34	2	0	39	66	48	5	0	119	20	25	27	0	72	4	32	35	0	71	301
09:45	5	36	4	0	45	67	44	8	0	119	22	22	32	0	76	0	55	32	0	87	327
Total	14	117	20	0	151	244	201	27	0	472	90	100	140	0	330	16	178	147	0	341	1294

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

Page No : 6

Groups Printed- Vehicles

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
10:00	9	22	3	0	34	48	53	7	0	108	29	41	41	0	111	3	29	18	0	50	303
10:15	5	33	3	0	41	40	37	2	0	79	24	23	45	0	92	2	26	31	0	59	271
10:30	4	28	5	0	37	46	33	5	0	84	24	26	26	0	76	7	42	27	0	76	273
10:45	8	36	3	0	47	50	39	9	0	98	25	36	45	0	106	2	28	27	0	57	308
Total	26	119	14	0	159	184	162	23	0	369	102	126	157	0	385	14	125	103	0	242	1155
11:00	10	27	6	0	43	51	34	3	0	88	32	34	46	0	112	0	26	36	0	62	305
11:15	7	49	2	0	58	51	36	6	0	93	33	29	47	0	109	3	31	29	0	63	323
11:30	5	41	3	0	49	37	33	4	0	74	36	39	40	0	115	1	36	17	0	54	292
11:45	7	37	8	0	52	47	38	4	0	89	34	32	39	0	105	2	38	37	0	77	323
Total	29	154	19	0	202	186	141	17	0	344	135	134	172	0	441	6	131	119	0	256	1243
12:00	8	39	3	0	50	58	35	5	0	98	22	36	54	0	112	6	43	53	0	102	362
12:15	7	59	4	0	70	48	37	5	0	90	50	34	52	0	136	8	35	29	0	72	368
12:30	5	40	3	0	48	48	38	5	0	91	39	39	56	0	134	8	42	35	0	85	358
12:45	4	29	4	0	37	43	40	5	0	88	36	33	62	0	131	5	40	35	0	80	336
Total	24	167	14	0	205	197	150	20	0	367	147	142	224	0	513	27	160	152	0	339	1424
13:00	10	26	4	0	40	45	41	6	0	92	23	45	70	0	138	10	39	44	0	93	363
13:15	9	36	5	0	50	41	43	4	0	88	26	30	54	0	110	3	40	34	0	77	325
13:30	5	31	2	0	38	47	35	7	0	89	39	42	70	0	151	2	36	29	0	67	345
13:45	5	29	4	0	38	42	42	4	0	88	48	34	49	0	131	5	39	40	0	84	341
Total	29	122	15	0	166	175	161	21	0	357	136	151	243	0	530	20	154	147	0	321	1374
14:00	10	29	6	0	45	41	58	5	0	104	36	37	60	0	133	2	39	33	0	74	356
14:15	6	33	3	0	42	53	33	4	0	90	38	35	49	0	122	6	42	29	0	77	331
14:30	7	35	6	0	48	35	53	4	0	92	43	31	66	0	140	3	59	29	0	91	371
14:45	13	44	5	0	62	55	58	5	0	118	47	35	48	0	130	4	58	25	0	87	397
Total	36	141	20	0	197	184	202	18	0	404	164	138	223	0	525	15	198	116	0	329	1455
15:00	15	29	3	0	47	51	51	16	0	118	38	42	69	0	149	5	65	38	0	108	422
15:15	12	38	11	0	61	61	56	7	0	124	26	44	62	0	132	1	68	49	0	118	435
15:30	14	39	5	0	58	47	45	11	0	103	31	39	51	0	121	4	80	44	0	128	410
15:45	11	43	7	0	61	56	77	9	0	142	32	33	78	0	143	9	83	32	0	124	470
Total	52	149	26	0	227	215	229	43	0	487	127	158	260	0	545	19	296	163	0	478	1737
16:00	4	42	5	0	51	55	62	8	0	125	39	32	62	0	133	9	88	29	0	126	435
16:15	20	40	7	0	67	52	63	8	0	123	41	30	87	0	158	6	86	37	0	129	477
16:30	16	49	8	0	73	63	74	11	0	148	44	45	72	0	161	6	84	23	0	113	495
16:45	16	36	7	0	59	41	72	9	0	122	34	40	61	0	135	13	99	33	0	145	461
Total	56	167	27	0	250	211	271	36	0	518	158	147	282	0	587	34	357	122	0	513	1868
17:00	23	68	6	0	97	50	87	10	0	147	50	43	96	0	189	5	92	31	0	128	561
17:15	20	53	8	0	81	71	96	10	0	177	40	30	90	0	160	1	92	25	0	118	536
17:30	32	49	7	0	88	64	73	5	0	142	32	46	81	0	159	5	84	30	0	119	508
17:45	15	56	12	0	83	65	84	4	0	153	40	34	82	0	156	4	93	39	0	136	528
Total	90	226	33	0	349	250	340	29	0	619	162	153	349	0	664	15	361	125	0	501	2133
18:00	16	44	11	0	71	71	70	9	0	150	47	32	91	0	170	7	100	35	0	142	533
18:15	20	57	4	0	81	66	87	6	0	159	59	50	79	0	188	3	77	36	0	116	544
18:30	11	48	6	0	65	63	89	10	0	162	43	39	91	0	173	4	79	30	0	113	513
18:45	5	54	6	0	65	50	58	8	0	116	37	48	80	0	165	4	67	27	0	98	444
Total	52	203	27	0	282	250	304	33	0	587	186	169	341	0	696	18	323	128	0	469	2034
19:00	7	35	8	0	50	54	42	10	0	106	40	48	92	0	180	5	45	37	0	87	423
19:15	4	37	6	0	47	43	52	9	0	104	29	35	89	0	153	1	42	27	0	70	374
19:30	7	33	3	0	43	57	42	10	0	109	33	41	89	0	163	6	48	15	0	69	384
19:45	9	26	2	0	37	53	48	8	0	109	37	37	80	0	154	5	49	27	0	81	381
Total	27	131	19	0	177	207	184	37	0	428	139	161	350	0	650	17	184	106	0	307	1562

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

Page No : 7

Groups Printed- Vehicles

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
20:00	6	23	0	0	29	46	41	10	0	97	26	39	90	0	155	3	31	29	0	63	344
20:15	4	28	0	0	32	41	27	5	0	73	29	25	69	0	123	6	36	33	0	75	303
20:30	9	25	3	0	37	40	23	1	0	64	26	23	72	0	121	6	45	22	0	73	295
20:45	5	14	1	0	20	35	27	2	0	64	18	22	59	0	99	3	40	19	0	62	245
Total	24	90	4	0	118	162	118	18	0	298	99	109	290	0	498	18	152	103	0	273	1187
21:00	6	14	0	0	20	31	12	3	0	46	15	33	39	0	87	2	38	18	0	58	211
21:15	1	14	2	0	17	20	20	0	0	40	16	18	40	0	74	6	28	22	0	56	187
21:30	3	19	1	0	23	32	26	2	0	60	21	14	44	0	79	6	23	13	0	42	204
21:45	5	19	4	0	28	24	9	1	0	34	17	16	40	0	73	2	34	6	0	42	177
Total	15	66	7	0	88	107	67	6	0	180	69	81	163	0	313	16	123	59	0	198	779
22:00	2	11	3	0	16	20	5	4	0	29	9	14	52	0	75	1	15	5	0	21	141
22:15	2	7	0	0	9	14	15	2	0	31	6	17	34	0	57	3	17	2	0	22	119
22:30	2	3	0	0	5	8	8	3	0	19	6	14	28	0	48	3	13	5	0	21	93
22:45	1	6	0	0	7	14	4	1	0	19	1	8	20	0	29	4	9	2	0	15	70
Total	7	27	3	0	37	56	32	10	0	98	22	53	134	0	209	11	54	14	0	79	423
23:00	1	5	0	0	6	5	6	1	0	12	4	8	24	0	36	1	7	6	0	14	68
23:15	0	1	1	0	2	8	3	0	0	11	2	7	19	0	28	0	12	1	0	13	54
23:30	0	4	0	0	4	6	1	2	0	9	3	2	14	0	19	1	3	2	0	6	38
23:45	2	1	0	0	3	4	8	0	0	12	1	4	11	0	16	0	2	0	0	2	33
Total	3	11	1	0	15	23	18	3	0	44	10	21	68	0	99	2	24	9	0	35	193
Grand Total	640	2493	396	0	3529	3865	3877	411	0	8153	2183	2305	3876	0	8364	290	3554	2000	0	5844	25890
Apprch %	18.1	70.6	11.2	0		47.4	47.6	5	0		26.1	27.6	46.3	0		5	60.8	34.2	0		
Total %	2.5	9.6	1.5	0	13.6	14.9	15	1.6	0	31.5	8.4	8.9	15	0	32.3	1.1	13.7	7.7	0	22.6	

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:00																					
17:00	23	68	6	0	97	50	87	10	0	147	50	43	96	0	189	5	92	31	0	128	561
17:15	20	53	8	0	81	71	96	10	0	177	40	30	90	0	160	1	92	25	0	118	536
17:30	32	49	7	0	88	64	73	5	0	142	32	46	81	0	159	5	84	30	0	119	508
17:45	15	56	12	0	83	65	84	4	0	153	40	34	82	0	156	4	93	39	0	136	528
Total Volume	90	226	33	0	349	250	340	29	0	619	162	153	349	0	664	15	361	125	0	501	2133
% App. Total	25.8	64.8	9.5	0		40.4	54.9	4.7	0		24.4	23	52.6	0		3	72.1	25	0		
PHF	.703	.831	.688	.000	.899	.880	.885	.725	.000	.874	.810	.832	.909	.000	.878	.750	.970	.801	.000	.921	.951

Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	17:00					06:45					18:15					16:15				
+0 mins.	23	⁶⁸	6	0	⁹⁷	102	100	³	0	205	⁵⁹	50	79	0	188	6	86	37	0	129
+15 mins.	20	53	8	0	81	104	124	0	0	228	43	39	91	0	173	6	84	23	0	113
+30 mins.	32	49	7	0	88	79	119	0	0	198	37	48	80	0	165	13	99	33	0	145
+45 mins.	15	56	12	0	83	60	134	0	0	194	40	48	92	0	180	5	92	31	0	128
Total Volume	90	226	33	0	349	345	477	3	0	825	179	185	342	0	706	30	361	124	0	515
% App. Total	25.8	64.8	9.5	0		41.8	57.8	0.4	0		25.4	26.2	48.4	0		5.8	70.1	24.1	0	
PHF	.703	.831	.688	.000	.899	.829	.890	.250	.000	.905	.758	.925	.929	.000	.939	.577	.912	.838	.000	.888

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

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Groups Printed- Heavy Vehicles

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
00:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
01:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
01:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	1	0	0	0	1	4
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
03:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
04:00	1	0	0	0	1	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	3
04:15	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	2
04:30	0	1	0	0	1	0	0	2	0	2	0	1	0	0	1	0	0	0	0	0	4
04:45	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	1	0	1	3
Total	1	1	0	0	2	1	1	6	0	8	0	1	0	0	1	0	0	1	0	1	12
05:00	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:15	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	0	1	0	0	1	5
05:30	1	1	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
05:45	0	0	0	0	0	0	1	0	0	1	0	1	1	0	2	0	2	1	0	3	6
Total	1	1	0	0	2	0	6	1	0	7	0	1	1	0	2	0	3	1	0	4	15
06:00	0	0	1	0	1	4	1	0	0	5	0	2	0	0	2	0	1	2	0	3	11
06:15	0	4	0	0	4	4	2	0	0	6	0	1	0	0	1	0	2	1	0	3	14
06:30	2	1	0	0	3	3	4	0	0	7	0	1	1	0	2	0	2	1	0	3	15
06:45	2	3	1	0	6	2	5	0	0	7	1	1	1	0	3	0	5	2	0	7	23
Total	4	8	2	0	14	13	12	0	0	25	1	5	2	0	8	0	10	6	0	16	63
07:00	1	4	1	0	6	1	1	0	0	2	1	1	3	0	5	0	3	2	0	5	18
07:15	1	6	0	0	7	0	3	0	0	3	2	1	2	0	5	0	3	2	0	5	20
07:30	0	1	1	0	2	3	5	0	0	8	1	2	2	0	5	2	7	1	0	10	25
07:45	3	5	1	0	9	1	10	0	0	11	4	0	6	0	10	0	8	2	0	10	40
Total	5	16	3	0	24	5	19	0	0	24	8	4	13	0	25	2	21	7	0	30	103
08:00	1	9	0	0	10	4	6	0	0	10	2	4	3	0	9	1	5	1	0	7	36
08:15	3	3	0	0	6	3	3	1	0	7	1	5	5	0	11	0	6	0	0	6	30
08:30	1	2	0	0	3	5	4	0	0	9	0	2	9	0	11	0	4	3	0	7	30
08:45	1	4	0	0	5	1	3	1	0	5	2	3	13	0	18	0	3	2	0	5	33
Total	6	18	0	0	24	13	16	2	0	31	5	14	30	0	49	1	18	6	0	25	129
09:00	1	6	1	0	8	2	4	0	0	6	0	2	7	0	9	0	3	1	0	4	27
09:15	2	5	0	0	7	1	1	0	0	2	1	1	1	0	3	1	7	2	0	10	22
09:30	0	2	0	0	2	1	5	1	0	7	1	1	2	0	4	0	6	0	0	6	19
09:45	1	3	0	0	4	1	2	1	0	4	1	4	1	0	6	0	5	0	0	5	19
Total	4	16	1	0	21	5	12	2	0	19	3	8	11	0	22	1	21	3	0	25	87

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

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Groups Printed- Heavy Vehicles

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
10:00	3	3	0	0	6	1	5	1	0	7	1	3	1	0	5	1	1	0	0	2	20
10:15	7	1	1	0	9	3	3	0	0	6	2	3	0	0	5	0	0	0	0	0	20
10:30	1	7	0	0	8	1	1	1	0	3	2	1	3	0	6	0	4	0	0	4	21
10:45	1	2	0	0	3	2	6	2	0	10	1	2	1	0	4	0	3	1	0	4	21
Total	12	13	1	0	26	7	15	4	0	26	6	9	5	0	20	1	8	1	0	10	82
11:00	6	4	0	0	10	1	5	4	0	10	0	4	0	0	4	1	3	2	0	6	30
11:15	2	1	0	0	3	0	5	1	0	6	0	2	0	0	2	1	1	2	0	4	15
11:30	2	1	0	0	3	2	4	3	0	9	0	2	1	0	3	0	6	0	0	6	21
11:45	2	2	0	0	4	1	4	1	0	6	1	6	0	0	7	0	2	0	0	2	19
Total	12	8	0	0	20	4	18	9	0	31	1	14	1	0	16	2	12	4	0	18	85
12:00	0	2	0	0	2	0	2	0	0	2	1	5	1	0	7	0	2	0	0	2	13
12:15	4	7	1	0	12	1	3	1	0	5	0	2	3	0	5	0	2	1	0	3	25
12:30	3	3	0	0	6	0	8	0	0	8	2	1	0	0	3	0	5	0	0	5	22
12:45	1	1	0	0	2	1	3	1	0	5	1	1	2	0	4	1	0	0	0	1	12
Total	8	13	1	0	22	2	16	2	0	20	4	9	6	0	19	1	9	1	0	11	72
13:00	0	0	1	0	1	1	6	4	0	11	3	2	1	0	6	1	0	0	0	1	19
13:15	4	3	0	0	7	0	3	3	0	6	2	7	0	0	9	0	4	1	0	5	27
13:30	1	2	0	0	3	1	1	3	0	5	0	2	1	0	3	1	2	2	0	5	16
13:45	1	1	0	0	2	1	1	1	0	3	2	1	0	0	3	2	4	1	0	7	15
Total	6	6	1	0	13	3	11	11	0	25	7	12	2	0	21	4	10	4	0	18	77
14:00	1	9	0	0	10	3	3	0	0	6	0	0	0	0	0	0	3	0	0	3	19
14:15	2	0	1	0	3	1	11	1	0	13	1	3	3	0	7	0	2	4	0	6	29
14:30	0	1	0	0	1	5	16	1	0	22	1	2	0	0	3	0	4	1	0	5	31
14:45	1	0	0	0	1	4	2	2	0	8	1	0	2	0	3	0	1	0	0	1	13
Total	4	10	1	0	15	13	32	4	0	49	3	5	5	0	13	0	10	5	0	15	92
15:00	2	1	1	0	4	4	2	1	0	7	1	3	2	0	6	1	1	1	0	3	20
15:15	0	3	0	0	3	1	1	0	0	2	0	1	4	0	5	0	4	1	0	5	15
15:30	3	4	0	0	7	2	1	0	0	3	0	1	2	0	3	0	2	1	0	3	16
15:45	1	0	0	0	1	1	6	0	0	7	2	0	0	0	2	0	4	0	0	4	14
Total	6	8	1	0	15	8	10	1	0	19	3	5	8	0	16	1	11	3	0	15	65
16:00	2	1	1	0	4	4	4	1	0	9	1	1	0	0	2	0	4	1	0	5	20
16:15	2	2	0	0	4	0	1	1	0	2	0	2	7	0	9	0	1	1	0	2	17
16:30	1	0	1	0	2	0	4	0	0	4	0	1	1	0	2	0	1	0	0	1	9
16:45	0	1	2	0	3	4	5	4	0	13	1	0	5	0	6	0	0	0	0	0	22
Total	5	4	4	0	13	8	14	6	0	28	2	4	13	0	19	0	6	2	0	8	68
17:00	1	3	1	0	5	1	4	0	0	5	0	1	4	0	5	0	0	0	0	0	15
17:15	1	2	0	0	3	0	2	1	0	3	0	0	6	0	6	0	1	0	0	1	13
17:30	0	1	0	0	1	1	2	0	0	3	0	2	8	0	10	0	1	0	0	1	15
17:45	1	0	0	0	1	0	2	0	0	2	0	0	1	0	1	0	1	0	0	1	5
Total	3	6	1	0	10	2	10	1	0	13	0	3	19	0	22	0	3	0	0	3	48
18:00	0	1	0	0	1	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	3
18:15	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
18:30	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
18:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	2
Total	0	2	0	0	2	0	1	1	0	2	0	3	1	0	4	0	1	0	0	1	9
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2
19:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:45	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	2
Total	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	2	1	0	4	5

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626
512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

Page No : 10

Groups Printed- Heavy Vehicles

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
20:00	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
20:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	2
20:30	0	1	0	0	1	0	1	0	0	1	1	1	0	0	2	0	1	0	0	1	5
20:45	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	1	0	2	0	2	0	0	2	1	2	0	0	3	0	2	0	0	2	9
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
21:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21:45	0	1	0	0	1	0	1	0	0	1	0	0	1	0	1	0	0	1	0	1	4
Total	0	2	0	0	2	0	1	1	0	2	0	0	1	0	1	0	0	1	0	1	6
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:15	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
23:00	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Grand Total	77	139	17	0	233	84	198	53	0	335	44	102	118	0	264	15	147	46	0	208	1040
Apprch %	33	59.7	7.3	0		25.1	59.1	15.8	0		16.7	38.6	44.7	0		7.2	70.7	22.1	0		
Total %	7.4	13.4	1.6	0	22.4	8.1	19	5.1	0	32.2	4.2	9.8	11.3	0	25.4	1.4	14.1	4.4	0	20	

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:45																					
07:45	3	5	1	0	9	1	10	0	0	11	4	0	6	0	10	0	8	2	0	10	40
08:00	1	9	0	0	10	4	6	0	0	10	2	4	3	0	9	1	5	1	0	7	36
08:15	3	3	0	0	6	3	3	1	0	7	1	5	5	0	11	0	6	0	0	6	30
08:30	1	2	0	0	3	5	4	0	0	9	0	2	9	0	11	0	4	3	0	7	30
Total Volume	8	19	1	0	28	13	23	1	0	37	7	11	23	0	41	1	23	6	0	30	136
% App. Total	28.6	67.9	3.6	0		35.1	62.2	2.7	0		17.1	26.8	56.1	0		3.3	76.7	20	0		
PHF	.667	.528	.250	.000	.700	.650	.575	.250	.000	.841	.438	.550	.639	.000	.932	.250	.719	.500	.000	.750	.850

Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	10:15					14:15					08:00					07:30				
+0 mins.	7	1	1	0	9	1	11	1	0	13	2	4	3	0	9	2	7	1	0	10
+15 mins.	1	7	0	0	8	5	16	1	0	22	1	5	5	0	11	0	8	2	0	10
+30 mins.	1	2	0	0	3	4	2	2	0	8	0	2	9	0	11	1	5	1	0	7
+45 mins.	6	4	0	0	10	4	2	1	0	7	2	3	13	0	18	0	6	0	0	6
Total Volume	15	14	1	0	30	14	31	5	0	50	5	14	30	0	49	3	26	4	0	33
% App. Total	50	46.7	3.3	0		28	62	10	0		10.2	28.6	61.2	0		9.1	78.8	12.1	0	
PHF	.536	.500	.250	.000	.750	.700	.484	.625	.000	.568	.625	.700	.577	.000	.681	.375	.813	.500	.000	.825

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

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Groups Printed- Pedestrians

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

Page No : 12

Groups Printed- Pedestrians

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 2 - Ed Schmidt Blvd & Limmer Loop

Site Code : 2

Start Date : 4/13/2023

Page No : 13

Groups Printed- Pedestrians

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Apprch %	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0
Total %	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100	0

	Ed Schmidt Blvd Southbound					Limmer Loop Westbound					Ed Schmidt Blvd Northbound					Limmer Loop Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:30																					
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.250

Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	00:00					00:00					00:00					09:30					
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.250

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

Page No : 1

Groups Printed- Vehicles - Heavy Vehicles

Start Time	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					Int. Total
	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	
00:00	0	7	0	0	7	1	0	2	0	3	0	15	1	0	16	0	0	0	0	0	26
00:15	0	6	0	0	6	1	1	1	0	3	0	10	0	0	10	0	0	0	0	0	19
00:30	0	5	0	0	5	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	10
00:45	0	4	0	0	4	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	12
Total	0	22	0	0	22	2	1	3	0	6	0	38	1	0	39	0	0	0	0	0	67
01:00	0	5	0	0	5	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	17
01:15	0	3	0	0	3	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	9
01:30	0	1	0	0	1	1	0	0	0	1	0	8	1	0	9	0	0	0	0	0	11
01:45	0	5	0	0	5	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	9
Total	0	14	0	0	14	1	0	0	0	1	0	29	2	0	31	0	0	0	0	0	46
02:00	0	4	0	0	4	1	0	0	0	1	0	7	0	0	7	0	0	0	0	0	12
02:15	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	7
02:30	0	2	0	0	2	0	0	0	0	0	0	8	1	0	9	0	0	0	0	0	11
02:45	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	11
Total	0	14	0	0	14	1	0	0	0	1	0	25	1	0	26	0	0	0	0	0	41
03:00	0	4	0	0	4	2	0	0	0	2	0	6	0	0	6	0	0	0	0	0	12
03:15	0	10	0	0	10	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	16
03:30	0	9	0	0	9	0	0	1	0	1	0	4	0	0	4	0	0	0	0	0	14
03:45	0	13	0	0	13	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	19
Total	0	36	0	0	36	4	0	1	0	5	0	20	0	0	20	0	0	0	0	0	61
04:00	0	15	1	0	16	0	0	0	0	0	0	6	0	0	6	0	0	1	0	1	23
04:15	1	11	0	0	12	0	0	1	0	1	0	7	1	0	8	0	0	0	0	0	21
04:30	0	19	2	0	21	0	0	1	0	1	0	11	1	0	12	0	0	0	0	0	34
04:45	0	28	1	0	29	0	0	0	0	0	1	13	0	0	14	0	0	0	0	0	43
Total	1	73	4	0	78	0	0	2	0	2	1	37	2	0	40	0	0	1	0	1	121
05:00	0	45	0	0	45	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	55
05:15	1	55	1	0	57	0	0	0	0	0	1	25	0	0	26	0	0	1	0	1	84
05:30	1	61	2	0	64	0	1	0	0	1	1	35	4	0	40	0	0	0	0	0	105
05:45	3	51	3	0	57	1	1	0	0	2	0	50	3	0	53	0	0	1	0	1	113
Total	5	212	6	0	223	1	2	0	0	3	2	120	7	0	129	0	0	2	0	2	357
06:00	1	97	2	0	100	3	1	2	0	6	0	47	7	0	54	1	0	3	0	4	164
06:15	8	127	1	0	136	1	0	1	0	2	0	53	6	0	59	2	0	3	0	5	202
06:30	9	162	2	0	173	10	1	5	0	16	1	79	8	0	88	0	3	0	0	3	280
06:45	10	175	2	0	187	7	1	10	0	18	0	111	20	0	131	3	2	0	0	5	341
Total	28	561	7	0	596	21	3	18	0	42	1	290	41	0	332	6	5	6	0	17	987
07:00	19	183	1	0	203	10	1	11	0	22	0	137	10	0	147	1	0	1	0	2	374
07:15	14	175	6	0	195	9	0	20	0	29	1	104	23	0	128	4	2	2	0	8	360
07:30	22	144	4	0	170	10	0	9	0	19	1	131	19	0	151	2	2	3	0	7	347
07:45	28	166	5	0	199	5	5	18	0	28	1	112	28	0	141	3	1	3	0	7	375
Total	83	668	16	0	767	34	6	58	0	98	3	484	80	0	567	10	5	9	0	24	1456
08:00	21	111	19	0	151	11	4	25	0	40	3	106	23	0	132	1	2	3	0	6	329
08:15	37	124	13	0	174	12	1	22	0	35	3	104	29	0	136	3	3	4	0	10	355
08:30	32	147	15	0	194	17	3	21	0	41	3	101	29	0	133	2	3	8	0	13	381
08:45	17	131	8	0	156	14	4	26	0	44	1	107	37	0	145	5	5	2	0	12	357
Total	107	513	55	0	675	54	12	94	0	160	10	418	118	0	546	11	13	17	0	41	1422
09:00	17	117	12	0	146	26	2	18	0	46	1	103	35	0	139	0	3	4	0	7	338
09:15	33	112	3	0	148	20	4	17	0	41	3	84	33	0	120	4	4	12	0	20	329

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

Page No : 2

Groups Printed- Vehicles - Heavy Vehicles

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
09:30	26	100	10	0	136	15	5	16	0	36	3	68	45	0	116	4	3	5	0	12	300
09:45	37	105	13	0	155	14	5	18	0	37	4	96	35	0	135	4	2	6	0	12	339
Total	113	434	38	0	585	75	16	69	0	160	11	351	148	0	510	12	12	27	0	51	1306
10:00	17	86	7	0	110	15	5	26	0	46	1	72	32	0	105	13	7	9	0	29	290
10:15	25	93	16	0	134	19	4	17	0	40	2	74	39	0	115	7	8	9	0	24	313
10:30	26	112	9	0	147	12	5	25	0	42	2	79	49	0	130	3	2	13	0	18	337
10:45	25	102	10	0	137	14	7	28	0	49	3	90	40	0	133	5	4	6	0	15	334
Total	93	393	42	0	528	60	21	96	0	177	8	315	160	0	483	28	21	37	0	86	1274
11:00	45	116	5	0	166	15	4	32	0	51	6	87	52	0	145	5	7	9	0	21	383
11:15	40	98	10	0	148	22	7	43	0	72	5	100	59	0	164	5	3	9	0	17	401
11:30	38	86	8	0	132	20	8	28	0	56	2	112	70	0	184	7	5	6	0	18	390
11:45	46	99	7	0	152	17	7	32	0	56	3	101	76	0	180	5	0	4	0	9	397
Total	169	399	30	0	598	74	26	135	0	235	16	400	257	0	673	22	15	28	0	65	1571
12:00	54	116	5	0	175	23	2	45	0	70	1	115	82	0	198	8	6	10	0	24	467
12:15	45	129	5	0	179	28	5	40	0	73	10	101	73	0	184	1	3	18	0	22	458
12:30	30	110	7	0	147	25	6	35	0	66	10	124	67	0	201	7	5	24	0	36	450
12:45	37	100	9	0	146	27	4	28	0	59	12	114	77	0	203	2	6	10	0	18	426
Total	166	455	26	0	647	103	17	148	0	268	33	454	299	0	786	18	20	62	0	100	1801
13:00	34	105	15	0	154	24	3	34	0	61	15	103	64	0	182	1	6	15	0	22	419
13:15	37	97	12	0	146	27	2	41	0	70	4	111	73	0	188	4	4	9	0	17	421
13:30	24	109	8	0	141	30	8	41	0	79	3	102	54	0	159	5	1	10	0	16	395
13:45	35	89	7	0	131	20	6	31	0	57	2	119	49	0	170	2	5	10	0	17	375
Total	130	400	42	0	572	101	19	147	0	267	24	435	240	0	699	12	16	44	0	72	1610
14:00	27	108	9	0	144	20	5	31	0	56	2	104	49	0	155	2	6	9	0	17	372
14:15	22	110	8	0	140	15	3	31	0	49	4	98	66	0	168	6	10	15	0	31	388
14:30	25	100	11	0	136	34	3	28	0	65	2	109	80	0	191	7	2	11	0	20	412
14:45	23	134	6	0	163	15	5	22	0	42	3	122	79	0	204	8	5	7	0	20	429
Total	97	452	34	0	583	84	16	112	0	212	11	433	274	0	718	23	23	42	0	88	1601
15:00	29	104	11	0	144	22	1	27	0	50	3	117	65	0	185	6	3	11	0	20	399
15:15	29	139	11	0	179	32	3	17	0	52	3	110	49	0	162	4	7	9	0	20	413
15:30	27	131	5	0	163	17	4	30	0	51	1	116	40	0	157	8	8	11	0	27	398
15:45	25	122	12	0	159	20	9	28	0	57	1	126	54	0	181	3	6	4	0	13	410
Total	110	496	39	0	645	91	17	102	0	210	8	469	208	0	685	21	24	35	0	80	1620
16:00	29	115	5	0	149	23	3	21	0	47	11	129	51	0	191	3	5	11	0	19	406
16:15	32	118	15	0	165	14	6	20	0	40	2	151	59	1	213	2	2	13	0	17	435
16:30	30	145	9	0	184	21	3	32	0	56	2	128	61	0	191	6	3	8	0	17	448
16:45	24	122	7	0	153	21	6	33	0	60	2	160	61	0	223	3	3	12	0	18	454
Total	115	500	36	0	651	79	18	106	0	203	17	568	232	1	818	14	13	44	0	71	1743
17:00	48	136	14	0	198	10	4	39	0	53	8	153	50	0	211	3	5	14	0	22	484
17:15	30	128	10	0	168	14	5	34	0	53	2	149	52	0	203	7	7	8	0	22	446
17:30	39	149	3	0	191	17	6	28	0	51	14	151	80	0	245	5	2	9	0	16	503
17:45	51	115	17	0	183	21	7	42	0	70	8	149	55	0	212	3	3	12	0	18	483
Total	168	528	44	0	740	62	22	143	0	227	32	602	237	0	871	18	17	43	0	78	1916
18:00	29	130	15	1	175	4	16	42	0	62	10	163	71	0	244	6	2	10	0	18	499
18:15	45	125	16	0	186	16	8	34	0	58	3	131	52	0	186	3	4	15	0	22	452
18:30	35	118	18	0	171	19	5	27	0	51	5	157	62	0	224	3	5	14	0	22	468
18:45	38	106	11	0	155	12	2	40	0	54	2	135	70	0	207	3	6	12	0	21	437
Total	147	479	60	1	687	51	31	143	0	225	20	586	255	0	861	15	17	51	0	83	1856
19:00	34	122	6	0	162	18	2	38	0	58	2	150	85	1	238	4	4	13	0	21	479

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

Page No : 3

Groups Printed- Vehicles - Heavy Vehicles

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
19:15	34	95	3	0	132	27	2	36	0	65	0	119	69	0	188	3	7	7	0	17	402
19:30	32	102	4	0	138	25	3	40	0	68	4	124	71	0	199	4	5	9	0	18	423
19:45	34	109	2	0	145	20	0	33	0	53	5	117	58	0	180	3	6	8	0	17	395
Total	134	428	15	0	577	90	7	147	0	244	11	510	283	1	805	14	22	37	0	73	1699
20:00	24	82	8	0	114	23	1	48	0	72	1	107	55	0	163	4	2	9	0	15	364
20:15	28	88	2	0	118	23	2	36	0	61	0	100	57	0	157	3	7	13	0	23	359
20:30	27	83	4	0	114	31	1	25	0	57	1	88	42	0	131	3	2	5	0	10	312
20:45	15	68	3	1	87	17	3	23	0	43	1	77	44	0	122	1	1	8	0	10	262
Total	94	321	17	1	433	94	7	132	0	233	3	372	198	0	573	11	12	35	0	58	1297
21:00	21	68	1	0	90	17	3	16	0	36	1	77	44	0	122	5	2	5	0	12	260
21:15	11	66	1	0	78	18	1	19	0	38	0	58	33	0	91	0	1	4	0	5	212
21:30	14	66	0	0	80	25	0	15	0	40	0	70	37	0	107	1	3	3	0	7	234
21:45	11	43	0	0	54	25	0	10	0	35	0	58	16	0	74	1	0	1	0	2	165
Total	57	243	2	0	302	85	4	60	0	149	1	263	130	0	394	7	6	13	0	26	871
22:00	6	34	0	0	40	18	0	12	0	30	0	66	18	0	84	0	1	1	0	2	156
22:15	7	23	0	0	30	7	1	5	0	13	0	45	12	0	57	0	0	0	0	0	100
22:30	2	19	0	0	21	10	0	6	0	16	0	37	8	0	45	0	2	1	0	3	85
22:45	6	18	0	0	24	5	1	4	0	10	0	36	4	0	40	0	0	0	0	0	74
Total	21	94	0	0	115	40	2	27	0	69	0	184	42	0	226	0	3	2	0	5	415
23:00	1	25	0	0	26	2	0	4	0	6	0	31	4	0	35	1	0	1	0	2	69
23:15	2	8	1	0	11	2	0	4	0	6	0	28	5	0	33	1	0	0	0	1	51
23:30	1	11	0	0	12	3	0	1	0	4	0	19	3	0	22	0	0	0	0	0	38
23:45	0	7	0	0	7	2	0	0	0	2	0	17	1	0	18	0	0	0	0	0	27
Total	4	51	1	0	56	9	0	9	0	18	0	95	13	0	108	2	0	1	0	3	185
Grand Total	1842	7786	514	2	10144	1216	247	1752	0	3215	212	7498	3228	2	10940	244	244	536	0	1024	25323
Apprch %	18.2	76.8	5.1	0		37.8	7.7	54.5	0		1.9	68.5	29.5	0		23.8	23.8	52.3	0		
Total %	7.3	30.7	2	0	40.1	4.8	1	6.9	0	12.7	0.8	29.6	12.7	0	43.2	1	1	2.1	0	4	
Vehicles	1830	7523	514	2	9869	1199	246	1744	0	3189	208	7219	3207	2	10636	244	241	534	0	1019	24713
% Vehicles	99.3	96.6	100	100	97.3	98.6	99.6	99.5	0	99.2	98.1	96.3	99.3	100	97.2	100	98.8	99.6	0	99.5	97.6
Heavy Vehicles	12	263	0	0	275	17	1	8	0	26	4	279	21	0	304	0	3	2	0	5	610
% Heavy Vehicles	0.7	3.4	0	0	2.7	1.4	0.4	0.5	0	0.8	1.9	3.7	0.7	0	2.8	0	1.2	0.4	0	0.5	2.4

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:30																					
17:30	39	149	3	0	191	17	6	28	0	51	14	151	80	0	245	5	2	9	0	16	503
17:45	51	115	17	0	183	21	7	42	0	70	8	149	55	0	212	3	3	12	0	18	483
18:00	29	130	15	1	175	4	16	42	0	62	10	163	71	0	244	6	2	10	0	18	499
18:15	45	125	16	0	186	16	8	34	0	58	3	131	52	0	186	3	4	15	0	22	452
Total Volume	164	519	51	1	735	58	37	146	0	241	35	594	258	0	887	17	11	46	0	74	1937
% App. Total	22.3	70.6	6.9	0.1		24.1	15.4	60.6	0		3.9	67	29.1	0		23	14.9	62.2	0		
PHF	.804	.871	.750	.250	.962	.690	.578	.869	.000	.861	.625	.911	.806	.000	.905	.708	.688	.767	.000	.841	.963
Vehicles	164	513	51	1	729	57	37	146	0	240	35	582	258	0	875	17	11	46	0	74	1918
% Vehicles																					
Heavy Vehicles	0	6	0	0	6	1	0	0	0	1	0	12	0	0	12	0	0	0	0	0	19
% Heavy Vehicles	0	1.2	0	0	0.8	1.7	0	0	0	0.4	0	2.0	0	0	1.4	0	0	0	0	0	1.0

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

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	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total

Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	07:00					12:45					17:15					12:00				
+0 mins.	19	183	1	0	203	27	4	28	0	59	2	149	52	0	203	8	6	10	0	24
+15 mins.	14	175	6	0	195	24	3	34	0	61	14	151	80	0	245	1	3	18	0	22
+30 mins.	22	144	4	0	170	27	2	41	0	70	8	149	55	0	212	7	5	24	0	36
+45 mins.	28	166	5	0	199	30	8	41	0	79	10	163	71	0	244	2	6	10	0	18
Total Volume	83	668	16	0	767	108	17	144	0	269	34	612	258	0	904	18	20	62	0	100
% App. Total	10.8	87.1	2.1	0		40.1	6.3	53.5	0		3.8	67.7	28.5	0		18	20	62	0	
PHF	.741	.913	.667	.000	.945	.900	.531	.878	.000	.851	.607	.939	.806	.000	.922	.563	.833	.646	.000	.694
Vehicles	79	634	16	0	729	107	17	144	0	268	34	596	258	0	888	18	20	62	0	100
% Vehicles																				
Heavy Vehicles	4	34	0	0	38	1	0	0	0	1	0	16	0	0	16	0	0	0	0	0
% Heavy Vehicles	4.8	5.1	0	0	5	0.9	0	0	0	0.4	0	2.6	0	0	1.8	0	0	0	0	0

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

Page No : 5

Groups Printed- Vehicles

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
00:00	0	7	0	0	7	0	0	2	0	2	0	15	1	0	16	0	0	0	0	0	25
00:15	0	5	0	0	5	1	1	1	0	3	0	10	0	0	10	0	0	0	0	0	18
00:30	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	9
00:45	0	4	0	0	4	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	11
Total	0	20	0	0	20	1	1	3	0	5	0	37	1	0	38	0	0	0	0	0	63
01:00	0	5	0	0	5	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	16
01:15	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	7
01:30	0	1	0	0	1	1	0	0	0	1	0	8	1	0	9	0	0	0	0	0	11
01:45	0	5	0	0	5	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	8
Total	0	13	0	0	13	1	0	0	0	1	0	27	1	0	28	0	0	0	0	0	42
02:00	0	4	0	0	4	1	0	0	0	1	0	6	0	0	6	0	0	0	0	0	11
02:15	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	7
02:30	0	2	0	0	2	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	10
02:45	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	11
Total	0	14	0	0	14	1	0	0	0	1	0	24	0	0	24	0	0	0	0	0	39
03:00	0	4	0	0	4	1	0	0	0	1	0	6	0	0	6	0	0	0	0	0	11
03:15	0	10	0	0	10	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	15
03:30	0	8	0	0	8	0	0	1	0	1	0	4	0	0	4	0	0	0	0	0	13
03:45	0	12	0	0	12	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	18
Total	0	34	0	0	34	2	0	1	0	3	0	20	0	0	20	0	0	0	0	0	57
04:00	0	15	1	0	16	0	0	0	0	0	0	5	0	0	5	0	0	1	0	1	22
04:15	1	11	0	0	12	0	0	1	0	1	0	7	1	0	8	0	0	0	0	0	21
04:30	0	18	2	0	20	0	0	1	0	1	0	10	0	0	10	0	0	0	0	0	31
04:45	0	27	1	0	28	0	0	0	0	0	1	13	0	0	14	0	0	0	0	0	42
Total	1	71	4	0	76	0	0	2	0	2	1	35	1	0	37	0	0	1	0	1	116
05:00	0	45	0	0	45	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	55
05:15	1	55	1	0	57	0	0	0	0	0	1	25	0	0	26	0	0	1	0	1	84
05:30	1	60	2	0	63	0	1	0	0	1	1	33	4	0	38	0	0	0	0	0	102
05:45	3	51	3	0	57	1	1	0	0	2	0	48	3	0	51	0	0	1	0	1	111
Total	5	211	6	0	222	1	2	0	0	3	2	116	7	0	125	0	0	2	0	2	352
06:00	1	93	2	0	96	3	1	2	0	6	0	47	7	0	54	1	0	3	0	4	160
06:15	8	124	1	0	133	1	0	1	0	2	0	52	6	0	58	2	0	3	0	5	198
06:30	9	152	2	0	163	10	1	5	0	16	1	77	8	0	86	0	3	0	0	3	268
06:45	10	170	2	0	182	7	1	10	0	18	0	107	20	0	127	3	0	0	0	3	330
Total	28	539	7	0	574	21	3	18	0	42	1	283	41	0	325	6	3	6	0	15	956
07:00	16	174	1	0	191	10	1	11	0	22	0	131	9	0	140	1	0	1	0	2	355
07:15	14	163	6	0	183	9	0	20	0	29	1	98	23	0	122	4	2	2	0	8	342
07:30	22	140	4	0	166	10	0	9	0	19	1	124	19	0	144	2	2	3	0	7	336
07:45	27	157	5	0	189	5	5	17	0	27	1	106	28	0	135	3	1	3	0	7	358
Total	79	634	16	0	729	34	6	57	0	97	3	459	79	0	541	10	5	9	0	24	1391
08:00	21	100	19	0	140	10	4	23	0	37	3	95	23	0	121	1	2	3	0	6	304
08:15	37	119	13	0	169	11	1	22	0	34	3	93	29	0	125	3	3	4	0	10	338
08:30	30	141	15	0	186	16	3	21	0	40	3	89	28	0	120	2	3	8	0	13	359
08:45	17	124	8	0	149	14	4	26	0	44	1	89	37	0	127	5	5	2	0	12	332
Total	105	484	55	0	644	51	12	92	0	155	10	366	117	0	493	11	13	17	0	41	1333
09:00	16	111	12	0	139	24	2	18	0	44	1	97	35	0	133	0	3	4	0	7	323
09:15	32	102	3	0	137	19	4	17	0	40	3	79	33	0	115	4	4	12	0	20	312
09:30	26	95	10	0	131	15	5	16	0	36	3	62	45	0	110	4	3	5	0	12	289
09:45	37	100	13	0	150	14	5	18	0	37	3	93	35	0	131	4	2	6	0	12	330
Total	111	408	38	0	557	72	16	69	0	157	10	331	148	0	489	12	12	27	0	51	1254

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

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Groups Printed- Vehicles

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
10:00	17	81	7	0	105	15	5	26	0	46	1	64	31	0	96	13	7	9	0	29	276
10:15	24	87	16	0	127	19	4	16	0	39	2	70	39	0	111	7	8	9	0	24	301
10:30	25	104	9	0	138	12	5	25	0	42	2	72	48	0	122	3	2	13	0	18	320
10:45	25	97	10	0	132	14	7	28	0	49	3	85	39	0	127	5	4	6	0	15	323
Total	91	369	42	0	502	60	21	95	0	176	8	291	157	0	456	28	21	37	0	86	1220
11:00	45	109	5	0	159	15	4	31	0	50	6	84	51	0	141	5	7	9	0	21	371
11:15	40	95	10	0	145	22	7	43	0	72	5	97	58	0	160	5	3	9	0	17	394
11:30	38	85	8	0	131	20	8	28	0	56	2	105	70	0	177	7	5	6	0	18	382
11:45	45	97	7	0	149	16	7	32	0	55	3	98	75	0	176	5	0	4	0	9	389
Total	168	386	30	0	584	73	26	134	0	233	16	384	254	0	654	22	15	28	0	65	1536
12:00	54	113	5	0	172	23	2	45	0	70	1	104	82	0	187	8	6	10	0	24	453
12:15	45	119	5	0	169	28	5	40	0	73	10	96	72	0	178	1	3	18	0	22	442
12:30	29	108	7	0	144	25	6	33	0	64	9	116	67	0	192	7	5	24	0	36	436
12:45	37	98	9	0	144	27	4	28	0	59	11	110	77	0	198	2	6	10	0	18	419
Total	165	438	26	0	629	103	17	146	0	266	31	426	298	0	755	18	20	62	0	100	1750
13:00	34	103	15	0	152	24	3	34	0	61	14	94	64	0	172	1	6	15	0	22	407
13:15	37	91	12	0	140	26	2	41	0	69	4	107	72	0	183	4	4	8	0	16	408
13:30	24	106	8	0	138	30	8	41	0	79	3	100	54	0	157	5	1	10	0	16	390
13:45	35	85	7	0	127	20	6	31	0	57	2	117	49	0	168	2	5	10	0	17	369
Total	130	385	42	0	557	100	19	147	0	266	23	418	239	0	680	12	16	43	0	71	1574
14:00	27	96	9	0	132	18	5	31	0	54	2	102	49	0	153	2	6	9	0	17	356
14:15	22	106	8	0	136	15	3	31	0	49	4	93	66	0	163	6	10	15	0	31	379
14:30	25	93	11	0	129	34	3	28	0	65	2	105	79	0	186	7	2	11	0	20	400
14:45	23	131	6	0	160	15	5	22	0	42	3	118	79	0	200	8	5	7	0	20	422
Total	97	426	34	0	557	82	16	112	0	210	11	418	273	0	702	23	23	42	0	88	1557
15:00	29	100	11	0	140	22	1	27	0	50	3	114	65	0	182	6	3	11	0	20	392
15:15	29	135	11	0	175	32	3	17	0	52	3	108	48	0	159	4	7	9	0	20	406
15:30	27	127	5	0	159	17	4	30	0	51	1	114	40	0	155	8	7	11	0	26	391
15:45	25	120	12	0	157	20	9	28	0	57	1	124	54	0	179	3	6	4	0	13	406
Total	110	482	39	0	631	91	17	102	0	210	8	460	207	0	675	21	23	35	0	79	1595
16:00	29	109	5	0	143	23	3	21	0	47	11	124	49	0	184	3	5	10	0	18	392
16:15	32	115	15	0	162	14	6	20	0	40	2	145	59	1	207	2	2	13	0	17	426
16:30	30	144	9	0	183	20	3	32	0	55	2	124	61	0	187	6	3	8	0	17	442
16:45	24	117	7	0	148	21	6	33	0	60	2	157	61	0	220	3	3	12	0	18	446
Total	115	485	36	0	636	78	18	106	0	202	17	550	230	1	798	14	13	43	0	70	1706
17:00	48	133	14	0	195	10	4	39	0	53	8	148	50	0	206	3	5	14	0	22	476
17:15	30	126	10	0	166	14	5	34	0	53	2	141	52	0	195	7	7	8	0	22	436
17:30	39	145	3	0	187	17	6	28	0	51	14	145	80	0	239	5	2	9	0	16	493
17:45	51	115	17	0	183	20	7	42	0	69	8	148	55	0	211	3	3	12	0	18	481
Total	168	519	44	0	731	61	22	143	0	226	32	582	237	0	851	18	17	43	0	78	1886
18:00	29	129	15	1	174	4	16	42	0	62	10	162	71	0	243	6	2	10	0	18	497
18:15	45	124	16	0	185	16	8	34	0	58	3	127	52	0	182	3	4	15	0	22	447
18:30	35	118	18	0	171	19	5	27	0	51	5	156	62	0	223	3	5	14	0	22	467
18:45	38	106	11	0	155	12	1	40	0	53	2	135	70	0	207	3	6	12	0	21	436
Total	147	477	60	1	685	51	30	143	0	224	20	580	255	0	855	15	17	51	0	83	1847
19:00	34	122	6	0	162	18	2	38	0	58	2	149	84	1	236	4	4	13	0	21	477
19:15	34	94	3	0	131	27	2	36	0	65	0	119	69	0	188	3	7	7	0	17	401
19:30	32	102	4	0	138	25	3	40	0	68	4	124	71	0	199	4	5	9	0	18	423
19:45	34	108	2	0	144	20	0	33	0	53	5	116	58	0	179	3	6	8	0	17	393
Total	134	426	15	0	575	90	7	147	0	244	11	508	282	1	802	14	22	37	0	73	1694

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

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Groups Printed- Vehicles

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
20:00	24	82	8	0	114	23	1	48	0	72	1	107	54	0	162	4	2	9	0	15	363
20:15	28	88	2	0	118	23	2	36	0	61	0	98	57	0	155	3	7	13	0	23	357
20:30	27	82	4	0	113	31	1	24	0	56	1	87	42	0	130	3	2	5	0	10	309
20:45	15	68	3	1	87	17	3	23	0	43	1	75	44	0	120	1	1	8	0	10	260
Total	94	320	17	1	432	94	7	131	0	232	3	367	197	0	567	11	12	35	0	58	1289
21:00	21	68	1	0	90	17	3	16	0	36	1	77	44	0	122	5	2	5	0	12	260
21:15	11	66	1	0	78	18	1	19	0	38	0	58	33	0	91	0	1	4	0	5	212
21:30	14	65	0	0	79	25	0	15	0	40	0	70	37	0	107	1	3	3	0	7	233
21:45	11	41	0	0	52	25	0	10	0	35	0	57	16	0	73	1	0	1	0	2	162
Total	57	240	2	0	299	85	4	60	0	149	1	262	130	0	393	7	6	13	0	26	867
22:00	6	34	0	0	40	17	0	12	0	29	0	65	16	0	81	0	1	1	0	2	152
22:15	7	23	0	0	30	6	1	5	0	12	0	45	12	0	57	0	0	0	0	0	99
22:30	2	18	0	0	20	10	0	6	0	16	0	37	8	0	45	0	2	1	0	3	84
22:45	6	18	0	0	24	5	1	4	0	10	0	35	4	0	39	0	0	0	0	0	73
Total	21	93	0	0	114	38	2	27	0	67	0	182	40	0	222	0	3	2	0	5	408
23:00	1	23	0	0	24	2	0	4	0	6	0	30	4	0	34	1	0	1	0	2	66
23:15	2	8	1	0	11	2	0	4	0	6	0	28	5	0	33	1	0	0	0	1	51
23:30	1	11	0	0	12	3	0	1	0	4	0	18	3	0	21	0	0	0	0	0	37
23:45	0	7	0	0	7	2	0	0	0	2	0	17	1	0	18	0	0	0	0	0	27
Total	4	49	1	0	54	9	0	9	0	18	0	93	13	0	106	2	0	1	0	3	181
Grand Total	1830	7523	514	2	9869	1199	246	1744	0	3189	208	7219	3207	2	10636	244	241	534	0	1019	24713
Apprch %	18.5	76.2	5.2	0		37.6	7.7	54.7	0		2	67.9	30.2	0		23.9	23.7	52.4	0		
Total %	7.4	30.4	2.1	0	39.9	4.9	1	7.1	0	12.9	0.8	29.2	13	0	43	1	1	2.2	0	4.1	

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 17:30																					
17:30	39	145	3	0	187	17	6	28	0	51	14	145	80	0	239	5	2	9	0	16	493
17:45	51	115	17	0	183	20	7	42	0	69	8	148	55	0	211	3	3	12	0	18	481
18:00	29	129	15	1	174	4	16	42	0	62	10	162	71	0	243	6	2	10	0	18	497
18:15	45	124	16	0	185	16	8	34	0	58	3	127	52	0	182	3	4	15	0	22	447
Total Volume	164	513	51	1	729	57	37	146	0	240	35	582	258	0	875	17	11	46	0	74	1918
% App. Total	22.5	70.4	7	0.1		23.8	15.4	60.8	0		4	66.5	29.5	0		23	14.9	62.2	0		
PHF	.804	.884	.750	.250	.975	.713	.578	.869	.000	.870	.625	.898	.806	.000	.900	.708	.688	.767	.000	.841	.965

Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	17:00					12:45					17:15					12:00				
+0 mins.	48	133	14	0	195	27	4	28	0	59	2	141	52	0	195	8	6	10	0	24
+15 mins.	30	126	10	0	166	24	3	34	0	61	14	145	80	0	239	1	3	18	0	22
+30 mins.	39	145	3	0	187	26	2	41	0	69	8	148	55	0	211	7	5	24	0	36
+45 mins.	51	115	17	0	183	30	8	41	0	79	10	162	71	0	243	2	6	10	0	18
Total Volume	168	519	44	0	731	107	17	144	0	268	34	596	258	0	888	18	20	62	0	100
% App. Total	23	71	6	0		39.9	6.3	53.7	0		3.8	67.1	29.1	0		18	20	62	0	
PHF	.824	.895	.647	.000	.937	.892	.531	.878	.000	.848	.607	.920	.806	.000	.914	.563	.833	.646	.000	.694

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

Page No : 8

Groups Printed- Heavy Vehicles

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
00:00	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
00:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
00:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
00:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	2	0	0	2	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	4
01:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
01:15	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Total	0	1	0	0	1	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	4
02:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	2
03:00	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:15	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	0	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	4
04:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	1	0	0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	3
04:45	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	0	2	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	5
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
05:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Total	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	5
06:00	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
06:15	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
06:30	0	10	0	0	10	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	12
06:45	0	5	0	0	5	0	0	0	0	0	0	4	0	0	4	0	2	0	0	2	11
Total	0	22	0	0	22	0	0	0	0	0	0	7	0	0	7	0	2	0	0	2	31
07:00	3	9	0	0	12	0	0	0	0	0	0	6	1	0	7	0	0	0	0	0	19
07:15	0	12	0	0	12	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	18
07:30	0	4	0	0	4	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	11
07:45	1	9	0	0	10	0	0	1	0	1	0	6	0	0	6	0	0	0	0	0	17
Total	4	34	0	0	38	0	0	1	0	1	0	25	1	0	26	0	0	0	0	0	65
08:00	0	11	0	0	11	1	0	2	0	3	0	11	0	0	11	0	0	0	0	0	25
08:15	0	5	0	0	5	1	0	0	0	1	0	11	0	0	11	0	0	0	0	0	17
08:30	2	6	0	0	8	1	0	0	0	1	0	12	1	0	13	0	0	0	0	0	22
08:45	0	7	0	0	7	0	0	0	0	0	0	18	0	0	18	0	0	0	0	0	25
Total	2	29	0	0	31	3	0	2	0	5	0	52	1	0	53	0	0	0	0	0	89
09:00	1	6	0	0	7	2	0	0	0	2	0	6	0	0	6	0	0	0	0	0	15
09:15	1	10	0	0	11	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	17
09:30	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	11
09:45	0	5	0	0	5	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	9
Total	2	26	0	0	28	3	0	0	0	3	1	20	0	0	21	0	0	0	0	0	52

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

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Groups Printed- Heavy Vehicles

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
10:00	0	5	0	0	5	0	0	0	0	0	0	8	1	0	9	0	0	0	0	0	14
10:15	1	6	0	0	7	0	0	1	0	1	0	4	0	0	4	0	0	0	0	0	12
10:30	1	8	0	0	9	0	0	0	0	0	0	7	1	0	8	0	0	0	0	0	17
10:45	0	5	0	0	5	0	0	0	0	0	0	5	1	0	6	0	0	0	0	0	11
Total	2	24	0	0	26	0	0	1	0	1	0	24	3	0	27	0	0	0	0	0	54
11:00	0	7	0	0	7	0	0	1	0	1	0	3	1	0	4	0	0	0	0	0	12
11:15	0	3	0	0	3	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	7
11:30	0	1	0	0	1	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	8
11:45	1	2	0	0	3	1	0	0	0	1	0	3	1	0	4	0	0	0	0	0	8
Total	1	13	0	0	14	1	0	1	0	2	0	16	3	0	19	0	0	0	0	0	35
12:00	0	3	0	0	3	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	14
12:15	0	10	0	0	10	0	0	0	0	0	0	5	1	0	6	0	0	0	0	0	16
12:30	1	2	0	0	3	0	0	2	0	2	1	8	0	0	9	0	0	0	0	0	14
12:45	0	2	0	0	2	0	0	0	0	0	1	4	0	0	5	0	0	0	0	0	7
Total	1	17	0	0	18	0	0	2	0	2	2	28	1	0	31	0	0	0	0	0	51
13:00	0	2	0	0	2	0	0	0	0	0	1	9	0	0	10	0	0	0	0	0	12
13:15	0	6	0	0	6	1	0	0	0	1	0	4	1	0	5	0	0	1	0	1	13
13:30	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	5
13:45	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	6
Total	0	15	0	0	15	1	0	0	0	1	1	17	1	0	19	0	0	1	0	1	36
14:00	0	12	0	0	12	2	0	0	0	2	0	2	0	0	2	0	0	0	0	0	16
14:15	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	9
14:30	0	7	0	0	7	0	0	0	0	0	0	4	1	0	5	0	0	0	0	0	12
14:45	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	7
Total	0	26	0	0	26	2	0	0	0	2	0	15	1	0	16	0	0	0	0	0	44
15:00	0	4	0	0	4	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	7
15:15	0	4	0	0	4	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	7
15:30	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	1	0	0	1	7
15:45	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
Total	0	14	0	0	14	0	0	0	0	0	0	9	1	0	10	0	1	0	0	1	25
16:00	0	6	0	0	6	0	0	0	0	0	0	5	2	0	7	0	0	1	0	1	14
16:15	0	3	0	0	3	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	9
16:30	0	1	0	0	1	1	0	0	0	1	0	4	0	0	4	0	0	0	0	0	6
16:45	0	5	0	0	5	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	8
Total	0	15	0	0	15	1	0	0	0	1	0	18	2	0	20	0	0	1	0	1	37
17:00	0	3	0	0	3	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	8
17:15	0	2	0	0	2	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	10
17:30	0	4	0	0	4	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	10
17:45	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	2
Total	0	9	0	0	9	1	0	0	0	1	0	20	0	0	20	0	0	0	0	0	30
18:00	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
18:15	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	5
18:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
18:45	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	0	2	0	1	0	0	1	0	6	0	0	6	0	0	0	0	0	9
19:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	2
19:15	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:45	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	0	2	0	0	2	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	5

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

Page No : 10

Groups Printed- Heavy Vehicles

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
20:00	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
20:15	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
20:30	0	1	0	0	1	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	3
20:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Total	0	1	0	0	1	0	0	1	0	1	0	5	1	0	6	0	0	0	0	0	8
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
21:45	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
Total	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
22:00	0	0	0	0	0	1	0	0	0	1	0	1	2	0	3	0	0	0	0	0	4
22:15	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
22:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
22:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	1	0	0	1	2	0	0	0	2	0	2	2	0	4	0	0	0	0	0	7
23:00	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
Grand Total	12	263	0	0	275	17	1	8	0	26	4	279	21	0	304	0	3	2	0	5	610
Apprch %	4.4	95.6	0	0		65.4	3.8	30.8	0		1.3	91.8	6.9	0		0	60	40	0		
Total %	2	43.1	0	0	45.1	2.8	0.2	1.3	0	4.3	0.7	45.7	3.4	0	49.8	0	0.5	0.3	0	0.8	

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00																					
08:00	0	11	0	0	11	1	0	2	0	3	0	11	0	0	11	0	0	0	0	0	25
08:15	0	5	0	0	5	1	0	0	0	1	0	11	0	0	11	0	0	0	0	0	17
08:30	2	6	0	0	8	1	0	0	0	1	0	12	1	0	13	0	0	0	0	0	22
08:45	0	7	0	0	7	0	0	0	0	0	0	18	0	0	18	0	0	0	0	0	25
Total Volume	2	29	0	0	31	3	0	2	0	5	0	52	1	0	53	0	0	0	0	0	89
% App. Total	6.5	93.5	0	0		60	0	40	0		0	98.1	1.9	0		0	0	0	0		
PHF	.250	.659	.000	.000	.705	.750	.000	.250	.000	.417	.000	.722	.250	.000	.736	.000	.000	.000	.000	.000	.890

Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	06:30					07:45					08:00					06:00				
+0 mins.	0	10	0	0	10	0	0	1	0	1	0	11	0	0	11	0	0	0	0	0
+15 mins.	0	5	0	0	5	1	0	2	0	3	0	11	0	0	11	0	0	0	0	0
+30 mins.	3	9	0	0	12	1	0	0	0	1	0	12	1	0	13	0	0	0	0	0
+45 mins.	0	12	0	0	12	1	0	0	0	1	0	18	0	0	18	0	2	0	0	2
Total Volume	3	36	0	0	39	3	0	3	0	6	0	52	1	0	53	0	2	0	0	2
% App. Total	7.7	92.3	0	0		50	0	50	0		0	98.1	1.9	0		0	100	0	0	
PHF	.250	.750	.000	.000	.813	.750	.000	.375	.000	.500	.000	.722	.250	.000	.736	.000	.250	.000	.000	.250

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

Page No : 11

Groups Printed- Pedestrians

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

Page No : 12

Groups Printed- Pedestrians

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	2
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	5
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

GRAM Traffic Counting, Inc.

3751 FM 1105, Bldg. A
Georgetown, Texas 78626

512-832-8650

File Name : Site 1 - Ed Schmidt Blvd & Lowe's Entrance

Site Code : 1

Start Date : 4/13/2023

Page No : 13

Groups Printed- Pedestrians

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	1	0	0	1	0	4	0	0	4	0	2	0	0	2	0	1	0	0	1	8
Apprch %	0	100	0	0		0	100	0	0		0	100	0	0		0	100	0	0		
Total %	0	12.5	0	0	12.5	0	50	0	0	50	0	25	0	0	25	0	12.5	0	0	12.5	

	Ed Schmidt Blvd Southbound					Home Depot Entrance Westbound					Ed Schmidt Blvd Northbound					Lowe's Entrance Eastbound					
Start Time	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Left	Thru	Right	U-TURN	App. Total	Int. Total
Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 15:45																					
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:00	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	2
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3
Total Volume	0	0	0	0	0	0	4	0	0	4	0	1	0	0	1	0	0	0	0	0	5
% App. Total	0	0	0	0		0	100	0	0		0	100	0	0		0	0	0	0		
PHF	.000	.000	.000	.000	.000	.000	.333	.000	.000	.333	.000	.250	.000	.000	.250	.000	.000	.000	.000	.000	.417

Peak Hour Analysis From 00:00 to 23:45 - Peak 1 of 1

Peak Hour for Each Approach Begins at:

	17:45					15:45					09:00					12:00				
+0 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+15 mins.	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
+30 mins.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
+45 mins.	0	1	0	0	1	0	3	0	0	3	0	1	0	0	1	0	1	0	0	1
Total Volume	0	1	0	0	1	0	4	0	0	4	0	1	0	0	1	0	1	0	0	1
% App. Total	0	100	0	0		0	100	0	0		0	100	0	0		0	100	0	0	
PHF	.000	.250	.000	.000	.250	.000	.333	.000	.000	.333	.000	.250	.000	.000	.250	.000	.250	.000	.000	.250

APPENDIX C

Intersection						
Int Delay, s/veh	0.5					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	25	26	500	704	0
Future Vol, veh/h	0	25	26	500	704	0
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	-	150	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	27	28	543	765	0
Major/Minor	Minor2	Major1		Major2		
Conflicting Flow All	1364	765	765	0	-	0
Stage 1	765	-	-	-	-	-
Stage 2	599	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	163	403	848	-	-	-
Stage 1	459	-	-	-	-	-
Stage 2	549	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	158	403	848	-	-	-
Mov Cap-2 Maneuver	158	-	-	-	-	-
Stage 1	444	-	-	-	-	-
Stage 2	549	-	-	-	-	-
Approach	EB	NB		SB		
HCM Control Delay, s	14.6	0.5		0		
HCM LOS	B					
Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR	
Capacity (veh/h)	848	-	403	-	-	
HCM Lane V/C Ratio	0.033	-	0.067	-	-	
HCM Control Delay (s)	9.4	-	14.6	-	-	
HCM Lane LOS	A	-	B	-	-	
HCM 95th %tile Q(veh)	0.1	-	0.2	-	-	

HCM 6th Signalized Intersection Summary

9: Ed Schmidt Blvd & Limmer Loop

06/06/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	16	288	158	325	495	1	189	133	155	53	195	84
Future Volume (veh/h)	16	288	158	325	495	1	189	133	155	53	195	84
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	1870	1870
Adj Flow Rate, veh/h	17	313	172	353	538	1	205	145	168	58	212	91
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	2	2
Cap, veh/h	275	357	196	346	765	1	339	172	199	218	276	234
Arrive On Green	0.02	0.31	0.31	0.12	0.41	0.41	0.12	0.22	0.22	0.05	0.15	0.15
Sat Flow, veh/h	1781	1135	624	1781	1866	3	1781	790	915	1781	1870	1585
Grp Volume(v), veh/h	17	0	485	353	0	539	205	0	313	58	212	91
Grp Sat Flow(s),veh/h/ln	1781	0	1758	1781	0	1870	1781	0	1706	1781	1870	1585
Q Serve(g_s), s	0.5	0.0	20.4	9.0	0.0	18.7	7.3	0.0	13.7	2.1	8.5	4.1
Cycle Q Clear(g_c), s	0.5	0.0	20.4	9.0	0.0	18.7	7.3	0.0	13.7	2.1	8.5	4.1
Prop In Lane	1.00		0.35	1.00		0.00	1.00		0.54	1.00		1.00
Lane Grp Cap(c), veh/h	275	0	553	346	0	766	339	0	370	218	276	234
V/C Ratio(X)	0.06	0.00	0.88	1.02	0.00	0.70	0.60	0.00	0.85	0.27	0.77	0.39
Avail Cap(c_a), veh/h	446	0	766	346	0	814	339	0	524	342	575	487
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	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	18.3	0.0	25.3	20.3	0.0	19.1	23.6	0.0	29.3	26.7	32.0	30.1
Incr Delay (d2), s/veh	0.1	0.0	8.6	53.7	0.0	2.6	3.0	0.0	8.7	0.6	4.5	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	0.2	0.0	8.7	8.6	0.0	7.4	3.0	0.0	5.9	0.8	3.8	1.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	18.4	0.0	33.9	74.0	0.0	21.7	26.6	0.0	38.0	27.4	36.4	31.1
LnGrp LOS	B	A	C	F	A	C	C	A	D	C	D	C
Approach Vol, veh/h		502			892			518			361	
Approach Delay, s/veh		33.4			42.4			33.5			33.6	
Approach LOS		C			D			C			C	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	15.0	30.5	15.0	17.5	7.5	38.0	9.6	22.9				
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0				
Max Green Setting (Gmax), s	9.0	34.0	9.0	24.0	9.0	34.0	9.0	24.0				
Max Q Clear Time (g_c+I1), s	11.0	22.4	9.3	10.5	2.5	20.7	4.1	15.7				
Green Ext Time (p_c), s	0.0	2.1	0.0	1.0	0.0	2.5	0.0	1.0				
Intersection Summary												
HCM 6th Ctrl Delay			37.0									
HCM 6th LOS			D									

Intersection												
Int Delay, s/veh	2.8											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕		↕	↕		↕	↕	
Traffic Vol, veh/h	10	5	9	34	6	57	3	459	79	79	634	16
Future Vol, veh/h	10	5	9	34	6	57	3	459	79	79	634	16
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	70	-	-	70	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	11	5	10	37	7	62	3	499	86	86	689	17

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	1129	1461	353	1067	1426	293	706	0	0	585	0	0
Stage 1	870	870	-	548	548	-	-	-	-	-	-	-
Stage 2	259	591	-	519	878	-	-	-	-	-	-	-
Critical Hdwy	7.54	6.54	6.94	7.54	6.54	6.94	4.14	-	-	4.14	-	-
Critical Hdwy Stg 1	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Cap-1 Maneuver	159	128	643	176	134	703	888	-	-	986	-	-
Stage 1	313	367	-	488	515	-	-	-	-	-	-	-
Stage 2	723	493	-	508	364	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	130	116	643	156	122	703	888	-	-	986	-	-
Mov Cap-2 Maneuver	130	116	-	156	122	-	-	-	-	-	-	-
Stage 1	312	335	-	487	513	-	-	-	-	-	-	-
Stage 2	649	492	-	449	332	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	28.5		25.5		0.1		1	
HCM LOS	D		D					

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR
Capacity (veh/h)	888	-	-	179	279	986	-
HCM Lane V/C Ratio	0.004	-	-	0.146	0.378	0.087	-
HCM Control Delay (s)	9.1	-	-	28.5	25.5	9	-
HCM Lane LOS	A	-	-	D	D	A	-
HCM 95th %tile Q(veh)	0	-	-	0.5	1.7	0.3	-

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

05/24/2023

												
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (vph)	25	164	835	217	1	333	1337	98	1	405	360	301
Future Volume (vph)	25	164	835	217	1	333	1337	98	1	405	360	301
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Lane Util. Factor		1.00	0.95	1.00		0.97	0.95	1.00		0.95	0.95	1.00
Frt		1.00	1.00	0.85		1.00	1.00	0.85		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00		0.95	1.00	1.00		0.95	0.99	1.00
Satd. Flow (prot)		1770	3539	1583		3433	3539	1583		1681	1750	1583
Flt Permitted		0.95	1.00	1.00		0.17	1.00	1.00		0.10	0.99	1.00
Satd. Flow (perm)		1770	3539	1583		628	3539	1583		173	1750	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	27	178	908	236	1	362	1453	107	1	440	391	327
RTOR Reduction (vph)	0	0	0	171	0	0	0	74	0	0	0	241
Lane Group Flow (vph)	0	205	908	65	0	363	1453	33	0	331	501	86
Turn Type	Prot	Prot	NA	Perm	Perm	Prot	NA	Perm	Perm	Split	NA	Perm
Protected Phases	1	1	6			5	2			3	3	
Permitted Phases				6	2			2	3			3
Actuated Green, G (s)		18.0	43.0	43.0		23.0	48.0	48.0		41.0	41.0	41.0
Effective Green, g (s)		18.0	43.0	43.0		23.0	48.0	48.0		41.0	41.0	41.0
Actuated g/C Ratio		0.12	0.28	0.28		0.15	0.31	0.31		0.26	0.26	0.26
Clearance Time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Vehicle Extension (s)		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)		205	979	438		92	1093	488		45	461	417
v/s Ratio Prot		0.12	0.26				c0.41				0.29	
v/s Ratio Perm				0.04		c0.58		0.02		c1.92		0.05
v/c Ratio		1.00	0.93	0.15		3.95	1.33	0.07		7.36	1.09	0.21
Uniform Delay, d1		68.7	54.7	42.4		66.2	53.7	37.9		57.2	57.2	44.5
Progression Factor		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2		62.9	15.8	0.7		1351.3	154.6	0.3		2905.6	67.4	0.2
Delay (s)		131.6	70.5	43.1		1417.5	208.3	38.2		2962.8	124.6	44.8
Level of Service		F	E	D		F	F	D		F	F	D
Approach Delay (s)			75.0				427.1				912.6	
Approach LOS			E				F				F	
Intersection Summary												
HCM 2000 Control Delay			388.9				HCM 2000 Level of Service			F		
HCM 2000 Volume to Capacity ratio			3.62									
Actuated Cycle Length (s)			155.4				Sum of lost time (s)			27.0		
Intersection Capacity Utilization			109.0%				ICU Level of Service			H		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

05/24/2023



Movement	SBL	SBT	SBR
Lane Configurations			
Traffic Volume (vph)	107	343	297
Future Volume (vph)	107	343	297
Ideal Flow (vphpl)	1900	1900	1900
Total Lost time (s)	7.0	7.0	7.0
Lane Util. Factor	1.00	0.95	1.00
Frt	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00
Satd. Flow (prot)	1770	3539	1583
Flt Permitted	0.95	1.00	1.00
Satd. Flow (perm)	1770	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92
Adj. Flow (vph)	116	373	323
RTOR Reduction (vph)	0	0	164
Lane Group Flow (vph)	116	373	159
Turn Type	Split	NA	Perm
Protected Phases	4	4	
Permitted Phases			4
Actuated Green, G (s)	21.4	21.4	21.4
Effective Green, g (s)	21.4	21.4	21.4
Actuated g/C Ratio	0.14	0.14	0.14
Clearance Time (s)	7.0	7.0	7.0
Vehicle Extension (s)	3.0	3.0	3.0
Lane Grp Cap (vph)	243	487	217
v/s Ratio Prot	0.07	0.11	
v/s Ratio Perm			0.10
v/c Ratio	0.48	0.77	0.73
Uniform Delay, d1	61.8	64.6	64.3
Progression Factor	1.00	1.00	1.00
Incremental Delay, d2	1.5	7.1	12.1
Delay (s)	63.3	71.7	76.3
Level of Service	E	E	E
Approach Delay (s)		72.3	
Approach LOS		E	
Intersection Summary			

Intersection						
Int Delay, s/veh	0.8					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	61	25	720	666	0
Future Vol, veh/h	0	61	25	720	666	0
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	-	150	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	66	27	783	724	0
Major/Minor	Minor2	Major1		Major2		
Conflicting Flow All	1561	724	724	0	-	0
Stage 1	724	-	-	-	-	-
Stage 2	837	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	123	426	879	-	-	-
Stage 1	480	-	-	-	-	-
Stage 2	425	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	119	426	879	-	-	-
Mov Cap-2 Maneuver	119	-	-	-	-	-
Stage 1	465	-	-	-	-	-
Stage 2	425	-	-	-	-	-
Approach	EB	NB		SB		
HCM Control Delay, s	15	0.3		0		
HCM LOS	C					
Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR	
Capacity (veh/h)	879	-	426	-	-	
HCM Lane V/C Ratio	0.031	-	0.156	-	-	
HCM Control Delay (s)	9.2	-	15	-	-	
HCM Lane LOS	A	-	C	-	-	
HCM 95th %tile Q(veh)	0.1	-	0.5	-	-	

Intersection												
Int Delay, s/veh	89.2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	17	11	46	57	37	146	35	582	258	164	513	51
Future Vol, veh/h	17	11	46	57	37	146	35	582	258	164	513	51
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	70	-	-	70	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	18	12	50	62	40	159	38	633	280	178	558	55
Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	1355	1931	307	1490	1818	457	613	0	0	913	0	0
Stage 1	942	942	-	849	849	-	-	-	-	-	-	-
Stage 2	413	989	-	641	969	-	-	-	-	-	-	-
Critical Hdwy	7.54	6.54	6.94	7.54	6.54	6.94	4.14	-	-	4.14	-	-
Critical Hdwy Stg 1	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Cap-1 Maneuver	108	65	689	86	77	551	962	-	-	742	-	-
Stage 1	283	340	-	322	375	-	-	-	-	-	-	-
Stage 2	587	323	-	430	330	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	26	47	689	~ 51	56	551	962	-	-	742	-	-
Mov Cap-2 Maneuver	26	47	-	~ 51	56	-	-	-	-	-	-	-
Stage 1	272	258	-	309	360	-	-	-	-	-	-	-
Stage 2	357	310	-	289	251	-	-	-	-	-	-	-
Approach	EB		WB		NB		SB					
HCM Control Delay, s	204.7		\$ 640.2		0.4		2.6					
HCM LOS	F		F									
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR					
Capacity (veh/h)	962	-	-	78	117	742	-	-				
HCM Lane V/C Ratio	0.04	-	-	1.031	2.23	0.24	-	-				
HCM Control Delay (s)	8.9	-	-	204.7	\$ 640.2	11.4	-	-				
HCM Lane LOS	A	-	-	F	F	B	-	-				
HCM 95th %tile Q(veh)	0.1	-	-	5.6	22.4	0.9	-	-				
Notes												
~: Volume exceeds capacity		\$: Delay exceeds 300s		+: Computation Not Defined				*: All major volume in platoon				

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

05/23/2023

												
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (vph)	20	216	1050	453	1	361	885	93	1	295	438	477
Future Volume (vph)	20	216	1050	453	1	361	885	93	1	295	438	477
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Lane Util. Factor		1.00	0.95	1.00		0.97	0.95	1.00		0.95	0.95	1.00
Frt		1.00	1.00	0.85		1.00	1.00	0.85		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00		0.95	1.00	1.00		0.95	1.00	1.00
Satd. Flow (prot)		1770	3539	1583		3433	3539	1583		1681	1762	1583
Flt Permitted		0.95	1.00	1.00		0.17	1.00	1.00		0.10	1.00	1.00
Satd. Flow (perm)		1770	3539	1583		628	3539	1583		173	1762	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	22	235	1141	492	1	392	962	101	1	321	476	518
RTOR Reduction (vph)	0	0	0	356	0	0	0	70	0	0	0	233
Lane Group Flow (vph)	0	257	1141	136	0	393	962	31	0	280	518	285
Turn Type	Prot	Prot	NA	Perm	Perm	Prot	NA	Perm	Perm	Split	NA	Perm
Protected Phases	1	1	6			5	2			3	3	
Permitted Phases				6	2			2	3			3
Actuated Green, G (s)		18.0	43.0	43.0		23.0	48.0	48.0		41.0	41.0	41.0
Effective Green, g (s)		18.0	43.0	43.0		23.0	48.0	48.0		41.0	41.0	41.0
Actuated g/C Ratio		0.12	0.28	0.28		0.15	0.31	0.31		0.26	0.26	0.26
Clearance Time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Vehicle Extension (s)		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)		204	974	436		92	1088	486		45	462	415
v/s Ratio Prot		0.15	c0.32				c0.27				0.29	
v/s Ratio Perm				0.09		c0.63		0.02		c1.62		0.18
v/c Ratio		1.26	1.17	0.31		4.27	0.88	0.06		6.22	1.12	0.69
Uniform Delay, d1		69.0	56.5	44.8		66.5	51.4	38.2		57.5	57.5	51.8
Progression Factor		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2		150.2	88.2	1.9		1497.4	10.5	0.3		2396.7	79.3	4.7
Delay (s)		219.3	144.8	46.7		1563.9	61.9	38.4		2454.3	136.9	56.4
Level of Service		F	F	D		F	E	D		F	F	E
Approach Delay (s)			129.3				465.7				598.3	
Approach LOS			F				F				F	
Intersection Summary												
HCM 2000 Control Delay			325.7				HCM 2000 Level of Service				F	
HCM 2000 Volume to Capacity ratio			3.25									
Actuated Cycle Length (s)			156.1				Sum of lost time (s)			27.0		
Intersection Capacity Utilization			102.3%				ICU Level of Service			G		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

05/23/2023



Movement	SBL	SBT	SBR
Lane Configurations			
Traffic Volume (vph)	133	395	167
Future Volume (vph)	133	395	167
Ideal Flow (vphpl)	1900	1900	1900
Total Lost time (s)	7.0	7.0	7.0
Lane Util. Factor	1.00	0.95	1.00
Frt	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00
Satd. Flow (prot)	1770	3539	1583
Flt Permitted	0.95	1.00	1.00
Satd. Flow (perm)	1770	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92
Adj. Flow (vph)	145	429	182
RTOR Reduction (vph)	0	0	101
Lane Group Flow (vph)	145	429	81
Turn Type	Split	NA	Perm
Protected Phases	4	4	
Permitted Phases			4
Actuated Green, G (s)	22.1	22.1	22.1
Effective Green, g (s)	22.1	22.1	22.1
Actuated g/C Ratio	0.14	0.14	0.14
Clearance Time (s)	7.0	7.0	7.0
Vehicle Extension (s)	3.0	3.0	3.0
Lane Grp Cap (vph)	250	501	224
v/s Ratio Prot	0.08	0.12	
v/s Ratio Perm			0.05
v/c Ratio	0.58	0.86	0.36
Uniform Delay, d1	62.7	65.4	60.6
Progression Factor	1.00	1.00	1.00
Incremental Delay, d2	3.2	13.5	1.0
Delay (s)	65.9	78.9	61.6
Level of Service	E	E	E
Approach Delay (s)		72.3	
Approach LOS		E	
Intersection Summary			

HCM 6th Signalized Intersection Summary

9: Ed Schmidt Blvd & Limmer Loop

06/06/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	15	361	125	250	340	29	162	153	349	90	226	33
Future Volume (veh/h)	15	361	125	250	340	29	162	153	349	90	226	33
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	1870	1870
Adj Flow Rate, veh/h	16	392	136	272	370	32	176	166	379	98	246	36
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	2	2
Cap, veh/h	325	371	129	307	665	58	388	147	335	167	466	395
Arrive On Green	0.02	0.28	0.28	0.13	0.39	0.39	0.09	0.29	0.29	0.05	0.25	0.25
Sat Flow, veh/h	1781	1327	460	1781	1697	147	1781	506	1156	1781	1870	1585
Grp Volume(v), veh/h	16	0	528	272	0	402	176	0	545	98	246	36
Grp Sat Flow(s),veh/h/ln	1781	0	1787	1781	0	1844	1781	0	1662	1781	1870	1585
Q Serve(g_s), s	0.6	0.0	27.0	10.4	0.0	16.4	7.0	0.0	28.0	3.9	11.0	1.7
Cycle Q Clear(g_c), s	0.6	0.0	27.0	10.4	0.0	16.4	7.0	0.0	28.0	3.9	11.0	1.7
Prop In Lane	1.00		0.26	1.00		0.08	1.00		0.70	1.00		1.00
Lane Grp Cap(c), veh/h	325	0	499	307	0	723	388	0	482	167	466	395
V/C Ratio(X)	0.05	0.00	1.06	0.89	0.00	0.56	0.45	0.00	1.13	0.59	0.53	0.09
Avail Cap(c_a), veh/h	385	0	499	369	0	725	407	0	482	167	466	395
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	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	24.2	0.0	34.8	24.5	0.0	22.8	24.0	0.0	34.3	28.0	31.4	27.9
Incr Delay (d2), s/veh	0.1	0.0	56.2	19.3	0.0	0.9	0.8	0.0	82.3	5.3	1.1	0.1
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	0.2	0.0	18.6	5.6	0.0	6.6	2.8	0.0	21.4	1.8	4.7	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	24.3	0.0	91.0	43.8	0.0	23.8	24.8	0.0	116.6	33.3	32.5	28.0
LnGrp LOS	C	A	F	D	A	C	C	A	F	C	C	C
Approach Vol, veh/h		544			674			721			380	
Approach Delay, s/veh		89.1			31.9			94.2			32.3	
Approach LOS		F			C			F			C	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	18.6	33.0	14.9	30.1	7.7	43.9	11.0	34.0				
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0				
Max Green Setting (Gmax), s	16.0	27.0	10.0	23.0	5.0	38.0	5.0	28.0				
Max Q Clear Time (g_c+I1), s	12.4	29.0	9.0	13.0	2.6	18.4	5.9	30.0				
Green Ext Time (p_c), s	0.3	0.0	0.0	0.9	0.0	2.0	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay			64.7									
HCM 6th LOS			E									

Queues

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

06/07/2023

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	205	908	236	363	1453	107	331	501	327	116	373	323
v/c Ratio	1.00	0.93	0.39	3.90	1.33	0.19	7.36	1.08	0.50	0.48	0.77	0.85
Control Delay	130.8	70.6	6.8	1351.5	196.5	5.7	2898.9	119.3	7.1	68.7	75.7	46.6
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	130.8	70.6	6.8	1351.5	196.5	5.7	2898.9	119.3	7.1	68.7	75.7	46.6
Queue Length 50th (ft)	~217	482	0	~347	~1020	0	~651	~609	0	110	195	139
Queue Length 95th (ft)	#392	#611	68	#455	#1160	38	#869	#851	81	179	255	#296
Internal Link Dist (ft)		1539			1321			1400			273	
Turn Bay Length (ft)	900		900	850		700	1000		750	170		100
Base Capacity (vph)	204	979	608	93	1092	570	45	462	658	262	523	396
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.00	0.93	0.39	3.90	1.33	0.19	7.36	1.08	0.50	0.44	0.71	0.82

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.

Queues

9: Ed Schmidt Blvd & Limmer Loop

06/07/2023



Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT	SBR
Lane Group Flow (vph)	17	485	353	539	205	313	58	212	91
v/c Ratio	0.06	0.86	1.11	0.66	0.56	0.67	0.20	0.58	0.21
Control Delay	13.6	42.6	104.7	27.1	27.9	34.6	20.8	39.1	1.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	13.6	42.6	104.7	27.1	27.9	34.6	20.8	39.1	1.0
Queue Length 50th (ft)	5	231	~139	203	80	136	21	107	0
Queue Length 95th (ft)	17	#403	#370	#473	144	248	49	188	1
Internal Link Dist (ft)		723		1075		1186		1592	
Turn Bay Length (ft)	70		170		200		350		350
Base Capacity (vph)	368	728	318	826	366	525	331	529	567
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.05	0.67	1.11	0.65	0.56	0.60	0.18	0.40	0.16

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.

Queues

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

06/07/2023



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Group Flow (vph)	267	1141	492	396	962	101	279	521	518	146	429	182
v/c Ratio	1.32	1.18	0.62	4.30	0.89	0.18	6.20	1.13	0.81	1.17	0.83	0.55
Control Delay	225.5	139.4	7.3	1526.3	63.1	4.8	2396.4	134.6	31.9	188.1	79.3	29.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	225.5	139.4	7.3	1526.3	63.1	4.8	2396.4	134.6	31.9	188.1	79.3	29.4
Queue Length 50th (ft)	~352	~734	0	~383	497	0	~533	~650	217	~177	228	59
Queue Length 95th (ft)	#541	#874	98	#495	#592	32	#740	#896	380	#328	#306	144
Internal Link Dist (ft)		1539			1321			1400			273	
Turn Bay Length (ft)	900		900	850		700	1000		750	170		100
Base Capacity (vph)	202	969	790	92	1081	565	45	460	642	125	518	332
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	1.32	1.18	0.62	4.30	0.89	0.18	6.20	1.13	0.81	1.17	0.83	0.55

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.

Queues

9: Ed Schmidt Blvd & Limmer Loop

06/07/2023



Lane Group	EBL	EBT	WBL	WBT	NBL	NBT	SBL	SBT	SBR
Lane Group Flow (vph)	16	528	272	402	176	545	98	246	36
v/c Ratio	0.04	1.02	0.83	0.49	0.50	0.96	0.59	0.60	0.07
Control Delay	14.9	80.3	44.6	22.8	25.9	57.2	37.6	40.9	0.2
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	14.9	80.3	44.6	22.8	25.9	57.2	37.6	40.9	0.2
Queue Length 50th (ft)	5	~366	120	158	75	286	40	140	0
Queue Length 95th (ft)	16	#573	#245	294	125	#512	#83	221	0
Internal Link Dist (ft)		723		1075		1186		1592	
Turn Bay Length (ft)	70		170		200		350		350
Base Capacity (vph)	369	518	361	828	359	570	165	448	555
Starvation Cap Reductn	0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.04	1.02	0.75	0.49	0.49	0.96	0.59	0.55	0.06

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.

HCM 6th Signalized Intersection Summary

9: Ed Schmidt Blvd & Limmer Loop

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	27	422	276	455	717	1	326	186	217	74	294	118
Future Volume (veh/h)	27	422	276	455	717	1	326	186	217	74	294	118
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	1870	1870
Adj Flow Rate, veh/h	29	459	300	495	779	1	354	202	236	80	320	128
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	2	2
Cap, veh/h	224	393	257	369	986	1	271	195	228	111	297	251
Arrive On Green	0.02	0.37	0.37	0.18	0.53	0.53	0.12	0.25	0.25	0.03	0.16	0.16
Sat Flow, veh/h	1781	1056	690	1781	1868	2	1781	786	919	1781	1870	1585
Grp Volume(v), veh/h	29	0	759	495	0	780	354	0	438	80	320	128
Grp Sat Flow(s),veh/h/ln	1781	0	1746	1781	0	1870	1781	0	1705	1781	1870	1585
Q Serve(g_s), s	1.4	0.0	54.0	26.0	0.0	49.0	18.0	0.0	36.0	5.0	23.0	10.7
Cycle Q Clear(g_c), s	1.4	0.0	54.0	26.0	0.0	49.0	18.0	0.0	36.0	5.0	23.0	10.7
Prop In Lane	1.00		0.40	1.00		0.00	1.00		0.54	1.00		1.00
Lane Grp Cap(c), veh/h	224	0	650	369	0	987	271	0	423	111	297	251
V/C Ratio(X)	0.13	0.00	1.17	1.34	0.00	0.79	1.31	0.00	1.03	0.72	1.08	0.51
Avail Cap(c_a), veh/h	243	0	650	369	0	987	271	0	423	111	297	251
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	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	29.4	0.0	45.5	49.3	0.0	27.7	44.7	0.0	54.5	52.9	61.0	55.8
Incr Delay (d2), s/veh	0.3	0.0	91.2	170.8	0.0	4.4	162.4	0.0	53.0	20.2	74.8	1.7
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(95%),veh/ln	1.1	0.0	54.3	44.8	0.0	29.2	30.5	0.0	29.3	5.4	24.3	7.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	29.6	0.0	136.7	220.1	0.0	32.1	207.1	0.0	107.5	73.1	135.8	57.5
LnGrp LOS	C	A	F	F	A	C	F	A	F	E	F	E
Approach Vol, veh/h		788			1275			792			528	
Approach Delay, s/veh		132.7			105.1			152.0			107.3	
Approach LOS		F			F			F			F	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	32.0	60.0	24.0	29.0	9.4	82.6	11.0	42.0				
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0				
Max Green Setting (Gmax), s	26.0	54.0	18.0	23.0	5.0	75.0	5.0	36.0				
Max Q Clear Time (g_c+I1), s	28.0	56.0	20.0	25.0	3.4	51.0	7.0	38.0				
Green Ext Time (p_c), s	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay			122.9									
HCM 6th LOS			F									

HCM 6th Signalized Intersection Summary

9: Ed Schmidt Blvd & Limmer Loop

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	26	525	243	350	505	41	330	214	489	126	363	46
Future Volume (veh/h)	26	525	243	350	505	41	330	214	489	126	363	46
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	1870	1870
Adj Flow Rate, veh/h	28	571	264	380	549	45	359	233	532	137	395	50
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	2	2
Cap, veh/h	233	401	185	283	748	61	311	168	383	123	477	404
Arrive On Green	0.02	0.33	0.33	0.13	0.44	0.44	0.12	0.33	0.33	0.04	0.26	0.26
Sat Flow, veh/h	1781	1210	560	1781	1705	140	1781	506	1156	1781	1870	1585
Grp Volume(v), veh/h	28	0	835	380	0	594	359	0	765	137	395	50
Grp Sat Flow(s),veh/h/ln	1781	0	1770	1781	0	1845	1781	0	1662	1781	1870	1585
Q Serve(g_s), s	1.5	0.0	48.0	19.0	0.0	38.6	17.0	0.0	48.0	6.0	28.9	3.5
Cycle Q Clear(g_c), s	1.5	0.0	48.0	19.0	0.0	38.6	17.0	0.0	48.0	6.0	28.9	3.5
Prop In Lane	1.00		0.32	1.00		0.08	1.00		0.70	1.00		1.00
Lane Grp Cap(c), veh/h	233	0	586	283	0	810	311	0	550	123	477	404
V/C Ratio(X)	0.12	0.00	1.43	1.34	0.00	0.73	1.15	0.00	1.39	1.11	0.83	0.12
Avail Cap(c_a), veh/h	265	0	586	283	0	810	311	0	550	123	477	404
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	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	32.6	0.0	48.5	48.0	0.0	33.7	39.9	0.0	48.5	48.6	51.0	41.5
Incr Delay (d2), s/veh	0.2	0.0	201.2	175.9	0.0	3.5	99.4	0.0	186.6	113.8	11.5	0.1
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	0.6	0.0	53.0	19.6	0.0	17.3	16.5	0.0	47.6	5.4	14.5	1.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	32.8	0.0	249.7	223.9	0.0	37.1	139.3	0.0	235.1	162.4	62.5	41.7
LnGrp LOS	C	A	F	F	A	D	F	A	F	F	E	D
Approach Vol, veh/h	863			974			1124			582		
Approach Delay, s/veh	242.7			110.0			204.5			84.2		
Approach LOS	F			F			F			F		
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	25.0	54.0	23.0	43.0	9.4	69.6	12.0	54.0				
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0				
Max Green Setting (Gmax), s	19.0	48.0	17.0	37.0	6.0	61.0	6.0	48.0				
Max Q Clear Time (g_c+I1), s	21.0	50.0	19.0	30.9	3.5	40.6	8.0	50.0				
Green Ext Time (p_c), s	0.0	0.0	0.0	1.1	0.0	3.4	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay	168.1											
HCM 6th LOS	F											

HCM 6th TWSC
16: Ed Schmidt Blvd & Emory Farms Ave

08/15/2023

Intersection

Int Delay, s/veh 173.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	29	4	140	57	19	38	61	710	38	29	1028	52
Future Vol, veh/h	29	4	140	57	19	38	61	710	38	29	1028	52
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	-	0	-	-	150	-	-	200	-	-
Veh in Median Storage, #	-	2	-	-	2	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	32	4	152	62	21	41	66	772	41	32	1117	57

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	2166	2155	1146	2213	2163	793	1174	0	0	813	0	0
Stage 1	1210	1210	-	925	925	-	-	-	-	-	-	-
Stage 2	956	945	-	1288	1238	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	34	48	243	~ 31	47	389	595	-	-	814	-	-
Stage 1	223	255	-	323	348	-	-	-	-	-	-	-
Stage 2	310	340	-	201	248	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	~ 24	41	243	~ 10	40	389	595	-	-	814	-	-
Mov Cap-2 Maneuver	133	175	-	~ 5	146	-	-	-	-	-	-	-
Stage 1	198	245	-	287	309	-	-	-	-	-	-	-
Stage 2	230	302	-	71	238	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	43.6	\$ 3282.7	0.9	0.3
HCM LOS	E	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	595	-	-	133	240	5	250	814	-	-
HCM Lane V/C Ratio	0.111	-	-	0.237	0.652	12.391	0.248	0.039	-	-
HCM Control Delay (s)	11.8	-	-	40.3	44.6	6541.3	24.1	9.6	-	-
HCM Lane LOS	B	-	-	E	E	F	C	A	-	-
HCM 95th %tile Q(veh)	0.4	-	-	0.9	4.1	9.6	0.9	0.1	-	-

Notes

~: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

HCM 6th TWSC
16: Ed Schmidt Blvd & Emory Farms Ave

08/15/2023

Intersection												
Int Delay, s/veh	53											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	25	12	98	43	20	53	119	1028	121	66	808	63
Future Vol, veh/h	25	12	98	43	20	53	119	1028	121	66	808	63
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	-	0	-	-	150	-	-	200	-	-
Veh in Median Storage, #	-	2	-	-	2	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	27	13	107	47	22	58	129	1117	132	72	878	68

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	2537	2563	912	2557	2531	1183	946	0	0	1249	0	0
Stage 1	1056	1056	-	1441	1441	-	-	-	-	-	-	-
Stage 2	1481	1507	-	1116	1090	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	~ 18	26	332	~ 18	27	231	725	-	-	557	-	-
Stage 1	272	302	-	165	198	-	-	-	-	-	-	-
Stage 2	156	184	-	252	291	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	~ 9	19	332	~ 8	~ 19	231	725	-	-	557	-	-
Mov Cap-2 Maneuver	~ 10	72	-	~ 12	94	-	-	-	-	-	-	-
Stage 1	224	263	-	136	163	-	-	-	-	-	-	-
Stage 2	83	151	-	142	253	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	309.4	\$ 744.5	1	0.9
HCM LOS	F	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	725	-	-	10	238	12	165	557	-	-
HCM Lane V/C Ratio	0.178	-	-	2.717	0.502	3.895	0.481	0.129	-	-
HCM Control Delay (s)	11	-	-	\$ 1519.2	34	\$ 1931.1	45.5	12.4	-	-
HCM Lane LOS	B	-	-	F	D	F	E	B	-	-
HCM 95th %tile Q(veh)	0.6	-	-	4.4	2.6	6.9	2.3	0.4	-	-

Notes												
~: Volume exceeds capacity	\$: Delay exceeds 300s	+: Computation Not Defined							*: All major volume in platoon			

Intersection												
Int Delay, s/veh	2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕		↕	↕		↕	↕	
Traffic Vol, veh/h	14	7	13	38	7	64	4	665	88	88	1118	18
Future Vol, veh/h	14	7	13	38	7	64	4	665	88	88	1118	18
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	70	-	-	70	-	-
Veh in Median Storage, #	-	2	-	-	2	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	15	8	14	41	8	70	4	723	96	96	1215	20

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	1791	2244	618	1583	2206	410	1235	0	0	819	0	0
Stage 1	1417	1417	-	779	779	-	-	-	-	-	-	-
Stage 2	374	827	-	804	1427	-	-	-	-	-	-	-
Critical Hdwy	7.54	6.54	6.94	7.54	6.54	6.94	4.14	-	-	4.14	-	-
Critical Hdwy Stg 1	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Cap-1 Maneuver	51	41	432	73	44	591	560	-	-	805	-	-
Stage 1	144	201	-	355	404	-	-	-	-	-	-	-
Stage 2	619	384	-	343	199	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	39	36	432	61	39	591	560	-	-	805	-	-
Mov Cap-2 Maneuver	131	145	-	213	151	-	-	-	-	-	-	-
Stage 1	143	177	-	353	401	-	-	-	-	-	-	-
Stage 2	532	381	-	280	175	-	-	-	-	-	-	-

Approach	EB		WB		NB		SB	
HCM Control Delay, s	29.4		22.1		0.1		0.7	
HCM LOS	D		C					

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR
Capacity (veh/h)	560	-	-	184	327	805	-
HCM Lane V/C Ratio	0.008	-	-	0.201	0.362	0.119	-
HCM Control Delay (s)	11.5	-	-	29.4	22.1	10.1	-
HCM Lane LOS	B	-	-	D	C	B	-
HCM 95th %tile Q(veh)	0	-	-	0.7	1.6	0.4	-

HCM 6th TWSC
25: Ed Schmidt Blvd & Lowes

08/15/2023

Intersection												
Int Delay, s/veh	35.7											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕		↕	↕		↕	↕	
Traffic Vol, veh/h	24	15	64	64	41	164	49	887	289	184	718	57
Future Vol, veh/h	24	15	64	64	41	164	49	887	289	184	718	57
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	70	-	-	70	-	-
Veh in Median Storage, #	-	2	-	-	2	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	26	16	70	70	45	178	53	964	314	200	780	62
Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	1822	2595	421	2025	2469	639	842	0	0	1278	0	0
Stage 1	1211	1211	-	1227	1227	-	-	-	-	-	-	-
Stage 2	611	1384	-	798	1242	-	-	-	-	-	-	-
Critical Hdwy	7.54	6.54	6.94	7.54	6.54	6.94	4.14	-	-	4.14	-	-
Critical Hdwy Stg 1	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Cap-1 Maneuver	48	25	581	~ 34	~ 30	419	789	-	-	539	-	-
Stage 1	193	253	-	189	249	-	-	-	-	-	-	-
Stage 2	448	209	-	346	245	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	~ 12	~ 15	581	74	~ 18	419	789	-	-	539	-	-
Mov Cap-2 Maneuver	~ -5	~ -4	-	108	88	-	-	-	-	-	-	-
Stage 1	180	159	-	176	232	-	-	-	-	-	-	-
Stage 2	194	195	-	172	154	-	-	-	-	-	-	-
Approach	EB		WB		NB		SB					
HCM Control Delay, s			\$ 327		0.4		3					
HCM LOS	-		F									
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR				
Capacity (veh/h)	789	-	-	+	186	539	-	-				
HCM Lane V/C Ratio	0.068	-	-	-	1.572	0.371	-	-				
HCM Control Delay (s)	9.9	-	-	-	\$ 327	15.6	-	-				
HCM Lane LOS	A	-	-	-	F	C	-	-				
HCM 95th %tile Q(veh)	0.2	-	-	-	19.1	1.7	-	-				
Notes												
~: Volume exceeds capacity		\$: Delay exceeds 300s		+: Computation Not Defined				*: All major volume in platoon				

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023

												
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (vph)	35	230	1169	304	1	466	1872	137	1	567	504	421
Future Volume (vph)	35	230	1169	304	1	466	1872	137	1	567	504	421
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Lane Util. Factor		1.00	0.95	1.00		0.97	0.95	1.00		0.95	0.95	1.00
Frt		1.00	1.00	0.85		1.00	1.00	0.85		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00		0.95	1.00	1.00		0.95	0.99	1.00
Satd. Flow (prot)		1770	3539	1583		3433	3539	1583		1681	1747	1583
Flt Permitted		0.95	1.00	1.00		0.57	1.00	1.00		0.09	0.99	1.00
Satd. Flow (perm)		1770	3539	1583		2065	3539	1583		165	1747	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	38	250	1271	330	1	507	2035	149	1	616	548	458
RTOR Reduction (vph)	0	0	0	235	0	0	0	106	0	0	0	107
Lane Group Flow (vph)	0	288	1271	95	0	508	2035	43	0	420	745	351
Turn Type	Prot	Prot	NA	Perm	Perm	Prot	NA	Perm	Perm	Split	NA	Perm
Protected Phases	1	1	6			5	2			3	3	
Permitted Phases				6	2			2	3			3
Actuated Green, G (s)		7.0	33.0	33.0		7.0	33.0	33.0		43.0	43.0	43.0
Effective Green, g (s)		7.0	33.0	33.0		7.0	33.0	33.0		43.0	43.0	43.0
Actuated g/C Ratio		0.06	0.29	0.29		0.06	0.29	0.29		0.37	0.37	0.37
Clearance Time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Vehicle Extension (s)		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)		107	1015	454		125	1015	454		61	653	591
v/s Ratio Prot		0.16	0.36				c0.57				0.43	
v/s Ratio Perm				0.06		c0.25		0.03		c2.55		0.22
v/c Ratio		2.69	1.25	0.21		4.06	2.00	0.09		6.89	1.14	0.59
Uniform Delay, d1		54.0	41.0	31.1		54.0	41.0	30.0		36.0	36.0	29.0
Progression Factor		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2		787.1	121.7	1.0		1397.6	455.7	0.4		2682.4	80.9	1.6
Delay (s)		841.1	162.7	32.1		1451.6	496.7	30.5		2718.4	116.9	30.6
Level of Service		F	F	C		F	F	C		F	F	C
Approach Delay (s)			243.3				651.1				765.8	
Approach LOS			F				F				F	
Intersection Summary												
HCM 2000 Control Delay			665.7				HCM 2000 Level of Service			F		
HCM 2000 Volume to Capacity ratio			4.65									
Actuated Cycle Length (s)			115.0				Sum of lost time (s)			27.0		
Intersection Capacity Utilization			143.7%				ICU Level of Service			H		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023



Movement	SBL	SBT	SBR
Lane Configurations			
Traffic Volume (vph)	150	480	416
Future Volume (vph)	150	480	416
Ideal Flow (vphpl)	1900	1900	1900
Total Lost time (s)	7.0	7.0	7.0
Lane Util. Factor	1.00	0.95	1.00
Frt	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00
Satd. Flow (prot)	1770	3539	1583
Flt Permitted	0.95	1.00	1.00
Satd. Flow (perm)	1770	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92
Adj. Flow (vph)	163	522	452
RTOR Reduction (vph)	0	0	154
Lane Group Flow (vph)	163	522	298
Turn Type	Split	NA	Perm
Protected Phases	4	4	
Permitted Phases			4
Actuated Green, G (s)	5.0	5.0	5.0
Effective Green, g (s)	5.0	5.0	5.0
Actuated g/C Ratio	0.04	0.04	0.04
Clearance Time (s)	7.0	7.0	7.0
Vehicle Extension (s)	3.0	3.0	3.0
Lane Grp Cap (vph)	76	153	68
v/s Ratio Prot	0.09	0.15	
v/s Ratio Perm			c0.19
v/c Ratio	2.14	3.41	4.38
Uniform Delay, d1	55.0	55.0	55.0
Progression Factor	1.00	1.00	1.00
Incremental Delay, d2	556.2	1101.7	1555.6
Delay (s)	611.2	1156.7	1610.6
Level of Service	F	F	F
Approach Delay (s)		1258.9	
Approach LOS		F	
Intersection Summary			

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023

												
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (vph)	41	302	1470	634	6	505	1239	130	4	413	613	668
Future Volume (vph)	41	302	1470	634	6	505	1239	130	4	413	613	668
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Lane Util. Factor		1.00	0.95	1.00		0.97	0.95	1.00		0.95	0.95	1.00
Frt		1.00	1.00	0.85		1.00	1.00	0.85		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00		0.95	1.00	1.00		0.95	0.99	1.00
Satd. Flow (prot)		1770	3539	1583		3433	3539	1583		1681	1756	1583
Flt Permitted		0.95	1.00	1.00		0.80	1.00	1.00		0.09	0.99	1.00
Satd. Flow (perm)		1770	3539	1583		2891	3539	1583		165	1756	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	45	328	1598	689	7	549	1347	141	4	449	666	726
RTOR Reduction (vph)	0	0	0	479	0	0	0	98	0	0	0	107
Lane Group Flow (vph)	0	373	1598	210	0	556	1347	43	0	332	787	619
Turn Type	Prot	Prot	NA	Perm	Perm	Prot	NA	Perm	Perm	Split	NA	Perm
Protected Phases	1	1	6			5	2			3	3	
Permitted Phases				6	2			2	3			3
Actuated Green, G (s)		5.0	35.0	35.0		5.0	35.0	35.0		43.0	43.0	43.0
Effective Green, g (s)		5.0	35.0	35.0		5.0	35.0	35.0		43.0	43.0	43.0
Actuated g/C Ratio		0.04	0.30	0.30		0.04	0.30	0.30		0.37	0.37	0.37
Clearance Time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Vehicle Extension (s)		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)		76	1077	481		125	1077	481		61	656	591
v/s Ratio Prot		c0.21	c0.45				0.38				0.45	
v/s Ratio Perm				0.13		0.19		0.03		c2.02		0.39
v/c Ratio		4.91	1.48	0.44		4.45	1.25	0.09		5.44	1.20	1.05
Uniform Delay, d1		55.0	40.0	32.1		55.0	40.0	28.6		36.0	36.0	36.0
Progression Factor		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2		1787.8	222.7	2.9		1570.0	120.6	0.4		2034.7	104.1	50.0
Delay (s)		1842.8	262.7	34.9		1625.0	160.6	29.0		2070.7	140.1	86.0
Level of Service		F	F	C		F	F	C		F	F	F
Approach Delay (s)			425.3				549.9				466.2	
Approach LOS			F				F				F	
Intersection Summary												
HCM 2000 Control Delay			558.8				HCM 2000 Level of Service			F		
HCM 2000 Volume to Capacity ratio			3.72									
Actuated Cycle Length (s)			115.0				Sum of lost time (s)			27.0		
Intersection Capacity Utilization			134.4%				ICU Level of Service			H		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023



Movement	SBU	SBL	SBT	SBR
Lane Configurations				
Traffic Volume (vph)	1	186	553	234
Future Volume (vph)	1	186	553	234
Ideal Flow (vphpl)	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0
Lane Util. Factor		1.00	0.95	1.00
Frt		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00
Satd. Flow (prot)		1770	3539	1583
Flt Permitted		0.80	1.00	1.00
Satd. Flow (perm)		1490	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92
Adj. Flow (vph)	1	202	601	254
RTOR Reduction (vph)	0	0	0	154
Lane Group Flow (vph)	0	203	601	100
Turn Type	Perm	Split	NA	Perm
Protected Phases		4	4	
Permitted Phases	4			4
Actuated Green, G (s)		5.0	5.0	5.0
Effective Green, g (s)		5.0	5.0	5.0
Actuated g/C Ratio		0.04	0.04	0.04
Clearance Time (s)		7.0	7.0	7.0
Vehicle Extension (s)		3.0	3.0	3.0
Lane Grp Cap (vph)		64	153	68
v/s Ratio Prot		c0.17		
v/s Ratio Perm		0.14		0.06
v/c Ratio		3.17	3.93	1.47
Uniform Delay, d1		55.0	55.0	55.0
Progression Factor		1.00	1.00	1.00
Incremental Delay, d2		1016.8	1333.2	275.4
Delay (s)		1071.8	1388.2	330.4
Level of Service		F	F	F
Approach Delay (s)		1073.6		
Approach LOS		F		
Intersection Summary				

HCM 6th Signalized Intersection Summary

9: Ed Schmidt Blvd & Limmer Loop

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	33	507	331	546	860	2	391	223	260	89	353	141
Future Volume (veh/h)	33	507	331	546	860	2	391	223	260	89	353	141
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	1870	1870
Adj Flow Rate, veh/h	36	551	360	593	935	2	425	242	283	97	384	153
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	2	2
Cap, veh/h	101	379	247	357	941	2	271	206	241	123	335	284
Arrive On Green	0.03	0.36	0.36	0.17	0.50	0.50	0.12	0.26	0.26	0.04	0.18	0.18
Sat Flow, veh/h	1781	1056	690	1781	1866	4	1781	786	919	1781	1870	1585
Grp Volume(v), veh/h	36	0	911	593	0	937	425	0	525	97	384	153
Grp Sat Flow(s),veh/h/ln	1781	0	1746	1781	0	1870	1781	0	1705	1781	1870	1585
Q Serve(g_s), s	1.8	0.0	52.0	25.0	0.0	72.2	18.0	0.0	38.0	6.0	26.0	12.7
Cycle Q Clear(g_c), s	1.8	0.0	52.0	25.0	0.0	72.2	18.0	0.0	38.0	6.0	26.0	12.7
Prop In Lane	1.00		0.40	1.00		0.00	1.00		0.54	1.00		1.00
Lane Grp Cap(c), veh/h	101	0	626	357	0	943	271	0	447	123	335	284
V/C Ratio(X)	0.36	0.00	1.45	1.66	0.00	0.99	1.57	0.00	1.17	0.79	1.14	0.54
Avail Cap(c_a), veh/h	128	0	626	357	0	943	271	0	447	123	335	284
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	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	37.3	0.0	46.5	49.1	0.0	35.7	43.7	0.0	53.5	50.5	59.5	54.0
Incr Delay (d2), s/veh	2.1	0.0	213.5	310.1	0.0	27.5	273.5	0.0	100.0	27.7	94.5	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	0.8	0.0	58.6	42.9	0.0	37.6	28.3	0.0	28.1	3.8	20.7	5.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	39.4	0.0	260.0	359.2	0.0	63.2	317.2	0.0	153.5	78.2	154.0	56.1
LnGrp LOS	D	A	F	F	A	E	F	A	F	E	F	E
Approach Vol, veh/h	947			1530			950			634		
Approach Delay, s/veh	251.6			177.9			226.7			118.8		
Approach LOS	F			F			F			F		
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	31.0	58.0	24.0	32.0	9.8	79.2	12.0	44.0				
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0				
Max Green Setting (Gmax), s	25.0	52.0	18.0	26.0	6.0	71.0	6.0	38.0				
Max Q Clear Time (g_c+I1), s	27.0	54.0	20.0	28.0	3.8	74.2	8.0	40.0				
Green Ext Time (p_c), s	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay	197.3											
HCM 6th LOS	F											

HCM 6th Signalized Intersection Summary

9: Ed Schmidt Blvd & Limmer Loop

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	31	630	292	420	606	49	396	257	586	151	436	151
Future Volume (veh/h)	31	630	292	420	606	49	396	257	586	151	436	151
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	1870	1870
Adj Flow Rate, veh/h	34	685	317	457	659	53	430	279	637	164	474	164
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	2	2
Cap, veh/h	165	417	193	271	757	61	248	157	359	148	477	404
Arrive On Green	0.03	0.34	0.34	0.12	0.44	0.44	0.11	0.31	0.31	0.06	0.26	0.26
Sat Flow, veh/h	1781	1210	560	1781	1708	137	1781	506	1156	1781	1870	1585
Grp Volume(v), veh/h	34	0	1002	457	0	712	430	0	916	164	474	164
Grp Sat Flow(s),veh/h/ln	1781	0	1770	1781	0	1846	1781	0	1662	1781	1870	1585
Q Serve(g_s), s	1.8	0.0	50.0	18.0	0.0	50.7	16.0	0.0	45.0	8.0	36.7	12.5
Cycle Q Clear(g_c), s	1.8	0.0	50.0	18.0	0.0	50.7	16.0	0.0	45.0	8.0	36.7	12.5
Prop In Lane	1.00		0.32	1.00		0.07	1.00		0.70	1.00		1.00
Lane Grp Cap(c), veh/h	165	0	610	271	0	818	248	0	516	148	477	404
V/C Ratio(X)	0.21	0.00	1.64	1.69	0.00	0.87	1.73	0.00	1.78	1.11	0.99	0.41
Avail Cap(c_a), veh/h	192	0	610	271	0	818	248	0	516	148	477	404
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	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	34.1	0.0	47.5	48.1	0.0	36.6	44.2	0.0	50.0	45.3	53.9	44.9
Incr Delay (d2), s/veh	0.6	0.0	296.3	325.0	0.0	10.0	346.4	0.0	356.8	106.1	39.3	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	0.8	0.0	71.3	29.9	0.0	23.9	30.0	0.0	69.1	8.2	21.7	4.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	34.7	0.0	343.8	373.1	0.0	46.6	390.5	0.0	406.8	151.4	93.2	45.5
LnGrp LOS	C	A	F	F	A	D	F	A	F	F	F	D
Approach Vol, veh/h	1036			1169			1346			802		
Approach Delay, s/veh	333.6			174.3			401.6			95.3		
Approach LOS	F			F			F			F		
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	24.0	56.0	22.0	43.0	9.7	70.3	14.0	51.0				
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0				
Max Green Setting (Gmax), s	18.0	50.0	16.0	37.0	6.0	62.0	8.0	45.0				
Max Q Clear Time (g_c+I1), s	20.0	52.0	18.0	38.7	3.8	52.7	10.0	47.0				
Green Ext Time (p_c), s	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay	268.0											
HCM 6th LOS	F											

HCM 6th TWSC
16: Ed Schmidt Blvd & Emory Farms Ave

08/15/2023

Intersection												
Int Delay, s/veh	10.8											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	35	5	168	68	22	46	73	852	46	35	1234	62
Future Vol, veh/h	35	5	168	68	22	46	73	852	46	35	1234	62
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	-	0	-	-	150	-	-	200	-	-
Veh in Median Storage, #	-	2	-	-	2	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	38	5	183	74	24	50	79	926	50	38	1341	67

Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	2597	2585	1375	2654	2593	951	1408	0	0	976	0	0
Stage 1	1451	1451	-	1109	1109	-	-	-	-	-	-	-
Stage 2	1146	1134	-	1545	1484	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	~ 17	25	~ 178	~ 15	25	315	485	-	-	707	-	-
Stage 1	162	196	-	254	285	-	-	-	-	-	-	-
Stage 2	242	278	-	143	188	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	~ 10	20	~ 178	-	~ 20	315	485	-	-	707	-	-
Mov Cap-2 Maneuver	82	126	-	~ -63	87	-	-	-	-	-	-	-
Stage 1	136	185	-	213	239	-	-	-	-	-	-	-
Stage 2	153	233	-	-	178	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	131.3		1	0.3
HCM LOS	F	-		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR
Capacity (veh/h)	485	-	-	82	176	-	170	707	-	-
HCM Lane V/C Ratio	0.164	-	-	0.464	1.068	-	0.435	0.054	-	-
HCM Control Delay (s)	13.9	-	-	82.3	141.2	-	41.5	10.4	-	-
HCM Lane LOS	B	-	-	F	F	-	E	B	-	-
HCM 95th %tile Q(veh)	0.6	-	-	1.9	9.2	-	2	0.2	-	-

Notes												
~: Volume exceeds capacity			\$: Delay exceeds 300s			+: Computation Not Defined			*: All major volume in platoon			

HCM 6th TWSC
16: Ed Schmidt Blvd & Emory Farms Ave

08/15/2023

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	30	14	118	43	20	53	143	1234	145	79	969	76
Future Vol, veh/h	30	14	118	43	20	53	143	1234	145	79	969	76
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	0	-	-	0	-	-	150	-	-	200	-	-
Veh in Median Storage, #	-	2	-	-	2	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	33	15	128	47	22	58	155	1341	158	86	1053	83
Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	3037	3076	1095	3068	3038	1420	1136	0	0	1499	0	0
Stage 1	1267	1267	-	1730	1730	-	-	-	-	-	-	-
Stage 2	1770	1809	-	1338	1308	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	~ 8	~ 12	260	~ 7	~ 13	167	615	-	-	447	-	-
Stage 1	207	240	-	112	143	-	-	-	-	-	-	-
Stage 2	106	130	-	189	229	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	~ 1	~ 7	260	-	~ 8	167	615	-	-	447	-	-
Mov Cap-2 Maneuver	~ -38	~ 10	-	~ -3	28	-	-	-	-	-	-	-
Stage 1	155	194	-	84	107	-	-	-	-	-	-	-
Stage 2	41	97	-	71	185	-	-	-	-	-	-	-
Approach	EB		WB		NB		SB					
HCM Control Delay, s					1.2		1.1					
HCM LOS	-		-									
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	WBLn2	SBL	SBT	SBR		
Capacity (veh/h)	615	-	-	+	71	-	71	447	-	-		
HCM Lane V/C Ratio	0.253	-	-	-	2.021	-	1.118	0.192	-	-		
HCM Control Delay (s)	12.8	-	-	-	\$ 599.8	-	244	15	-	-		
HCM Lane LOS	B	-	-	-	F	-	F	B	-	-		
HCM 95th %tile Q(veh)	1	-	-	-	13.2	-	6	0.7	-	-		
Notes												
~: Volume exceeds capacity		\$: Delay exceeds 300s			+: Computation Not Defined				*: All major volume in platoon			

Intersection												
Int Delay, s/veh	71.7											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕		↵	↕↕		↵	↕↕	
Traffic Vol, veh/h	17	8	15	48	8	77	5	798	106	106	1342	22
Future Vol, veh/h	17	8	15	48	8	77	5	798	106	106	1342	22
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	70	-	-	70	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	18	9	16	52	9	84	5	867	115	115	1459	24
Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	2149	2693	742	1899	2648	491	1483	0	0	982	0	0
Stage 1	1701	1701	-	935	935	-	-	-	-	-	-	-
Stage 2	448	992	-	964	1713	-	-	-	-	-	-	-
Critical Hdwy	7.54	6.54	6.94	7.54	6.54	6.94	4.14	-	-	4.14	-	-
Critical Hdwy Stg 1	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Cap-1 Maneuver	27	21	358	~ 42	23	523	450	-	-	699	-	-
Stage 1	95	146	-	285	342	-	-	-	-	-	-	-
Stage 2	560	322	-	274	144	-	-	-	-	-	-	-
Platoon blocked, %								-	-		-	-
Mov Cap-1 Maneuver	~ 13	17	358	~ 21	19	523	450	-	-	699	-	-
Mov Cap-2 Maneuver	~ 13	17	-	~ 21	19	-	-	-	-	-	-	-
Stage 1	94	122	-	282	338	-	-	-	-	-	-	-
Stage 2	453	318	-	203	120	-	-	-	-	-	-	-
Approach	EB		WB		NB		SB					
HCM Control Delay, s\$	828.5		\$ 1118		0.1		0.8					
HCM LOS	F		F									
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR				
Capacity (veh/h)	450	-	-	22	47	699	-	-				
HCM Lane V/C Ratio	0.012	-	-	1.976	3.076	0.165	-	-				
HCM Control Delay (s)	13.1	-	-	\$ 828.5	\$ 1118	11.2	-	-				
HCM Lane LOS	B	-	-	F	F	B	-	-				
HCM 95th %tile Q(veh)	0	-	-	5.6	15.7	0.6	-	-				
Notes												
~: Volume exceeds capacity		\$: Delay exceeds 300s		+: Computation Not Defined				*: All major volume in platoon				

Intersection												
Int Delay, s/veh	1.9											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	29	18	77	77	50	196	59	1064	347	220	862	69
Future Vol, veh/h	29	18	77	77	50	196	59	1064	347	220	862	69
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	70	-	-	70	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	32	20	84	84	54	213	64	1157	377	239	937	75
Major/Minor	Minor2		Minor1		Major1		Major2					
Conflicting Flow All	2187	3115	506	2431	2964	767	1012	0	0	1534	0	0
Stage 1	1453	1453	-	1474	1474	-	-	-	-	-	-	-
Stage 2	734	1662	-	957	1490	-	-	-	-	-	-	-
Critical Hdwy	7.54	6.54	6.94	7.54	6.54	6.94	4.14	-	-	4.14	-	-
Critical Hdwy Stg 1	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Cap-1 Maneuver	~ 25	~ 11	512	~ 16	~ 14	345	681	-	-	430	-	-
Stage 1	137	194	-	133	189	-	-	-	-	-	-	-
Stage 2	378	153	-	277	186	-	-	-	-	-	-	-
Platoon blocked, %								-	-	-	-	-
Mov Cap-1 Maneuver	-	~ 4	512	-	~ 6	345	681	-	-	430	-	-
Mov Cap-2 Maneuver	-	~ 4	-	-	~ 6	-	-	-	-	-	-	-
Stage 1	124	86	-	120	171	-	-	-	-	-	-	-
Stage 2	89	139	-	~ 80	83	-	-	-	-	-	-	-
Approach	EB		WB		NB		SB					
HCM Control Delay, s					0.4		4.5					
HCM LOS	-		-									
Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR					
Capacity (veh/h)	681	-	-	-	-	430	-	-				
HCM Lane V/C Ratio	0.094	-	-	-	-	0.556	-	-				
HCM Control Delay (s)	10.8	-	-	-	-	23.4	-	-				
HCM Lane LOS	B	-	-	-	-	C	-	-				
HCM 95th %tile Q(veh)	0.3	-	-	-	-	3.3	-	-				
Notes												
~: Volume exceeds capacity \$: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon												

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023

												
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (vph)	42	276	1403	365	2	559	2246	165	2	680	605	506
Future Volume (vph)	42	276	1403	365	2	559	2246	165	2	680	605	506
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Lane Util. Factor		1.00	0.95	1.00		0.97	0.95	1.00		0.95	0.95	1.00
Frt		1.00	1.00	0.85		1.00	1.00	0.85		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00		0.95	1.00	1.00		0.95	0.99	1.00
Satd. Flow (prot)		1770	3539	1583		3433	3539	1583		1681	1744	1583
Flt Permitted		0.95	1.00	1.00		0.80	1.00	1.00		0.10	0.99	1.00
Satd. Flow (perm)		1770	3539	1583		2891	3539	1583		169	1744	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	46	300	1525	397	2	608	2441	179	2	739	658	550
RTOR Reduction (vph)	0	0	0	273	0	0	0	123	0	0	0	109
Lane Group Flow (vph)	0	346	1525	124	0	610	2441	56	0	468	931	441
Turn Type	Prot	Prot	NA	Perm	Perm	Prot	NA	Perm	Perm	Split	NA	Perm
Protected Phases	1	1	6			5	2			3	3	
Permitted Phases				6	2			2	3			3
Actuated Green, G (s)		5.0	36.0	36.0		5.0	36.0	36.0		42.0	42.0	42.0
Effective Green, g (s)		5.0	36.0	36.0		5.0	36.0	36.0		42.0	42.0	42.0
Actuated g/C Ratio		0.04	0.31	0.31		0.04	0.31	0.31		0.37	0.37	0.37
Clearance Time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Vehicle Extension (s)		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)		76	1107	495		125	1107	495		61	636	578
v/s Ratio Prot		0.20	0.43			c0.69					0.53	
v/s Ratio Perm				0.08		c0.21		0.04		c2.78		0.28
v/c Ratio		4.55	1.38	0.25		4.88	2.21	0.11		7.67	1.46	0.76
Uniform Delay, d1		55.0	39.5	29.4		55.0	39.5	28.1		36.5	36.5	32.1
Progression Factor		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2		1628.5	175.7	1.2		1763.9	545.2	0.5		3036.0	217.3	5.9
Delay (s)		1683.5	215.2	30.7		1818.9	584.7	28.6		3072.5	253.8	38.1
Level of Service		F	F	C		F	F	C		F	F	D
Approach Delay (s)			406.9				787.0				869.8	
Approach LOS			F				F				F	
Intersection Summary												
HCM 2000 Control Delay			842.9			HCM 2000 Level of Service				F		
HCM 2000 Volume to Capacity ratio			5.12									
Actuated Cycle Length (s)			115.0			Sum of lost time (s)				27.0		
Intersection Capacity Utilization			167.9%			ICU Level of Service				H		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023



Movement	SBL	SBT	SBR
Lane Configurations			
Traffic Volume (vph)	180	576	499
Future Volume (vph)	180	576	499
Ideal Flow (vphpl)	1900	1900	1900
Total Lost time (s)	7.0	7.0	7.0
Lane Util. Factor	1.00	0.95	1.00
Frt	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00
Satd. Flow (prot)	1770	3539	1583
Flt Permitted	0.95	1.00	1.00
Satd. Flow (perm)	1770	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92
Adj. Flow (vph)	196	626	542
RTOR Reduction (vph)	0	0	154
Lane Group Flow (vph)	196	626	388
Turn Type	Split	NA	Perm
Protected Phases	4	4	
Permitted Phases			4
Actuated Green, G (s)	5.0	5.0	5.0
Effective Green, g (s)	5.0	5.0	5.0
Actuated g/C Ratio	0.04	0.04	0.04
Clearance Time (s)	7.0	7.0	7.0
Vehicle Extension (s)	3.0	3.0	3.0
Lane Grp Cap (vph)	76	153	68
v/s Ratio Prot	0.11	0.18	
v/s Ratio Perm			c0.25
v/c Ratio	2.58	4.09	5.71
Uniform Delay, d1	55.0	55.0	55.0
Progression Factor	1.00	1.00	1.00
Incremental Delay, d2	747.3	1406.6	2149.3
Delay (s)	802.3	1461.6	2204.3
Level of Service	F	F	F
Approach Delay (s)		1662.0	
Approach LOS		F	
Intersection Summary			

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023

												
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (vph)	49	363	1764	761	7	606	1487	156	5	496	736	801
Future Volume (vph)	49	363	1764	761	7	606	1487	156	5	496	736	801
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Lane Util. Factor		1.00	0.95	1.00		0.97	0.95	1.00		0.95	0.95	1.00
Frt		1.00	1.00	0.85		1.00	1.00	0.85		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00		0.95	1.00	1.00		0.95	0.99	1.00
Satd. Flow (prot)		1770	3539	1583		3433	3539	1583		1681	1752	1583
Flt Permitted		0.95	1.00	1.00		0.80	1.00	1.00		0.09	0.99	1.00
Satd. Flow (perm)		1770	3539	1583		2891	3539	1583		165	1752	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	53	395	1917	827	8	659	1616	170	5	539	800	871
RTOR Reduction (vph)	0	0	0	575	0	0	0	112	0	0	0	107
Lane Group Flow (vph)	0	448	1917	252	0	667	1616	58	0	345	999	764
Turn Type	Prot	Prot	NA	Perm	Perm	Prot	NA	Perm	Perm	Split	NA	Perm
Protected Phases	1	1	6			5	2			3	3	
Permitted Phases				6	2			2	3			3
Actuated Green, G (s)		5.0	35.0	35.0		5.0	35.0	35.0		43.0	43.0	43.0
Effective Green, g (s)		5.0	35.0	35.0		5.0	35.0	35.0		43.0	43.0	43.0
Actuated g/C Ratio		0.04	0.30	0.30		0.04	0.30	0.30		0.37	0.37	0.37
Clearance Time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Vehicle Extension (s)		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)		76	1077	481		125	1077	481		61	655	591
v/s Ratio Prot		c0.25	c0.54				0.46				0.57	
v/s Ratio Perm				0.16		0.23		0.04		c2.10		0.48
v/c Ratio		5.89	1.78	0.52		5.34	1.50	0.12		5.66	1.53	1.29
Uniform Delay, d1		55.0	40.0	33.1		55.0	40.0	28.9		36.0	36.0	36.0
Progression Factor		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2		2230.8	354.7	4.0		1968.8	230.1	0.5		2130.3	244.1	144.0
Delay (s)		2285.8	394.7	37.1		2023.8	270.1	29.4		2166.3	280.1	180.0
Level of Service		F	F	D		F	F	C		F	F	F
Approach Delay (s)			567.5				730.3				534.5	
Approach LOS			F				F				F	
Intersection Summary												
HCM 2000 Control Delay			720.0			HCM 2000 Level of Service				F		
HCM 2000 Volume to Capacity ratio			4.04									
Actuated Cycle Length (s)			115.0			Sum of lost time (s)				27.0		
Intersection Capacity Utilization			156.7%			ICU Level of Service				H		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023



Movement	SBU	SBL	SBT	SBR
Lane Configurations				
Traffic Volume (vph)	2	223	664	281
Future Volume (vph)	2	223	664	281
Ideal Flow (vphpl)	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0
Lane Util. Factor		1.00	0.95	1.00
Frt		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00
Satd. Flow (prot)		1770	3539	1583
Flt Permitted		0.80	1.00	1.00
Satd. Flow (perm)		1490	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92
Adj. Flow (vph)	2	242	722	305
RTOR Reduction (vph)	0	0	0	154
Lane Group Flow (vph)	0	244	722	151
Turn Type	Perm	Split	NA	Perm
Protected Phases		4	4	
Permitted Phases	4			4
Actuated Green, G (s)		5.0	5.0	5.0
Effective Green, g (s)		5.0	5.0	5.0
Actuated g/C Ratio		0.04	0.04	0.04
Clearance Time (s)		7.0	7.0	7.0
Vehicle Extension (s)		3.0	3.0	3.0
Lane Grp Cap (vph)		64	153	68
v/s Ratio Prot		c0.20		
v/s Ratio Perm		0.16		0.10
v/c Ratio		3.81	4.72	2.22
Uniform Delay, d1		55.0	55.0	55.0
Progression Factor		1.00	1.00	1.00
Incremental Delay, d2		1302.7	1688.3	593.8
Delay (s)		1357.7	1743.3	648.8
Level of Service		F	F	F
Approach Delay (s)		1406.6		
Approach LOS		F		
Intersection Summary				

HCM 6th Signalized Intersection Summary 9: Ed Schmidt Blvd & Limmer Loop

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	27	422	276	455	717	1	326	186	217	74	294	118
Future Volume (veh/h)	27	422	276	455	717	1	326	186	217	74	294	118
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	1870	1870
Adj Flow Rate, veh/h	29	459	300	495	779	1	354	202	236	80	320	128
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	2	2
Cap, veh/h	285	896	399	868	1293	2	721	724	323	348	522	233
Arrive On Green	0.03	0.25	0.25	0.13	0.35	0.35	0.11	0.20	0.20	0.06	0.15	0.15
Sat Flow, veh/h	1781	3554	1585	3456	3642	5	3456	3554	1585	1781	3554	1585
Grp Volume(v), veh/h	29	459	300	495	380	400	354	202	236	80	320	128
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1728	1777	1870	1728	1777	1585	1781	1777	1585
Q Serve(g_s), s	0.8	7.5	11.9	6.6	11.9	11.9	5.7	3.3	9.5	2.5	5.7	5.1
Cycle Q Clear(g_c), s	0.8	7.5	11.9	6.6	11.9	11.9	5.7	3.3	9.5	2.5	5.7	5.1
Prop In Lane	1.00		1.00	1.00		0.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	285	896	399	868	631	664	721	724	323	348	522	233
V/C Ratio(X)	0.10	0.51	0.75	0.57	0.60	0.60	0.49	0.28	0.73	0.23	0.61	0.55
Avail Cap(c_a), veh/h	361	1515	676	964	914	962	733	1358	606	377	1202	536
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	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	18.0	21.9	23.5	14.6	18.0	18.0	21.0	22.9	25.3	22.5	27.2	26.9
Incr Delay (d2), s/veh	0.2	0.5	2.9	0.7	0.9	0.9	0.5	0.2	3.2	0.3	1.2	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	0.3	2.8	4.1	2.2	4.2	4.4	2.1	1.2	3.4	1.0	2.2	1.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	18.1	22.3	26.3	15.3	18.9	18.9	21.5	23.1	28.5	22.9	28.4	28.9
LnGrp LOS	B	C	C	B	B	B	C	C	C	C	C	C
Approach Vol, veh/h	788			1275			792			528		
Approach Delay, s/veh	23.7			17.5			24.0			27.7		
Approach LOS	C			B			C			C		
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	15.1	23.1	13.8	16.0	8.1	30.1	9.9	19.9				
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0				
Max Green Setting (Gmax), s	11.0	29.0	8.0	23.0	5.0	35.0	5.0	26.0				
Max Q Clear Time (g_c+I1), s	8.6	13.9	7.7	7.7	2.8	13.9	4.5	11.5				
Green Ext Time (p_c), s	0.5	3.3	0.0	1.9	0.0	4.2	0.0	1.6				
Intersection Summary												
HCM 6th Ctrl Delay	22.0											
HCM 6th LOS	C											

HCM 6th Signalized Intersection Summary

9: Ed Schmidt Blvd & Limmer Loop

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	26	525	243	350	505	41	330	214	489	126	363	46
Future Volume (veh/h)	26	525	243	350	505	41	330	214	489	126	363	46
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	1870	1870
Adj Flow Rate, veh/h	28	571	264	380	549	45	359	233	532	137	395	50
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	2	2
Cap, veh/h	270	797	355	631	999	82	851	1150	513	387	1065	475
Arrive On Green	0.03	0.22	0.22	0.10	0.30	0.30	0.08	0.32	0.32	0.06	0.30	0.30
Sat Flow, veh/h	1781	3554	1585	3456	3326	272	3456	3554	1585	1781	3554	1585
Grp Volume(v), veh/h	28	571	264	380	293	301	359	233	532	137	395	50
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1728	1777	1821	1728	1777	1585	1781	1777	1585
Q Serve(g_s), s	1.0	12.4	12.9	6.7	11.5	11.6	6.0	4.0	27.0	4.5	7.3	1.9
Cycle Q Clear(g_c), s	1.0	12.4	12.9	6.7	11.5	11.6	6.0	4.0	27.0	4.5	7.3	1.9
Prop In Lane	1.00		1.00	1.00		0.15	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	270	797	355	631	533	547	851	1150	513	387	1065	475
V/C Ratio(X)	0.10	0.72	0.74	0.60	0.55	0.55	0.42	0.20	1.04	0.35	0.37	0.11
Avail Cap(c_a), veh/h	326	1278	570	642	724	742	851	1150	513	387	1065	475
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	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	23.8	29.9	30.1	21.4	24.5	24.5	18.1	20.4	28.2	18.6	23.0	21.1
Incr Delay (d2), s/veh	0.2	1.2	3.1	1.5	0.9	0.9	0.3	0.1	49.7	0.5	0.2	0.1
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	0.4	5.0	4.8	2.5	4.5	4.6	2.1	1.5	16.1	1.7	2.7	0.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	24.0	31.1	33.2	22.9	25.3	25.3	18.4	20.5	77.9	19.1	23.2	21.2
LnGrp LOS	C	C	C	C	C	C	B	C	F	B	C	C
Approach Vol, veh/h	863				974				1124			
Approach Delay, s/veh	31.5				24.4				47.0			
Approach LOS	C				C				D			
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	14.7	24.7	13.0	31.0	8.4	31.0	11.0	33.0				
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0				
Max Green Setting (Gmax), s	9.0	30.0	7.0	25.0	5.0	34.0	5.0	27.0				
Max Q Clear Time (g_c+I1), s	8.7	14.9	8.0	9.3	3.0	13.6	6.5	29.0				
Green Ext Time (p_c), s	0.1	3.8	0.0	2.0	0.0	3.0	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay	32.9											
HCM 6th LOS	C											

HCM 6th Signalized Intersection Summary 16: Ed Schmidt Blvd & Emory Farms Ave/Live Oak

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	29	4	140	57	19	38	61	710	38	29	1028	52
Future Volume (veh/h)	29	4	140	57	19	38	61	710	38	29	1028	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	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870	1870
Adj Flow Rate, veh/h	32	4	152	62	21	41	66	772	41	32	1117	57
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	2	2
Cap, veh/h	359	7	285	271	104	203	363	1683	89	449	1600	82
Arrive On Green	0.18	0.18	0.18	0.18	0.18	0.18	0.06	0.49	0.49	0.04	0.46	0.46
Sat Flow, veh/h	1340	41	1550	1231	566	1105	1781	3432	182	1781	3440	175
Grp Volume(v), veh/h	32	0	156	62	0	62	66	400	413	32	577	597
Grp Sat Flow(s),veh/h/ln	1340	0	1591	1231	0	1671	1781	1777	1838	1781	1777	1839
Q Serve(g_s), s	1.0	0.0	4.1	2.2	0.0	1.5	0.8	6.9	6.9	0.4	12.0	12.0
Cycle Q Clear(g_c), s	2.4	0.0	4.1	6.4	0.0	1.5	0.8	6.9	6.9	0.4	12.0	12.0
Prop In Lane	1.00		0.97	1.00		0.66	1.00		0.10	1.00		0.10
Lane Grp Cap(c), veh/h	359	0	292	271	0	307	363	871	901	449	826	855
V/C Ratio(X)	0.09	0.00	0.53	0.23	0.00	0.20	0.18	0.46	0.46	0.07	0.70	0.70
Avail Cap(c_a), veh/h	673	0	666	560	0	699	502	1582	1636	594	1544	1598
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	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	17.2	0.0	17.2	20.1	0.0	16.1	7.2	7.8	7.8	6.3	9.9	9.9
Incr Delay (d2), s/veh	0.1	0.0	1.5	0.4	0.0	0.3	0.2	0.4	0.4	0.1	1.1	1.0
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	0.3	0.0	1.5	0.6	0.0	0.5	0.2	1.5	1.6	0.1	2.9	3.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	17.3	0.0	18.7	20.5	0.0	16.4	7.5	8.2	8.2	6.3	11.0	10.9
LnGrp LOS	B	A	B	C	A	B	A	A	A	A	B	B
Approach Vol, veh/h	188			124			879			1206		
Approach Delay, s/veh	18.5			18.5			8.1			10.8		
Approach LOS	B			B			A			B		
Timer - Assigned Phs	1	2	4		5	6	8					
Phs Duration (G+Y+Rc), s	6.2	27.3	13.1		7.4	26.2	13.1					
Change Period (Y+Rc), s	4.5	4.5	4.5		4.5	4.5	4.5					
Max Green Setting (Gmax), s	5.5	41.5	19.5		6.5	40.5	19.5					
Max Q Clear Time (g_c+I1), s	2.4	8.9	6.1		2.8	14.0	8.4					
Green Ext Time (p_c), s	0.0	4.8	0.8		0.0	7.7	0.3					
Intersection Summary												
HCM 6th Ctrl Delay	10.8											
HCM 6th LOS	B											

HCM 6th Signalized Intersection Summary 16: Ed Schmidt Blvd & Emory Farms Ave/Live Oak

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	25	12	98	43	20	53	119	1028	121	66	808	63
Future Volume (veh/h)	25	12	98	43	20	53	119	1028	121	66	808	63
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	1870	1870
Adj Flow Rate, veh/h	27	13	107	47	22	58	129	1117	132	72	878	68
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	2	2
Cap, veh/h	295	26	216	258	68	180	479	1587	187	370	1583	123
Arrive On Green	0.15	0.15	0.15	0.15	0.15	0.15	0.09	0.50	0.50	0.06	0.47	0.47
Sat Flow, veh/h	1319	175	1437	1272	455	1199	1781	3201	378	1781	3342	259
Grp Volume(v), veh/h	27	0	120	47	0	80	129	619	630	72	467	479
Grp Sat Flow(s),veh/h/ln	1319	0	1612	1272	0	1654	1781	1777	1802	1781	1777	1824
Q Serve(g_s), s	0.9	0.0	3.2	1.6	0.0	2.0	1.6	12.6	12.7	0.9	8.8	8.8
Cycle Q Clear(g_c), s	2.9	0.0	3.2	4.8	0.0	2.0	1.6	12.6	12.7	0.9	8.8	8.8
Prop In Lane	1.00		0.89	1.00		0.73	1.00		0.21	1.00		0.14
Lane Grp Cap(c), veh/h	295	0	242	258	0	249	479	881	893	370	842	864
V/C Ratio(X)	0.09	0.00	0.50	0.18	0.00	0.32	0.27	0.70	0.70	0.19	0.55	0.55
Avail Cap(c_a), veh/h	619	0	638	571	0	655	648	1578	1601	502	1502	1542
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	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	19.0	0.0	18.2	20.4	0.0	17.7	5.9	9.1	9.1	6.9	8.8	8.8
Incr Delay (d2), s/veh	0.1	0.0	1.6	0.3	0.0	0.7	0.3	1.0	1.0	0.3	0.6	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	0.3	0.0	1.2	0.5	0.0	0.8	0.3	2.9	2.9	0.2	2.1	2.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	19.1	0.0	19.8	20.8	0.0	18.5	6.2	10.2	10.2	7.2	9.3	9.3
LnGrp LOS	B	A	B	C	A	B	A	B	B	A	A	A
Approach Vol, veh/h	147		127			1378			1018			
Approach Delay, s/veh	19.7		19.3			9.8			9.2			
Approach LOS	B		B			A			A			
Timer - Assigned Phs	1	2	4		5	6	8					
Phs Duration (G+Y+Rc), s	7.5	27.7	11.5		8.6	26.6	11.5					
Change Period (Y+Rc), s	4.5	4.5	4.5		4.5	4.5	4.5					
Max Green Setting (Gmax), s	6.5	41.5	18.5		8.5	39.5	18.5					
Max Q Clear Time (g_c+I1), s	2.9	14.7	5.2		3.6	10.8	6.8					
Green Ext Time (p_c), s	0.0	8.5	0.6		0.1	5.8	0.4					
Intersection Summary												
HCM 6th Ctrl Delay	10.6											
HCM 6th LOS	B											

HCM 6th Signalized Intersection Summary

25: Ed Schmidt Blvd & Lowes

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	14	7	13	38	7	64	4	665	88	88	1118	18
Future Volume (veh/h)	14	7	13	38	7	64	4	665	88	88	1118	18
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	1870	1870
Adj Flow Rate, veh/h	15	8	14	41	8	70	4	723	96	96	1215	20
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	2	2
Cap, veh/h	195	59	67	314	45	177	323	1309	174	522	1776	29
Arrive On Green	0.11	0.11	0.11	0.11	0.11	0.11	0.01	0.41	0.41	0.09	0.50	0.50
Sat Flow, veh/h	453	526	596	1117	400	1585	1781	3153	418	1781	3578	59
Grp Volume(v), veh/h	37	0	0	49	0	70	4	407	412	96	603	632
Grp Sat Flow(s),veh/h/ln	1575	0	0	1517	0	1585	1781	1777	1795	1781	1777	1860
Q Serve(g_s), s	0.0	0.0	0.0	0.2	0.0	1.4	0.0	6.1	6.1	1.0	9.0	9.0
Cycle Q Clear(g_c), s	0.7	0.0	0.0	0.9	0.0	1.4	0.0	6.1	6.1	1.0	9.0	9.0
Prop In Lane	0.41		0.38	0.84		1.00	1.00		0.23	1.00		0.03
Lane Grp Cap(c), veh/h	321	0	0	359	0	177	323	737	745	522	882	923
V/C Ratio(X)	0.12	0.00	0.00	0.14	0.00	0.40	0.01	0.55	0.55	0.18	0.68	0.68
Avail Cap(c_a), veh/h	936	0	0	949	0	822	573	1119	1131	693	1186	1241
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	0.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	14.1	0.0	0.0	14.2	0.0	14.4	6.4	7.8	7.8	5.1	6.7	6.7
Incr Delay (d2), s/veh	0.2	0.0	0.0	0.2	0.0	1.4	0.0	0.6	0.6	0.2	1.0	1.0
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	0.2	0.0	0.0	0.3	0.0	0.5	0.0	1.5	1.5	0.2	1.9	1.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	14.2	0.0	0.0	14.3	0.0	15.8	6.4	8.4	8.4	5.3	7.7	7.7
LnGrp LOS	B	A	A	B	A	B	A	A	A	A	A	A
Approach Vol, veh/h		37			119			823			1331	
Approach Delay, s/veh		14.2			15.2			8.4			7.5	
Approach LOS		B			B			A			A	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	7.5	19.0		8.4	4.7	21.8		8.4				
Change Period (Y+Rc), s	4.5	4.5		4.5	4.5	4.5		4.5				
Max Green Setting (Gmax), s	6.4	22.0		18.1	5.1	23.3		18.1				
Max Q Clear Time (g_c+I1), s	3.0	8.1		2.7	2.0	11.0		3.4				
Green Ext Time (p_c), s	0.1	4.3		0.1	0.0	6.3		0.3				
Intersection Summary												
HCM 6th Ctrl Delay			8.3									
HCM 6th LOS			A									

HCM 6th Signalized Intersection Summary

25: Ed Schmidt Blvd & Lowes

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	24	15	64	64	41	164	49	887	289	184	718	57
Future Volume (veh/h)	24	15	64	64	41	164	49	887	289	184	718	57
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	1870	1870
Adj Flow Rate, veh/h	26	16	70	70	45	178	53	964	314	200	780	62
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	2	2
Cap, veh/h	114	60	156	236	127	253	486	1334	432	385	1817	144
Arrive On Green	0.16	0.16	0.16	0.16	0.16	0.16	0.05	0.51	0.51	0.09	0.54	0.54
Sat Flow, veh/h	211	376	978	820	797	1585	1781	2639	855	1781	3335	265
Grp Volume(v), veh/h	112	0	0	115	0	178	53	647	631	200	416	426
Grp Sat Flow(s),veh/h/ln	1564	0	0	1617	0	1585	1781	1777	1717	1781	1777	1823
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	5.8	0.7	15.6	15.8	2.8	7.6	7.6
Cycle Q Clear(g_c), s	3.3	0.0	0.0	3.1	0.0	5.8	0.7	15.6	15.8	2.8	7.6	7.6
Prop In Lane	0.23		0.62	0.61		1.00	1.00		0.50	1.00		0.15
Lane Grp Cap(c), veh/h	330	0	0	363	0	253	486	898	868	385	968	993
V/C Ratio(X)	0.34	0.00	0.00	0.32	0.00	0.70	0.11	0.72	0.73	0.52	0.43	0.43
Avail Cap(c_a), veh/h	594	0	0	626	0	533	574	1405	1358	695	1696	1740
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	0.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	20.8	0.0	0.0	20.7	0.0	21.9	5.9	10.6	10.6	9.3	7.4	7.4
Incr Delay (d2), s/veh	0.6	0.0	0.0	0.5	0.0	3.6	0.1	1.1	1.2	1.1	0.3	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	1.3	0.0	0.0	1.3	0.0	2.3	0.2	4.8	4.7	0.8	2.2	2.2
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	21.4	0.0	0.0	21.2	0.0	25.5	6.0	11.7	11.8	10.3	7.7	7.7
LnGrp LOS	C	A	A	C	A	C	A	B	B	B	A	A
Approach Vol, veh/h		112			293			1331			1042	
Approach Delay, s/veh		21.4			23.8			11.5			8.2	
Approach LOS		C			C			B			A	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	9.4	32.3		13.3	7.3	34.5		13.3				
Change Period (Y+Rc), s	4.5	4.5		4.5	4.5	4.5		4.5				
Max Green Setting (Gmax), s	14.5	43.5		18.5	5.5	52.5		18.5				
Max Q Clear Time (g_c+I1), s	4.8	17.8		5.3	2.7	9.6		7.8				
Green Ext Time (p_c), s	0.4	10.0		0.5	0.0	6.1		0.9				
Intersection Summary												
HCM 6th Ctrl Delay				12.0								
HCM 6th LOS				B								

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023

												
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (vph)	35	230	1169	304	1	466	1872	137	1	567	504	421
Future Volume (vph)	35	230	1169	304	1	466	1872	137	1	567	504	421
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Lane Util. Factor		1.00	0.95	1.00		0.97	0.95	1.00		0.91	0.91	1.00
Frt		1.00	1.00	0.85		1.00	1.00	0.85		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00		0.95	1.00	1.00		0.95	0.98	1.00
Satd. Flow (prot)		1770	3539	1583		3433	3539	1583		1610	3330	1583
Flt Permitted		0.95	1.00	1.00		0.80	1.00	1.00		0.09	0.98	1.00
Satd. Flow (perm)		1770	3539	1583		2891	3539	1583		158	3330	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	38	250	1271	330	1	507	2035	149	1	616	548	458
RTOR Reduction (vph)	0	0	0	230	0	0	0	104	0	0	0	107
Lane Group Flow (vph)	0	288	1271	100	0	508	2035	45	0	309	856	351
Turn Type	Prot	Prot	NA	Perm	Perm	Prot	NA	Perm	Perm	Split	NA	Perm
Protected Phases	1	1	6			5	2			3	3	
Permitted Phases				6	2			2	3			3
Actuated Green, G (s)		5.0	35.0	35.0		5.0	35.0	35.0		43.0	43.0	43.0
Effective Green, g (s)		5.0	35.0	35.0		5.0	35.0	35.0		43.0	43.0	43.0
Actuated g/C Ratio		0.04	0.30	0.30		0.04	0.30	0.30		0.37	0.37	0.37
Clearance Time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Vehicle Extension (s)		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)		76	1077	481		125	1077	481		59	1245	591
v/s Ratio Prot		0.16	0.36				c0.57				0.26	
v/s Ratio Perm				0.06		c0.18		0.03		c1.96		0.22
v/c Ratio		3.79	1.18	0.21		4.06	1.89	0.09		5.24	0.69	0.59
Uniform Delay, d1		55.0	40.0	29.7		55.0	40.0	28.6		36.0	30.3	29.0
Progression Factor		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2		1286.7	90.8	1.0		1397.6	403.8	0.4		1943.8	1.6	1.6
Delay (s)		1341.7	130.8	30.7		1452.6	443.8	29.0		1979.8	31.9	30.6
Level of Service		F	F	C		F	F	C		F	C	C
Approach Delay (s)			297.9				611.2				402.4	
Approach LOS			F				F				F	
Intersection Summary												
HCM 2000 Control Delay			584.8				HCM 2000 Level of Service			F		
HCM 2000 Volume to Capacity ratio			3.78									
Actuated Cycle Length (s)			115.0				Sum of lost time (s)			27.0		
Intersection Capacity Utilization			135.0%				ICU Level of Service			H		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023



Movement	SBL	SBT	SBR
Lane Configurations			
Traffic Volume (vph)	150	480	416
Future Volume (vph)	150	480	416
Ideal Flow (vphpl)	1900	1900	1900
Total Lost time (s)	7.0	7.0	7.0
Lane Util. Factor	1.00	0.95	1.00
Frt	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00
Satd. Flow (prot)	1770	3539	1583
Flt Permitted	0.95	1.00	1.00
Satd. Flow (perm)	1770	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92
Adj. Flow (vph)	163	522	452
RTOR Reduction (vph)	0	0	154
Lane Group Flow (vph)	163	522	298
Turn Type	Split	NA	Perm
Protected Phases	4	4	
Permitted Phases			4
Actuated Green, G (s)	5.0	5.0	5.0
Effective Green, g (s)	5.0	5.0	5.0
Actuated g/C Ratio	0.04	0.04	0.04
Clearance Time (s)	7.0	7.0	7.0
Vehicle Extension (s)	3.0	3.0	3.0
Lane Grp Cap (vph)	76	153	68
v/s Ratio Prot	0.09	0.15	
v/s Ratio Perm			c0.19
v/c Ratio	2.14	3.41	4.38
Uniform Delay, d1	55.0	55.0	55.0
Progression Factor	1.00	1.00	1.00
Incremental Delay, d2	556.2	1101.7	1555.6
Delay (s)	611.2	1156.7	1610.6
Level of Service	F	F	F
Approach Delay (s)		1258.9	
Approach LOS		F	
Intersection Summary			

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023

												
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL
Lane Configurations												
Traffic Volume (vph)	35	302	1470	634	1	505	1239	130	413	613	668	186
Future Volume (vph)	35	302	1470	634	1	505	1239	130	413	613	668	186
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0		7.0	7.0	7.0	6.0	6.0	6.0	7.0
Lane Util. Factor		1.00	0.95	1.00		0.97	0.95	1.00	0.91	0.91	1.00	1.00
Frt		1.00	1.00	0.85		1.00	1.00	0.85	1.00	1.00	0.85	1.00
Flt Protected		0.95	1.00	1.00		0.95	1.00	1.00	0.95	0.99	1.00	0.95
Satd. Flow (prot)		1770	3539	1583		3433	3539	1583	1610	3370	1583	1770
Flt Permitted		0.95	1.00	1.00		0.31	1.00	1.00	0.95	0.99	1.00	0.95
Satd. Flow (perm)		1770	3539	1583		1112	3539	1583	1610	3370	1583	1770
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	38	328	1598	689	1	549	1347	141	449	666	726	202
RTOR Reduction (vph)	0	0	0	485	0	0	0	92	0	0	106	0
Lane Group Flow (vph)	0	366	1598	204	0	550	1347	49	359	756	620	202
Turn Type	Prot	Prot	NA	Perm	Perm	Prot	NA	Perm	Split	NA	Perm	Split
Protected Phases	1	1	6			5	2		3	3		4
Permitted Phases				6	2			2			3	
Actuated Green, G (s)		7.0	37.0	37.0		13.0	43.0	43.0	41.0	41.0	41.0	7.0
Effective Green, g (s)		7.0	37.0	37.0		13.0	43.0	43.0	41.0	41.0	41.0	7.0
Actuated g/C Ratio		0.06	0.30	0.30		0.10	0.34	0.34	0.33	0.33	0.33	0.06
Clearance Time (s)		7.0	7.0	7.0		7.0	7.0	7.0	6.0	6.0	6.0	7.0
Vehicle Extension (s)		3.0	3.0	3.0		3.0	3.0	3.0	3.0	3.0	3.0	3.0
Lane Grp Cap (vph)		99	1047	468		115	1217	544	528	1105	519	99
v/s Ratio Prot		0.21	c0.45				c0.38		0.22	0.22		0.11
v/s Ratio Perm				0.13		c0.49		0.03			c0.39	
v/c Ratio		3.70	1.53	0.44		4.78	1.11	0.09	0.68	0.68	1.20	2.04
Uniform Delay, d1		59.0	44.0	35.6		56.0	41.0	27.7	36.3	36.4	42.0	59.0
Progression Factor		1.00	1.00	1.00		1.00	1.00	1.00	1.00	1.00	1.00	1.00
Incremental Delay, d2		1238.1	241.7	2.9		1721.7	60.3	0.3	3.5	1.8	105.7	501.5
Delay (s)		1297.1	285.7	38.5		1777.7	101.3	28.1	39.8	38.2	147.7	560.5
Level of Service		F	F	D		F	F	C	D	D	F	F
Approach Delay (s)			361.0				548.7			81.7		
Approach LOS			F				F			F		
Intersection Summary												
HCM 2000 Control Delay			395.1				HCM 2000 Level of Service			F		
HCM 2000 Volume to Capacity ratio			1.89									
Actuated Cycle Length (s)			125.0				Sum of lost time (s)			27.0		
Intersection Capacity Utilization			134.2%				ICU Level of Service			H		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023



Movement	SBT	SBR
Lane Configurations	↑↑	↑
Traffic Volume (vph)	553	234
Future Volume (vph)	553	234
Ideal Flow (vphpl)	1900	1900
Total Lost time (s)	7.0	7.0
Lane Util. Factor	0.95	1.00
Frt	1.00	0.85
Flt Protected	1.00	1.00
Satd. Flow (prot)	3539	1583
Flt Permitted	1.00	1.00
Satd. Flow (perm)	3539	1583
Peak-hour factor, PHF	0.92	0.92
Adj. Flow (vph)	601	254
RTOR Reduction (vph)	0	140
Lane Group Flow (vph)	601	114
Turn Type	NA	Perm
Protected Phases	4	
Permitted Phases		4
Actuated Green, G (s)	7.0	7.0
Effective Green, g (s)	7.0	7.0
Actuated g/C Ratio	0.06	0.06
Clearance Time (s)	7.0	7.0
Vehicle Extension (s)	3.0	3.0
Lane Grp Cap (vph)	198	88
v/s Ratio Prot	c0.17	
v/s Ratio Perm		0.07
v/c Ratio	3.04	1.30
Uniform Delay, d1	59.0	59.0
Progression Factor	1.00	1.00
Incremental Delay, d2	929.3	195.6
Delay (s)	988.3	254.6
Level of Service	F	F
Approach Delay (s)	730.2	
Approach LOS	F	
Intersection Summary		

HCM 6th Signalized Intersection Summary

9: Ed Schmidt Blvd & Limmer Loop

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	33	507	331	546	860	2	391	223	260	89	353	141
Future Volume (veh/h)	33	507	331	546	860	2	391	223	260	89	353	141
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	1870	1870
Adj Flow Rate, veh/h	36	551	360	593	935	2	425	242	283	97	384	153
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	2	2
Cap, veh/h	257	966	431	865	1411	3	636	767	342	337	669	299
Arrive On Green	0.03	0.27	0.27	0.15	0.39	0.39	0.09	0.22	0.22	0.06	0.19	0.19
Sat Flow, veh/h	1781	3554	1585	3456	3638	8	3456	3554	1585	1781	3554	1585
Grp Volume(v), veh/h	36	551	360	593	457	480	425	242	283	97	384	153
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1728	1777	1869	1728	1777	1585	1781	1777	1585
Q Serve(g_s), s	1.1	10.6	17.0	9.1	16.9	16.9	7.0	4.6	13.6	3.4	7.8	6.9
Cycle Q Clear(g_c), s	1.1	10.6	17.0	9.1	16.9	16.9	7.0	4.6	13.6	3.4	7.8	6.9
Prop In Lane	1.00		1.00	1.00		0.00	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	257	966	431	865	689	725	636	767	342	337	669	299
V/C Ratio(X)	0.14	0.57	0.84	0.69	0.66	0.66	0.67	0.32	0.83	0.29	0.57	0.51
Avail Cap(c_a), veh/h	308	1160	517	996	803	845	636	1115	497	341	1026	458
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	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	19.9	25.0	27.3	16.7	20.1	20.1	25.4	26.3	29.8	23.8	29.4	29.0
Incr Delay (d2), s/veh	0.2	0.5	9.8	1.6	1.6	1.6	2.7	0.2	7.4	0.5	0.8	1.4
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	0.4	4.1	6.9	3.2	6.3	6.6	3.2	1.8	5.4	1.3	3.1	2.5
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	20.2	25.5	37.1	18.3	21.7	21.6	28.1	26.5	37.3	24.3	30.2	30.4
LnGrp LOS	C	C	D	B	C	C	C	C	D	C	C	C
Approach Vol, veh/h	947		1530				950		634			
Approach Delay, s/veh	29.7		20.4				30.4		29.3			
Approach LOS	C		C				C		C			
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	18.0	27.7	13.0	21.0	8.7	36.9	10.8	23.2				
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0				
Max Green Setting (Gmax), s	15.0	26.0	7.0	23.0	5.0	36.0	5.0	25.0				
Max Q Clear Time (g_c+I1), s	11.1	19.0	9.0	9.8	3.1	18.9	5.4	15.6				
Green Ext Time (p_c), s	0.9	2.6	0.0	2.2	0.0	4.9	0.0	1.6				
Intersection Summary												
HCM 6th Ctrl Delay	26.3											
HCM 6th LOS	C											

HCM 6th Signalized Intersection Summary

9: Ed Schmidt Blvd & Limmer Loop

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	31	626	292	420	606	49	396	257	586	151	436	55
Future Volume (veh/h)	31	626	292	420	606	49	396	257	586	151	436	55
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	1870	1870
Adj Flow Rate, veh/h	34	680	317	457	659	53	430	279	637	164	474	60
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	2	2
Cap, veh/h	265	882	393	652	1118	90	760	1084	483	332	923	412
Arrive On Green	0.03	0.25	0.25	0.12	0.34	0.34	0.10	0.30	0.30	0.06	0.26	0.26
Sat Flow, veh/h	1781	3554	1585	3456	3331	268	3456	3554	1585	1781	3554	1585
Grp Volume(v), veh/h	34	680	317	457	351	361	430	279	637	164	474	60
Grp Sat Flow(s),veh/h/ln	1781	1777	1585	1728	1777	1822	1728	1777	1585	1781	1777	1585
Q Serve(g_s), s	1.2	15.7	16.6	8.2	14.5	14.5	8.0	5.2	27.0	5.0	10.1	2.6
Cycle Q Clear(g_c), s	1.2	15.7	16.6	8.2	14.5	14.5	8.0	5.2	27.0	5.0	10.1	2.6
Prop In Lane	1.00		1.00	1.00		0.15	1.00		1.00	1.00		1.00
Lane Grp Cap(c), veh/h	265	882	393	652	596	611	760	1084	483	332	923	412
V/C Ratio(X)	0.13	0.77	0.81	0.70	0.59	0.59	0.57	0.26	1.32	0.49	0.51	0.15
Avail Cap(c_a), veh/h	308	1084	483	708	682	700	760	1084	483	332	923	412
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	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	23.7	30.9	31.3	21.7	24.4	24.4	21.4	23.2	30.8	23.2	28.0	25.2
Incr Delay (d2), s/veh	0.2	2.8	8.0	2.8	1.0	1.0	1.0	0.1	157.1	1.1	0.5	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	0.5	6.5	6.7	3.2	5.7	5.8	3.0	2.0	30.3	2.4	3.9	0.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	23.9	33.7	39.3	24.5	25.4	25.4	22.4	23.3	187.9	24.4	28.5	25.4
LnGrp LOS	C	C	D	C	C	C	C	C	F	C	C	C
Approach Vol, veh/h		1031			1169			1346			698	
Approach Delay, s/veh		35.1			25.0			100.9			27.2	
Approach LOS		D			C			F			C	
Timer - Assigned Phs	1	2	3	4	5	6	7	8				
Phs Duration (G+Y+Rc), s	16.6	28.0	15.0	29.0	8.8	35.7	11.0	33.0				
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0				
Max Green Setting (Gmax), s	12.0	27.0	9.0	23.0	5.0	34.0	5.0	27.0				
Max Q Clear Time (g_c+I1), s	10.2	18.6	10.0	12.1	3.2	16.5	7.0	29.0				
Green Ext Time (p_c), s	0.3	3.3	0.0	2.1	0.0	3.6	0.0	0.0				
Intersection Summary												
HCM 6th Ctrl Delay			51.9									
HCM 6th LOS			D									

HCM 6th Signalized Intersection Summary

16: Ed Schmidt Blvd & Emory Farms Ave/Live Oak

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	5	168	68	22	46	73	852	46	35	1234	62
Future Volume (veh/h)	35	5	168	68	22	46	73	852	46	35	1234	62
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	1870	1870
Adj Flow Rate, veh/h	38	5	183	74	24	50	79	926	50	38	1341	67
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	2	2
Cap, veh/h	314	7	239	259	151	315	255	1636	88	341	1574	79
Arrive On Green	0.15	0.15	0.15	0.06	0.28	0.28	0.06	0.48	0.48	0.04	0.46	0.46
Sat Flow, veh/h	1326	42	1549	1781	541	1127	1781	3429	185	1781	3444	172
Grp Volume(v), veh/h	38	0	188	74	0	74	79	480	496	38	691	717
Grp Sat Flow(s),veh/h/ln	1326	0	1592	1781	0	1668	1781	1777	1837	1781	1777	1839
Q Serve(g_s), s	1.6	0.0	7.4	2.2	0.0	2.2	1.5	12.7	12.7	0.7	22.7	22.8
Cycle Q Clear(g_c), s	1.6	0.0	7.4	2.2	0.0	2.2	1.5	12.7	12.7	0.7	22.7	22.8
Prop In Lane	1.00		0.97	1.00		0.68	1.00		0.10	1.00		0.09
Lane Grp Cap(c), veh/h	314	0	246	259	0	466	255	848	876	341	812	841
V/C Ratio(X)	0.12	0.00	0.76	0.29	0.00	0.16	0.31	0.57	0.57	0.11	0.85	0.85
Avail Cap(c_a), veh/h	463	0	424	308	0	698	301	906	937	422	906	938
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	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	24.2	0.0	26.6	20.5	0.0	17.9	13.1	12.3	12.3	9.6	15.8	15.9
Incr Delay (d2), s/veh	0.2	0.0	4.9	0.6	0.0	0.2	0.7	0.7	0.7	0.1	7.1	7.1
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	0.5	0.0	3.1	0.9	0.0	0.8	0.5	3.9	4.1	0.2	8.5	8.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	24.3	0.0	31.5	21.1	0.0	18.0	13.8	13.0	13.0	9.8	23.0	23.0
LnGrp LOS	C	A	C	C	A	B	B	B	B	A	C	C
Approach Vol, veh/h	226					148		1055		1446		
Approach Delay, s/veh	30.3					19.5		13.1		22.6		
Approach LOS	C					B		B		C		
Timer - Assigned Phs	1	2	3	4	5	6	8					
Phs Duration (G+Y+Rc), s	7.0	35.9	8.2	14.7	8.3	34.5	22.9					
Change Period (Y+Rc), s	4.5	4.5	4.5	4.5	4.5	4.5	4.5					
Max Green Setting (Gmax), s	5.5	33.5	5.5	17.5	5.5	33.5	27.5					
Max Q Clear Time (g_c+I1), s	2.7	14.7	4.2	9.4	3.5	24.8	4.2					
Green Ext Time (p_c), s	0.0	5.4	0.0	0.8	0.0	5.2	0.4					
Intersection Summary												
HCM 6th Ctrl Delay			19.6									
HCM 6th LOS			B									
Notes												

HCM 6th Signalized Intersection Summary

16: Ed Schmidt Blvd & Emory Farms Ave/Live Oak

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	30	14	118	43	20	53	143	1234	145	79	969	76
Future Volume (veh/h)	30	14	118	43	20	53	143	1234	145	79	969	76
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	1870	1870
Adj Flow Rate, veh/h	33	15	128	47	22	58	155	1341	158	86	1053	83
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	2	2
Cap, veh/h	277	27	228	220	72	189	421	1738	204	314	1761	139
Arrive On Green	0.16	0.16	0.16	0.16	0.16	0.16	0.08	0.54	0.54	0.06	0.53	0.53
Sat Flow, veh/h	1319	169	1442	1245	455	1199	1781	3204	375	1781	3337	263
Grp Volume(v), veh/h	33	0	143	47	0	80	155	740	759	86	561	575
Grp Sat Flow(s),veh/h/ln	1319	0	1611	1245	0	1654	1781	1777	1803	1781	1777	1823
Q Serve(g_s), s	1.3	0.0	4.7	2.1	0.0	2.5	2.2	18.8	19.1	1.2	12.5	12.5
Cycle Q Clear(g_c), s	3.8	0.0	4.7	6.8	0.0	2.5	2.2	18.8	19.1	1.2	12.5	12.5
Prop In Lane	1.00		0.90	1.00		0.73	1.00		0.21	1.00		0.14
Lane Grp Cap(c), veh/h	277	0	254	220	0	261	421	964	978	314	937	962
V/C Ratio(X)	0.12	0.00	0.56	0.21	0.00	0.31	0.37	0.77	0.78	0.27	0.60	0.60
Avail Cap(c_a), veh/h	493	0	518	424	0	532	604	1314	1333	369	1159	1189
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	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	23.1	0.0	22.4	25.5	0.0	21.4	6.8	10.3	10.4	8.9	9.4	9.4
Incr Delay (d2), s/veh	0.2	0.0	1.9	0.5	0.0	0.7	0.5	1.9	2.0	0.5	0.6	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	0.4	0.0	1.8	0.6	0.0	1.0	0.5	5.0	5.2	0.3	3.2	3.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	23.3	0.0	24.3	26.0	0.0	22.1	7.4	12.2	12.4	9.3	10.0	10.0
LnGrp LOS	C	A	C	C	A	C	A	B	B	A	A	A
Approach Vol, veh/h		176			127			1654			1222	
Approach Delay, s/veh		24.1			23.5			11.9			9.9	
Approach LOS		C			C			B			A	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	8.2	35.7		13.6	9.1	34.8		13.6				
Change Period (Y+Rc), s	4.5	4.5		4.5	4.5	4.5		4.5				
Max Green Setting (Gmax), s	5.5	42.5		18.5	10.5	37.5		18.5				
Max Q Clear Time (g_c+I1), s	3.2	21.1		6.7	4.2	14.5		8.8				
Green Ext Time (p_c), s	0.0	10.0		0.7	0.2	7.0		0.3				
Intersection Summary												
HCM 6th Ctrl Delay			12.3									
HCM 6th LOS			B									

HCM 6th Signalized Intersection Summary 25: Ed Schmidt Blvd & Lowes

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	17	8	15	46	8	77	5	798	106	106	1342	22
Future Volume (veh/h)	17	8	15	46	8	77	5	798	106	106	1342	22
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	1870	1870
Adj Flow Rate, veh/h	18	9	16	50	9	84	5	867	115	115	1459	24
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	2	2
Cap, veh/h	168	55	60	282	38	166	279	1539	204	495	2036	33
Arrive On Green	0.10	0.10	0.10	0.10	0.10	0.10	0.01	0.49	0.49	0.09	0.57	0.57
Sat Flow, veh/h	447	524	575	1187	363	1585	1781	3154	418	1781	3578	59
Grp Volume(v), veh/h	43	0	0	59	0	84	5	488	494	115	724	759
Grp Sat Flow(s),veh/h/ln	1547	0	0	1550	0	1585	1781	1777	1795	1781	1777	1860
Q Serve(g_s), s	0.0	0.0	0.0	0.0	0.0	2.1	0.1	8.2	8.2	1.2	12.5	12.6
Cycle Q Clear(g_c), s	1.3	0.0	0.0	1.3	0.0	2.1	0.1	8.2	8.2	1.2	12.5	12.6
Prop In Lane	0.42		0.37	0.85		1.00	1.00		0.23	1.00		0.03
Lane Grp Cap(c), veh/h	283	0	0	320	0	166	279	867	876	495	1011	1058
V/C Ratio(X)	0.15	0.00	0.00	0.18	0.00	0.50	0.02	0.56	0.56	0.23	0.72	0.72
Avail Cap(c_a), veh/h	781	0	0	800	0	694	541	1282	1295	655	1324	1386
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	0.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	17.4	0.0	0.0	17.5	0.0	17.9	6.4	7.6	7.6	4.9	6.6	6.6
Incr Delay (d2), s/veh	0.2	0.0	0.0	0.3	0.0	2.4	0.0	0.6	0.6	0.2	1.3	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	0.4	0.0	0.0	0.5	0.0	0.8	0.0	2.1	2.1	0.2	2.8	2.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	17.6	0.0	0.0	17.8	0.0	20.2	6.4	8.2	8.2	5.1	7.9	7.9
LnGrp LOS	B	A	A	B	A	C	A	A	A	A	A	A
Approach Vol, veh/h		43			143			987			1598	
Approach Delay, s/veh		17.6			19.2			8.2			7.7	
Approach LOS		B			B			A			A	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	8.2	25.1		8.9	4.8	28.6		8.9				
Change Period (Y+Rc), s	4.5	4.5		4.5	4.5	4.5		4.5				
Max Green Setting (Gmax), s	7.5	30.5		18.5	6.5	31.5		18.5				
Max Q Clear Time (g_c+I1), s	3.2	10.2		3.3	2.1	14.6		4.1				
Green Ext Time (p_c), s	0.1	6.3		0.1	0.0	9.5		0.4				
Intersection Summary												
HCM 6th Ctrl Delay			8.6									
HCM 6th LOS			A									

HCM 6th Signalized Intersection Summary

25: Ed Schmidt Blvd & Lowes

08/15/2023

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	29	18	77	77	50	196	59	1064	347	220	862	69
Future Volume (veh/h)	29	18	77	77	50	196	59	1064	347	220	862	69
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	1870	1870
Adj Flow Rate, veh/h	32	20	84	84	54	213	64	1157	377	239	937	75
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	2	2
Cap, veh/h	98	61	152	226	126	272	428	1438	460	325	1939	155
Arrive On Green	0.17	0.17	0.17	0.17	0.17	0.17	0.05	0.54	0.54	0.09	0.58	0.58
Sat Flow, veh/h	195	355	887	828	734	1585	1781	2648	847	1781	3332	267
Grp Volume(v), veh/h	136	0	0	138	0	213	64	769	765	239	500	512
Grp Sat Flow(s),veh/h/ln	1437	0	0	1562	0	1585	1781	1777	1718	1781	1777	1822
Q Serve(g_s), s	1.0	0.0	0.0	0.0	0.0	8.9	1.0	24.1	25.3	3.9	11.3	11.3
Cycle Q Clear(g_c), s	6.1	0.0	0.0	5.2	0.0	8.9	1.0	24.1	25.3	3.9	11.3	11.3
Prop In Lane	0.24		0.62	0.61		1.00	1.00		0.49	1.00		0.15
Lane Grp Cap(c), veh/h	311	0	0	352	0	272	428	965	933	325	1034	1061
V/C Ratio(X)	0.44	0.00	0.00	0.39	0.00	0.78	0.15	0.80	0.82	0.74	0.48	0.48
Avail Cap(c_a), veh/h	452	0	0	493	0	424	479	1145	1107	512	1350	1385
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	0.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	25.9	0.0	0.0	25.8	0.0	27.4	6.5	12.7	13.0	14.1	8.4	8.4
Incr Delay (d2), s/veh	1.0	0.0	0.0	0.7	0.0	5.0	0.2	3.4	4.3	3.3	0.4	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	2.0	0.0	0.0	2.1	0.0	3.6	0.3	8.6	8.9	2.1	3.5	3.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	26.9	0.0	0.0	26.5	0.0	32.4	6.7	16.2	17.3	17.3	8.7	8.7
LnGrp LOS	C	A	A	C	A	C	A	B	B	B	A	A
Approach Vol, veh/h		136			351			1598			1251	
Approach Delay, s/veh		26.9			30.1			16.3			10.4	
Approach LOS		C			C			B			B	
Timer - Assigned Phs	1	2		4	5	6		8				
Phs Duration (G+Y+Rc), s	10.7	42.0		16.3	8.0	44.7		16.3				
Change Period (Y+Rc), s	4.5	4.5		4.5	4.5	4.5		4.5				
Max Green Setting (Gmax), s	13.5	44.5		18.5	5.5	52.5		18.5				
Max Q Clear Time (g_c+I1), s	5.9	27.3		8.1	3.0	13.3		10.9				
Green Ext Time (p_c), s	0.4	10.2		0.5	0.0	7.8		1.0				
Intersection Summary												
HCM 6th Ctrl Delay			16.0									
HCM 6th LOS			B									

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023

												
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (vph)	35	276	1403	365	1	559	2246	165	1	680	605	506
Future Volume (vph)	35	276	1403	365	1	559	2246	165	1	680	605	506
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Lane Util. Factor		1.00	0.95	1.00		0.97	0.95	1.00		0.91	0.91	1.00
Frt		1.00	1.00	0.85		1.00	1.00	0.85		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00		0.95	1.00	1.00		0.95	0.98	1.00
Satd. Flow (prot)		1770	3539	1583		3433	3539	1583		1610	3330	1583
Flt Permitted		0.95	1.00	1.00		0.80	1.00	1.00		0.09	0.98	1.00
Satd. Flow (perm)		1770	3539	1583		2891	3539	1583		158	3330	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	38	300	1525	397	1	608	2441	179	1	739	658	550
RTOR Reduction (vph)	0	0	0	276	0	0	0	125	0	0	0	107
Lane Group Flow (vph)	0	338	1525	121	0	609	2441	54	0	370	1028	443
Turn Type	Prot	Prot	NA	Perm	Perm	Prot	NA	Perm	Perm	Split	NA	Perm
Protected Phases	1	1	6			5	2			3	3	
Permitted Phases				6	2			2	3			3
Actuated Green, G (s)		5.0	35.0	35.0		5.0	35.0	35.0		43.0	43.0	43.0
Effective Green, g (s)		5.0	35.0	35.0		5.0	35.0	35.0		43.0	43.0	43.0
Actuated g/C Ratio		0.04	0.30	0.30		0.04	0.30	0.30		0.37	0.37	0.37
Clearance Time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Vehicle Extension (s)		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)		76	1077	481		125	1077	481		59	1245	591
v/s Ratio Prot		0.19	0.43			c0.69					0.31	
v/s Ratio Perm				0.08		c0.21		0.03		c2.35		0.28
v/c Ratio		4.45	1.42	0.25		4.87	2.27	0.11		6.27	0.83	0.75
Uniform Delay, d1		55.0	40.0	30.1		55.0	40.0	28.8		36.0	32.6	31.3
Progression Factor		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2		1581.3	192.7	1.3		1760.3	572.9	0.5		2407.8	4.6	5.2
Delay (s)		1636.3	232.7	31.4		1815.3	612.9	29.3		2443.8	37.2	36.5
Level of Service		F	F	C		F	F	C		F	D	D
Approach Delay (s)			407.3				807.3				494.1	
Approach LOS			F				F				F	
Intersection Summary												
HCM 2000 Control Delay			767.7				HCM 2000 Level of Service				F	
HCM 2000 Volume to Capacity ratio			4.56									
Actuated Cycle Length (s)			115.0				Sum of lost time (s)			27.0		
Intersection Capacity Utilization			157.1%				ICU Level of Service			H		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023



Movement	SBL	SBT	SBR
Lane Configurations			
Traffic Volume (vph)	180	576	499
Future Volume (vph)	180	576	499
Ideal Flow (vphpl)	1900	1900	1900
Total Lost time (s)	7.0	7.0	7.0
Lane Util. Factor	1.00	0.95	1.00
Frt	1.00	1.00	0.85
Flt Protected	0.95	1.00	1.00
Satd. Flow (prot)	1770	3539	1583
Flt Permitted	0.95	1.00	1.00
Satd. Flow (perm)	1770	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92
Adj. Flow (vph)	196	626	542
RTOR Reduction (vph)	0	0	154
Lane Group Flow (vph)	196	626	388
Turn Type	Split	NA	Perm
Protected Phases	4	4	
Permitted Phases			4
Actuated Green, G (s)	5.0	5.0	5.0
Effective Green, g (s)	5.0	5.0	5.0
Actuated g/C Ratio	0.04	0.04	0.04
Clearance Time (s)	7.0	7.0	7.0
Vehicle Extension (s)	3.0	3.0	3.0
Lane Grp Cap (vph)	76	153	68
v/s Ratio Prot	0.11	0.18	
v/s Ratio Perm			c0.25
v/c Ratio	2.58	4.09	5.71
Uniform Delay, d1	55.0	55.0	55.0
Progression Factor	1.00	1.00	1.00
Incremental Delay, d2	747.3	1406.6	2149.3
Delay (s)	802.3	1461.6	2204.3
Level of Service	F	F	F
Approach Delay (s)		1662.0	
Approach LOS		F	
Intersection Summary			

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

08/15/2023

												
Movement	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBU	NBL	NBT	NBR
Lane Configurations												
Traffic Volume (vph)	49	363	1764	761	7	606	1487	156	5	496	736	801
Future Volume (vph)	49	363	1764	761	7	606	1487	156	5	496	736	801
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Lane Util. Factor		1.00	0.95	1.00		0.97	0.95	1.00		0.91	0.91	1.00
Frt		1.00	1.00	0.85		1.00	1.00	0.85		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00		0.95	1.00	1.00		0.95	0.99	1.00
Satd. Flow (prot)		1770	3539	1583		3433	3539	1583		1610	3348	1583
Flt Permitted		0.95	1.00	1.00		0.36	1.00	1.00		0.10	0.99	1.00
Satd. Flow (perm)		1770	3539	1583		1314	3539	1583		161	3348	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Adj. Flow (vph)	53	395	1917	827	8	659	1616	170	5	539	800	871
RTOR Reduction (vph)	0	0	0	559	0	0	0	109	0	0	0	104
Lane Group Flow (vph)	0	448	1917	268	0	667	1616	61	0	274	1070	767
Turn Type	Prot	Prot	NA	Perm	Perm	Prot	NA	Perm	Perm	Split	NA	Perm
Protected Phases	1	1	6			5	2			3	3	
Permitted Phases				6	2			2	3			3
Actuated Green, G (s)		7.0	38.0	38.0		11.0	42.0	42.0		42.0	42.0	42.0
Effective Green, g (s)		7.0	38.0	38.0		11.0	42.0	42.0		42.0	42.0	42.0
Actuated g/C Ratio		0.06	0.30	0.30		0.09	0.34	0.34		0.34	0.34	0.34
Clearance Time (s)		7.0	7.0	7.0		7.0	7.0	7.0		6.0	6.0	6.0
Vehicle Extension (s)		3.0	3.0	3.0		3.0	3.0	3.0		3.0	3.0	3.0
Lane Grp Cap (vph)		99	1075	481		115	1189	531		54	1124	531
v/s Ratio Prot		0.25	c0.54				c0.46				0.32	
v/s Ratio Perm				0.17		c0.51		0.04		c1.70		0.48
v/c Ratio		4.53	1.78	0.56		5.80	1.36	0.12		5.07	0.95	1.44
Uniform Delay, d1		59.0	43.5	36.5		57.0	41.5	28.7		41.5	40.5	41.5
Progression Factor		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00
Incremental Delay, d2		1609.4	356.2	4.6		2178.8	167.1	0.4		1873.9	16.5	210.3
Delay (s)		1668.4	399.7	41.1		2235.8	208.6	29.1		1915.4	57.1	251.8
Level of Service		F	F	D		F	F	C		F	E	F
Approach Delay (s)			484.9				747.4				363.5	
Approach LOS			F				F				F	
Intersection Summary												
HCM 2000 Control Delay			615.1				HCM 2000 Level of Service			F		
HCM 2000 Volume to Capacity ratio			3.82									
Actuated Cycle Length (s)			125.0				Sum of lost time (s)			27.0		
Intersection Capacity Utilization			156.7%				ICU Level of Service			H		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

3: Chris Kelley Blvd/Ed Schmidt Blvd & US 79

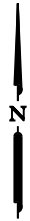
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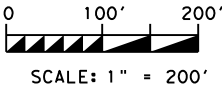
Movement	SBU	SBL	SBT	SBR
Lane Configurations		↩	↕↕	↗
Traffic Volume (vph)	2	223	664	281
Future Volume (vph)	2	223	664	281
Ideal Flow (vphpl)	1900	1900	1900	1900
Total Lost time (s)		7.0	7.0	7.0
Lane Util. Factor		1.00	0.95	1.00
Frt		1.00	1.00	0.85
Flt Protected		0.95	1.00	1.00
Satd. Flow (prot)		1770	3539	1583
Flt Permitted		0.57	1.00	1.00
Satd. Flow (perm)		1064	3539	1583
Peak-hour factor, PHF	0.92	0.92	0.92	0.92
Adj. Flow (vph)	2	242	722	305
RTOR Reduction (vph)	0	0	0	140
Lane Group Flow (vph)	0	244	722	165
Turn Type	Perm	Split	NA	Perm
Protected Phases		4	4	
Permitted Phases	4			4
Actuated Green, G (s)		7.0	7.0	7.0
Effective Green, g (s)		7.0	7.0	7.0
Actuated g/C Ratio		0.06	0.06	0.06
Clearance Time (s)		7.0	7.0	7.0
Vehicle Extension (s)		3.0	3.0	3.0
Lane Grp Cap (vph)		59	198	88
v/s Ratio Prot			0.20	
v/s Ratio Perm		0.23		0.10
v/c Ratio		4.14	3.65	1.88
Uniform Delay, d1		59.0	59.0	59.0
Progression Factor		1.00	1.00	1.00
Incremental Delay, d2		1450.2	1203.3	435.0
Delay (s)		1509.2	1262.3	494.0
Level of Service		F	F	F
Approach Delay (s)			1125.3	
Approach LOS			F	
Intersection Summary				

APPENDIX D

MATCHLINE A



- SUMMARY OF PROPOSED WORK:
- ① INSTALL TRAFFIC SIGNAL AT THE INTERSECTION OF LOWE'S AND ED SCHMIDT AND COORDINATE NEW TRAFFIC SIGNAL WITH EXISTING SIGNALS ALONG ED SCHMIDT.
 - ② INSTALL RAISED MEDIAN SOUTH OF THE INTERSECTION OF LOWE'S AND ED SCHMIDT.
 - ③ INSTALL NEW SIDEWALK CONNECTING EXISTING SIDEWALK ALONG ED SCHMIDT.
 - ④ WIDEN TO 2 LANES IN EACH DIRECTION NORTH OF THE LOWE'S AND ED SCHMIDT INTERSECTION.
 - ⑤ ADD CROSS WALK STRIPING NORTH OF THE ED SCHMIDT AND LOWE'S INTERSECTION.
 - ⑥ PLANT TREES.



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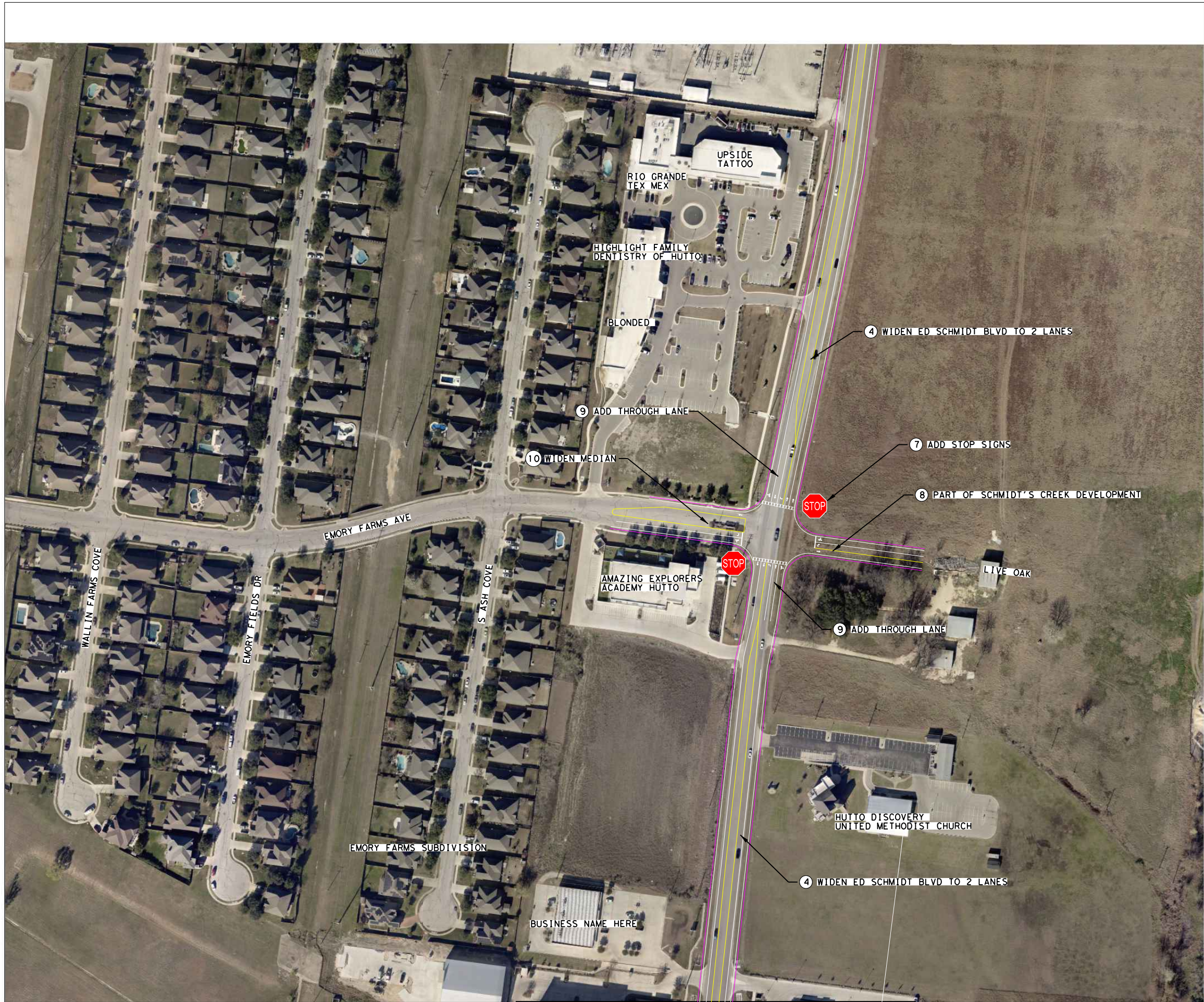
ED SCHMIDT BLVD
PROPOSED
IMPROVEMENTS
AT US 79 AND LOWE'S

SHEET 1 OF 3

FED. RD. DIV. NO.	FEDERAL AID PROJECT		SHEET NO.
14	SEE TITLE SHEET		
STATE	DISTRICT	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONTROL	SECTION	JOB	HIGHWAY
2176	01	010	ED SCHMIDT

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FILE: \$FILES\$

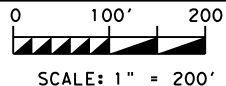
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MATCHLINE A

SUMMARY OF PROPOSED WORK:

- ④ WIDEN ED SCHMIDT BLVD TO 2 LANES.
- ⑦ INSTALL STOP SIGN AT THE INTERSECTION OF EMORY FARMS/LIVE OAK AND ED SCHMIDT.
- ⑧ PART OF SCHMIDT'S CREEK DEVELOPMENT.
- ⑨ ADD THROUGH LANE AT THE INTERSECTION OF EMORY FARMS/LIVE OAK AND ED SCHMIDT.
- ⑩ WIDEN MEDIAN EASTBOUND AT THE INTERSECTION OF EMORY FARMS/LIVE AND ED SCHMIDT.



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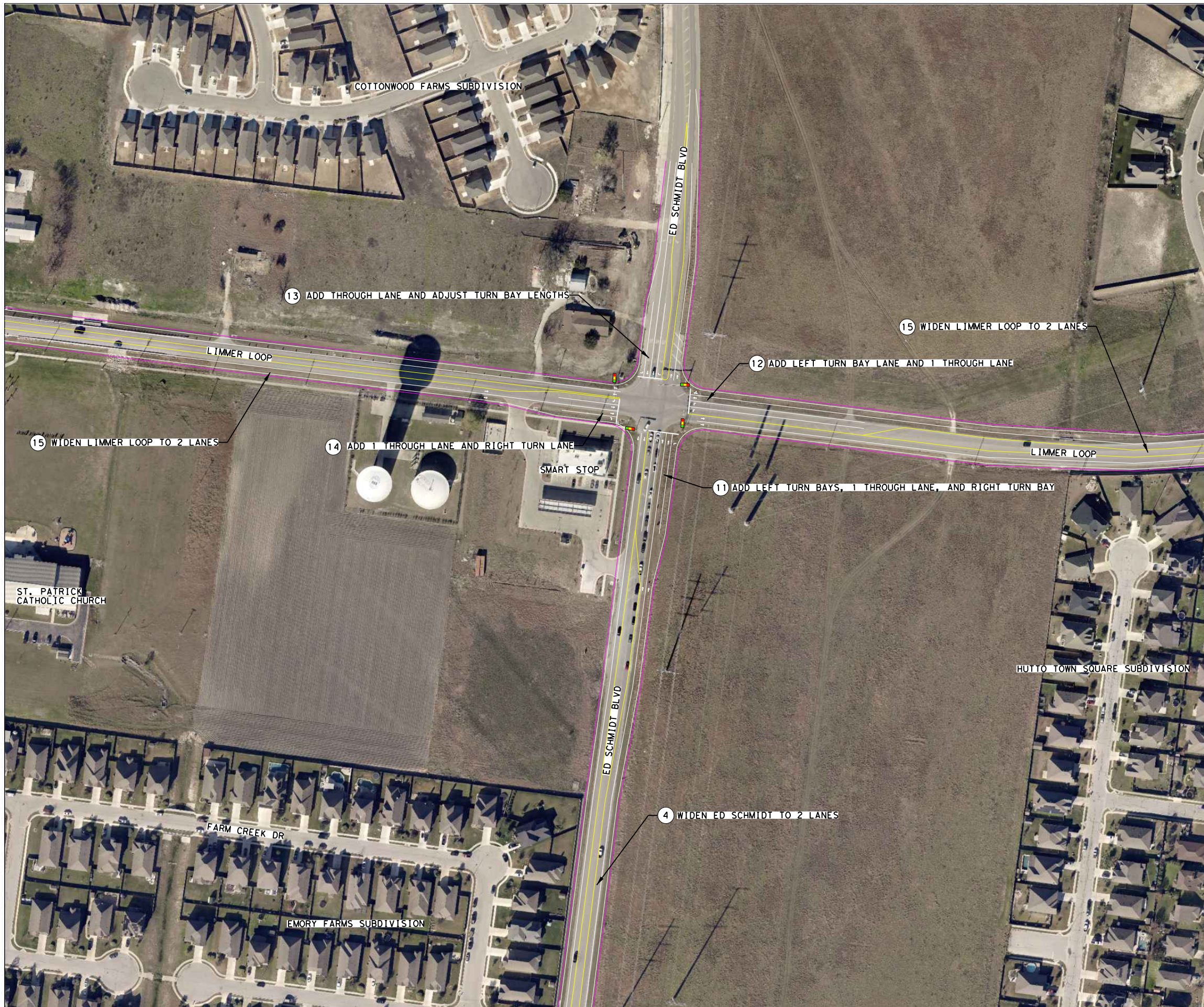
ED SCHMIDT BLVD
PROPOSED
IMPROVEMENTS
AT EMORY FARMS/LIVE OAK

SHEET 2 OF 3

FED. RD. DIV. NO.	FEDERAL AID PROJECT		SHEET NO.
14	SEE TITLE SHEET		
STATE	DISTRICT	COUNTY	
TEXAS	AUS	WILLIAMSON	
CONTROL	SECTION	JOB	HIGHWAY
2176	01	010	ED SCHMIDT

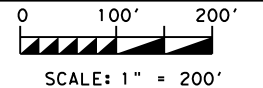
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SUMMARY OF PROPOSED WORK:

- ④ WIDEN ED SCHMIDT BLVD TO 2 LANES.
- ⑪ ADD LEFT TURN BAYS, 1 THROUGH LANE, AND RIGHT TURN BAY.
- ⑫ ADD LEFT TURN BAY LANE AND 1 THROUGH LANE.
- ⑬ ADD THROUGH LANE AND ADJUST TURN BAY LENGTHS.
- ⑭ ADD 1 THROUGH LANE AND RIGHT TURN LANE.
- ⑮ WIDEN LIMMER LOOP TO 2 LANES.



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ED SCHMIDT BLVD
PROPOSED
IMPROVEMENTS
AT LIMMER LOOP

SHEET 3 OF 3		FEDERAL AID PROJECT		SHEET NO.
FED. RD. DIV. NO.	14	SEE TITLE SHEET		
STATE	DISTRICT	COUNTY		
TEXAS	AUS	WILLIAMSON		
CONTROL	SECTION	JOB	HIGHWAY	
2176	01	010	ED SCHMIDT	

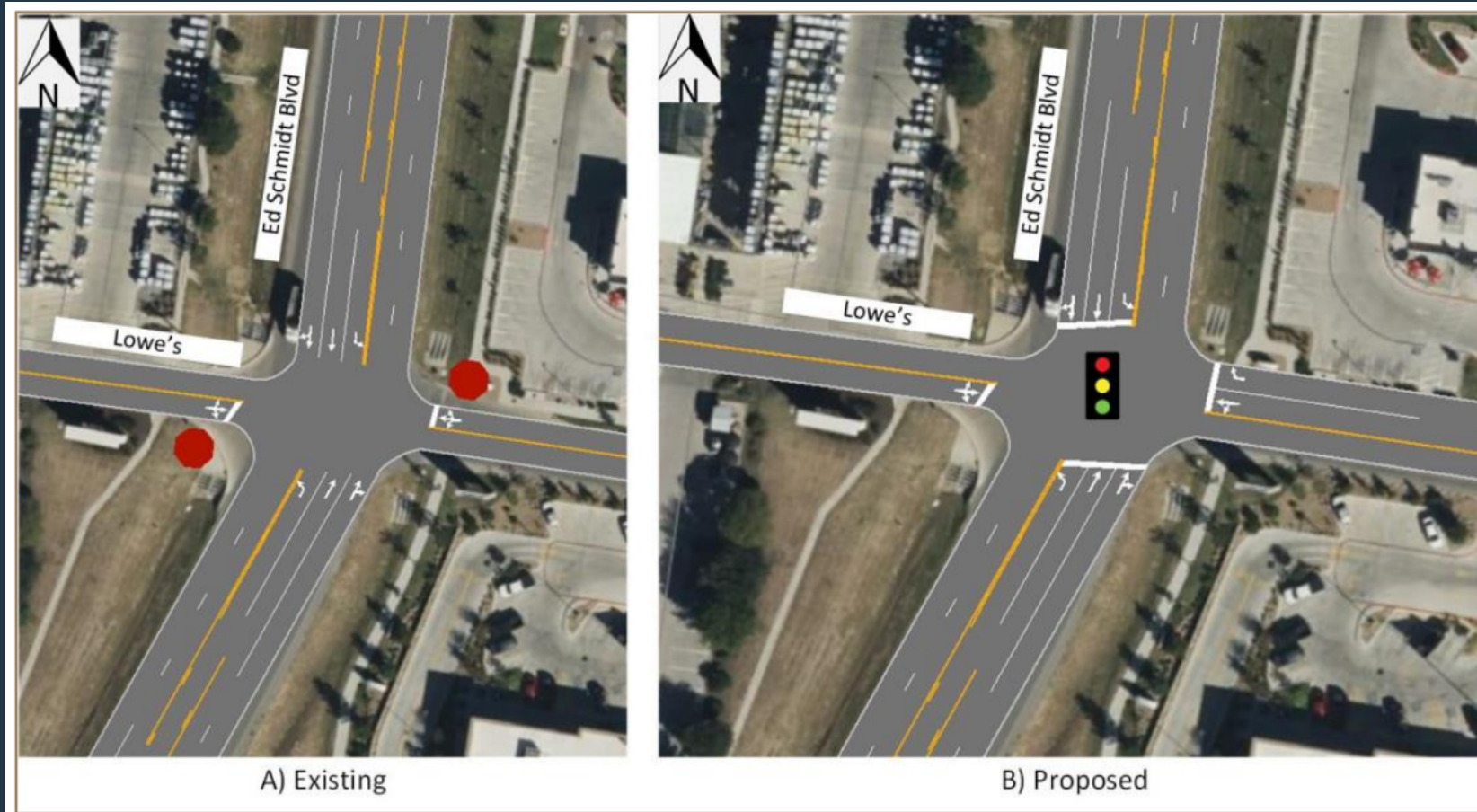
Ed Schmidt At Limmer Loop



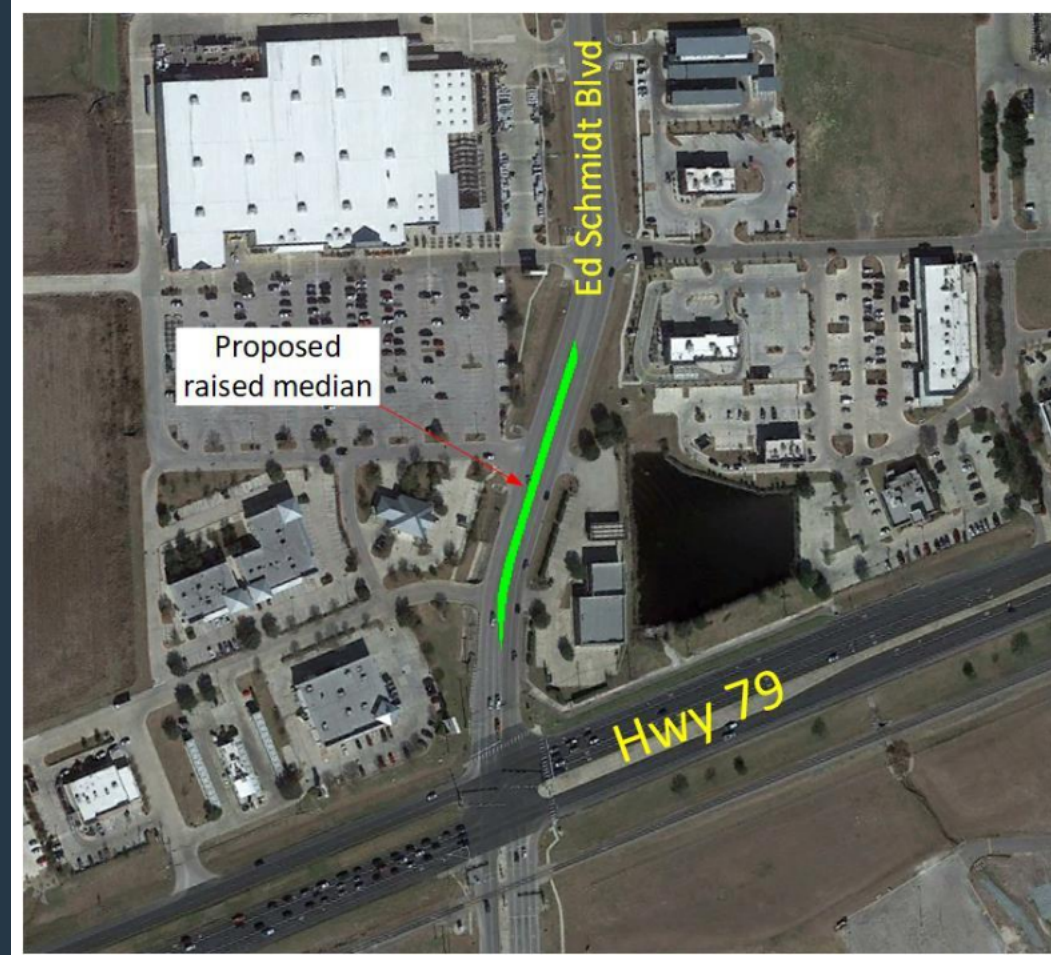
Ed Schmidt At Emory Farms/Live Oak



Ed Schmidt At Lowes



Safety



AGENDA ITEM REPORT

10.2.



To: City Council
Subject: Discussion and possible action regarding Diversity, Equity, and Inclusion (DE&I) training options (Irene Talioaga)
Meeting: Thursday, October 19, 2023
Department: Human Resources /
Staff Contact: Irene Talioaga

BACKGROUND INFORMATION:

Council requested to search for DEI Training for all Council Members. The Human Resources Department will present training options for consideration.

SUMMARY OF REQUEST:

Stan Kimer's proposal: \$1,500 (virtual), \$2,000 (in person). The consultant will cover any expenses above \$500. TrainUp cost is \$3,295.00. LinkedIn Learning is free. Texas Diversity Awareness Training Class ranges from \$25 to \$55 depending on length of class.

STAFF REVIEW:

FISCAL NOTES:

There is currently \$14,300 budgeted in City Council's general fund training and development budget (10-010-002-6502). However, there are no funds earmarked DEI training. Approving this training will reduce the amount of funds available for strategic planning sessions, or a budget amendment or transfer will be needed to increase funding in this account.

ATTACHMENTS:

1. TrainUp
2. Consultant Stan Kimer_Hutto_City Council DEI Training proposal
3. Texas Diversity Awareness Training Class

TrainUP Diversity Equity and Inclusion Certificate Program

Course Description

Leaders at all levels must be active and qualified advocates of diversity and inclusion (D&I) to ensure it's part of the organization's culture and business strategy. This unique 3-day certificate program goes beyond standard D&I courses, and helps you develop skills to become a champion of diversity and a leader of inclusive teams. You'll learn to recognize the uniqueness and multidimensional aspects of individual identity, understand biases on a deeper level, and explore behaviors that promote trust. You will also gain knowledge and tools to help you foster a thriving culture that promotes these values. Apply what you learn in a specially designed, interactive capstone project.

How You Will Benefit

- Learn the nature of biases and how to overcome them
- Identify emotionally intelligent leadership communication strategies
- Apply mindfulness practices when individuals or teams experience difficult situations
- Enhance your abilities to hold and participate in meetings that are inclusive
- Take ownership of helping to create and manage a culture of respect, civility and trust

What You Will Cover

- Learning how our brains process information and how biases are created
- Differentiating between overt and unconscious bias
- Applying strategies for cultural and communication awareness when managing healthy conflict
- Identifying emotionally intelligent leadership communication strategies
- Assessing your team's stress level and mood to remain optimistic and productive
- Developing skills for facilitating a team's ability to work effectively together
- Identifying unhealthy practices and behaviors in the workplace
- Taking steps to implement a healthy culture of respect, civility and trust
- Identifying strengths and development needs using the inclusive leadership assessment
- Honing the art of inclusive meetings
- Building an inclusive leader action plan
- Capstone activity: Applying skills in a real-world scenario

Agenda

Introduction to Diversity and Inclusion

- Establish a common language through definitions.
- Understand the business imperative for diversity and inclusion in the workplace.
- Reflect on the multidimensional, multicultural aspects of individual identity.

Bridging Communication Differences

- Describe the importance of flexing with communication style preferences as an inclusive leader.
- Explain your preferred communication style and those of others.
- Recognize obstacles that ineffective listening can cause.
- Identify the two types of micro-messages and recognize micro-inequities.

Emotional Intelligence and Diversity and Inclusion

- Understand the relationship between Emotional Intelligence and Diversity.
- Identify strengths and development needs using the Inclusive Leadership Assessment.
- Develop a skill for facilitating teams' ability to work effectively together.
- Identify intercultural leaders' challenges.

Leading a Successful Multicultural Team

- Identify strengths and development needs using the Inclusive Leadership Assessment.
- Develop skills for facilitating a team's ability to work effectively together.
- Identify your ideal network to accomplish your goals and advance your career.
- Identify leadership challenges.

Conducting Difficult Conversations Successfully

- Use a model to hold difficult conversations.
- Identify characteristics of debate, discussion, and dialogue.
- Practice dialogue in conversations.

Your Vision and Plan for an Inclusive Workplace

- Review the seminar's key tools and takeaways.
- Create an inclusive vision for your workplace.
- Build an Inclusive Leader Action Plan.

Capstone: Practice and Application

- Put into practice some of your instructional learnings and personal insights from this seminar.
- Use role-play to simulate real situations and interactions.
- Receive feedback to incorporate into your inclusive leadership development plan.
- Observe others' role-plays and provide them with thoughtful feedback.

Putting Your Plan into Action

- Distill what you've learned from the seminar instruction, activities, and capstone.
- Finalize your Inclusive Leader Action Plan

Location
Virtual Live

Date & Time
Nov 13, 2023
10:00 AM ET

Duration: Date & Time
3 Day(s)

Price: \$3295

Proposal – DEI and Sensitivity Training for the City of Hutto, Texas City Council

The city of Hutto Texas is a diverse growing city of over 30,000 people, just northeast of Austin. Currently, the population is:

- 45% White non-Hispanic
- 32% Hispanic
- 14% Black / African-American
- 3% Asian
- 6% Multi-racial and Native American

Within a diverse city with a diverse city council, there can easily be misunderstandings and miscommunication between the citizens and between the city leadership. To continue to grow as a vibrant, inclusive city where all residents feel valued and welcome, positive diversity, equity and inclusion training for the leadership is crucial.

Already publicly on their website, the city of Hutto has established a Diversity and Inclusion Commission and proclaims:

“The City of Hutto acknowledges that the history of discrimination in the United States of America continues to affect the privilege and/or lack of opportunity for people in the City; and the City of Hutto acknowledges that equality occurs when differences such as race, ethnicity, religion, gender, economic status, sexual orientation/gender identification, veteran status, marital status, language, age, disability, etc. do not determine a person's economic, social, or political access.

The Diversity and Inclusion Commission shall, to the extent possible, be broadly representative of economic status, race, color, religion, gender, national origin, ancestry, marital status, physical or mental disability, sexual orientation and gender identity.”

In 2022, this commission has received meaningful in depth diversity, equity and inclusion training geared specifically for a commission like this to provide a common base for all commission members and to give them tools to move forward in an impactful way. A logical next step is to provide similar training but with additional information and tools to the city council.

Stan Kimer of Total Engagement Consulting by Kimer is proposing a 4 hour workshop that can be delivered in person in one session, or presented virtually in one 4-hour session or divided into two 2-hour segments. Realizing that the members of the city council may have full time jobs, the consultant / trainer is agreeable to a Sunday session or a very late afternoon / evening session.

Training outline:

- Setting a base level of diversity, equity and inclusion to build a shared language
 - Diversity Theories, Constructs and Framework
 - An interactive exercise – appreciating your own diversity: the different aspects of diversity / making this a positive discussion
 - Terms and definitions
 - Business Case / Rationale for DEI – why this is important to the city of Hutto
- Exploring unconscious bias – “not knowing what we don’t know”
 - Basic definitions and the physiology of unconscious bias – what causes it and why is it there?
 - The many different variations of unconscious bias and how it can manifest itself in individual and organizational interactions.
 - An introduction to organizational unconscious bias
 - May include one or two interesting and impactful videos for discussion
 - The importance of being allies to diverse communities to address unconscious bias
 - How to recognize and address unconscious bias
- How to grow into an inclusive leader
 - Qualities and attributes of an inclusive leader
 - The inclusion continuum – moving from aware → active → advocate
 - What does it mean to be an ally or an advocate?
 - Actions that inclusive advocates take
 - How to have those “tough conversations”
 - Understanding some hard and deep areas: racism, sexism, white supremacy culture and more
- Diversity of language and communications
 - The criticality of communications / terms / words within diverse communities
 - Introducing cultural competence
 - Communications norms across the generations
 - An overview of difference in communications with people of different races, from various cultures and countries
 - Hints and tips for effective communications in diverse settings
 - A survey of “proper” and “forbidden” words and terms in various constituencies
- Digging deeper into cultural competence – a key skill. Cultural competence is the ability to interact effectively and appropriately in a variety of cultural contexts, which is becoming increasingly critical in today’s complex diverse business environment. Contents include:
 - Terms and definitions: Emotional Intelligence, Cultural Intelligence, Cultural Competence
 - Recognizing bias and ethnocentrism
 - Ten attributes of cultural competence

- Understanding your own cultural orientation
- Building and enhancing your cultural competence skills
- How to “learn in public” – being able to provide and receive correction in a respectful way. Includes “meaningful apology” and “taking ownership.”
- Action planning and summary
- Taking action and next steps: personally and as a council

A detailed 15-20 page handout would be provided along with the training.

Cost: \$1,500 if provided virtually

\$2,000 maximum if done in person. Travel to be billed at the lesser of \$500 or actual cost. Consultant will cover any travel expenses above \$500.

Past municipal clients:

- City of Greensboro, NC
- Charlotte – Mecklenburg NC Police Dept
- Durham County NC Dept of Social Services
- Town of Chapel Hill, NC
- City of Fairborn, Ohio police and fire departments
- Wake County NC Public Schools

Trainer’s bio next page

**Stan C. Kimer, Founder and President, Total Engagement Consulting by Kimer
Consultant / Vice President of Training – National Diversity Council**



Stan C. Kimer, founder and president of Total Engagement Consulting, and National Diversity Council consultant and trainer, is recognized as an internal/external consultant with unique skills in employee development/career mapping, workplace diversity (all areas but with deep specialization in LGBT – Lesbian, Gay, Transgender), and organization effectiveness/leadership development. Stan formed his own consultancy around these areas in 2010 following a 31-year successful diverse, multi-functional career at IBM.

While at IBM as Director of Global Sales Operations for IBM's consulting practice, Stan served as the executive sponsor overseeing career development for IBM's 3,000 Sales Operations employees. He has now executed his unique innovative career mapping approach which he launched at IBM, with clients ranging from major corporations to church denominations to professional organizations. During his four years on IBM's global corporate diversity staff, Stan led IBM into industry leadership in LGBT diversity and established IBM's procedures for supporting transgender employees and assisting with case management of employees undergoing gender transition while in the workplace.

Since forming his own consulting practice, Stan has trained or spoken in over 125 venues reaching over 7,500 professionals. He is a certified Out and Equal Workplace Advocates Building Bridges Trainer and a certified Training Management Corp / Berlitz Cultural Competency Trainer / Practitioner. Within the transgender arena, Stan has provided training to client employee and HR teams and has assisted with case management of gender transitions in the workplace.

Stan received his MBA from the University of Chicago Booth School of Business and BS in Management Science from Georgia Tech. Since forming his own consultancy in 2010, Stan has provided diversity and career development consulting and training to dozens of clients, small and large, across multiple industries. In addition, he currently serves on the National Diversity Council's DiversityFIRST Certification Program faculty, and has designed and facilitates their Employee Resource Group Academy, Inclusive Recruiting and Unconscious Bias training programs.

In his spare time, Stan trains as a competitive adult figure skater.

Texas Diversity Awareness Training Class

This course meets general continuing professional development (CPD) and continuing professional education (CPE) requirements.

Many employers strive to ensure that discrimination does not occur in the workplace. The Diversity Awareness Training Class provides information regarding Title VII of the Civil Rights Act of 1964, the Age Discrimination in Employment Act (ADEA), the Equal Employment Opportunity Act (EEO), and the Americans with Disabilities Act (ADA).

Diversity awareness training is generally completed on initial assignment and at least annually thereafter. Our Diversity Awareness Training Class provides information on the value of diversity, protected categories, stereotypes, breaking down barriers, how to optimize diversity, handling complaints, and laws that apply to diversity.

The Diversity Awareness Training Class may also be known by one of the following names:

- Cultural Awareness Class
- Cultural Awareness Course
- Cultural Awareness Training
- Cultural Competency Class
- Cultural Competency Course
- Cultural Competency Training
- Cultural Sensitivity Class
- Cultural Sensitivity Course
- Cultural Sensitivity Training
- Diversity Awareness Class
- Diversity Awareness Course
- Diversity Class
- Diversity Course
- Diversity Equity and Inclusion (DEI) Training
- Diversity Training
- Diversity and Inclusion Class
- Diversity and Inclusion Course
- Diversity and Inclusion Training
- Diversity and Inclusivity Training
- Diversity in the Workplace Class
- Diversity in the Workplace Course
- Diversity in the Workplace Training
- Equity and Diversity Training
- Equity, Diversity, and Inclusion (EDI) Training
- Sensitivity Class
- Sensitivity Course
- Sensitivity Training

- Sensitivity Training in the Workplace
- Workplace Diversity Awareness Class
- Workplace Diversity Awareness Course
- Workplace Diversity Awareness Training
- Workplace Diversity Class
- Workplace Diversity Course
- Workplace Diversity Training
- Workplace Sensitivity Class
- Workplace Sensitivity Course
- Workplace Sensitivity Training

Time Requirement

The Diversity Awareness Training Class is offered in minimum time requirements of one (1), three (3), four (4), or twelve (12) hours. A timer is provided to help you keep track of time spent within the course. You may start and stop the Diversity Awareness Training Class as often as you'd like and your progress will be saved each time. The entire Diversity Awareness Training Class can be completed online and does not require you to call a staff member or visit an office to complete the program.

Course Topics

The Diversity Awareness Training Class is presented in twelve (12) separate sections which address the following topics:

1. What is diversity
2. Legal overview
3. Protected categories
4. The value of diversity
5. Stereotypes
6. Breaking down the barriers
7. Optimizing diversity
8. Diversity complaints as an employee
9. Diversity complaints as a manager
10. Diversity complaints as an organization
11. Civil Rights Act
12. Resources and references

Certificate of Completion

At course completion a certificate of completion will be instantly available for download and will be sent to you by email. The certificate can also be sent by email to the party that has required that you complete this Diversity Awareness Training Class.

AGENDA ITEM REPORT

11.1.



To: City Council
Subject: Consideration and possible action on Resolution No. R-2023-271 authorizing the City Manager to purchase Bergkamp HT-06-20 Asphalt Patch Truck for an amount of \$280,201.25 from Houston Freightliner through HGACBuy HT06-20 Agreement (Rick Coronado)
Meeting: Thursday, October 19, 2023
Department: Public Works /
Staff Contact: Rick Coronado

BACKGROUND INFORMATION:

As part of the focus on improving street maintenance, a street asphalt patch truck was proposed for FY 23-24 to improve pot hole and shoulder road maintenance. This equipment will supplement the overall street maintenance improvement plan and will be operated by Public Works staff year-round. The proposed Patcher Truck will also serve as a sand spreader asset during emergency ice events. The technology for the heating element runs on an electrical generator and does not require propane (flameless). This vehicle and equipment is used routinely in the Central Texas area and will serve as an asset to Public Works Operations.

SUMMARY OF REQUEST:

Approval of resolution as presented.

STAFF REVIEW:

Staff recommends approval. The City of Hutto is a member of HGACBuy (Helping Governments Across the Country Buy).

FISCAL NOTES:

This item is being funded by the General Fund (10-040-060-6603). The budget for this line item in FY 2024 is \$674,950. There have been no encumbrances to date in this line item. If this agreement is awarded, there will be \$394,749 in remaining funds available in this line item for FY 2024.

ATTACHMENTS:

1. 20231016 Hutto Res Purchasing Patch hole truck
2. FP5_solesourceletterhuttotx
3. FP5Equipmentshutto_Specs10_2023
4. HGAC Worksheet City of Hutto M2-106 w Bergkamp Patcher 10-3-23

AGENDA ITEM REPORT

11.1.



-
5. Freightliner 2025 M2 106 Plus regular cab
 6. tips2025doggettfreightliner.102023
 7. BuyBoard_Truck proposal
 8. BuyBoard_City of Hutto HV607 tar spreader quote
 9. Hutto - Bergkamp TIPS Quote
 10. Hutto_Addendum_Houston-Freightliner-HB-1295-No-Boycott-Provisions

RESOLUTION NO. R-2023-271

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, APPROVING THE PURCHASE CONTRACT BETWEEN HOUSTON FREIGHTLINER AND THE CITY OF HUTTO IN THE AMOUNT OF \$280,201.25 FOR BERGKAMP FP5 FLAMELESS PATCHER TRUCK; AUTHORIZING THE CITY MANAGER TO EXECUTE THE INVOICE/BUYER'S ORDER PROCURED THROUGH THE HOUSTON GALVESTON AREA COUNCIL (HGAC) BUY BOARD HT06-20 AGREEMENT; PROVIDING PROPER NOTICE & MEETING, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Hutto ("City") desires to improve street maintenance and City staff propose purchasing truck equipment to assist with maintenance; and

WHEREAS, the City desires to approve the purchase contract between Houston Freightliner and the City for the Bergkamp FP5 Flameless Patcher truck in the amount of \$280,201.25; and

WHEREAS, the City Council desires to authorize the City Manager to execute the invoice/buyer's order, attached as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

Section 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

Section 2: The Hutto City Council hereby approves and authorizes the City Manager to execute the invoice/buyer's order, attached as Exhibit A, a copy of same the being attached hereto and incorporated herein for all purposes.

Section 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

Section 4. This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 19th day of October 2023 on vote of __AYES; __NAYS; __ABSTENTIONS.

THE CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary



October 2, 2023

To whom it may concern:

Over the past twenty plus years, the Bergkamp FP5 Flameless Patcher has proven itself to be the safest and most user friendly machine of its type available in North America. Please consider this listing of features/options that make this machine unique and qualifies Bergkamp as a sole source provider of a flameless patching machine.

The Bergkamp FP5 Flameless Patcher is currently the only patching machine in North America offering electric heating during both working and nonworking hours combined with the advantage of the air assisted tack system.

During working hours the generator is the power source for the electric heating tubes that run the full length of the hopper to deliver an even, consistent heat throughout the hopper. Contrast this to machines with propane burners that concentrate the heat over the burners. With the all electric system, there is no propane to purchase, no hot oil to be drained from the machine's hot oil bath and replenished, no flame burning under the machine etc.

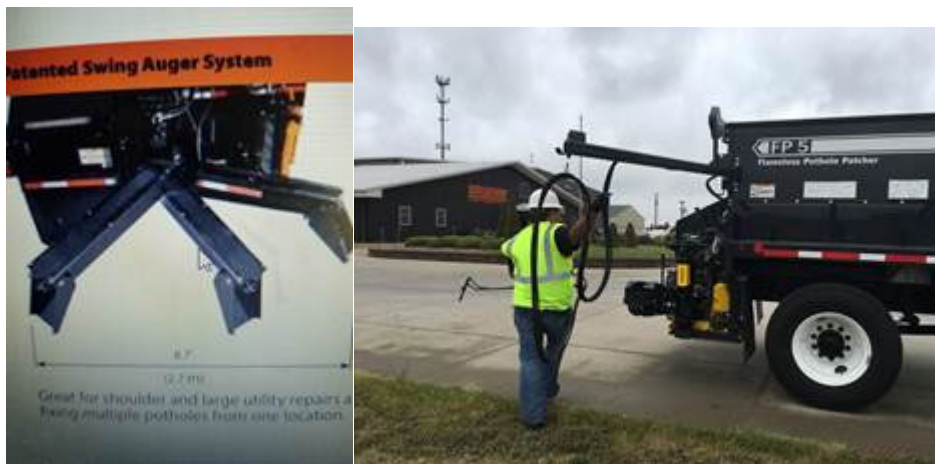
The FP5's unique air assisted tack system is important in that it provides the operators with compressed air for first cleaning the repair area (which is far more efficient than using brooms) and then delivering the tack in a measured way, similar to spraying with an aerosol can. When the operator is finished, the air sucks the excess tack back to the tack tank, cleaning all the way from the nozzle to the tank. Most manufacturers run the emulsion (tack coat) over gear pumps which tends to shear the material.

Only Bergkamp heats the emulsion (tack coat) electrically. The outside of the inner tank is wrapped with an electric heat band and in turn shrouded with insulation and then covered by the outer tank cover. This means there is no direct contact between the heat sensitive emulsions and the heat source and the material is not overcooked. Other manufacturers run lines from the truck's cooling system into the emulsion tank and as it is hard to regulate the heating, the material overcooks and much of it is wasted.



No other patching machine offers the diamond tread service platform at the front of the machine housing all material tanks and providing a safe place for operator to stand and spray down the material hopper prior to loading hot mix. When the hopper doors open, the auger automatically shuts down to insure that the operator would not be injured if he enters the hopper.

The FP5 can be equipped with the patented swing auger option which allows for the mix to easily be placed from wheel well to wheel well.



No other patcher is equipped with the pivot tack system which keeps the air and tack lines above the operator to prevent him from tripping on lines when he is in traffic and to insure that the lines are not dragged through wet emulsion.



Bergkamp FP5 is the only machine that offers a rear mounted spoils bin for very important safety reasons. Other manufacturers place the bins behind the truck cab which means the operators walk into traffic to dump the asphalt removed from the repair area. The FP5's second spoils bin is mounted onto the curb side of the machine which keeps operators on the curbside of the machine.

Bergkamp Inc is the only provider of the InPave System telematics which allows users to quickly verify the machine's functions and performance.

Please let me know if you have questions or concerns.

Respectfully submitted,

Jennifer A Straus

**Jennifer A. Straus
Sales Project Manager**



Equipment Quote

9/17/2023

CITY OF HUTTO
HUTTO, TX

I am proud to represent Bergkamp Inc. and our effort to provide the best equipment for your Pavement Preservation dollars. Thank you for the opportunity to quote your equipment needs.

Quoted Equipment with Selected Upgrades and Options:

FP5 Flameless All-In-One Pothole Patcher	\$107,300.00
Standard Mounting for FP	\$7,795.00
80 Gallon Heated Tack Tank	\$11,100.00
Swing Auger	\$15,250.00
Plate Compactor	\$7,045.00
67 lb Pavement Breaker	\$8,585.00
Pivot Tack System	\$4,310.00
Able 2 10 Light LED Arrowboard	\$1,980.00
Single Front Mounted LED Strobe Light	\$1,085.00
Dual Rear Mounted LED Night Work Lights	\$1,370.00
Single Cone Holder - Curbside Mount	\$310.00
Back Up Camera - Includes 1 way communication	\$2,625.00
Upgrade Backup Camera with Back Chat 2-Way Intercom System	\$650.00
Sand Spreader System	\$15,065.00
Freight Cost	\$2,429.25
Equipment SubTotal	\$186,899.25
Customer Supplied Patcher Chassis	\$0.00
Equipment SubTotal	\$0.00
Total	\$186,899.25

Terms & Conditions:

- Terms: Net 30 days from receipt of Equipment. All prices quoted are in US Dollars (USD). Factory completion will be determined after receipt of signed sales agreement and down payment, based on availability and lead time of components. If the lead times or availability for the components required to complete the machine get extended after the assignment of a completion date, Bergkamp's lead time for completion will be extended as well. Should this occur, our sales team will be in touch with you to discuss updated completion times.



- Chassis prices are subject to change up until time of delivery due to manufacturer added surcharges and additional fees. Bergkamp will keep you posted if there are any changes to the chassis price once we are made aware.
- Kansas sales tax will be charged on the amount of the sale if the equipment is picked up by the **Customer** in Kansas. Otherwise, the customer's local sales tax will apply. Applicable Federal Excise Taxes (FET) will be collected on the paver, options, and mounting. All applicable taxes will be applied to the final invoice.
- **Customer** is solely responsible for insuring units are configured and loaded in order to comply with all manufacturer's guidelines and local, state and national laws. Bergkamp Inc. assumes no responsibility or liability associated with compliance with these regulations.

Thank you again for the opportunity, and I look forward to working with you. This proposal shall remain in force for a term of 30 Days, or until **(10/17/2023)**. If you have further questions, please call M:(254) 717-3664 or O:(785) 825-1375 or you may email me at jennifers@bergkampinc.com.

Sincerely,

Jennifer Straus
Sales Project Manager
Bergkamp Inc.



CONTRACT PRICING WORKSHEET

For MOTOR VEHICLES Only

Contract
No.:

HT06-20

Date
Prepared:

10/3/2023

This Worksheet is prepared by Contractor and given to End User. If a PO is issued, both documents MUST be faxed to H-GAC @ 713-993-4548. Therefore please type or print legibly.

Buying Agency:	CITY OF HUTTO	Contractor:	Houston Freightliner
Contact Person:		Prepared By:	Adam Neuse
Phone:		Phone:	713-580-8148
Fax:		Fax:	
Email:		Email:	adam.neuse@houstonfreightliner.com

Product Code:	D5	Description:	M2-106, Conventional Cab, SBFA, SRA (PRL-20M)
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A. Product Item Base Unit Price Per Contractor's H-GAC Contract: 69847

B. Published Options - Itemize below - Attach additional sheet(s) if necessary - Include Option Code in description if applicable.

(Note: Published Options are options which were submitted and priced in Contractor's bid.)

Description	Cost	Description	Cost
B6.7 260 HP 660 LB FT TQ ENGINE	3302	Back Up Alarm	33
3500 RDS AUTOMATIC TRANSMISSION	5033	AM/FM/WB Radio with Bluetooth	368
193" Wheelbase	688	12,000 LB FLAT LEAF FRONT SUSPENSION	350
11/32x3-1/2x10-3/16" Frame 120KSI	398	Fuel/Water Separator w/Water in Fuel Sensor	169
Front Tow Hooks	56		
Air Cab Mounts	91		
Dual West Coast Mirrors w/LH-RH Remote	215		
LH/RH Electric Windows	164		
LH/RH Electric Door Locks	74		
Basic High Back Air Driver Seat	159	Berkamp FP5 Flameless All-In-One Pothole Patcher	186899.25
Basic High Back Air Susp Pass Seat	191	Subtotal From Additional Sheet(s):	
Adjustable Steering Column	359	Subtotal B:	198549.25

C. Unpublished Options - Itemize below / attach additional sheet(s) if necessary.

(Note: Unpublished options are items which were not submitted and priced in Contractor's bid.)

Description	Cost	Description	Cost
OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIR	180		
		Subtotal From Additional Sheet(s):	0
		Subtotal C:	180

Check: Total cost of Unpublished Options (C) cannot exceed 25% of the total of the Base Unit Price plus Published Options (A+B).

For this transaction the percentage is:

0%

D. Total Cost Before Any Applicable Trade-In / Other Allowances / Discounts (A+B+C)

Quantity Ordered:	1	X Subtotal of A + B + C:	268576.25	=	Subtotal D:	268576.25
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E. H-GAC Order Processing Charge (Amount Per Current Policy) **Subtotal E:** 1500

F. Trade-Ins / Special Discounts / Other Allowances / Freight / Installation / Miscellaneous Charges

Description	Cost	Description	Cost
Freightliner Standard Destination Charge	3375	25MY/24CY Pricing Surcharge	3750
		M2/SD Plus Model Escalator	3000
		Subtotal F:	10125

Delivery Date:

G. Total Purchase Price (D+E+F):

280201.25

Prepared For :
Ed Tanuis
BERGKAMP INC
3040 Emulsion Dr
SALINA, KS 67401
UNITED STATES
Phone : 785-825-1375

Prepared by:
Bob Scharpnick
ORLANDO FREIGHTLINER
2455 S. ORANGE BLOSSOM TRAIL
APOPKA, FL 32703
Phone :4072953846

SPECIFICATION PROPOSAL

Data Code	Description	Weight Front	Weight Rear
Price Level			
PRL-28M	M2 PRL-28M (EFF:MY25 ORDERS)		
Data Version			
DRL-008	SPECPRO21 DATA RELEASE VER 008		
Vehicle Configuration			
001-172	M2 106 PLUS CONVENTIONAL CHASSIS	5,709	3,450
004-225	2025 MODEL YEAR SPECIFIED		
002-004	SET BACK AXLE - TRUCK		
019-004	STRAIGHT TRUCK PROVISION, NON-TOWING		
003-001	LH PRIMARY STEERING LOCATION		
General Service			
AA1-002	TRUCK CONFIGURATION		
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
99D-029	EPA EMISSIONS CERTIFICATION FOR REGISTRATION OUTSIDE CARB STATES - EPA CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LEFT OF HOOD)		
AF2-998	NONE		
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE		
A84-1UT	UTILITY BUSINESS SEGMENT		
AA4-011	FIXED LOAD COMMODITY		
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
AB1-008	MAXIMUM 8% EXPECTED GRADE		
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
995-091	MEDIUM TRUCK WARRANTY		
A66-99D	EXPECTED FRONT AXLE(S) LOAD 12000.0 lbs		

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Data Code	Description	Weight Front	Weight Rear
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD 23000.0 lbs		
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY 35000.0 lbs		

Truck Service

AA3-006	UTILITY BODY
AF3-1J8	BERGKAMP INC.
AF7-99D	EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES 32.0 in

Engine

101-21V	CUM B6.7 260 HP @ 2400 RPM, 2600 GOV, 660 LB-FT @ 1600 RPM
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Electronic Parameters

79A-075	75 MPH ROAD SPEED LIMIT
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
79K-015	PTO MODE ENGINE RPM LIMIT - 2100 RPM
79P-003	PTO RPM WITH CRUISE SET SWITCH - 800 RPM
79Q-003	PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND
79V-001	FUEL DOSING OF AFTERTREATMENT ENABLED IN PTO MODE-CLEANS HYDROCARBONS AT HIGH TEMPERATURES ONLY
79W-024	CRUISE CONTROL BUTTON PTO CONTROL
79X-001	PTO SPEED 1 SETTING - 700 RPM
80C-001	ENGINE BRAKE WITH CRUISE CONTROL ENABLED AT 2 MPH ABOVE SET SPEED, 2 MPH INCREMENT BETWEEN BRAKING LEVELS
80E-001	ENGINE FAN ENABLED WITH RETARDER
80F-001	AUTOMATIC MAINTENANCE MONITOR WITH ALERT AT 5% OF INTERVAL REMAINING
80G-002	PTO MINIMUM RPM - 700
80J-001	REGEN INHIBIT SPEED THRESHOLD - 0 MPH

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Phone :4072953846

Data Code	Description	Weight Front	Weight Rear
80N-004	MAXIMUM ENGINE RPM = 1400 ON VSS FAILURE		
80S-018	PTO 1, WITH SWITCH, TEM SUPPLIED REQUEST AND INTERLOCKS, WITH PTO CONNECTIONS, NO FACTORY INTERLOCKS		
EA8-010	ENG PROT ON LOW COOLANT LEVEL - ENABLE		

Engine Equipment

99C-024	EPA 2010/GHG 2024 CONFIGURATION
13E-001	STANDARD OIL PAN
105-001	ENGINE MOUNTED OIL CHECK AND FILL
014-099	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE
292-205	(2) DTNA GENUINE, FLOODED STARTING, MIN 1900CCA, 350RC, THREADED STUD BATTERIES
290-017	BATTERY BOX FRAME MOUNTED
281-001	STANDARD BATTERY JUMPERS
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN
289-001	NON-POLISHED BATTERY BOX COVER
306-015	PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS
107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR
131-013	AIR COMPRESSOR DISCHARGE LINE
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM
128-076	CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE

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Data Code	Description	Weight Front	Weight Rear
28F-014	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER		
239-001	STANDARD EXHAUST SYSTEM LENGTH		
237-052	RH STANDARD HORIZONTAL TAILPIPE		
23U-001	6 GALLON DIESEL EXHAUST FLUID TANK		
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL		
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP		
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH		
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
110-003	CUMMINS SPIN ON FUEL FILTER		
118-001	FULL FLOW OIL FILTER		
266-100	700 SQUARE INCH ALUMINUM RADIATOR		
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT		
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
270-016	RADIATOR DRAIN VALVE		
168-002	LOWER RADIATOR GUARD		
134-001	ALUMINUM FLYWHEEL HOUSING		
132-004	ELECTRIC GRID AIR INTAKE WARMER		
155-057	DELCO 12V 29MT STARTER WITH INTEGRATED MAGNETIC SWITCH		
Transmission			
342-584	ALLISON 3500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60

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Data Code	Description	Weight Front	Weight Rear
Transmission Equipment			
343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV		
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES		
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY		
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84J-000	ENGINE BRAKE RANGE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84K-000	ENGINE BRAKE RANGE ALTERNATE PRESELECT RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE		
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED		
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES		
85F-074	MAXIMUM ENGINE SPEED FOR PTO OPERATION 4000 RPM		
85H-159	MAXIMUM OUTPUT SPEED FOR PTO OPERATION 4000 RPM - ALLISON 5TH GEN TRANSMISSIONS		
353-073	QUICKFIT BODY LIGHTING CONNECTOR UNDER CAB, WITH CAP		
34C-011	ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR		
362-823	CUSTOMER INSTALLED CHELSEA 280 SERIES PTO		

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Data Code	Description	Weight Front	Weight Rear
363-002	PTO MOUNTING, RH SIDE OF MAIN TRANSMISSION ALLISON & EATON FULLER		
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN		
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013		
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		

Front Axle and Equipment

400-1A6	DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE
402-049	MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
403-002	NON-ASBESTOS FRONT BRAKE LINING
419-001	CAST IRON OUTBOARD FRONT BRAKE DRUMS
409-006	FRONT OIL SEALS
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES
405-002	MERITOR AUTOMATIC FRONT SLACK ADJUSTERS
536-050	TRW THP-60 POWER STEERING
539-003	POWER STEERING PUMP
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR
40T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE

Front Suspension

620-1F0	12,000# DUAL TAPERLEAF FRONT SUSPENSION	42
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION	

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Data Code	Description	Weight Front	Weight Rear
410-001	FRONT SHOCK ABSORBERS		

Rear Axle and Equipment

420-1GK	DETROIT DA-RS-23.0-4 23,000# R-SERIES SINGLE REAR AXLE		30
421-614	6.14 REAR AXLE RATIO		
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
386-073	MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		
423-1AU	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, PLATINUM SHIELD FABRICATED SHOES		
433-002	NON-ASBESTOS REAR BRAKE LINING		
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
451-001	CAST IRON OUTBOARD REAR BRAKE DRUMS		
440-006	REAR OIL SEALS		
426-100	WABCO TRISTOP D LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
428-002	MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE		

Rear Suspension

622-1MJ	23,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER		110
621-001	SPRING SUSPENSION - NO AXLE SPACERS		
431-001	STANDARD AXLE SEATS IN AXLE CLAMP GROUP		

Pusher / Tag Equipment

429-998	NO PUSHER/TAG BRAKE DUST SHIELDS		
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Brake System

018-002	AIR BRAKE PACKAGE		
490-121	WABCO 4S/4M ABS WITH TRACTION CONTROL		
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID		

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Data Code	Description	Weight Front	Weight Rear
	CHASSIS AIR LINES		
904-001	FIBER BRAID PARKING BRAKE HOSE		
412-001	STANDARD BRAKE SYSTEM VALVES		
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
413-002	STD U.S. FRONT BRAKE VALVE		
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER		
479-015	AIR DRYER FRAME MOUNTED		
460-001	STEEL AIR BRAKE RESERVOIRS		
477-001	PULL CABLE ON WET TANK, PETCOCK DRAIN VALVES ON ALL OTHER AIR TANKS		

Trailer Connections

481-998	NO TRAILER AIR HOSE
476-998	NO AIR HOSE HANGER
310-998	NO TRAILER ELECTRICAL CABLE

Wheelbase & Frame

545-490	4900MM (193 INCH) WHEELBASE		
546-100	11/32X3-1/2X10-3/16 INCH STEEL FRAME (8.73MMX258.8MM/0.344X10.19 INCH) 120KSI	100	90
552-129	1025MM (40 INCH) REAR FRAME OVERHANG	1	
55W-003	FRAME OVERHANG RANGE: 31 INCH TO 40 INCH	30	-120
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) 127.36 in		
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) 124.36 in		
AE4-99D	CALC'D FRAME LENGTH - OVERALL 270.72 in		
FSS-0LH	CALCULATED FRAME SPACE LH SIDE 91.8 in		
FSS-0RH	CALCULATED FRAME SPACE RH SIDE 93.9 in		

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Data Code	Description	Weight Front	Weight Rear
553-001	SQUARE END OF FRAME		
550-001	FRONT CLOSING CROSSMEMBER		
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER		
561-001	STANDARD CROSSMEMBER BACK OF TRANSMISSION		
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
572-001	STANDARD REARMOST CROSSMEMBER		
565-001	STANDARD SUSPENSION CROSSMEMBER		

Chassis Equipment

556-1AP	THREE-PIECE 14 INCH PAINTED STEEL BUMPER WITH COLLAPSIBLE ENDS	30	
558-001	FRONT TOW HOOKS - FRAME MOUNTED	15	
574-001	BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
585-998	NO MUDFLAP BRACKETS		
590-998	NO REAR MUDFLAPS		
586-024	FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		
551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
44Z-002	EXTERIOR HARNESSSES WRAPPED IN ABRASION TAPE		
607-001	CLEAR FRAME RAILS FROM BACK OF CAB TO FRONT REAR SUSPENSION BRACKET, BOTH RAILS OUTBOARD		

Fifth Wheel

578-998	NO FIFTH WHEEL		
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Fuel Tanks

204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH	20	
218-005	RECTANGULAR FUEL TANK(S)		
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		
212-007	FUEL TANK(S) FORWARD		

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Data Code	Description	Weight Front	Weight Rear
232-510	10 GALLONS ADDITIONAL FUEL		
664-001	PLAIN STEP FINISH		
205-001	FUEL TANK CAP(S)		
122-1J2	DETROIT FUEL/WATER SEPARATOR WITH WATER IN FUEL SENSOR AND HAND PRIMER	-5	
216-020	EQUIFLO INBOARD FUEL SYSTEM		
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
Tires			
093-12C	HANKOOK AL21 11R22.5 14 PLY RADIAL FRONT TIRES	12	
094-2C6	HANKOOK DL11 11R22.5 14 PLY RADIAL REAR TIRES		60
Hubs			
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS		
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS		
Wheels			
502-753	MAXION WHEELS 91262 22.5X8.25 10-HUB PILOT 6.20 INSET 5-HAND STEEL DISC FRONT WHEELS	10	
505-753	MAXION WHEELS 91262 22.5X8.25 10-HUB PILOT 5-HAND STEEL DISC REAR WHEELS		20
496-011	FRONT WHEEL MOUNTING NUTS		
497-011	REAR WHEEL MOUNTING NUTS		
Cab Exterior			
829-071	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB		
650-008	AIR CAB MOUNTING		
678-001	LH AND RH GRAB HANDLES		
646-045	MOLD-IN COLOR GRILLE		
65X-011	MOLD-IN COLOR HOOD MOUNTED AIR INTAKE GRILLE		
644-004	FIBERGLASS HOOD		

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Data Code	Description	Weight Front	Weight Rear
690-998	NO NOISE SHIELD-ENG COMPARTMENT		
726-001	SINGLE ELECTRIC HORN		
575-001	REAR LICENSE PLATE MOUNT END OF FRAME		
312-043	INTEGRAL HEADLIGHT/MARKER ASSEMBLY		
302-047	LED AERODYNAMIC MARKER LIGHTS		
311-001	DAYTIME RUNNING LIGHTS		
294-090	OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE WIRING FOR COMBINED STOP/TURN LIGHTS TO FOUR FEET BEYOND END OF FRAME		-5
300-015	STANDARD FRONT TURN SIGNAL LAMPS		
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE		
797-001	DOOR MOUNTED MIRRORS		
796-001	102 INCH EQUIPMENT WIDTH		
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS		
729-001	STANDARD SIDE/REAR REFLECTORS		
677-016	DUAL LEVEL CAB ENTRY STEPS ON BOTH SIDES		
768-043	63X14 INCH TINTED REAR WINDOW		
661-003	TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS		
654-011	RH AND LH ELECTRIC POWERED WINDOWS		
663-013	1-PIECE SOLAR GREEN GLASS WINDSHIELD		
659-019	2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED		

Cab Interior

055-019	RUGGED TRIM PACKAGE
707-107	GRAY & CARBON VINYL INTERIOR "RUGGED"
70K-020	CARBON WITH PREMIUM GUNMETAL ACCENT (RUGGED)

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Data Code	Description	Weight Front	Weight Rear
706-013	MOLDED PLASTIC DOOR PANEL		
708-013	MOLDED PLASTIC DOOR PANEL		
772-006	BLACK MATS WITH SINGLE INSULATION		
785-027	(2) 12V DASH MOUNTED POWER OUTLETS		
691-001	FORWARD ROOF MOUNTED CONSOLE		
693-019	LH AND RH DOOR STORAGE POCKETS INTEGRATED INTO MOLDED DOOR PANELS		
738-021	DIGITAL ALARM CLOCK IN DRIVER DISPLAY		
742-007	(2) CUP HOLDERS LH AND RH DASH		
680-029	M2/SD DASH		
720-002	2-1/2 LB. FIRE EXTINGUISHER	5	
714-001	FIRST AID KIT	2	
700-002	HEATER, DEFROSTER AND AIR CONDITIONER		
701-001	STANDARD HVAC DUCTING		
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH		
170-015	STANDARD HEATER PLUMBING		
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR		
702-002	BINARY CONTROL, R-134A		
739-033	STANDARD INSULATION		
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES		
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM		
324-1B3	STANDARD LED CAB LIGHTING		
787-004	REMOTE KEYLESS ENTRY AND 2 TRANSMITTERS		
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME		

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Data Code	Description	Weight Front	Weight Rear
78G-004	KEY QUANTITY OF 4		
655-005	LH AND RH ELECTRIC DOOR LOCKS		
722-028	TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB	10	
756-338	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	30	
760-338	BASIC ISRINGHAUSEN HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH MECHANICAL LUMBAR AND INTEGRATED CUSHION EXTENSION	25	10
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
758-1AK	BLACK VINYL DRIVER SEAT COVER		
761-1AK	BLACK VINYL PASSENGER SEAT COVER		
763-101	BLACK SEAT BELTS		
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN		
540-044	4-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL WITH SWITCHES		
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS		

Instruments & Controls

734-024	INTEGRATED UPPER & LOWER STORAGE PANELS		
87L-005	ENGINE REMOTE INTERFACE WITHOUT INTERLOCKS		
870-002	BRIGHT ARGENT FINISH GAUGE BEZELS		
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
840-001	DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE		
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
721-001	97 DB BACKUP ALARM		3
149-015	ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES		
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		

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Data Code	Description	Weight Front	Weight Rear
811-044	PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY		
81B-003	DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY		
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH		
844-001	2 INCH ELECTRIC FUEL GAUGE		
148-073	ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE		
48H-001	QUICKFIT POWERTRAIN INTERFACE CONNECTOR LOCATED BETWEEN SEATS WITH CAPS		
4C0-998	NO ADDITIONAL EXTRA SWITCH ACCUATORS		
48C-005	QUICKFIT PROGRAMMABLE INTERFACE CONNECTORS 1 & 2 BETWEEN SEATS WITH CAP		
163-014	ENGINE REMOTE INTERFACE CONNECTOR AT POWERTRAIN INTERFACE CONNECTOR		
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE		
867-004	ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER		
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
372-123	PTO CONTROLS FOR ENHANCED VEHICLE ELECTRIC/ELECTRONIC ARCHITECTURE		
736-998	NO OBSTACLE DETECTION SYSTEM		
72J-998	NO DR ASSIST SYSTEM		
49B-998	NO VEHICLE STABILITY ADVISOR OR CONTROL		
73B-998	NO LANE DEPARTURE WARNING SYSTEM		
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE		
35M-012	QUICKFIT PROGRAMMABLE INTERFACE MODULE + (8) 20 AMP FUSED RELAYS		
746-137	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939		
747-001	DASH MOUNTED RADIO		

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Data Code	Description	Weight Front	Weight Rear
750-002	(2) RADIO SPEAKERS IN CAB		
753-998	NO AM/FM RADIO ANTENNA		
75W-002	SHARKFIN MULTI-BAND ANTENNA: AM/FM/WEATHERBAND, WIFI/BLUETOOTH, SDAR/SIRIUSXM, GNSS/GPS		
74D-006	STANDARD RADIO WIRING WITH STEERING WHEEL CONTROLS		
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
817-001	STANDARD VEHICLE SPEED SENSOR		
812-001	ELECTRONIC 3000 RPM TACHOMETER		
813-1C8	DETROIT CONNECT PLATFORM HARDWARE		
8D1-303	3 YEARS DAIMLER CONNECTIVITY BASE PACKAGE (FEATURES VARY BY MODEL) POWERED BY DETROIT CONNECT		
6TS-005	TMC RP1226 ACCESSORY CONNECTOR LOCATED BEHIND PASSENGER SIDE REMOVEABLE DASH PANEL		
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP		
329-113	FOUR EXTRA HARDWIRED SWITCHES IN DASH, ROUTE TO UNDER CAB, CAPPED		
4C1-012	HARDWIRE SWITCH #1,ON/OFF LATCHING, 30 AMPS BATTERY POWER		
4C2-012	HARDWIRE SWITCH #2,ON/OFF LATCHING, 30 AMPS BATTERY POWER		
4C3-018	HARDWIRE SWITCH #3, ON/OFF LATCHING, 20 AMPS BATTERY POWER		
4C4-016	HARDWIRE SWITCH #4, ON/OFF LATCHING, 20 AMPS IGNITION POWER		
81Y-006	PRE-TRIP INSPECTION FEATURE FOR EXTERIOR LAMPS AND SERVICE BRAKES		
264-033	STEERING WHEEL MOUNTED ELECTRIC HORN CONTROL		
883-998	NO TRAILER HAND CONTROL BRAKE VALVE		
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		

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Phone : 785-825-1375

Prepared by:
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2455 S. ORANGE BLOSSOM TRAIL
APOPKA, FL 32703
Phone :4072953846

Data Code	Description	Weight Front	Weight Rear
304-030	ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT FOR OPTIONAL FOG/ROAD LAMPS		
882-018	ONE VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR		
299-020	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT		
298-046	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH 40 AMP (20 AMP PER SIDE) TRAILER LAMP CAPACITY		

Design

065-000	PAINT: ONE SOLID COLOR
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Color

980-5F6	CAB COLOR A: L0006EY WHITE ELITE EY
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
964-6Z7	BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX
969-998	NO CAB/BODY EXTERIOR DECALS
963-003	STANDARD E COAT/UNDERCOATING

Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS
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Secondary Factory Options

998-001	CORPORATE PDI CENTER IN-SERVICE ONLY
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TOTAL VEHICLE SUMMARY

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight+	6236 lbs	3708 lbs	9944 lbs
Total Weight+	6236 lbs	3708 lbs	9944 lbs

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Other Factory Charges

PMV-024	GHG24 SURCHARGE - CUMMINS
PNV-998	NO CARB24 PRICING IMPACT
RD1-303	3 YRS DAIMLER CONNECTIVITY BASE PKG (VARY BY MODEL) POWERED BY DETRIOT CONNECT
RAC-42N	M2/SD PLUS ESCALATOR
RAG-020	CUMMINS TARIFF CHARGE - \$205
RAU-025	MY25 ESCALATOR
RFY-022	FRONT TIRE SURCHARGE
RFU-022	REAR TIRE SURCHARGE
P73-2FT	STANDARD DESTINATION CHARGE

(+) Weights Shown are estimates only.
If weight is critical, contact Customer Application Engineering.

(**) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.

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500 E SCHILLING
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S P E C I F I C A T I O N P R O P O S A L

Description
Price Level
M2 PRL-28M (EFF:MY25 ORDERS)
Data Version
SPECPRO21 DATA RELEASE VER 012
Vehicle Configuration
M2 106 PLUS CONVENTIONAL CHASSIS 2025 MODEL YEAR SPECIFIED SET BACK AXLE - TRUCK STRAIGHT TRUCK PROVISION, NON-TOWING LH PRIMARY STEERING LOCATION
General Service
TRUCK CONFIGURATION DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES) EPA EMISSIONS CERTIFICATION FOR REGISTRATION OUTSIDE CARB STATES - EPA CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LEFT OF HOOD) NO STATE/PROVINCE INITIAL REGISTRATION SELECTED UTILITY/REPAIR/MAINTENANCE SERVICE GOVERNMENT BUSINESS SEGMENT FIXED LOAD COMMODITY TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS MAXIMUM 8% EXPECTED GRADE SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE



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Description

MEDIUM TRUCK WARRANTY
EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs
EXPECTED REAR DRIVE AXLE(S) LOAD :
23000.0 lbs
EXPECTED GROSS VEHICLE WEIGHT CAPACITY
: 35000.0 lbs

Truck Service

UTILITY BODY
BERGKAMP INC.
EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE
FRAME "XX" INCHES : 32.0 in

Engine

CUM B6.7 260 HP @ 2400 RPM, 2600 GOV, 660
LB-FT @ 1600 RPM

Electronic Parameters

75 MPH ROAD SPEED LIMIT
CRUISE CONTROL SPEED LIMIT SAME AS ROAD
SPEED LIMIT
PTO MODE ENGINE RPM LIMIT - 2100 RPM
PTO RPM WITH CRUISE SET SWITCH - 800 RPM
PTO RPM WITH CRUISE RESUME SWITCH - 800
RPM
PTO GOVERNOR RAMP RATE - 250 RPM PER
SECOND
FUEL DOSING OF AFTERTREATMENT ENABLED
IN PTO MODE-CLEANS HYDROCARBONS AT
HIGH TEMPERATURES ONLY
CRUISE CONTROL BUTTON PTO CONTROL
PTO SPEED 1 SETTING - 700 RPM
ENGINE BRAKE WITH CRUISE CONTROL
ENABLED AT 2 MPH ABOVE SET SPEED, 2 MPH
INCREMENT BETWEEN BRAKING LEVELS
ENGINE FAN ENABLED WITH RETARDER
AUTOMATIC OIL LIFE MONITOR WITH ALERT AT
5% OF INTERVAL REMAINING
PTO MINIMUM RPM - 700
REGEN INHIBIT SPEED THRESHOLD - 0 MPH
MAXIMUM ENGINE RPM = 1400 ON VSS FAILURE
PTO 1, WITH SWITCH, TEM SUPPLIED REQUEST
AND INTERLOCKS, WITH PTO CONNECTIONS,
NO FACTORY INTERLOCKS



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Description

ENG PROT ON LOW COOLANT LEVEL - ENABLE

Engine Equipment

EPA 2010/GHG 2024 CONFIGURATION
STANDARD OIL PAN
ENGINE MOUNTED OIL CHECK AND FILL
SIDE OF HOOD AIR INTAKE WITH FIREWALL
MOUNTED DONALDSON AIR CLEANER
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD
ALTERNATOR WITH REMOTE BATTERY VOLT
SENSE
(2) DTNA GENUINE, FLOODED STARTING, MIN
1900CCA, 350RC, THREADED STUD BATTERIES
BATTERY BOX FRAME MOUNTED
STANDARD BATTERY JUMPERS
SINGLE BATTERY BOX FRAME MOUNTED LH
SIDE UNDER CAB
WIRE GROUND RETURN FOR BATTERY CABLES
WITH ADDITIONAL FRAME GROUND RETURN
NON-POLISHED BATTERY BOX COVER
PROGRESSIVE LOW VOLTAGE DISCONNECT AT
12.3 VOLTS FOR DESIGNATED CIRCUITS
CUMMINS TURBOCHARGED 18.7 CFM AIR
COMPRESSOR WITH INTERNAL SAFETY VALVE
STANDARD MECHANICAL AIR COMPRESSOR
GOVERNOR
AIR COMPRESSOR DISCHARGE LINE
ELECTRONIC ENGINE INTEGRAL SHUTDOWN
PROTECTION SYSTEM
CUMMINS ENGINE INTEGRAL BRAKE WITH
VARIABLE GEOMETRY TURBO ON/OFF
RH OUTBOARD UNDER STEP MOUNTED
HORIZONTAL AFTERTREATMENT SYSTEM
ASSEMBLY WITH RH HORIZONTAL TAILPIPE
ENGINE AFTERTREATMENT DEVICE,
AUTOMATIC OVER THE ROAD REGENERATION
AND VIRTUAL REGENERATION REQUEST
SWITCH IN CLUSTER
STANDARD EXHAUST SYSTEM LENGTH
RH STANDARD HORIZONTAL TAILPIPE
6 GALLON DIESEL EXHAUST FLUID TANK
100 PERCENT DIESEL EXHAUST FLUID FILL
LH MEDIUM DUTY STANDARD DIESEL EXHAUST
FLUID TANK LOCATION



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Description

STANDARD DIESEL EXHAUST FLUID PUMP
MOUNTING
STANDARD DIESEL EXHAUST FLUID TANK CAP
AIR POWERED ON/OFF ENGINE FAN CLUTCH
AUTOMATIC FAN CONTROL WITHOUT DASH
SWITCH, NON ENGINE MOUNTED
CUMMINS SPIN ON FUEL FILTER
FULL FLOW OIL FILTER
700 SQUARE INCH ALUMINUM RADIATOR
ANTIFREEZE TO -34F, OAT (NITRITE AND
SILICATE FREE) EXTENDED LIFE COOLANT
GATES BLUE STRIPE COOLANT HOSES OR
EQUIVALENT
CONSTANT TENSION HOSE CLAMPS FOR
COOLANT HOSES
RADIATOR DRAIN VALVE
LOWER RADIATOR GUARD
ALUMINUM FLYWHEEL HOUSING
ELECTRIC GRID AIR INTAKE WARMER
DELCO 12V 29MT STARTER WITH INTEGRATED
MAGNETIC SWITCH

Transmission

ALLISON 3500 RDS AUTOMATIC TRANSMISSION
WITH PTO PROVISION

Transmission Equipment

ALLISON VOCATIONAL PACKAGE 223 -
AVAILABLE ON 3000/4000 PRODUCT FAMILIES
WITH VOCATIONAL MODELS RDS, HS, MH AND
TRV
ALLISON VOCATIONAL RATING FOR ON/OFF
HIGHWAY APPLICATIONS AVAILABLE WITH ALL
PRODUCT FAMILIES
PRIMARY MODE GEARS, LOWEST GEAR 1,
START GEAR 1, HIGHEST GEAR 6, AVAILABLE
FOR 3000/4000 PRODUCT FAMILIES ONLY
SECONDARY MODE GEARS, LOWEST GEAR 1,
START GEAR 1, HIGHEST GEAR 6, AVAILABLE
FOR 3000/4000 PRODUCT FAMILIES ONLY
PRIMARY SHIFT SCHEDULE RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE

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SECONDARY SHIFT SCHEDULE
RECOMMENDED BY DTNA AND ALLISON, THIS
DEFINED BY ENGINE AND VOCATIONAL USAGE

PRIMARY SHIFT SPEED RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE

SECONDARY SHIFT SPEED RECOMMENDED BY
DTNA AND ALLISON, THIS DEFINED BY ENGINE
AND VOCATIONAL USAGE

ENGINE BRAKE RANGE PRESELECT
RECOMMENDED BY DTNA AND ALLISON, THIS
DEFINED BY ENGINE AND VOCATIONAL USAGE

ENGINE BRAKE RANGE ALTERNATE
PRESELECT RECOMMENDED BY DTNA AND
ALLISON, THIS DEFINED BY ENGINE AND
VOCATIONAL USAGE

FUEL SENSE 2.0 DISABLED - PERFORMANCE -
TABLE BASED

DRIVER SWITCH INPUT - DEFAULT - NO
SWITCHES

MAXIMUM ENGINE SPEED FOR PTO
OPERATION 4000 RPM

MAXIMUM OUTPUT SPEED FOR PTO
OPERATION 4000 RPM - ALLISON 5TH GEN
TRANSMISSIONS

QUICKFIT BODY LIGHTING CONNECTOR UNDER
CAB, WITH CAP

ELECTRONIC TRANSMISSION WIRING TO
CUSTOMER INTERFACE CONNECTOR

CUSTOMER INSTALLED CHELSEA 280 SERIES
PTO

PTO MOUNTING, RH SIDE OF MAIN
TRANSMISSION ALLISON & EATON FULLER

MAGNETIC PLUGS, ENGINE DRAIN,
TRANSMISSION DRAIN, AXLE(S) FILL AND
DRAIN

PUSH BUTTON ELECTRONIC SHIFT CONTROL,
DASH MOUNTED

TRANSMISSION PROGNOSTICS - ENABLED 2013

WATER TO OIL TRANSMISSION COOLER, IN
RADIATOR END TANK

TRANSMISSION OIL CHECK AND FILL WITH
ELECTRONIC OIL LEVEL CHECK

SYNTHETIC TRANSMISSION FLUID (TES-295
COMPLIANT)

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Description

Front Axle and Equipment

DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74
DROP SINGLE FRONT AXLE

MERITOR 16.5X5 Q+ CAST SPIDER CAM FRONT
BRAKES, DOUBLE ANCHOR, FABRICATED
SHOES

NON-ASBESTOS FRONT BRAKE LINING

CAST IRON OUTBOARD FRONT BRAKE DRUMS

FRONT OIL SEALS

VENTED FRONT HUB CAPS WITH WINDOW,
CENTER AND SIDE PLUGS - OIL

STANDARD SPINDLE NUTS FOR ALL AXLES

MERITOR AUTOMATIC FRONT SLACK
ADJUSTERS

TRW THP-60 POWER STEERING

POWER STEERING PUMP

2 QUART SEE THROUGH POWER STEERING
RESERVOIR

CURRENT AVAILABLE SYNTHETIC 75W-90
FRONT AXLE LUBE

Front Suspension

12,000# DUAL TAPERLEAF FRONT SUSPENSION

MAINTENANCE FREE RUBBER BUSHINGS -
FRONT SUSPENSION

FRONT SHOCK ABSORBERS

Rear Axle and Equipment

DETROIT DA-RS-23.0-4 23,000# R-SERIES
SINGLE REAR AXLE

6.14 REAR AXLE RATIO

IRON REAR AXLE CARRIER WITH STANDARD
AXLE HOUSING

MXL 17T MERITOR EXTENDED LUBE MAIN
DRIVELINE WITH HALF ROUND YOKES

MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR
BRAKES, DOUBLE ANCHOR, FABRICATED
SHOES

NON-ASBESTOS REAR BRAKE LINING

BRAKE CAMS AND CHAMBERS ON FORWARD
SIDE OF DRIVE AXLE(S)

CAST IRON OUTBOARD REAR BRAKE DRUMS

REAR OIL SEALS

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Description

WABCO TRISTOP D LONGSTROKE 1-DRIVE
AXLE SPRING PARKING CHAMBERS
MERITOR AUTOMATIC REAR SLACK
ADJUSTERS
CURRENT AVAILABLE SYNTHETIC 75W-90 REAR
AXLE LUBE

Rear Suspension

23,000# 52 INCH VARIABLE RATE MULTI-LEAF
SPRING REAR SUSPENSION WITH LEAF
SPRING HELPER
SPRING SUSPENSION - NO AXLE SPACERS
STANDARD AXLE SEATS IN AXLE CLAMP
GROUP

Pusher / Tag Equipment

NO PUSHER/TAG BRAKE DUST SHIELDS

Brake System

AIR BRAKE PACKAGE
WABCO 4S/4M ABS WITH TRACTION CONTROL
REINFORCED NYLON, FABRIC BRAID AND WIRE
BRAID CHASSIS AIR LINES
FIBER BRAID PARKING BRAKE HOSE
STANDARD BRAKE SYSTEM VALVES
STANDARD AIR SYSTEM PRESSURE
PROTECTION SYSTEM
STD U.S. FRONT BRAKE VALVE
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE,
NO REAR PROPORTIONING VALVE
WABCO SYSTEM SAVER HP WITH INTEGRAL
AIR GOVERNOR AND HEATER
AIR DRYER FRAME MOUNTED
STEEL AIR BRAKE RESERVOIRS
PULL CABLE ON WET TANK, PETCOCK DRAIN
VALVES ON ALL OTHER AIR TANKS

Trailer Connections

NO TRAILER AIR HOSE
NO AIR HOSE HANGER
NO TRAILER ELECTRICAL CABLE

Wheelbase & Frame

4900MM (193 INCH) WHEELBASE

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	Description
N	11/32X3-1/2X10-3/16 INCH STEEL FRAME (8.73MMX258.8MM/0.344X10.19 INCH) 120KSI 1025MM (40 INCH) REAR FRAME OVERHANG FRAME OVERHANG RANGE: 31 INCH TO 40 INCH CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 127.36 in CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 124.36 in CALC'D FRAME LENGTH - OVERALL : 270.72 in CALCULATED FRAME SPACE LH SIDE : 91.8 in CALCULATED FRAME SPACE RH SIDE : 93.9 in SQUARE END OF FRAME FRONT CLOSING CROSSMEMBER STANDARD WEIGHT ENGINE CROSSMEMBER STANDARD CROSSMEMBER BACK OF TRANSMISSION STANDARD MIDSHIP #1 CROSSMEMBER(S) STANDARD REARMOST CROSSMEMBER STANDARD SUSPENSION CROSSMEMBER

Chassis Equipment

THREE-PIECE 14 INCH PAINTED STEEL
BUMPER WITH COLLAPSIBLE ENDS
FRONT TOW HOOKS - FRAME MOUNTED
BUMPER MOUNTING FOR SINGLE LICENSE
PLATE
NO MUDFLAP BRACKETS
NO REAR MUDFLAPS
FENDER AND FRONT OF HOOD MOUNTED
FRONT MUDFLAPS
GRADE 8 THREADED HEX HEADED FRAME
FASTENERS
EXTERIOR HARNESSSES WRAPPED IN
ABRASION TAPE
CLEAR FRAME RAILS FROM BACK OF CAB TO
FRONT REAR SUSPENSION BRACKET, BOTH
RAILS OUTBOARD

Fifth Wheel

NO FIFTH WHEEL

Fuel Tanks

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Description

50 GALLON/189 LITER SHORT RECTANGULAR
ALUMINUM FUEL TANK - LH
RECTANGULAR FUEL TANK(S)
PLAIN ALUMINUM/PAINTED STEEL
FUEL/HYDRAULIC TANK(S) WITH PAINTED
BANDS
FUEL TANK(S) FORWARD
10 GALLONS ADDITIONAL FUEL
PLAIN STEP FINISH
FUEL TANK CAP(S)
DETROIT FUEL/WATER SEPARATOR WITH
WATER IN FUEL SENSOR AND HAND PRIMER
EQUIFLO INBOARD FUEL SYSTEM
HIGH TEMPERATURE REINFORCED NYLON
FUEL LINE

Tires

HANKOOK AL21 11R22.5 14 PLY RADIAL FRONT
TIRES
HANKOOK DL11 11R22.5 14 PLY RADIAL REAR
TIRES

Hubs

CONMET PRESET PLUS PREMIUM IRON FRONT
HUBS
CONMET PRESET PLUS PREMIUM IRON REAR
HUBS

Wheels

MAXION WHEELS 91262 22.5X8.25 10-HUB PILOT
6.20 INSET 5-HAND STEEL DISC FRONT
WHEELS
MAXION WHEELS 91262 22.5X8.25 10-HUB PILOT
5-HAND STEEL DISC REAR WHEELS
FRONT WHEEL MOUNTING NUTS
REAR WHEEL MOUNTING NUTS

Cab Exterior

106 INCH BBC FLAT ROOF ALUMINUM
CONVENTIONAL CAB
AIR CAB MOUNTING
LH AND RH GRAB HANDLES
MOLD-IN COLOR GRILLE
MOLD-IN COLOR HOOD MOUNTED AIR INTAKE
GRILLE

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Description

FIBERGLASS HOOD
TUNNEL/FIREWALL LINER
SINGLE ELECTRIC HORN
REAR LICENSE PLATE MOUNT END OF FRAME
INTEGRAL HEADLIGHT/MARKER ASSEMBLY
LED AERODYNAMIC MARKER LIGHTS
DAYTIME RUNNING LIGHTS
OMIT STOP/TAIL/BACKUP LIGHTS AND PROVIDE
WIRING FOR COMBINED STOP/TURN LIGHTS TO
FOUR FEET BEYOND END OF FRAME
STANDARD FRONT TURN SIGNAL LAMPS
DUAL WEST COAST BRIGHT FINISH HEATED
MIRRORS WITH LH AND RH REMOTE
DOOR MOUNTED MIRRORS
102 INCH EQUIPMENT WIDTH
LH AND RH 8 INCH BRIGHT FINISH CONVEX
MIRRORS MOUNTED UNDER PRIMARY
MIRRORS
STANDARD SIDE/REAR REFLECTORS
63X14 INCH TINTED REAR WINDOW
TINTED DOOR GLASS LH AND RH WITH TINTED
NON-OPERATING WING WINDOWS
RH AND LH ELECTRIC POWERED WINDOWS
1-PIECE SOLAR GREEN GLASS WINDSHIELD
2 GALLON WINDSHIELD WASHER RESERVOIR
WITHOUT FLUID LEVEL INDICATOR, FRAME
MOUNTED

Cab Interior

RUGGED TRIM PACKAGE
GRAY & CARBON VINYL INTERIOR "RUGGED"
CARBON WITH PREMIUM GUNMETAL ACCENT
(RUGGED)
MOLDED PLASTIC DOOR PANEL
MOLDED PLASTIC DOOR PANEL
BLACK MATS WITH SINGLE INSULATION
(2) 12V DASH MOUNTED POWER OUTLETS
FORWARD ROOF MOUNTED CONSOLE
LH AND RH DOOR STORAGE POCKETS
INTEGRATED INTO MOLDED DOOR PANELS
DIGITAL ALARM CLOCK IN DRIVER DISPLAY
(2) CUP HOLDERS LH AND RH DASH



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Description

M2/SD DASH
2-1/2 LB. FIRE EXTINGUISHER
FIRST AID KIT
HEATER, DEFROSTER AND AIR CONDITIONER
STANDARD HVAC DUCTING
MAIN HVAC CONTROLS WITH RECIRCULATION
SWITCH
STANDARD HEATER PLUMBING
VALEO HEAVY DUTY A/C REFRIGERANT
COMPRESSOR
BINARY CONTROL, R-134A
STANDARD INSULATION
SOLID-STATE CIRCUIT PROTECTION AND
FUSES
12V NEGATIVE GROUND ELECTRICAL SYSTEM
STANDARD LED CAB LIGHTING
REMOTE KEYLESS ENTRY AND 2
TRANSMITTERS
DOOR LOCKS AND IGNITION SWITCH KEYED
THE SAME
KEY QUANTITY OF 4
LH AND RH ELECTRIC DOOR LOCKS
TRIANGULAR REFLECTORS KIT WITHOUT
FLARES SHIPPED LOOSE IN CAB
BASIC ISRINGHAUSEN HIGH BACK AIR
SUSPENSION DRIVERS SEAT WITH
MECHANICAL LUMBAR AND INTEGRATED
CUSHION EXTENSION
BASIC ISRINGHAUSEN HIGH BACK AIR
SUSPENSION PASSENGER SEAT WITH
MECHANICAL LUMBAR AND INTEGRATED
CUSHION EXTENSION
LH AND RH INTEGRAL DOOR PANEL ARMRESTS
BLACK VINYL DRIVER SEAT COVER
BLACK VINYL PASSENGER SEAT COVER
BLACK SEAT BELTS
ADJUSTABLE TILT AND TELESCOPING
STEERING COLUMN
4-SPOKE 18 INCH (450MM) BLACK STEERING
WHEEL WITH SWITCHES
DRIVER AND PASSENGER INTERIOR SUN
VISORS



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Description

Instruments & Controls

ELECTRONIC ACCELERATOR CONTROL
INTEGRATED UPPER & LOWER STORAGE
PANELS
ENGINE REMOTE INTERFACE WITHOUT
INTERLOCKS
BRIGHT ARGENT FINISH GAUGE BEZELS
LOW AIR PRESSURE INDICATOR LIGHT AND
AUDIBLE ALARM
DUAL NEEDLE PRIMARY AND SECONDARY AIR
PRESSURE GAUGE
INTAKE MOUNTED AIR RESTRICTION
INDICATOR WITHOUT GRADUATIONS
97 DB BACKUP ALARM
ELECTRONIC CRUISE CONTROL WITH
CONTROLS ON STEERING WHEEL SPOKES
KEY OPERATED IGNITION SWITCH AND
INTEGRAL START POSITION; 4 POSITION
OFF/RUN/START/ACCESSORY
PREMIUM INSTRUMENT CLUSTER WITH 5.0
INCH TFT COLOR DISPLAY
DIGITAL PANEL LAMP DIMMER SWITCH IN
DRIVER DISPLAY
HEAVY DUTY ONBOARD DIAGNOSTICS
INTERFACE CONNECTOR LOCATED BELOW LH
DASH
2 INCH ELECTRIC FUEL GAUGE
ENGINE REMOTE INTERFACE FOR REMOTE
THROTTLE
QUICKFIT POWERTRAIN INTERFACE
CONNECTOR LOCATED BETWEEN SEATS WITH
CAPS
NO ADDITIONAL EXTRA SWITCH ACCUATORS
QUICKFIT PROGRAMMABLE INTERFACE
CONNECTORS 1 & 2 BETWEEN SEATS WITH
CAP
ENGINE REMOTE INTERFACE CONNECTOR AT
POWERTRAIN INTERFACE CONNECTOR
ELECTRICAL ENGINE COOLANT TEMPERATURE
GAUGE
2 INCH TRANSMISSION OIL TEMPERATURE
GAUGE

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Description

ELECTRONIC OUTSIDE TEMPERATURE
SENSOR DISPLAY IN DRIVER MESSAGE
CENTER

ENGINE AND TRIP HOUR METERS INTEGRAL
WITHIN DRIVER DISPLAY

PTO CONTROLS FOR ENHANCED VEHICLE
ELECTRIC/ELECTRONIC ARCHITECTURE

NO OBSTACLE DETECTION SYSTEM

NO DR ASSIST SYSTEM

NO VEHICLE STABILITY ADVISOR OR CONTROL

NO LANE DEPARTURE WARNING SYSTEM

ELECTRIC ENGINE OIL PRESSURE GAUGE

QUICKFIT PROGRAMMABLE INTERFACE
MODULE + (8) 20 AMP FUSED RELAYS

AM/FM/WB WORLD TUNER RADIO WITH
BLUETOOTH, USB AND AUXILIARY INPUTS,
J1939

DASH MOUNTED RADIO

(2) RADIO SPEAKERS IN CAB

NO AM/FM RADIO ANTENNA

SHARKFIN MULTI-BAND ANTENNA:
AM/FM/WEATHERBAND, WIFI/BLUETOOTH,
SDAR/SIRIUSXM, GNSS/GPS

STANDARD RADIO WIRING WITH STEERING
WHEEL CONTROLS

ELECTRONIC MPH SPEEDOMETER WITH
SECONDARY KPH SCALE, WITHOUT
ODOMETER

STANDARD VEHICLE SPEED SENSOR

ELECTRONIC 3000 RPM TACHOMETER

DETROIT CONNECT PLATFORM HARDWARE

3 YEARS DAIMLER CONNECTIVITY BASE
PACKAGE (FEATURES VARY BY MODEL)
POWERED BY DETROIT CONNECT

TMC RP1226 ACCESSORY CONNECTOR
LOCATED BEHIND PASSENGER SIDE
REMOVEABLE DASH PANEL

IGNITION SWITCH CONTROLLED ENGINE STOP

FOUR EXTRA HARDWIRED SWITCHES IN DASH,
ROUTE TO UNDER CAB, CAPPED

HARDWIRE SWITCH #1, ON/OFF LATCHING, 30
AMPS BATTERY POWER

HARDWIRE SWITCH #2, ON/OFF LATCHING, 30
AMPS BATTERY POWER

Prepared for:
Jennifer
Straus
BERGKAMP INC
500 E SCHILLING
RD

SALINA, KS 67401
Phone: 254-717-3664

Prepared by:
Dana Plumpe
FREIGHTLINER OF AUSTIN
1701 SMITH ROAD
AUSTIN, TX 78721
Phone: 512-389-0000

Description

HARDWIRE SWITCH #3, ON/OFF LATCHING, 20
AMPS BATTERY POWER
HARDWIRE SWITCH #4, ON/OFF LATCHING, 20
AMPS IGNITION POWER
PRE-TRIP INSPECTION FEATURE FOR
EXTERIOR LAMPS AND SERVICE BRAKES
STEERING WHEEL MOUNTED ELECTRIC HORN
CONTROL
NO TRAILER HAND CONTROL BRAKE VALVE
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH
DRIVER DISPLAY
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR
WITH DELAY
ROTARY HEADLAMP SWITCH, MARKER
LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT
FOR OPTIONAL FOG/ROAD LAMPS
ONE VALVE PARKING BRAKE SYSTEM WITH
DASH VALVE CONTROL AUTONEUTRAL AND
WARNING INDICATOR
SELF CANCELING TURN SIGNAL SWITCH WITH
DIMMER, HEADLAMP FLASH,
WASH/WIPE/INTERMITTENT
INTEGRAL ELECTRONIC TURN SIGNAL
FLASHER WITH 40 AMP (20 AMP PER SIDE)
TRAILER LAMP CAPACITY

Design

PAINT: ONE SOLID COLOR

Color

CAB COLOR A: L0006EY WHITE ELITE EY
BLACK, HIGH SOLIDS POLYURETHANE CHASSIS
PAINT
POWDER WHITE (N0006EA) FRONT
WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
POWDER WHITE (N0006EA) REAR
WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
BUMPER PAINT: FP24812 ARGENT SILVER
DUPONT FLEX
NO CAB/BODY EXTERIOR DECALS
STANDARD E COAT/UNDERCOATING

Certification / Compliance

U.S. FMVSS CERTIFICATION, EXCEPT SALES
CABS AND GLIDER KITS



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Description

Secondary Factory Options

CORPORATE PDI CENTER IN-SERVICE ONLY

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.





HV607 SBA

Sales Proposal For:

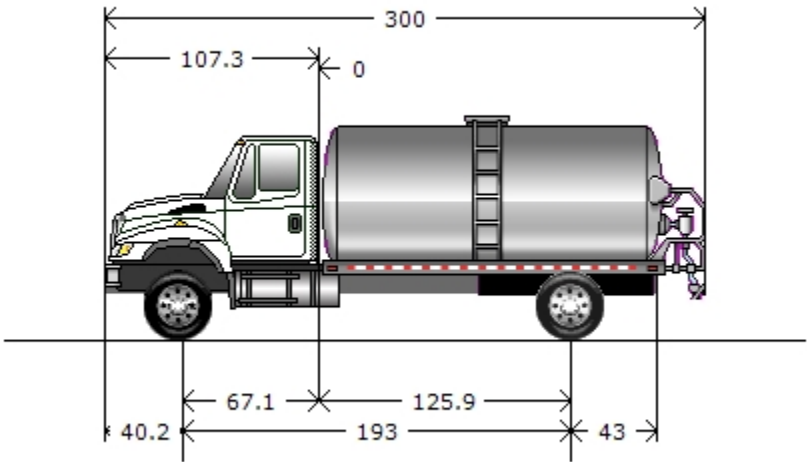
City of Hutto, Texas

Presented By:

SOUTHWEST INTL TRKS INC

Prepared For:
City of Hutto, Texas
Rick Coronado
401A W Front St.
Hutto, TX 78634-4203
(512)759 - 4019
Reference ID: N/A

Presented By:
SOUTHWEST INTL TRKS INC
Tanner K Bragg
2401 E PIONEER PKWY
ARLINGTON TX 76010 -
(817)461-2931



Model Profile
2024 HV607 SBA (HV607)

AXLE CONFIG:	4X2
APPLICATION:	Tar Spreader
MISSION:	Requested GVWR: 35000. Calc. GVWR: 35000. Calc. GCWR: 50000 Calc. Start / Grade Ability: 23.99% / 1.79% @ 55 MPH Calc. Geared Speed: 88.6 MPH
DIMENSION:	Wheelbase: 193.00, CA: 125.90, Axle to Frame: 43.00
ENGINE, DIESEL:	{Cummins B6.7 300} EPA 2024, 300HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 300 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	{Allison 3000 RDS} 6th Generation Controls, Close Ratio, 5-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	{Dana Spicer E-1202W} Wide Track, I-Beam Type, 12,000-lb Capacity
AXLE, REAR, SINGLE:	{Dana Spicer S23-172D} Single Reduction, 23,000-lb Capacity, Driver Controlled Locking Differential, R Wheel Ends Gear Ratio: 4.78
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 11R22.5 Load Range H HSR 3 (CONTINENTAL), 494 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, SINGLE:	23,500-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs
PAINT:	Cab schematic 100WL Location 1: 9219, Winter White (Std) Chassis schematic N/A

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
HV60700	Base Chassis, Model HV607 SBA with 193.00 Wheelbase, 125.90 CA, and 43.00 Axle to Frame.	6136/3644	9780
1570	TOW HOOK, FRONT (2) Frame Mounted	8/0	8
1ANA	AXLE CONFIGURATION {Navistar} 4x2	-43/-92	-135
	<u>Notes</u> : Pricing may change if axle configuration is changed.		
1CAG	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.250" x 3.610" x 0.375" (260.4mm x 91.7mm x 9.5mm); 456.0" (11582mm) Maximum OAL	149/170	319
1LEH	LICENSE PLATE HOLDER Single Plate, Swing Type, Mounted Below Front Bumper	3/0	3
1LLA	BUMPER, FRONT Swept Back, Steel, Heavy Duty	0/0	0
1MEJ	FRAME DIMPLE Dimple on Left and Right Top Flange of Frame Rail to Reference Rear Axle Centerline	0/0	0
1WGS	WHEELBASE RANGE 189" (480cm) Through and Including 256" (650cm)	271/-271	0
2AGE	AXLE, FRONT NON-DRIVING {Dana Spicer E-1202W} Wide Track, I-Beam Type, 12,000-lb Capacity	-9/0	-9
3ADC	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers	0/0	0
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications	0/0	0
	<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6		
4732	DRAIN VALVE {Berg} with Pull Chain, for Air Tank	0/0	0
4AZA	AIR BRAKE ABS {Bendix AntiLock Brake System} 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System	0/0	0
4EBS	AIR DRYER {Bendix AD-9} with Heater	18/10	28
4EXP	BRAKE CHAMBERS, FRONT AXLE {Bendix} 20 SqIn	2/0	2
4EXU	BRAKE CHAMBERS, REAR AXLE {Bendix EverSure} 30/30 SqIn Spring Brake	0/7	7
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake	1/0	1
4LAG	SLACK ADJUSTERS, FRONT {Gunite} Automatic	14/0	14
4LGG	SLACK ADJUSTERS, REAR {Gunite} Automatic	0/14	14
4SPA	AIR COMPRESSOR {Cummins} 18.7 CFM	0/0	0
4VKC	AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab	14/7	21

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
4VKH	AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Right Rail, Under Cab	0/0	0
4WBX	DUST SHIELDS, FRONT BRAKE for Air Cam Brakes	10/0	10
4WDM	DUST SHIELDS, REAR BRAKE for Air Cam Brakes	0/10	10
4XDP	BRAKES, FRONT {Meritor 16.5X5 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 5", 14,700-lb Capacity	-23/0	-23
4XDR	BRAKES, REAR {Meritor 16.5X7 Q-PLUS CAST} Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle	0/52	52
5708	STEERING COLUMN Tilting	14/1	15
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black	0/0	0
5PSA	STEERING GEAR {Sheppard M100} Power	0/0	0
6DGG	DRIVELINE SYSTEM {Dana Spicer} 1710, for 4x2/6x2	5/23	28
7BME	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail Back of Cab, Includes Single Short Horizontal Tail Pipe	0/0	0
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment	0/0	0
	<u>Includes</u> : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab : HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : STARTER SWITCH Electric, Key Operated : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted : WIRING, CHASSIS Color Coded and Continuously Numbered		
8GXD	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount, with Remote Sense	0/0	0
8HAB	BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn	2/0	2
8MSG	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 1980CCA Total, Top Threaded Stud	29/24	53
8RMV	SPEAKERS (2) 6.5" Dual Cone Mounted in Doors	5/0	5
8RPP	ANTENNA Shark Fin, Roof Mounted	1/0	1
8RPT	RADIO AM/FM/WB/Clock/USB Input/Auxiliary Input	3/0	3
8THB	BACK-UP ALARM Electric, 102 dBA	0/3	3
8TTR	BATTERY BOX Steel, with Plastic Cover, 30" Wide, 2-4 Battery Capacity, Mounted Right Side Under Cab	0/0	0
8VAY	HORN, ELECTRIC Disc Style	0/0	0

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade	0/0	0
8WPZ	TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights	0/0	0
8WTK	STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt, Less Thermal Over-Crank Protection	8/0	8
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm	0/0	0
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses	0/0	0
8XGT	TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender	0/0	0
8XHN	HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord	3/0	3
8XNY	HEADLIGHTS Halogen	0/0	0
8XPK	POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) with USB-A Port and USB-C Port, Located in the Instrument Panel	0/0	0
9AAB	LOGOS EXTERIOR Model Badges	0/0	0
9AAE	LOGOS EXTERIOR, ENGINE Badges	0/0	0
9HBM	GRILLE Stationary, Chrome	0/0	0
9WAC	BUG SCREEN Mounted Behind Grille	5/0	5
9WBC	FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV	0/0	0
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100	0/0	0
	<u>Includes</u> : PAINT SCHEMATIC ID LETTERS "WL"		
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone	0/0	0
10AGB	COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360	1/0	1
11001	CLUTCH Omit Item (Clutch & Control)	0/0	0
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection	0/0	0
12EXX	ENGINE, DIESEL {Cummins B6.7 300} EPA 2024, 300HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 300 Peak HP (Max)	0/0	0
12THT	FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed	0/0	0
	<u>Includes</u> : FAN Nylon		
12UWZ	RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 SqIn, with 1167 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler	23/-5	18
	<u>Includes</u> : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber		

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
12VBC	AIR CLEANER Single Element	0/0	0
12VJR	EMISSION, CALENDAR YEAR {Cummins B6.7} EPA, OBD and GHG Certified for Calendar Year 2024	0/0	0
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel	0/0	0
12WVG	EPA IDLE COMPLIANCE Low NOx Idle Engine, Complies with EPA Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood	0/0	0
12WZE	CARB IDLE COMPLIANCE Does Not Comply with California Clean Air Idle Regulations	0/0	0
12XBM	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls and Starter Lockout, with Ignition Switch Control, for Cummins B6.7 and L9 Engines	0/0	0
12XCS	CARB EMISSION WARR COMPLIANCE Does Not Comply with CARB Emission Warranty	0/0	0
13BCP	TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 6th Generation Controls, Close Ratio, 5-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway	224/59	283
13WET	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission	1/0	1
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints	0/0	0
13WUC	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223	0/0	0
13WVV	NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released	0/0	0
13WYU	SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming	0/0	0
13XAL	PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission	0/0	0
14AWK	AXLE, REAR, SINGLE {Dana Spicer S23-172D} Single Reduction, 23,000-lb Capacity, Driver Controlled Locking Differential, R Wheel Ends . Gear Ratio: 4.78	0/152	152
14VAH	SUSPENSION, REAR, SINGLE 23,500-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs	0/62	62
15LMS	FUEL/WATER SEPARATOR 12 VDC Electric Heater, Includes Pre-Heater, Includes Water-in-Fuel Sensor, Cummins Supplied on Engine	1/-1	0
15SGJ	FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 50 US Gal (189L), Mounted Left Side, Under Cab	24/2	26
15WDG	DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab	0/0	0
16030	CAB Conventional, Day Cab	0/0	0
16BAM	AIR CONDITIONER with Integral Heater and Defroster	0/0	0
16GED	GAUGE CLUSTER Base Level; English with English Electronic Speedometer	0/0	0

Includes

: GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
	Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/ Refill for : GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure : WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure (Primary and Secondary)		
16GHU	GRAB HANDLE, CAB INTERIOR (2) Safety Yellow	0/0	0
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission	1/0	1
16HHE	GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} Mounted in Instrument Panel	2/0	2
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster	0/0	0
16JNT	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust	0/0	0
16SMN	SEAT, PASSENGER {National} Non Suspension, High Back, Fixed Back, Integral Headrest, Vinyl	16/7	23
16SNP	MIRRORS (2) C-Loop, Power Adjust, Heated, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width	0/0	0
	<u>Notes</u> : Mirror Dimensions are Rounded to the Nearest 0.5"		
16VCC	SEAT BELT All Orange; 1 to 3	0/0	0
16VKB	CAB INTERIOR TRIM Classic, for Day Cab	0/0	0
	<u>Includes</u> : CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger : DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted : SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap		
16VLV	MONITOR, TIRE PRESSURE Omit	-10/-1	-11
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature	0/0	0
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood	0/0	0
16WSK	CAB REAR SUSPENSION Air Bag Type	0/0	0
16WSL	MIRROR, CONVEX, HOOD MOUNTED {Lang Mekra} (2) Right and Left Sides, Black 7.5" Sq.	11/0	11
16XJN	INSTRUMENT PANEL Flat Panel	0/0	0
16ZBT	ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab	0/0	0
27DUW	WHEELS, FRONT {Accuride 51408} DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs	-10/0	-10

<u>Code</u>	<u>Description</u>	<u>F/R Wt</u> (lbs)	<u>Tot Wt</u> (lbs)
28DUW	WHEELS, REAR {Accuride 51408} DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs	0/-20	-20
7372135444	(4) TIRE, REAR 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive	0/20	20
7382135439	(2) TIRE, FRONT 11R22.5 Load Range H HSR 3 (CONTINENTAL), 494 rev/mile, 75 MPH, All-Position	4/0	4
Services Section:			
40128	WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A	0/0	0
Total Component Weight:		6914/3877 (lbs)	10791 (lbs)
1	Bergkamp pothole patcher	0/0	0
Total Body Allied:		0/0 (lbs)	0 (lbs)

The weight calculations included in this proposal are an estimate of future vehicle weight. The actual weight as manufactured may be different from the estimated weight. Navistar, Inc. shall not be liable for any consequences resulting from any differences between the estimated weight of a vehicle and the actual weight.

Texas Local Government Purchasing Cooperative
The Buy Board

PRICING WORKSHEET					
Buying Agency: City of Hutto			Date Prepared 10/3/2023		
Southwest International Trucks			Contract 601-19		
Product Description: 2025 International HV607 4x2					
33,000 GVWR tar spreader			HV607 4x2 is base chassis		
Contact Person: Rick Coronado			Item: Base Chassis Bid		\$ 61,248.74
B: Options		Option cost is 80% of MSRP			
Two front tow hooks	67.20	Interior grab handles	26.40		
120,000 PSI frame rails with 193" CA	1,980.00	Air cleaner restriction gauge	24.00		
License plate holder	23.20	Allison temp gauge	38.40		
12,000 Lb. front axle and suspension	2,421.60	Fixed passenger seat	594.40		
Bendix air dryer with mounting	400.00	C-loop power mirrors	413.60		
Dust shields for brakes	84.00	Orange seat belts	20.80		
Tilting steering column	100.00	Fresh air filter	60.80		
Dana Spicer driveline system	76.80	Hood mounted mirrors	170.40		
Body builder wiring	80.00	11R22.5 Continental front and rear tires	1,896.80		
3 batteries 1980 CCA	82.40	2025 year model increase	6,486.38		
AM/FM radio	294.40				
Back up alarm/ Air horn	171.20				
Test exterior light switch	33.60				
Delco Remy starting motor	514.00				
Additional power source	87.20				
Bug screen	104.80				
Cummins B6.7 300 HP/660 torque	4,564.00				
EPA compliance sticker	97.00				
Engine control remote mounted	48.00				
Allison 3000 RDS transmission	8,980.80				
Stalk shifter/ synthetic transmission oil	\$202.40				
23,000 lb. rear axle with locking differential	\$3,137.20				
23,500 lb. rear spring suspension	\$2,135.20				
50 gallon aluminum fuel tank	\$580.00				
Subtotal Column 1:		\$ 26,265.00	Subtotal Column 2:		\$9,731.98
Total Options					\$ 35,996.98
CHASSIS WITH FACTORY OPTIONS					\$ 97,245.72
TOTAL BODY PRICE See attached body spec sheet					186,899.25
Bergkamp Inc. quote for FP5 potole patcher					
Additional Options:					
Buy Board Fee					400.00
Transportation					0.00
DOT Inspection with Fire Extinguisher and Road Flare Kit					500.00
TOTAL BUY BOARD PRICE					\$285,044.97
Calvin Lewis					PRICE IS SUBJECT TO FURTHER FACTORY INCREASES
Southwest International Trucks-McKinney.					
McKinney, Texas 75070					
Fax# 972-629-3601					
Office# 972-629-3608					Quote prepared by Tanner Bragg
E-mail Address: calvin.lewis@swit-tx.com					
To purchase this unit, please issue a purchase order to Southwest International Trucks, Inc. and send it to the Buy Board.					
We will order your truck when we receive notification from the Buy Board of your purchase order.					
Thank you,					
Calvin Lewis					



DOGETT FREIGHTLINER OF SOUTH TEXAS LLC - AUSTIN

1701 Smith Rd.
Austin, Texas 78721Bus: 512-389-0000
Fax: 512-389-2663

INV #:

DATE: 10/2/2024
INVOICE / BUYER'S ORDER

BUYER'S NAME CITY OF HUTTO				TELEPHONE 512-759-4015	
ADDRESS 500 W Live Oak Street				CITY Hutto	STATE TX
				ZIP CODE 78634	
YEAR 2025	MAKE Freightliner	MODEL/BODY M2106 / Bergkamp	VIN TBD	LICENSE PLATE	

A DOCUMENTARY FEE IS NOT AN OFFICIAL FEE. A DOCUMENTARY FEE IS NOT REQUIRED BY LAW, BUT MAY CHARGED TO BUYER FOR HANDLING DOCUMENTS RELATING TO THE SALE. A DOCUMENTARY FEE MAY NOT EXCEED A REASONABLE AMOUNT AGREED TO BY THE PARTIES. THIS NOTICE IS REQUIRED BY LAW.

UN PAGO DOCUMENTAL NO ES UN CARGO OFICIAL. LA LEYNO EXIGUE SE IMPONGA UN CARGO DOCUMENTAL. PERO ESTE PODRIA COBRARSE A LOS COMPRADORES POR EL MANEJO DE LA DOCUMENTACION EN RELACION CON LE VENTA. UN CARGO DOCMENTAL NO PUEDE EXCEDER UNA CANIDAD PAZONABLE ACORDADA POR LAS PARTES. ESTA NOTIFICACION SE EXIGUE POR LA LEY.

Disclaimer of Warranties

The above described vehicle sold by Freightliner of Austin is sold as is, without either express or implied warranties of any kind by Freightliner of Austin, including warranties of merchantability or fitness, and Buyer will bear the entire expense of repairing or correcting any defects that presently exist or that may occur in the vehicle, unless a written warranty by, or service contract with Freightliner of Austin covering the described vehicle is delivered to Buyer in conjunction with or within 90 days following the time of sale, but such vehicle or any of its component parts may be subject to warranty by the manufacturer thereof.

MILEAGE:

2025 New Freightliner M2106 Chassis

\$94,477.00

Bergkamp FP5 Flameless Patcher
Per Provided Specs

\$186,899.25

TIPS CONTRACT 200-802

MILEAGE:	MAKE	MODEL/BODY	VIN
YEAR			

MILEAGE:	TRADE-IN
YEAR	MAKE
	MODEL/BODY
	VIN

PAYOFF TO:		TOTAL	\$281,376.25
ADDRESS:		(Trade Allowance)	(\$0.00)
TELEPHONE:	FAX:	TRADING DIFFERENCE	\$281,376.25
GOOD UNTIL:		SALES TAX	\$0.00
QUOTED BY:		DEALER'S INVENTORY TAX	\$0.00
SHOW LIEN TO:		LICENSE FEE	\$0.00
ADDRESS:		DOCUMENTARY FEE	\$0.00
		FEDERAL EXCISE TAX	\$0.00
		State Insp.:	TOTAL SALE PRICE
DATED:			\$281,376.25
DRAFT FOR \$		License:	PAYOFF ON TRADE
DRAFT THRU:		Title:	EXT. WARRANTY
ADDRESS:		Transfer:	LESS DEPOSIT
			\$0.00
		Total Balance Due	\$281,376.25

**The Dealer's Inventory Tax charge is intended to reimburse the dealer for ad valorem taxes on its motor vehicle inventory. The charge, which is paid by the Dealer to the county tax assessor-collector, is not a tax imposed on a consumer by the government, and is not required to be charged by the dealer to the consumer.

The information you see on the window form for this vehicle is part of this contract. Information on the window form overrides any contrary provisions on the contract of sale.

La informacion que aparece en la ventanilla de este vehiculo forma parte de este contrato. La informacion contenida en el formulario de la ventanilla anula cualquier prevision que establezca contrato y que aparezca en el contrato de venta. If a credit purchase, this is an offer to purchase only. Buyer offers to purchase vehicle on credit terms described herein and no contractual relationship is created. This order does not constitute an agreement for the extension of credit. Manufacturer/Distributor reserves the right to change the price of new vehicles to Seller without notice. In the event that the price to Seller of the new vehicle ordered hereunder is changed prior to delivery to Buyer, Buyer agrees and accepts that the cash delivered price will be changed accordingly. If the Buyer's used vehicle trade-in is not delivered to the Seller until delivery of the new vehicle, the trade-in will be reappraised at that time and Buyer agrees that such reappraised value shall determine the allowance, if any, made for the trade-in. Buyer agrees to deliver the original bill of sale and the title to an trade-in along with the delivery of the trade-in and further agrees to execute and all documents necessary or required to transfer legal title and ownership to Seller or its assigns. Buyer warrants the trade-in to be his property and free and clear of all liens and encumbrances except as otherwise noted herein. Buyer further warrants that the trade-in has not been declared rebuilt salvage, reconditioned, nonrepairable, or flood damaged and that the emission systems have not been tampered with and are in the condition as originally manufactured, except for ordinary wear, unless so disclosed. Seller makes no representations, concerning fuel economy of the sale unit and any information posted on the sale unit or contained in literature relating to the same reflect the results of tests performed, required or prescribed by government agency, upon which Seller has relied. It is expressly agreed to and understood by Buyer and Seller that in the event of a non-credit transaction, Seller retains a security interest in the purchased vehicle until such time as Buyer has paid the Seller for the vehicle. Buyer agrees to all the above listed charges.

BUYER'S SIGNATURE: _____

SELLER'S SIGNATURE: _____

DATE: _____

ADDENDUM PIGGYBACK CONTRACT
BETWEEN CITY OF HUTTO AND HOUSTON FREIGHTLINER, INC.
REGARDING ONE ASPHALT PATCH TRUCK PURCHASE
HB 1295 COMPLIANCE AND NO BOYCOTT PROVISIONS

Pursuant to the **CITY OF HUTTO** (“City”) and **HOUSTON FREIGHTLINER, INC.** (“HFI”) agreement via HGACBuy in October 2023 to purchase one (1) HT-06-20 Asphalt Patch Truck for \$280,201.25 (the “Agreement”), **HFI** hereby agrees and verifies to comply with the laws of the States of Texas as follows:

A. HB 1295 Compliance.

Section 2252.908 of the Texas Government Code requires that for certain types of contracts, HFI must fill out a conflict of interest form (“Disclosure of Interested Parties”) and file with the Texas Ethics Commission at the time the signed contract is submitted to the City. For further information please go to the Texas Ethics Commission website: https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm.

B. No Boycott of Israel; No Terrorist Organization.

Pursuant to Section 2270.002, Texas Government Code, HFI hereby represents that it and its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, do not boycott Israel and, to the extent this Indenture is a contract for goods or services, will not boycott Israel during the term of this Indenture. The foregoing verification is made solely to comply with Section 2270.002, Texas Government Code, and to the extent such Section does not contravene applicable Federal law. As used in the foregoing verification, “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. HFI understands “affiliate” to mean an entity that controls, is controlled by, or is under common control with HFI and exists to make a profit.

Pursuant to Subchapter F, Chapter 2252, Texas Government Code, HFI represents that neither it nor any of its parent company, wholly- or majority-owned subsidiaries, and other affiliates is a company identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 2252.153 or Section 2270.0201, Texas Government Code, and posted on any of the following pages of such officer’s internet website:

<https://comptroller.texas.gov/purchasing/docs/sudan-list.pdf>,
<https://comptroller.texas.gov/purchasing/docs/iran-list.pdf>, or
<https://comptroller.texas.gov/purchasing/docs/fto-list.pdf>.

The foregoing representation is made solely to comply with Section 2252.152, Texas Government Code, and to the extent such Section does not contravene applicable Federal law and excludes HFI and each of its parent company, wholly- or majority-owned

subsidiaries, and other affiliates, if any, that the United States government has affirmatively declared to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization. HFI understands “affiliate” to mean any entity that controls, is controlled by, or is under common control with HFI and exists to make a profit.

C. Verification Regarding Energy Company Boycotts.

To the extent the Agreement constitutes a contract for goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 13, 87th Texas Legislature, Regular Session) as amended, HFI hereby verifies that it and its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, do not boycott energy companies and, will not boycott energy companies during the term of this Agreement. The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, “boycott energy companies” shall have the meaning assigned to the term “boycott energy company” in Section 809.001, Texas Government Code. HFI understands “affiliate” to mean an entity that controls, is controlled by, or is under common control with HFI and exists to make a profit.

D. Verification Regarding Discrimination Against Firearm Entity or Trade Association.

To the extent the Agreement constitutes a contract for the purchase of goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 19, 87th Texas Legislature, Regular Session, “SB 19”), as amended, the hereby verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other affiliates, if any,

- (1) do not have a practice, policy, guidance or directive that discriminates against a firearm entity or firearm trade association; and
- (2) will not discriminate during the term of this Agreement against a firearm entity or firearm trade association.

The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, “discriminate against a firearm entity or firearm trade association” shall have the meaning assigned to such term in Section 2274.001(3), Texas Government Code (as added by SB 19). HFI understands “affiliate” to mean an entity that controls, is controlled by, or is under common control with HFI and exists to make a profit.

[SIGNATURE PAGE BELOW]

VERIFICATION

State of Texas §
County of §

The undersigned hereby affirms under penalty of perjury that they are the authorized representative and agent of HOUSTON FREIGHTLINER, INC. for the purpose of making this verification, HOUSTON FREIGHTLINER, INC. agrees to comply with the above laws, and that all representations above in the foregoing ADDENDUM PIGGYBACK CONTRACT BETWEEN CITY OF HUTTO AND HOUSTON FREIGHTLINER, INC., incorporated herein by this reference, are true.

Agent's Signature

Printed Name: _____ Title: _____

On this date personally appeared before me the above-named representative and agent of HOUSTON FREIGHTLINER, INC., who was known to or satisfactorily identified me, and affirmed under penalty of perjury that that all representations in the foregoing ADDENDUM PIGGYBACK CONTRACT BETWEEN CITY OF HUTTO AND HOUSTON FREIGHTLINER, INC., are true.

Notary Public

Date

AGENDA ITEM REPORT

11.2.



To: City Council
Subject: Consideration and possible action on Resolution No. R-2023-270 approving a purchase of communication equipment upgrades to City Hall and Police Department Facilities from Motorola Solutions Inc. through Texas Department of Information Resources (DIR) agreement for an amount of \$174,509 (Rick Coronado)
Meeting: Thursday, October 19, 2023
Department: Public Works /
Staff Contact: Rick Coronado

BACKGROUND INFORMATION:

The request is to purchase an enhanced communication system at City Hall and Hutto Police Buildings by installing a new Distributed Antenna System (DAS). Motorola Solutions is the current provider for the communications radio platform and is the sole distributor of the equipment/systems. This request is part of the Texas Department of Information Resources Agreement (DIR-TSO-4101). The request for purchase of the system is divided into two proposals (City Hall - \$98,966.00 and Police Dept \$75,543.00) for a combined amount of \$174,509.00.

SUMMARY OF REQUEST:

Approval of resolution as presented.

STAFF REVIEW:

Staff recommends approval.

FISCAL NOTES:

This item is being funded by the General Fund (10-090-051-6301). The budget for this project in FY 2024 is \$175,000. There have been no encumbrances to date for this project. If the purchase is approved, there will be \$491 remaining for this project in FY 2024.

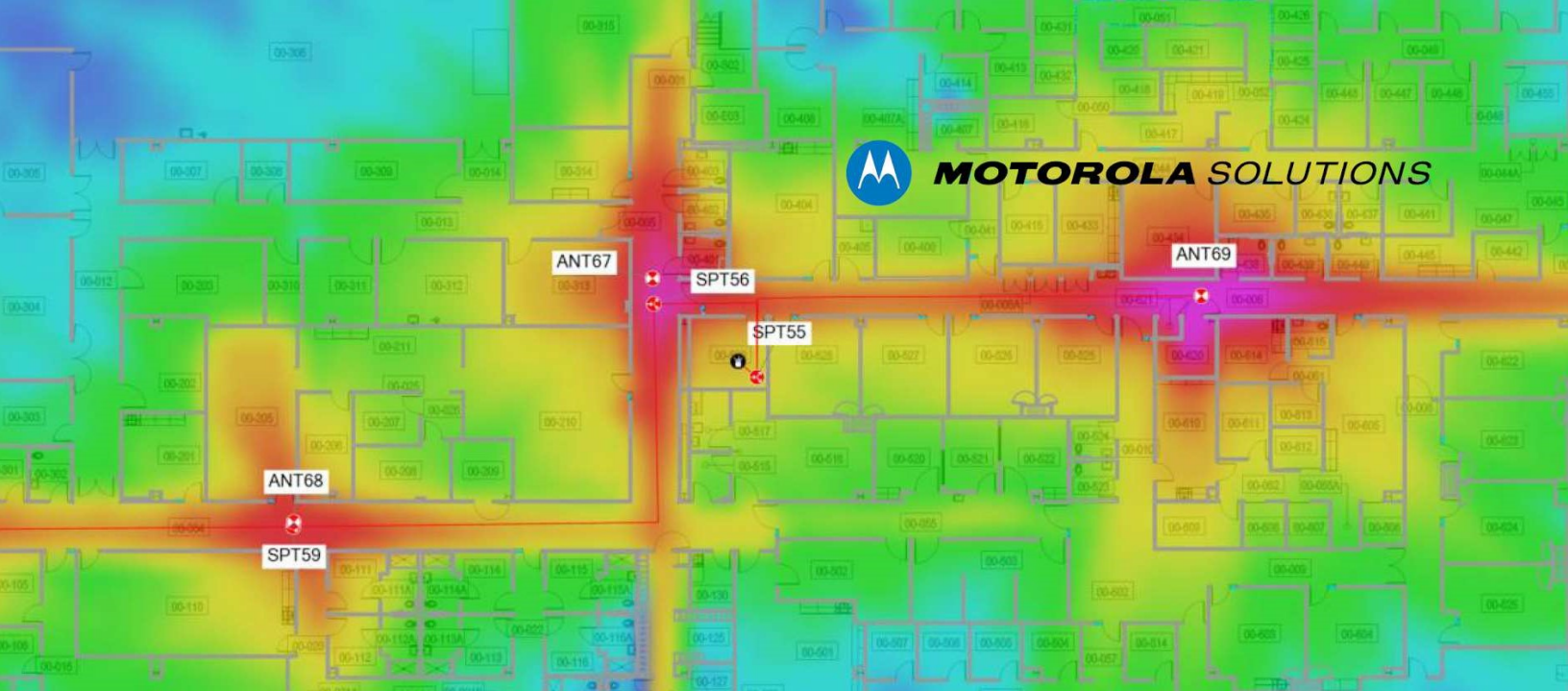
ATTACHMENTS:

1. DAS Proposal Hutto Police Dept 9-13-23_Summary
2. DAS Proposal Hutto City Hall 9-13-23_Summary
3. R-2023-270 Approving Purchase Comm upgrades

AGENDA ITEM REPORT

11.2.





Proposal

Hutto Police Department

Motorola Solutions In-building Distributed Antenna System

September 11, 2023

The design, technical, and price information furnished with this proposal is proprietary information of Motorola Solutions, Inc. (Motorola). Such information is submitted with the restriction that it is to be used only for the evaluation of the proposal, and is not to be disclosed publicly or in any manner to anyone other than those required to evaluate the proposal, without the express written permission of Motorola Solutions, Inc.

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City of Hutto
Hutto Police Department
500 West Live Oak
Hutto, TX 78634

RE: City of Hutto Police Department

Dear, Lt. Dwain Jones

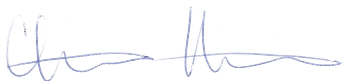
Motorola Solutions appreciates the opportunity to provide an enhanced version of the proposed new Distributed Antenna System (DAS) for the project at the Hutto Police Department facility. Enhancing the safety of first responders through reliable communications lies at the core of Motorola Solutions' business. To meet Hutto Police Department's needs, we have designed a tailored DAS solution in order to achieve maximum radio frequency coverage for the Public Safety Radio coverage.

Motorola Solutions is excited to offer an in-building wireless coverage system, comprised of Bi-directional Amplifier technology, to cover the project area. The project includes the installation of a DAS system to all facility floors that would provide coverage for the Public Safety Radio. The proposal is based upon and solely subject to the terms and conditions of the Texas Department of Information Resources Agreement (DIR-TSO-4101), its Exhibits and applicable Addenda, and remains valid for a period of 60 days. This proposal may be Accepted by issuing a signed purchase order that specifically references subject to the terms and conditions of The Texas DIR-TSO-4101 contract.

Any questions that Hutto Police Department has regarding this proposal can be directed to the Motorola Account Executive, Marty Saucedo at 210 237 2936.

Our goal is to provide Hutto Police Department with the best products and services available in the communications industry. We thank you for the opportunity to present our proposed solution, and we hope to strengthen our relationship by implementing this project.

Sincerely,



Chris Matthieu
Area Sales Manager
Motorola Solutions, Inc.

Section 3

Pricing Summary

The following table reflects the pricing for the proposed equipment and services for the Hutto Police Department project.

DAS Equipment and Services Summary

Hutto Police Department Project	Total Price
DAS Equipment Total – Includes all active and passive equipment, with antenna system and ancillary materials, plus battery backup.	\$34,947.00
DAS Implementation Services – Includes Project Management and Engineering for installation, all System Integration (SI) tasks, inclusive of optimization and testing, and warranty support.	\$37,528.00
DASCare Extended Warranty	\$3,068.00
Total DAS Equipment and Services – Hutto Police Department Project:	\$75,543.00

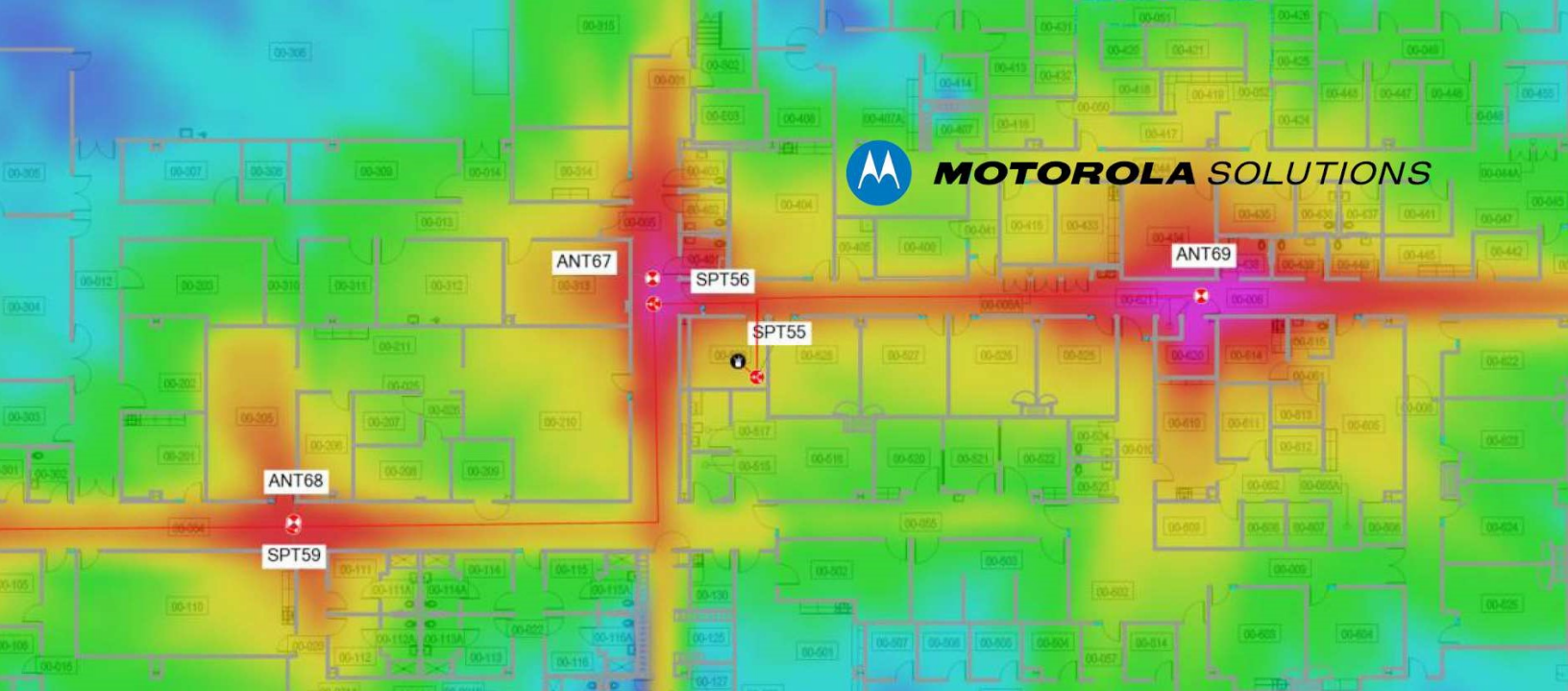
Payment Term

1. 50% of the Contract Price due upon equipment delivery (due upon effective date); and
2. Full payment due upon Final Acceptance.

Motorola shall make partial shipments of equipment and will request payment upon shipment of such equipment. In addition, Motorola shall invoice for installations completed on a site-by-site basis or when professional services are completed, when applicable. The value of the equipment shipped/services performed will be determined by the value shipped/services performed as a percentage of the total milestone value. Unless otherwise specified, contract discounts are based upon all items proposed and overall system package. For invoicing purposes only, discounts will be applied proportionately to the FNE and Subscriber equipment values to total contract price. Overdue invoices will bear simple interest at the maximum allowable rate by state law.

Contract Term and Conditions

The proposal is based upon and solely subject to the terms and conditions of the Texas Department of Information Resources Agreement (DIR-TSO-4101), its Exhibits and applicable Addenda, and remains Valid for a period of 60 days. This proposal may be accepted by issuing a signed purchase order that specifically references “subject to the terms and conditions of the Texas DIR-TSO-4101 contract.



Proposal
Hutto City Hall

Motorola Solutions In-building Distributed Antenna System

September 11, 2023

The design, technical, and price information furnished with this proposal is proprietary information of Motorola Solutions, Inc. (Motorola). Such information is submitted with the restriction that it is to be used only for the evaluation of the proposal, and is not to be disclosed publicly or in any manner to anyone other than those required to evaluate the proposal, without the express written permission of Motorola Solutions, Inc.

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September 8, 2023

City of Hutto
Hutto City Hall
401 W Front St.
Hutto, TX 78634

RE: City of Hutto City Hall

Dear,

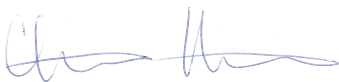
Motorola Solutions appreciates the opportunity to provide an enhanced version of the proposed new Distributed Antenna System (DAS) for the project at the City of Hutto City Hall facility. Enhancing the safety of first responders through reliable communications lies at the core of Motorola Solutions' business. To meet the City of Hutto's needs, we have designed a tailored DAS solution in order to achieve maximum radio frequency coverage for the Public Safety Radio coverage.

Motorola Solutions is excited to offer an in-building wireless coverage system, comprised of Bi-directional Amplifier technology, to cover the project area. The project includes the installation of a DAS system to all facility floors that would provide coverage for the Public Safety Radio. The proposal is based upon and solely subject to the terms and conditions of the Texas Department of Information Resources Agreement (DIR-TSO-4101), its Exhibits and applicable Addenda, and remains valid for a period of 60 days. This proposal may be Accepted by issuing a signed purchase order that specifically references subject to the terms and conditions of The Texas DIR-TSO-4101 contract.

Any questions that Hutto Police Department has regarding this proposal can be directed to the Motorola Account Executive, Marty Saucedo at 210 237 2936.

Our goal is to provide the City of Hutto with the best products and services available in the communications industry. We thank you for the opportunity to present our proposed solution, and we hope to strengthen our relationship by implementing this project.

Sincerely,



Chris Matthieu
Area Sales Manager
Motorola Solutions, Inc.

Section 3

Pricing Summary

The following table reflects the pricing for the proposed equipment and services for the Hutto City Hall project.

DAS Equipment and Services Summary

Hutto City Hall Project	Total Price
DAS Equipment Total – Includes all active and passive equipment, with antenna system and ancillary materials, plus battery backup.	\$22,423.00
DAS Implementation Services – Includes Project Management and Engineering for installation, all System Integration (SI) tasks, inclusive of optimization and testing, and warranty support.	\$73,475.00
DASCare	\$3068.00
Total DAS Equipment and Services – Hutto City Hall Project:	\$98,966.00

Payment Term

1. 50% of the Contract Price due upon equipment delivery (due upon effective date); and
2. Full payment due upon Final Acceptance.

Motorola shall make partial shipments of equipment and will request payment upon shipment of such equipment. In addition, Motorola shall invoice for installations completed on a site-by-site basis or when professional services are completed, when applicable. The value of the equipment shipped/services performed will be determined by the value shipped/services performed as a percentage of the total milestone value. Unless otherwise specified, contract discounts are based upon all items proposed and overall system package. For invoicing purposes only, discounts will be applied proportionately to the FNE and Subscriber equipment values to total contract price. Overdue invoices will bear simple interest at the maximum allowable rate by state law.

Contract Term and Conditions

The proposal is based upon and solely subject to the terms and conditions of the Texas Department of Information Resources Agreement (DIR-TSO-4101), its Exhibits and applicable Addenda, and remains Valid for a period of 60 days. This proposal may be accepted by issuing a signed purchase order that specifically references “subject to the terms and conditions of the Texas DIR-TSO-4101 contract.

•Data Location

Disclaimer-Data for the State of Texas Customer may be exported by Provider if (1) access is needed for internal business purposes such as processing orders or invoices to Poland, or (2) access to City Data is necessary to enable third tier development support personnel located in Denmark, Poland, India

RESOLUTION NO. R-2023-270

**A RESOLUTION OF THE CITY OF HUTTO, TEXAS,
APPROVING THE PURCHASE OF A DISTRIBUTED
ANTENNA SYSTEM BETWEEN MOTOROLA SOLUTIONS
INC. AND THE CITY OF HUTTO IN THE AMOUNT OF
\$174,509.00 FOR CITY HALL AND POLICE DEPARTMENT
BUILDING; AUTHORIZING THE CITY MANAGER TO
EXECUTE THE PURCHASE ORDER PROCURED
THROUGH THE TEXAS DEPARTMENT OF
INFORMATION RESOURCES COOPERATIVE
CONTRACT; PROVIDING PROPER NOTICE & MEETING,
AND PROVING AN EFFECTIVE DATE.**

WHEREAS, the City Council desires to purchase a radio communication distributed antenna system in the amount of \$174,509 for City Hall and Police Department Buildings, as described in the quotation provided by Motorola Solutions Inc., attached hereto as Exhibit A; and

WHEREAS, the City Council desires to authorize the City Manager to execute the necessary documents to complete the purchase of the distributed antenna system from Motorola Solutions Inc. as described.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

Section 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

Section 2: That the Hutto City Council hereby approves and authorizes the City Manager to execute the purchase order that references the Texas DIR-TSO-4101 contract per the proposal instructions, attached as Exhibit A, a copy of same being attached hereto and incorporated herein for all purposes.

Section 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

Section 4. This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 19th day of October 2023 on vote of __AYES; __NAYS; __ABSTENTIONS.

THE CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary

AGENDA ITEM REPORT

11.3.



To: City Council
Subject: Consideration and possible action on Resolution No. R-2023-269 approving the amendment to Individual Project Order (IPO) 2022-04 with Freese and Nichols, Inc. for Construction Phase services to include the design for the Jonah SUD Wholesale Interconnect and 16-inch diameter water transmission line Project (Capital Improvement Project W4-2023) in the amount of \$129,686.00 (Matt Rector)
Meeting: Thursday, October 19, 2023
Department: Engineering /
Staff Contact: Matt Rector

BACKGROUND INFORMATION:

City Council previously approved a contract for a route study, and design for plans, specifications and estimate of the Jonah SUD Wholesale Interconnect and 16-inch diameter water transmission line project. The current contract with Freese and Nichols, Inc. (FNI) does not currently include bidding and construction phase services that would be required as part of this project. Because these items are necessary to complete the package for bidding purposes, staff is recommending an update to this contract.

This contract amendment would include Permitting, Issues for Bid); Bid Phase Services; and Construction Phase Services. An Exhibit for Project W3 attached.

The project includes construction of a 16-inch water transmission main from Northwest as an interconnect for Jonah Water.

The purpose of this item is to amend the Individual Project Order (IPO) 2022-04 with Freese and Nichols, Inc. to include construction phase services.

SUMMARY OF REQUEST:

Approval of resolution as presented

STAFF REVIEW:

Staff recommends approval

AGENDA ITEM REPORT

11.3.



FISCAL NOTES:

This project is being funded by the 2022 Certificates of Obligation (57-040-058-6680). The budget for this project in FY 2024 is \$5,430,383. There have been \$640,192 in encumbrances to date for this project. If this IPO amendment is awarded, there will be \$4,660,505 in remaining funds available for this project in FY 2024.

ATTACHMENTS:

1. 20231016 Hutto Res Approving FNI IPO amd for Jonah SUD
2. Exh A IPO FNI Jonah Interconnect
3. IPO_W# Northwest Transmission Water Main_Jonah Interconnect_FNI
4. Attachment A - Scope of Services 09-2023
5. Attachment B - Fee Schedule and Unit Rates
6. Attachment C - Schedule 09-2023
7. Attachment D - HB89 10-05-22
8. Attachment E - Form 1295 Certificate
9. W_03_Northwest_Transmission_Water_Main_Jonah_SUD_Wholesale_Interconnect

RESOLUTION NO. R-2023-269

**A RESOLUTION OF THE CITY OF HUTTO, TEXAS,
APPROVING AMENDMENT TO INDIVIDUAL PROJECT
ORDER (IPO) 2022-04 BETWEEN FREESE AND NICHOLS,
INC. AND THE CITY OF HUTTO IN THE AMOUNT OF
\$129,686 FOR THE JONAH SUD WHOLESALE
INTERCONNECT AND 16-INCH DIAMETER WATER
TRANSMISSION LINE PROJECT; AUTHORIZING THE
CITY MANAGER TO EXECUTE THE FIRST
AMENDMENT TO IPO TO THE MASTER AGREEMENT;
PROVIDING PROPER NOTICE & MEETING, AND
PROVING AN EFFECTIVE DATE.**

WHEREAS, the City Council desires to execute an amendment to Individual Project Order (IPO) No. 2022-04 with Freese and Nichols, Inc. pursuant to the Master Services Agreement dated July 15, 2021, in the amount of \$129,686 for construction services related to the Jonah Wholesale Interconnect and 16-inch Diameter Water Transmission Line Project; and

WHEREAS, the City Council desires to authorize the City Manager to execute the First Amendment to IPO No. 2022-04 to the Master Agreement ("First Amendment"), attached as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

Section 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

Section 2: That the Hutto City Council hereby approves and authorizes the City Manager to execute the First Amendment, attached as Exhibit A, a copy of the same being attached hereto and incorporated herein for all purposes.

Section 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

Section 4. This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 19th day of October 2023 on vote of __AYES; __NAYS; __ABSTENTIONS.

THE CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary



**Individual Project Order 2022-04
to the Master Agreement
between the City of Hutto
and Freese & Nichols.
(7/15/2021)**

Project No:

**W4: Jonah SUD Wholesale Interconnect and
16-inch diameter water transmission line**

Amendment No. 1: Construction Services

Freese & Nichols IPO
2022-04



This Individual Project Order (IPO) is made by and between the **City of Hutto** (hereinafter referred to as "**City**") and **Freese & Nichols**, (hereinafter referred to as "**Consultant**") in accordance with the provisions of the MASTER AGREEMENT FOR CONTINUING PROFESSIONAL SERVICES executed on July 15, 2021 (the "Agreement").

Under this IPO, the City intends to construct the following projects:

W4: Jonah SUD Wholesale Interconnect and 16-inch diameter water transmission line

Amendment No. 1: Construction Services

Consultant will provide professional services related to these improvements as described herein. Terms not defined herein shall have the meaning assigned to them in the Agreement.

SECTION 1 – SCOPE OF SERVICES

Consultant will perform the services specified in Attachment A.

SECTION 2 – PAYMENT

For the Services set forth above, City will pay Consultant as follows:

The table below presents a summary of the fee amounts and fee types for this IPO.

WORK DESCRIPTION	FEE AMOUNT	FEE TYPE
Construction Services	129,686.00	LUMP SUM
TOTAL FEE	\$ 129,686.00	

The total lump sum amount authorized to Consultant under this IPO is \$129,686.00

City will pay consultant for Services rendered at the rates shown in Attachment B for each classification of Consultant's personnel (may include contract staff classified at Consultant's discretion) plus reimbursable expenses including but not limited to printing, courier service, reproduction, and travel. The rates shown in Attachment B will be increased annually with the first increase effective on or about January 1, 2024.

Expenses other than salary costs that are directly attributable to performance of our Services will be billed as follows:

1. Direct cost for travel, long distance and wireless communications, outside reproduction and presentation material preparation, and mail/courier expenses.
2. Direct cost-plus ten percent (10%) for subcontract/subconsultant fees.
3. Charges similar to commercial rates for reports, plan sheets, presentation materials, etc.
4. The amount allowed by the federal government for mileage with an additional \$0.05 for survey trucks/vans.



SECTION 3 – ATTACHMENT

- 3.1 The following Appendices are attached to and made a part of this IPO:
- 3.1.1 Attachment A – Scope of Services
 - 3.1.2 Attachment B – Fee Schedule and Unit Rates
 - 3.1.3 Attachment C – Construction Estimated Schedule
 - 3.1.4 Attachment D – HB 1295 Verification
 - 3.1.5 Attachment E – Form 1295, Certificate of Interested Parties (12/22/2017 Version)

This IPO may be executed in two (2) or more counterparts each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

The effective date of this IPO shall be the last date written below.

City of Hutto, Texas

Freese & Nichols

By: _____
Signature

By: _____
Signature

Name: _____
Printed Name

Name: _____
Printed Name

Title: _____

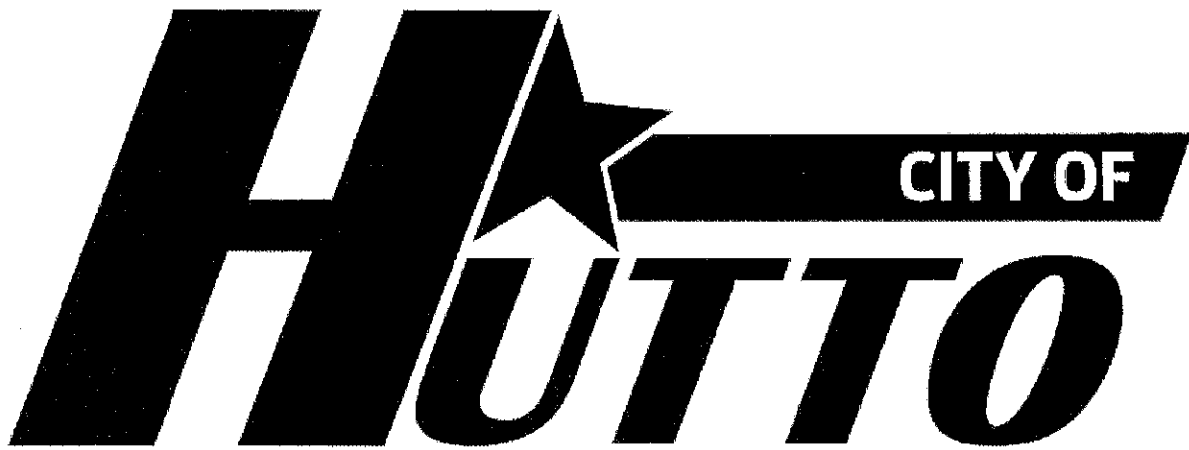
Title: _____

Date: _____

Date: _____

Attest: _____

Attest: _____



Attachment A – Scope of Services

Supplement No. 1: Construction Services

Project No:

**W4: Jonah SUD Wholesale Interconnect and
16-inch Diameter Water Transmission Line**

September 20, 2023

1.0 Construction Phase Services

1.1 Overview

During the construction phase of work, Consultant will accomplish the following:

- Attend preconstruction meeting.
- Attend up to ten (10) virtual progress/coordination meetings with the Owner/Contractor.
- Evaluate and respond up to construction material submittals and shop drawings.
- Provide necessary clarifications and respond up to twelve (12) RFIs regarding the construction contract documents.
- Two (2) general site visits.
- Two (2) walk-throughs: One (1) for Substantial Completion and One (1) for Final Completion.
- Ten (10) days of electrical inspection.
- Review up to eight (8) pay applications, assuming a second review for half for a total of twelve (12).
- Prepare and furnish record drawings based on working drawings provided by the construction contractor.

1.2 BASIC SERVICES:

FNI shall render the following professional services in connection with the development of the Project:

- A. In performing these services, it is understood that FNI does not guarantee the Contractor's performance, nor is FNI responsible for the supervision of the Contractor's operation and employees. FNI shall not be responsible for the means, methods, techniques, sequences or procedures of construction selected by the Contractor, or any safety precautions and programs relating in any way to the condition of the premises, the work of the Contractor or any Subcontractor. FNI shall not be responsible for the acts or omissions of any person (except its own employees or agents) at the Project site or otherwise performing any of the work of the Project.
- B. The Client agrees to include provisions in the General Conditions that require Contractor to include FNI: as an additional insured and in any waiver of subrogation rights with respect to such liability insurance purchased and maintained by Contractor for the Project (except workers' compensation and professional liability policies).
- C. **TASK 1 – ENGINEERING SUPPORT SERVICES:** Upon completion of the bid or negotiation phase services, FNI will proceed with the performance of construction phase support services, in the role of Engineering Support, as described below.
 1. Assist Client in conducting pre-construction conference(s) with the Contractor(s), review construction schedules prepared by the Contractor(s) pursuant to the requirements of the construction contract and review proposed estimate of monthly cash requirements of the Project provided by the Contractor.
 2. Conduct meetings with Client and Contractor, such as progress meetings, job conferences and other project-related meetings, and prepare and circulate copies of minutes thereof. Progress meetings are tentatively estimated for one on-site and an assumed total of ten (10) virtual meetings.

3. Review contractor's submittals, including, requests for information, shop drawings, and other submittals in accordance with the requirements of the Construction Contract Documents for the project.
 - a. Log, review, and return submittals and shop drawings. Assume thirty (30) submittals (two reviews/each submittal). Submittal reviews in excess of two reviews shall be considered additional services.
 - b. Log, review, and respond up to twelve (12) contractor "requests for information" (RFIs). Assume one review/each RFI.
4. Up to two (2) General site visits.
5. Two (2) walk-throughs: One (1) for Substantial Completion and One (1) for Final Completion.
6. Electrical inspection services for start-up and commissioning services, up to ten (10) days.
7. Review up to eight (8) pay application reviews, assuming a second review for half for a total of twelve (12).
8. Revise the construction drawings in accordance with the information furnished by construction Contractor(s) reflecting changes in the Project made during construction (red lines/as-built information and Contractor's survey information). Record drawings will be submitted by FNI to Owner in AutoCAD, PDF, and GIS formats.

1.3 TIME OF COMPLETION

- A. FNI is authorized to commence work on the Project upon execution of this Agreement and agrees to complete the services in accordance with the contractor's schedule.
- B. If FNI's services are delayed through no fault of FNI, FNI shall be entitled to adjust contract schedule consistent with the number of days of delay. These delays may include but are not limited to delays in Client or regulatory reviews, delays on the flow of information to be provided to FNI, governmental approvals, etc. These delays may result in an adjustment to compensation as outlined on the face of this Agreement and the rates in the as-needed services contract.
- C. Schedule Assumptions: The anticipated schedule for the proposed Scope of Services is dependent on the Contractor's production schedule and field progress. FNI has assumed project durations based on the proposed project schedule in the attached Schedule. The actual construction schedule and demands on a Construction Representative will depend on the contractor's sequencing and other factors. Proposal may be modified pending Contractor's schedule.

1.4 RESPONSIBILITIES OF OWNER:

Client shall perform the following in a timely manner so as not to delay the services of FNI:

- A. Client recognizes and expects that change orders may be required to be issued during construction. The responsibility for the costs of change orders will be determined on the basis of applicable contractual obligations and professional liability standards. FNI will not be responsible for any change order costs due to unforeseen site conditions, changes made by or due to the Client or Contractor, or any change order costs not caused by the negligent errors or omissions of FNI.

Nothing in this provision creates a presumption that, or changes the professional liability standard for determining if, FNI is liable for change order costs. It is recommended that the Client budget a minimum of 5% for new construction and a minimum of 10% for construction that includes refurbishing existing structures.

- B. Designate in writing a person to act as Client's representative with respect to the services to be rendered under this Agreement. Such person shall have contract authority to transmit instructions, receive information, interpret and define Client's policies and decisions with respect to FNI's services for the Project.
- C. Provide all criteria and full information as to Client's requirements for the Project, including design objectives and constraints, space, capacity and performance requirements, flexibility and expandability, and any budgetary limitations; and furnish copies of all design and construction standards which Client will require to be included in the drawings and specifications.
- D. Assist FNI by placing at FNI's disposal all available information pertinent to the Project including previous reports and any other data relative to design or construction of the Project.
- E. Arrange for access to and make all provisions for FNI to enter upon public and private property as required for FNI to perform services under this Agreement.
- F. Examine all studies, reports, sketches, drawings, specifications, proposals and other documents presented by FNI, obtain advice of an attorney, insurance counselor and other consultants as Client deems appropriate for such examination and render in writing decisions pertaining thereto within a reasonable time so as not to delay, or cause rework in, the services of FNI.
- G. Furnish approvals and permits from all governmental authorities having jurisdiction over the Project and such approvals and consents from others as may be necessary for completion of the Project.
- H. Client shall make or arrange to have made all subsurface investigations, including but not limited to borings, test pits, soil resistivity surveys, and other subsurface explorations. Client shall also make or arrange to have made the interpretations of data and reports resulting from such investigations. All costs associated with such investigations shall be paid by Client.
- I. Provide such accounting, independent cost estimating and insurance counseling services as may be required for the Project, such legal services as Client may require or FNI may reasonably request with regard to legal issues pertaining to the Project including any that may be raised by Contractor(s), such auditing service as Client may require to ascertain how or for what purpose any Contractor has used the moneys paid under the construction contract, and such inspection services as Client may require to ascertain that Contractor(s) are complying with any law, rule, regulation, ordinance, code or order applicable to their furnishing and performing the work.
- J. Give prompt written notice to FNI whenever Client observes or otherwise becomes aware of any development that affects the scope or timing of FNI's services, or any defect or nonconformance of the work of any Contractor.

1.5 ADDITIONAL SERVICES:

Any services performed by FNI that are not included in the Basic Services or Special Services described above are Additional Services. Additional Services to be performed by FNI, if authorized by Client, are described as follows:

- A. Construction Inspection services beyond the project duration or more than the estimated hours identified in this Scope of Services.
- B. Field layouts, the furnishing of construction line and grade, making property, boundary and right-of-way surveys, preparation of easement and deed descriptions, including title search and examination of deed records.
- C. Review of contractor's pay application.
- D. Preparing applications and supporting documents for government grants, loans, or planning advances and providing data for detailed applications.
- E. Appearing before regulatory agencies or courts as an expert witness in any litigation with third parties or condemnation proceedings arising from the development or construction of the Projects, including the preparation of engineering data and reports for the Authority.
- F. Providing environmental support services.
- G. Additional Services that are required to comply with local, State or Federal regulations that become effective after the date of this Agreement.
- H. Permitting with local, state, or federal agencies.
- I. Quality Control testing requirements specified in the contract documents that are the responsibility of the Contractor.
- J. Review and/or evaluation of Contractor claim(s), or related meetings with arbitrators, mediators, or litigation personnel.
- K. Training on the use of equipment or installations by FNI.
- L. Any miscellaneous services, analysis, or other assistance to the Client that is not specifically identified in this scope.

City of Hutto				Project Fee Summary	
Attachment B - Project No. W4- Jonah Interconnect				Basic Services	\$ 129,027
10/5/2022				Special Services	\$ -
Detailed Cost Breakdown				Total Project	\$ 129,027

Phase	Task	Activity	Basic or Special	Task Description	Labor						Total Hours	Total Labor Effort
					Anna Haskins Senior Advisor \$256	David Brandt Overall GC \$306	Adriel Skilleason Project Manager \$209	Garrett Williams Project EIT \$116	Ty Canal Electric Inspector \$173			
1				Construction Services								\$ -
				Meetings (10)	10		20	30			60	\$ 10,285
				RFPs (12)	12	6	12	24			54	\$ 10,251
				Shop Drawings (30)	30	20	30	70			150	\$ 29,321
				Electrical Inspection (10)			10		80		90	\$ 15,934
				Pay Application Review (12)	6		12	24			42	\$ 8,858
				Site Visits (4)	32		32				64	\$ 15,007
				Record Drawings	30		70	100			200	\$ 34,052
												\$ -
Total Hours / Quantity					120	28	136	248	80		600	\$ -
Total Effort					\$ 31,139	\$ 7,968	\$ 38,961	\$ 28,778	\$ 13,839		\$ 120,648	\$ -

City of Hutto		Project Fee Summary	
Attachment B - Project No. W4- Jonah Interconnect		Basic Services	129,027
10/5/2022		Special Services	-
Detailed Cost Breakdown		Total Project	129,027

Tasks				Expenses								
Phase	Task	Activity	Basic or Special	Task Description	Tech Charge	Miles	Meals	Hotel	Other	Total Expense	Effort	
1				Construction Services						\$	-	
				Meetings (10)						\$	-	
				RFIs (12)	60	20				\$	523	
				Shop Drawings (30)	54					\$	459	
				Electrical Inspection (10)	150					\$	1,275	
				Pay Application Review (12)	90	500	200			\$	1,298	
				Site Visits (4)	42					\$	357	
				Record Drawings	64	400	160		900	1000	\$	2,730
					200					\$	1,700	
										\$	-	
Total Hours / Quantity					660	920	360	600	1,000			
Total Effort \$					5,610	\$ 575	\$ 396	\$ 600	\$ 1,100	\$ 8,341		

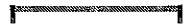
City of Hutto
 Attachment B - Project No. W4: Jorah Interconnect
 10/5/2022
 Detailed Cost Breakdown

Phase	Task	Activity	Basic or Special	Task Description	Total Sub Effort	Total
					\$ -	\$ -
1				Construction Services	\$ -	\$ -
				Meetings (10)	\$ -	\$ -
				RFIs (12)	\$ -	\$ -
				Shop Drawings (30)	\$ -	\$ -
				Electrical Inspection (10)	\$ -	\$ -
				Pay Application Review (12)	\$ -	\$ -
				Site Visits (4)	\$ -	\$ -
				Record Drawings	\$ -	\$ -
				Total Hours / Quantity	\$ -	\$ -
				Total Effort	\$ -	\$ 129,027

City of Hutto: W4: Jonah SUD Wholesale Interco

ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names
1			Notice to Proceed	0 days	Mon 11/21/2	Mon 11/21/2		
2			Preliminary Design Phase	95 days	Mon 1/2/23	Fri 5/12/23		
12			Design Phase	235 days	Mon 3/6/23	Fri 1/26/24		
30			Construction Phase	170 days	Mon 11/27/2	Fri 7/19/24		
31			Submittals & Materials Procurem	2 wks	Mon 11/27/2	Fri 12/8/23	29	
32			Order Material / Mobilization	8 wks	Mon 12/11/2	Fri 2/2/24	31	
33			Construction / Substantial Completion	20 wks	Mon 2/5/24	Fri 6/21/24	32	
34			Final Completion	4 wks	Mon 6/24/24	Fri 7/19/24	33	

Project: Jonah Interconnect
Date: Wed 9/6/23

Task		Project Summary		Inactive
Split		External Tasks		Inactive
Milestone		External Milestone		Manual
Summary		Inactive Task		Duration

House Bill 89 Verification Form

Prohibition on Contracts with Companies Boycotting Israel

The 85th Texas Legislature approved new legislation, effective Sept. 1, 2017, which amends Texas Local Government Code Section 1. Subtitle F, Title 10, Government Code by adding Chapter 2270 which states that a governmental entity may not enter into a contract with a company 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

Pursuant to Section 2270.001, Texas Government Code:

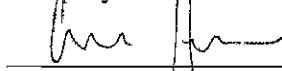
1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled 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.

I, (authorized official) Anne Hoskins, do hereby depose and verify the truthfulness and accuracy of the contents of the statements submitted on this certification under the provisions of Subtitle F, Title 10, Government Code Chapter 2270 and that the company named below:

- 1) does not boycott Israel currently; and
- 2) will not boycott Israel during the term of the contract; and
- 3) is not currently listed on the State of Texas Comptroller's Companies that Boycott Israel List located at <https://comptroller.texas.gov/purchasing/publications/divestment.php>

Freese and Nichols, Inc.

Company Name



Signature of Authorized Official

Vice President

Title of Authorized Official

October 5, 2022

Date

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

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

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Freese and Nichols, Inc
Fort Worth, TX United States

Certificate Number:
2022-941263

Date Filed:
10/05/2022

Date Acknowledged:

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

City of Hutto

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.

Project No. W4-W5
Jonah SUD Wholesale Interconnect and 16-inch diameter water transmission line

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Wolfhope, John	Austin, TX United States	X	
	Reedy, Mike	Houston, TX United States	X	
	Archer, Charles	Raleigh, NC United States	X	
	Greer, Alan	Fort Worth, TX United States	X	
	Hatley, Tricia	Oklahoma City, OK United States	X	
	Johnson, Kevin	Dallas, TX United States	X	
	Payne, Jeff	Fort Worth, TX United States	X	
	Coltharp, Brian	Fort Worth, TX United States	X	
	Pence, Bob	Fort Worth, TX United States	X	

5 Check only if there is NO Interested Party.

☐

6 UNSWORN DECLARATION

My name is Paula Durant, and my date of birth is September 15, 1970.

My address is 801 Cherry Street, Suite 2800, Fort Worth, TX, 76102, US.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Tarrant County, State of Texas, on the 5th day of October, 20 22.
(month) (year)

Paula Durant

Signature of authorized agent of contracting business entity
(Declarant)



**Individual Project Order 2022-04
to the Master Agreement
between the City of Hutto
and Freese & Nichols.
(7/15/2021)**

Project No:

**W4: Jonah SUD Wholesale Interconnect and
16-inch diameter water transmission line**

Amendment No. 1: Construction Services

Freese & Nichols IPO
2022-04



This Individual Project Order (IPO) is made by and between the **City of Hutto** (hereinafter referred to as “**City**”) and **Freese & Nichols**, (hereinafter referred to as “**Consultant**”) in accordance with the provisions of the MASTER AGREEMENT FOR CONTINUING PROFESSIONAL SERVICES executed on July 15, 2021 (the “Agreement”).

Under this IPO, the City intends to construct the following projects:

W4: Jonah SUD Wholesale Interconnect and 16-inch diameter water transmission line

Amendment No. 1: Construction Services

Consultant will provide professional services related to these improvements as described herein. Terms not defined herein shall have the meaning assigned to them in the Agreement.

SECTION 1 – SCOPE OF SERVICES

Consultant will perform the services specified in Attachment A.

SECTION 2 – PAYMENT

For the Services set forth above, City will pay Consultant as follows:

The table below presents a summary of the fee amounts and fee types for this IPO.

WORK DESCRIPTION	FEE AMOUNT	FEE TYPE
Construction Services	129,686.00	LUMP SUM
TOTAL FEE	\$ 129,686.00	

The total lump sum amount authorized to Consultant under this IPO is \$129,686.00

City will pay consultant for Services rendered at the rates shown in Attachment B for each classification of Consultant’s personnel (may include contract staff classified at Consultant’s discretion) plus reimbursable expenses including but not limited to printing, courier service, reproduction, and travel. The rates shown in Attachment B will be increased annually with the first increase effective on or about January 1, 2024.

Expenses other than salary costs that are directly attributable to performance of our Services will be billed as follows:

1. Direct cost for travel, long distance and wireless communications, outside reproduction and presentation material preparation, and mail/courier expenses.
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This IPO may be executed in two (2) or more counterparts each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

The effective date of this IPO shall be the last date written below.

City of Hutto, Texas

Freese & Nichols

By: _____
Signature

By: _____
Signature

Name: _____
Printed Name

Name: _____
Printed Name

Title: _____

Title: _____

Date: _____

Date: _____

Attest: _____

Attest: _____



Attachment A – Scope of Services

Supplement No. 1: Construction Services

Project No:

**W4: Jonah SUD Wholesale Interconnect and
16-inch Diameter Water Transmission Line**

September 20, 2023

1.0 Construction Phase Services

1.1 Overview

During the construction phase of work, Consultant will accomplish the following:

- Attend preconstruction meeting.
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- H. Client shall make or arrange to have made all subsurface investigations, including but not limited to borings, test pits, soil resistivity surveys, and other subsurface explorations. Client shall also make or arrange to have made the interpretations of data and reports resulting from such investigations. All costs associated with such investigations shall be paid by Client.
- I. Provide such accounting, independent cost estimating and insurance counseling services as may be required for the Project, such legal services as Client may require or FNI may reasonably request with regard to legal issues pertaining to the Project including any that may be raised by Contractor(s), such auditing service as Client may require to ascertain how or for what purpose any Contractor has used the moneys paid under the construction contract, and such inspection services as Client may require to ascertain that Contractor(s) are complying with any law, rule, regulation, ordinance, code or order applicable to their furnishing and performing the work.
- J. Give prompt written notice to FNI whenever Client observes or otherwise becomes aware of any development that affects the scope or timing of FNI's services, or any defect or nonconformance of the work of any Contractor.

1.5 ADDITIONAL SERVICES:

Any services performed by FNI that are not included in the Basic Services or Special Services described above are Additional Services. Additional Services to be performed by FNI, if authorized by Client, are described as follows:

- A. Construction Inspection services beyond the project duration or more than the estimated hours identified in this Scope of Services.
- B. Field layouts, the furnishing of construction line and grade, making property, boundary and right-of-way surveys, preparation of easement and deed descriptions, including title search and examination of deed records.
- C. Review of contractor's pay application.
- D. Preparing applications and supporting documents for government grants, loans, or planning advances and providing data for detailed applications.
- E. Appearing before regulatory agencies or courts as an expert witness in any litigation with third parties or condemnation proceedings arising from the development or construction of the Projects, including the preparation of engineering data and reports for the Authority.
- F. Providing environmental support services.
- G. Additional Services that are required to comply with local, State or Federal regulations that become effective after the date of this Agreement.
- H. Permitting with local, state, or federal agencies.
- I. Quality Control testing requirements specified in the contract documents that are the responsibility of the Contractor.
- J. Review and/or evaluation of Contractor claim(s), or related meetings with arbitrators, mediators, or litigation personnel.
- K. Training on the use of equipment or installations by FNI.
- L. Any miscellaneous services, analysis, or other assistance to the Client that is not specifically identified in this scope.

City of Hutto Attachment B - Project No. W4: Jonah Interconnect 10/5/2022 Detailed Cost Breakdown					Project Fee Summary						
					Basic Services		\$ 129,027				
					Special Services		\$ -				
					Total Project		\$ 129,027				
Tasks					Labor						
Phase	Task	Activity	Basic or Special	Task Description	Anne Hoskins	David Bennett	Adriell Shrikissoon	Garrett Wilhelm	Ty Cornell	Total Hours	Total Labor Effort
					Senior Advisor	Overall QC	Project Manager	Project EIT	Elec Inspector		
					\$259	\$306	\$209	\$116	\$173		
											\$ -
1				Construction Services							\$ -
				Meetings (10)	10		20	30		60	\$ 10,266
				RFIs (12)	12	6	12	24		54	\$ 10,251
				Shop Drawings (30)	30	20	30	70		150	\$ 28,321
				Electrical Inspection (10)			10		80	90	\$ 15,934
				Pay Application Review (12)	6		12	24		42	\$ 6,856
				Site Visits (4)	32		32			64	\$ 15,007
				Record Drawings	30		70	100		200	\$ 34,052
											\$ -
Total Hours / Quantity					120	26	186	248	80	660	
Total Effort					\$ 31,139	\$ 7,968	\$ 38,961	\$ 28,778	\$ 13,839		\$ 120,686

City of Hutto Attachment B - Project No. W4: Jonah Interconnect 10/5/2022 Detailed Cost Breakdown					Project Fee Summary					
					Basic Services				129,027	
					Special Services				-	
					Total Project				129,027	
Tasks					Expenses					
Phase	Task	Activity	Basic or Special	Task Description	Tech Charge	Miles	Meals	Hotel	Other	Total Expense Effort
										\$ -
1				Construction Services						\$ -
				Meetings (10)	60	20				\$ 523
				RFIs (12)	54					\$ 459
				Shop Drawings (30)	150					\$ 1,275
				Electrical Inspection (10)	90	500	200			\$ 1,298
				Pay Application Review (12)	42					\$ 357
				Site Visits (4)	64	400	160	600	1000	\$ 2,730
				Record Drawings	200					\$ 1,700
										\$ -
Total Hours / Quantity					660	920	360	600	1,000	
Total Effort					\$ 5,610	\$ 575	\$ 396	\$ 660	\$ 1,100	\$ 8,341

City of Hutto
Attachment B - Project No. W4: Jonah Interconnect
10/5/2022
Detailed Cost Breakdown

Tasks						Total
Phase	Task	Activity	Basic or Special	Task Description	Total Sub Effort	Total Effort
					\$ -	\$ -
					\$ -	\$ -
1				Construction Services	\$ -	\$ -
				Meetings (10)	\$ -	\$ 10,788
				RFIs (12)	\$ -	\$ 10,710
				Shop Drawings (30)	\$ -	\$ 29,596
				Electrical Inspection (10)	\$ -	\$ 17,231
				Pay Application Review (12)	\$ -	\$ 7,213
				Site Visits (4)	\$ -	\$ 17,737
				Record Drawings	\$ -	\$ 35,752
					\$ -	\$ -
Total Hours / Quantity						
Total Effort					\$ -	\$ 129,027

City of Hutto: W4: Jonah SUD Wholesale Interconnect and 16-inch Diameter Water Transmission Line																			
ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Sep	Qtr 4, 2023 Oct	Nov	Dec	Qtr 1, 2024 Jan	Feb	Mar	Qtr 2, 2024 Apr	May	Jun	Qtr 3, 2024 Jul
1			Notice to Proceed	0 days	Mon 11/21/2	Mon 11/21/2													
2			Preliminary Design Phase	95 days	Mon 1/2/23	Fri 5/12/23													
12			Design Phase	235 days	Mon 3/6/23	Fri 1/26/24													
30			Construction Phase	170 days	Mon 11/27/2	Fri 7/19/24													
31			Submittals & Materials Procurem	2 wks	Mon 11/27/2	Fri 12/8/23	29												
32			Order Material / Mobilization	8 wks	Mon 12/11/2	Fri 2/2/24	31												
33			Construction / Substantial Completion	20 wks	Mon 2/5/24	Fri 6/21/24	32												
34			Final Completion	4 wks	Mon 6/24/24	Fri 7/19/24	33												
Project: Jonah Interconnect Date: Wed 9/6/23			Task		Project Summary		Inactive Milestone		Manual Summary Rollup		Deadline								
			Split		External Tasks		Inactive Summary		Manual Summary		Progress								
			Milestone		External Milestone		Manual Task		Start-only		Manual Progress								
			Summary		Inactive Task		Duration-only		Finish-only										
Page 1																			

House Bill 89 Verification Form

Prohibition on Contracts with Companies Boycotting Israel

The 85th Texas Legislature approved new legislation, effective Sept. 1, 2017, which amends Texas Local Government Code Section 1. Subtitle F, Title 10, Government Code by adding Chapter 2270 which states that a governmental entity may not enter into a contract with a company 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

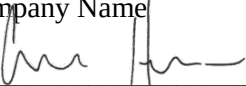
Pursuant to Section 2270.001, Texas Government Code:

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.

I, (authorized official) Anne Hoskins, do hereby depose and verify the truthfulness and accuracy of the contents of the statements submitted on this certification under the provisions of Subtitle F, Title 10, Government Code Chapter 2270 and that the company named below:

- 1) does not boycott Israel currently; and
- 2) will not boycott Israel during the term of the contract; and
- 3) is not currently listed on the State of Texas Comptroller's Companies that Boycott Israel List located at <https://comptroller.texas.gov/purchasing/publications/divestment.php>

Freese and Nichols, Inc.

Company Name


Signature of Authorized Official

Vice President

Title of Authorized Official

October 5, 2022

Date

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

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****1 Name of business entity filing form, and the city, state and country of the business entity's place of business.**

Freese and Nichols, Inc
Fort Worth, TX United States

Certificate Number:
2022-941263

Date Filed:
10/05/2022

Date Acknowledged:

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

City of Hutto

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.

Project No. W4-W5
Jonah SUD Wholesale Interconnect and 16-inch diameter water transmission line

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Wolfhope, John	Austin, TX United States	X	
	Reedy, Mike	Houston, TX United States	X	
	Archer, Charles	Raleigh, NC United States	X	
	Greer, Alan	Fort Worth, TX United States	X	
	Hatley, Tricia	Oklahoma City, OK United States	X	
	Johnson, Kevin	Dallas, TX United States	X	
	Payne, Jeff	Fort Worth, TX United States	X	
	Coltharp, Brian	Fort Worth, TX United States	X	
	Pence, Bob	Fort Worth, TX United States	X	

5 Check only if there is NO Interested Party.☐**6 UNSWORN DECLARATION**

My name is Paula Durant, and my date of birth is September 15, 1970.

My address is 801 Cherry Street, Suite 2800, Fort Worth, TX, 76102, US.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Tarrant County, State of Texas, on the 5th day of October, 20 22.
(month) (year)

Paula Durant

Signature of authorized agent of contracting business entity
(Declarant)

W-03 Northwest Transmission Water Main (Jonah SUD Wholesale Interconnect)



AGENDA ITEM REPORT

11.4.



To: City Council
Subject: Consideration and possible action relating to Resolution No. R-2023-268 approving the Service Area Agreement between the City of Hutto and the Jonah Water Special Utility District to release Water CCN area to Jonah Special Utility District (Matt Rector)
Meeting: Thursday, October 19, 2023
Department: Engineering /
Staff Contact: Matt Rector

BACKGROUND INFORMATION:

This Service Area Agreement will allow the City of Hutto and Jonah Water Special Utility District to amend their respective CCN service area boundaries by agreement pursuant to Texas Water Code § 13.248, in order to achieve and maintain efficient and affordable retail public water service to their respective customers. The property subject to the Agreement is the approximately 95-acre property identified as “Agreement Area for Transfer” as shown on Exhibit “A” of the Service Area Agreement. The Agreement shall be filed with the PUC pursuant to Texas Water Code § 13.248, along with a written petition as required by 16 Texas Administrative Code § 24.253 (“Petition”), and such other documents that may be required to incorporate this Agreement into the respective CCNs of Hutto and Jonah SUD.

SUMMARY OF REQUEST:

Approve Resolution as presented.

STAFF REVIEW:

Staff recommends approval.

FISCAL NOTES:

This CCN swap allows Jonah the right to serve the 95 acres shown in Exhibit A. There are no costs associated with this item. The City of Hutto would not be able to provide water service to this area with Jonah holding the CCN.

ATTACHMENTS:

1. Hutto Resolution Jonah Service Area Agreement

AGENDA ITEM REPORT

11.4.



RESOLUTION NO. R-2023-268

RESOLUTION OF THE CITY OF HUTTO, TEXAS AUTHORIZING THE CITY MANAGER TO EXECUTE A SERVICE AREA AGREEMENT BETWEEN THE CITY OF HUTTO AND JONAH WATER SPECIAL UTILITY DISTRICT; AND PROVIDING AN EFFECTIVE DATE

WHEREAS, Hutto is municipal corporation in Texas and holds water Certificate of Convenience and Necessity (CCN) No. 10321 (Hutto Water CCN) and sewer CCN No. 20122(Hutto Sewer CCN); and

WHEREAS, Jonah SUD is a special utility district organized under Chapters 49 and 65 of the Texas Water Code and holds water CCN No. 10970 (Jonah SUD Water CCN) and sewer CCN No. 21053 (Jonah SUD Sewer CCN); and

WHEREAS, the City Council desires to authorize the City Manager to execute a Service Area Agreement between the City of Hutto and the Jonah Water Special Utility District to amend their respective CCN service area boundaries by agreement pursuant to Texas Water Code § 13.248, in order to achieve and maintain efficient and affordable retail public water service to their respective customers.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct.

SECTION 2: The City Manager is authorized to execute a Service Area Agreement between the City of Hutto and the Jonah Water Special Utility District, Attachment “A”, incorporated, herein, for all purposes, to amend their respective CCN service area boundaries by agreement pursuant to Texas Water Code § 13.248, in order to achieve and maintain efficient and affordable retail public water service to their respective customers.

SECTION 3. The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

SECTION 4. This Resolution shall take effect immediately from and after its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO on the 19TH day of October 2023 on vote of ___ AYES; ___ NAYS; ___ ABSTENTIONS.

CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary

EXHIBIT A

SERVICE AREA AGREEMENT

This Agreement is entered into by and between the City of Hutto (“Hutto”) and Jonah Water Special Utility District (“Jonah SUD”) (collectively, the “Parties,” and individually depending upon the context, “Party”) and is effective upon execution by the second party to sign the same.

RECITALS

WHEREAS, Hutto is municipal corporation in Texas and holds water Certificate of Convenience and Necessity (CCN) No. 10321 (Hutto Water CCN);

WHEREAS, Jonah SUD is a special utility district organized under Chapters 49 and 65 of the Texas Water Code and holds water CCN No. 10970 (Jonah SUD Water CCN);

WHEREAS, Hutto and Jonah SUD find it mutually advantageous to amend their respective CCN service area boundaries by agreement pursuant to Texas Water Code § 13.248, in order to achieve and maintain efficient and affordable retail public water service to their respective customers; and

WHEREAS, pursuant to Texas Water Code § 13.248, contracts between retail public utilities designating areas to be served, when approved by the Public Utility Commission of Texas (“PUC”), are valid and enforceable and are incorporated into the appropriate CCNs; and

WHEREAS, the Hutto and Jonah SUD mutually desire to enter into this Agreement setting forth the terms and conditions pursuant to which they will designate areas and customers to be served and to request the PUC to incorporate such designations into their CCNs;

NOW, THEREFORE, in consideration of the promises, mutual agreements, and covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Hutto and Jonah SUD hereby contract and agree as follows:

ARTICLE I **TERMS**

1.1 Recitals. The recitals set forth above are incorporated herein and shall compose together with the terms agreed upon herein, the Agreement.

1.2 Term. This Agreement shall remain valid and enforceable unless and until superseded by a subsequent written agreement. No other amendments, except those expressly agreed upon herein, shall be made to either Party’s existing certificated service area boundaries pursuant to this Agreement.

1.3 Property Subject to the Agreement. The property subject to this Agreement is the approximately 95-acre property identified as “Agreement Area for Transfer” as shown on Exhibit A.

EXHIBIT A

1.4 Agreement Area for Transfer. Hutto and Jonah SUD agree that the area identified on Exhibit A as the “Agreement Area for Transfer,” attached and incorporated herein by reference, shall be removed from Hutto’s Water CCN No. 10321, and transferred to Jonah SUD’s Water CCN No. 10970.

1.5 PUC Approval. As soon as practical, but in no event later than fifteen (15) days after the Effective Date, the parties agree to jointly file this Agreement with the PUC pursuant to Texas Water Code § 13.248, along with a written petition as required by 16 Texas Administrative Code § 24.253 (“Petition”), and such other documents that may be required to incorporate this Agreement into the respective CCNs of Hutto and Jonah SUD. In the event the PUC does not incorporate this Agreement into the respective CCNs, or requires additional evidence, documentation, maps, or action from the Parties, the Parties shall promptly and jointly prepare and submit such cures or additional applications as may be necessary to obtain PUC approval. Jonah SUD agrees to take primary responsibility for drafting and filing necessary documents at the PUC and in complying with all subsequent processing of those documents at the PUC.

1.6 Interim Service. Hutto hereby consents to Jonah SUD providing retail water service to the Proposed Partial Transfer Area beginning on the date of execution of this Agreement and during the pendency of the § 13.248 Application.

1.7 Customers. Parties agree that no customers will be transferred between the Parties as a result of this Agreement or the CCN service area boundary amendments resulting therefrom.

1.8 Compensation. No compensation will be exchanged for the proposed CCN service area transfers to Jonah SUD agreed upon herein. Jonah SUD has agreed to assume the reasonable and necessary legal costs, county recording costs incurred pursuant to Texas Water Code § 13.257(r).

1.9 Termination.

- (a) Unless the Parties agree in writing to extend this Agreement, this Agreement shall terminate upon the date that any order issued by the PUC denying the Petition is final non-appealable.
- (b) Either Party may terminate this Agreement if any hearing request or motion to intervene opposing the Petition is granted by the PUC.

ARTICLE II MISCELLANEOUS

2.1 No agreements other than this Agreement now exist between Hutto and Jonah SUD concerning the subject matter of this Agreement.

2.2 This Agreement shall be binding on Hutto and Jonah SUD and shall be binding on and inure to the benefit of the successors and assigns of the respective Parties to this Agreement.

EXHIBIT A

2.3 This Agreement is the entire agreement between the Parties hereto with respect to the subject matter hereof. No modifications of this Agreement shall be of any force or effect, whatsoever, except as by subsequent modification in writing signed by the Parties.

2.3 The provisions of this Agreement shall be governed by and construed and entered in accordance with the substantive laws of the State of Texas. Any action at law or in equity brought to enforce any provision of this Agreement shall be brought in a court of competent jurisdiction with venue in Williamson County, Texas, except to the extent the PUC is made party to such action in which event venue may be in Travis County, Texas.

2.4 The individuals executing this Agreement on behalf of the respective parties below represent that all necessary and appropriate action has been taken to authorize the individual who is executing this Agreement to do so for and on behalf of the party for which his or her signature appears, that there are no other parties or entities required to execute this Agreement in order for the same to be an authorized and binding agreement on the party for whom the individual is signing, and that each individual affixing his or her signature is authorized to do so, and such authorization is valid and effective on the date hereof. If the authority of the individual executing this Agreement is subsequently challenged, the party for which the individual was acting shall take all steps necessary to ratify the authority of the individual.

2.5 This Agreement may be executed in multiple originals, either copy of which shall be considered an original.

2.6 This Agreement shall be effective on the date of execution below, the latter of which shall be the Effective Date.

2.7 No Party will be penalized for alleged authorship of a particular provision upon judicial construction of this Agreement.

2.8 No Party to this Agreement shall initiate any litigation or arbitration challenging the validity or enforceability of any provision of this Agreement once it has been signed. The Parties reserve only their right to enforce the terms of this Agreement to the extent they are not fully performed by any other Party.

2.9 This Agreement shall be construed and interpreted in accordance with Section 13.248 of the Texas Water Code.

2.10 Should any provision of this Agreement be declared void by a court of competent jurisdiction, the remaining provisions of this Agreement shall remain in full force and effect.

EXECUTED AND AGREED TO by the Parties hereto this ____ day of _____, 2023.

CITY OF HUTTO

EXHIBIT A

By: _____

Printed Name: _____

Title: _____

JONAH WATER SPECIAL UTILITY DISTRICT

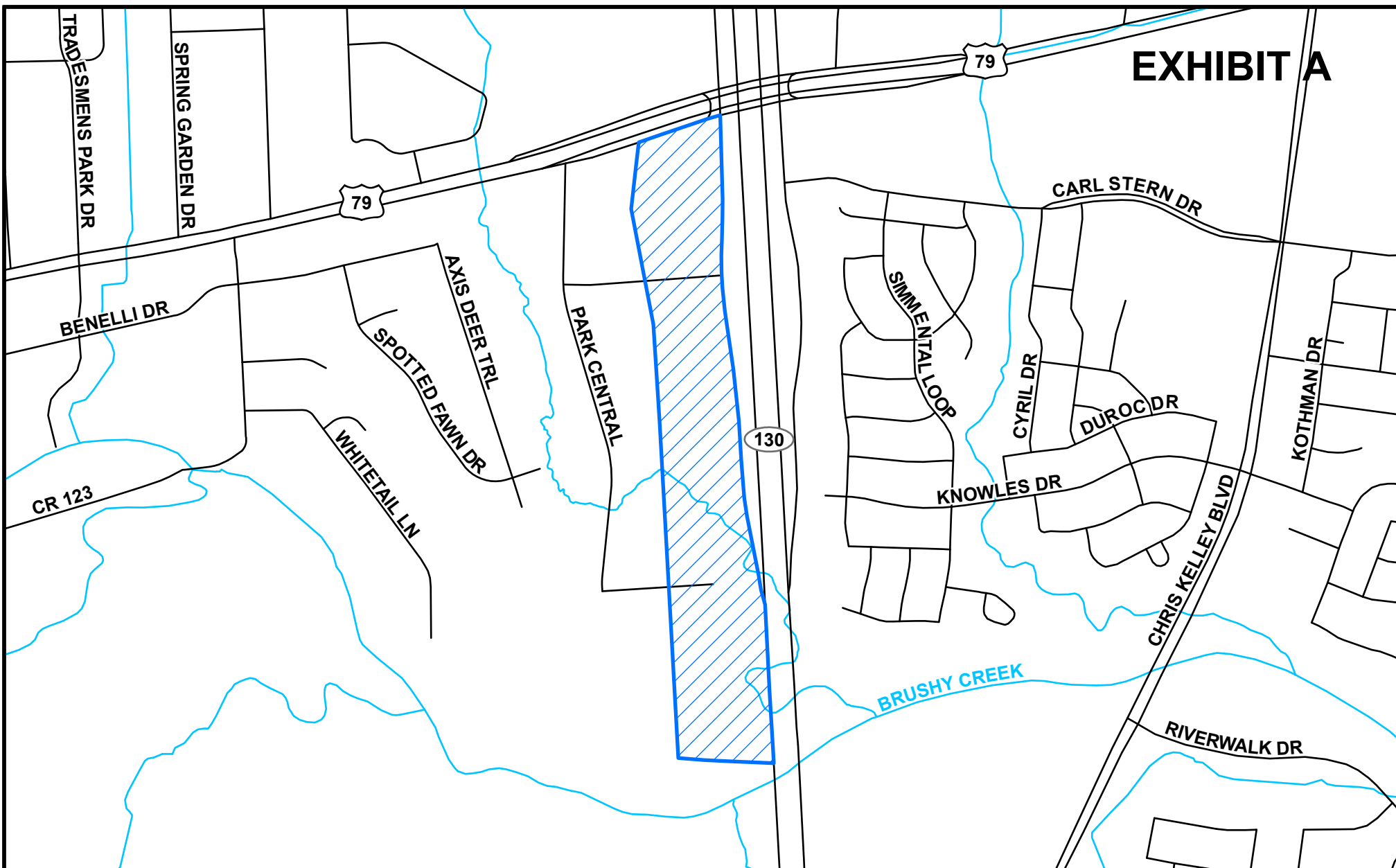
By: _____

Printed Name: _____

Title: _____

Exhibit A

EXHIBIT A



Detail Map

City of Hutto / Jonah SUD Agreement
to Transfer a Portion of City of Hutto, Water CCN No. 10321 to Jonah Water SUD, Water CCN No. 10970
Williamson County

 Agreement Area for Transfer - approximately 95 acres



0 500 1,000
Feet

Map by: S. Neuman, City of Hutto
Date: June 21, 2023
Base: Williamson County 2023 Roadways
Project: Agreement_Area_for_Transfer_Detail_Map

AGENDA ITEM REPORT

11.5.



To: City Council
Subject: Consideration and possible action on Resolution No. R-2023-274 amending the completion date of the Water Modeling updates to the Individual Project Order No. 2023-13 to the Master Agreement dated July 15, 2021 between the City of Hutto and Freese and Nichols, Inc. to February 29, 2024 (Matt Rector)
Meeting: Thursday, October 19, 2023
Department: Engineering /
Staff Contact: Matt Rector

BACKGROUND INFORMATION:

The City of Hutto request services from Freese and Nichols to update the Water Model

SUMMARY OF REQUEST:

The Master Services Agreement with Freese and Nichols, Inc. was executed on July 15, 2021. FNI was selected to develop the City of Hutto's Water Master Plan on February 24, 2022. Council accepted the City's Water Master Plan on December 15, 2022.

Routine and accurate water model updates assist in the assessment of the water distribution system. Model updates may include evaluating proposed capital improvement projects, adding and evaluating a new water supply source(s), optimizing and investigating operational or maintenance issues. This project includes periodic Water Model updates that are not related to development projects and SER reviews. The IPO anticipates performing approximately one water model update and a meeting with city staff on a monthly basis to review the results through fiscal year (FY) 2024, ending February 29, 2024.

Water Model updates will be performed by others and are a separate agenda item.

STAFF REVIEW:

FISCAL NOTES:

The funding source for this is the Utility Operating fund (50-040-001-6404). There is a \$20,000 budget with no encumbrances to date. There is one other IPO on the agenda for approval that will be funded by this line item. While there are currently sufficient funds for the two extensions of these IPO's, total costs associated with these IPO's significantly vary from month-to-month. Finance and engineering will need to monitor that these IPO's do not exceed the line item budget.

AGENDA ITEM REPORT

11.5.



ATTACHMENTS:

1. Hutto Res Amend Water modeling updates Freese w Exh A

RESOLUTION NO. R-2023-274

**A RESOLUTION OF THE CITY OF HUTTO, TEXAS,
AMENDING COMPLETION DATE TO INDIVIDUAL
PROJECT ORDER NO. 2023-13 BETWEEN FREESE AND
NICHOLS, INC. AND THE CITY OF HUTTO FOR WATER
MODELING UPDATES; AUTHORIZING THE CITY
MANAGER TO EXECUTE THE FIRST AMENDMENT TO
IPO TO THE MASTER AGREEMENT; PROVIDING
PROPER NOTICE & MEETING, AND PROVIDING AN
EFFECTIVE DATE.**

WHEREAS, the City Council desires to amend the completion date of the water modeling updates Individual Project Order No. 2023-13 to the Master Agreement dated July 15, 2021 between Freese and Nichols, Inc. and the City of Hutto, Texas (“City”) to February 29, 2024; and

WHEREAS, the City Council desires to authorize the City Manager to execute the First Amendment to IPO No. 2023-13 to the Master Agreement (“First Amendment”), attached as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

Section 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

Section 2: The Hutto City Council hereby approves and authorizes the City Manager to execute the First Amendment, attached as Exhibit A, a copy of the same being attached hereto and incorporated herein for all purposes.

Section 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

Section 4. This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 19th day of October 2023 on vote of __AYES; __NAYS; __ABSTENTIONS.

THE CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary



**Individual Project Order 2023-13
to the Master Agreement
between the City of Hutto
and Freese and Nichols, Inc.
(07/15/2021)**

Water Model Updates



This Individual Project Order (IPO) is made by and between the **City of Hutto** (hereinafter referred to as "**City**") and **Freese and Nichols, Inc.**, (hereinafter referred to as "**Consultant**") in accordance with the provisions of the MASTER AGREEMENT FOR CONTINUING PROFESSIONAL SERVICES executed on July 15, 2021 (the "Agreement").

Under this IPO, the City intends to contract with Consultant to update the hydraulic model of the City's water distribution system.

Consultant will provide professional services related to the project as described herein. Terms not defined herein shall have the meaning assigned to them in the Agreement.

SECTION 1 - SCOPE OF SERVICES

Consultant will perform the services specified in Attachment A.

SECTION 2 – PAYMENT

Consultant proposes to furnish services as described herein for the hourly not-to-exceed (NTE) fee of Sixty Seven Thousand Five Hundred Sixty Dollar (\$67,560) for Study Phase services. The Owner will pay Consultant, for time spent on the project, at the rates shown in Attachment B for each classification of Consultant's personnel (may include contract staff classified at Consultant's discretion) plus reimbursable expenses including but not limited to printing, courier service, reproduction, and travel. The rates shown in Attachment B will be increased annually with the first increase effective on or about February 1, 2024.

The Owner will pay Consultant on a monthly basis, based upon statements submitted by Consultant to the Owner indicating the estimated hours spent on the effort within the billing period.

The Owner represents that funding sources are in place with the available funds necessary to pay Consultant. If any payment due Consultant under this agreement is not received within 60 days from date of invoice, Consultant may elect to suspend services under this agreement without penalty or liquidated damages assessed from the Owner.

SECTION 3 – ATTACHMENTS

3.1 The following Attachments are attached to and made a part of this IPO:

3.1.1 Attachment A – Scope of Services

3.1.2 Attachment B – Fee Schedule and Unit Rates

This IPO may be executed in two (2) or more counterparts each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

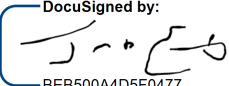
Freese and Nichols, Inc. IPO
2023-13



The effective date of this IPO shall be the last date written below.

City of Hutto, Texas

Freese and Nichols, Inc.

By: 
Signature
BEB500A4D5F0477...

By: 
Signature

Name: James R. Earp, CPM
Printed Name

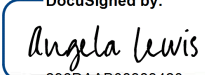
Name: Stephanie Neises
Printed Name

Title: City Manager

Title: Principal

Date: 03/27/2023

Date: 2/21/23

Attest: 
296DAAB08383420...

Attest: 

Freese and Nichols, Inc. IPO
2023-13



Attachment A – Scope of Services

Project:

Water Model Updates

February 21, 2023

1.0 Background

As part of the 2022 Water Master Plan, Freese and Nichols, Inc. (FNI) developed an InfoWater Pro hydraulic model of the City's water distribution system. It is necessary to periodically update the hydraulic model as new pipelines and facilities are constructed so the model accurately represents the current water system. FNI will perform monthly model updates to include newly constructed infrastructure as well as new customers added to the system. Model updates and on-call modeling included as part of this project are not related to modeling performed for Service Extension Requests (SERs). SER reviews are performed under a separate IPO with the City.

1.1 Project Assumptions

This project scope is based on the following assumptions:

- The existing model developed as part of the City's 2022 Water Master Plan (accepted 12/15/22) shall be used as the basis for all future model updates.
- Land use assumptions and water demand projections will not be updated as part of the monthly updates. Annual growth rates identified in the 2022 Water Master Plan will be used for future modeling unless specifically directed otherwise by City staff.
- Model updates will be based on the City's GIS data. No field investigations or surveying will be conducted to collect data for the model update.

1.2 Project Schedule

The project schedule shall be complete by September 29, 2023.

2.0 Hydraulic Model Updates

Monthly model updates will consist of the following tasks:

2.1 Data Collection and Review

- Request current GIS from City.
- Request as-built drawings for new facilities (pump stations, tanks, etc.) and/or pipelines if attribute information is missing from GIS.
- Request monthly water connections and billing data. Geocode new meters on a bi-monthly basis.

2.2 InfoWater Pro Model Updates

- Import GIS data into model and perform connectivity check to verify correct start and end points of new water lines.
- Enter attribute data for new model elements.
- Run existing and future system scenarios to verify model functionality.

- Update demand allocation based on location of new water meters. Per connection demand rates developed as part of the 2022 Water Master Plan will be utilized to assign maximum day demand to model nodes.

2.3 Progress Meetings

- Meet with City staff monthly to discuss model updates, timing of newly constructed projects, discrepancies in data, and/or changes to water system operations.

3.0 On-call Water Modeling

On-call modeling may be performed, at the City's request, to assist in the assessment of the water distribution system. On-call assignments may include, but are not limited to, evaluating revisions to proposed capital improvement projects, incorporating water from a new supply source, operational investigations, and/or emergency maintenance assistance. An allowance of \$40,000 is included for on-call modeling tasks. If the Consultant anticipates an individual on-call task will exceed \$3,000, the Consultant shall submit a scope and estimated effort to the City for approval before proceeding with the task. This generally applies to tasks anticipated to take longer than 12 to 16 hours.

ATTACHMENT B

Compensation to FNI for Basic Services in Attachment A shall be computed on the basis of the following Schedule of Charges, but shall not exceed Sixty Seven Thousand Five Hundred Sixty Dollars (\$67,560).

If FNI sees the Scope of Services changing so that Additional Services are needed, including but not limited to those services described as Additional Services in Attachment A, FNI will notify OWNER for OWNER's approval before proceeding. Additional Services shall be computed based on the following Schedule of Charges.

<u>Position</u>	<u>Hourly Rate</u>	
	<u>Min</u>	<u>Max</u>
Professional 1	91	179
Professional 2	109	179
Professional 3	130	280
Professional 4	130	319
Professional 5	203	350
Professional 6	224	424
Construction Manager 1	98	116
Construction Manager 2	98	175
Construction Manager 3	140	175
Construction Manager 4	161	224
Construction Manager 5	186	266
Construction Manager 6	256	315
Construction Representative 1	81	98
Construction Representative 2	91	98
Construction Representative 3	112	165
Construction Representative 4	116	186
CAD Technician/Designer 1	70	137
CAD Technician/Designer 2	112	168
CAD Technician/Designer 3	154	224
Corporate Project Support 1	63	137
Corporate Project Support 2	77	196
Corporate Project Support 3	91	361
Intern / Coop	49	84

Rates for In-House Services and Equipment

<u>Mileage</u>	<u>Bulk Printing and Reproduction</u>		<u>Equipment</u>	
Standard IRS Rates		<u>B&W</u>	<u>Color</u>	
	Small Format (per copy)	\$0.10	\$0.25	Valve Crew Vehicle (hour) \$75
	Large Format (per sq. ft.)			Pressure Data Logger (each) \$200
<u>Technology Charge</u>	Bond	\$0.25	\$0.75	Water Quality Meter (per day) \$100
\$8.50 per hour	Glossy / Mylar	\$0.75	\$1.25	Microscope (each) \$150
	Vinyl / Adhesive	\$1.50	\$2.00	Pressure Recorder (per day) \$100
				Ultrasonic Thickness Gauge (per day) \$275
	Mounting (per sq. ft.)	\$2.00		Coating Inspection Kit (per day) \$275
	Binding (per binding)	\$0.25		Flushing / Cfactor (each) \$500
				Backpack Electrofisher (each) \$1,000
				<u>Survey Grade</u> <u>Standard</u>
				Drone (per day) \$200 \$100
				GPS (per day) \$150 \$50

OTHER DIRECT EXPENSES:

Other direct expenses are reimbursed at actual cost times a multiplier of 1.10. They include outside printing and reproduction expense, communication expense, travel, transportation and subsistence away from the FNI office. For other miscellaneous expenses directly related to the work, including costs of laboratory analysis, test, and other work required to be done by independent persons other than staff members, these services will be billed at a cost times a multiplier of 1.10. For Resident Representative services performed by non-FNI employees and CAD services performed In-house by non-FNI employees where FNI provides workspace and equipment to perform such services, these services will be billed at cost times a multiplier of 2.0. This markup approximates the cost to FNI if an FNI employee was performing the same or similar services.

These ranges and/or rates will be adjusted annually in February. Last updated in 2023.

City of Hutto Water Model Updates 2/21/2023 Detailed Cost Breakdown	Project Fee Summary	
	Basic Services	\$ 67,560
	Special Services	\$ -
	Total Project	\$ 67,560

	Task Description	Dave Christiansen	Cooper Bisset	Stephanie Neises		Total Hours	Total Labor Effort	Total Expense Effort	Total Effort
		Professional 4	Professional 1	Professional 6					
	Data Collection and Review (once monthly for 7 months)	14	14			28	\$ 4,280	\$ 238	\$ 4,520
	InfoWater Pro Model Updates (once monthly for 7 months)	56	14	7		77	\$ 15,099	\$ 655	\$ 15,750
	Progress Meetings (once monthly for 7 months)	14		14		28	\$ 7,050	\$ 238	\$ 7,290
	On-call Modeling	120	16	40		176	\$ 38,372	\$ 1,628	\$ 40,000
	Total	204	44	61	-	309	\$ 64,801	\$ 2,759	\$ 67,560

AGENDA ITEM REPORT

11.6.



To: City Council
Subject: Consideration and possible action on Resolution No. R-2023-275 amending the completion date for the Water Services Extension Individual Project Order No. 2023-10 to the Master Agreement between the City of Hutto and Freese and Nichols to February 29, 2024 (Matt Rector)
Meeting: Thursday, October 19, 2023
Department: Engineering /
Staff Contact: Matt Rector

BACKGROUND INFORMATION:

The Master Services Agreement with Freese and Nichols, Inc. was executed on July 15, 2021. FNI was selected to develop the City of Hutto's Water Master Plan on February 24, 2022. Council accepted the City's Water Master Plan on December 15, 2022.

Water Service Extension Request (SER) is a process that allows the city to analyze a proposed development to determine what improvements, if any, will be required to the city's water system in order to serve the suggested development. This is done for all developments that wish to utilize the city's water system. This process allows the city to review the water models in conjunction with the proposed development(s) and determine if pipe sizes need to be increased, if additional off-site improvements are needed, and indicates if the request isn't fully triggered by the development, then the SER would indicate that some cost participation by the city would be anticipated. Once the SER is completed and the developer agrees to the improvements, then the SER is used as back up for the Municipal Service Plan that is part of the annexation process.

Water SER reviews will be conducted on an on-call hourly basis. These will be conducted by the third party reviewer and overseen by city staff. The City Engineer is the point of contact for the developer and the third party reviewer. All communication is routed through the City Engineer. Any communication between the third party reviewer (FNI) and the developer will be facilitated by the City Engineer. The reviews include hydraulic modeling and analysis of the proposed development's impact on the City's existing and planned water transmission and distribution systems. Reviews typically include recommended improvements required to serve the proposed project. As of October 2023 review times are averaging approximately 10 business days.

The IPO anticipates performing approximately two SER reviews a month and weekly meetings with city staff to review the results through fiscal year (FY) 2024, ending February 29, 2024. Deliverables include SER reports.

SUMMARY OF REQUEST:

AGENDA ITEM REPORT

11.6.



Approval of the IPO with Freese and Nichols, Inc.

STAFF REVIEW:

FISCAL NOTES:

The funding source for this is the Utility Operating fund (50-040-001-6405). There is a \$35,000 budget with no encumbrances to date. There is one other IPO on the agenda for approval that will be funded by this line item.

The costs associated with these SER's are pass-through costs, meaning the City will be reimbursed. While there are currently sufficient funds for the two extensions of these IPO's, total costs associated with these IPO's significantly vary from month-to-month. Finance and engineering will need to monitor that these IPO's do not exceed the line item budget. In the event that these begin to exceed the budget, a future amendment will be done to increase the expense and offsetting revenue accounts.

ATTACHMENTS:

1. Hutto Res Amend Water SER with Freese w Exh A

RESOLUTION NO. R-2023-275

**A RESOLUTION OF THE CITY OF HUTTO, TEXAS,
AMENDING COMPLETION DATE TO INDIVIDUAL
PROJECT ORDER NO. 2023-10 BETWEEN FREESE AND
NICHOLS, INC. AND THE CITY OF HUTTO FOR WATER
SERVICES EXTENSION; AUTHORIZING THE CITY
MANAGER TO EXECUTE THE FIRST AMENDMENT TO
IPO TO THE MASTER AGREEMENT; PROVIDING
PROPER NOTICE & MEETING, AND PROVIDING AN
EFFECTIVE DATE.**

WHEREAS, the City Council desires to amend the completion date of the water services extension Individual Project Order No. 2023-10 to the Master Agreement dated July 15, 2021 between Freese and Nichols, Inc. and the City of Hutto, Texas (“City”) to February 29, 2024; and

WHEREAS, the City Council desires to authorize the City Manager to execute the First Amendment to IPO No. 2023-10 to the Master Agreement (“First Amendment”), attached as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

Section 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

Section 2: The Hutto City Council hereby approves and authorizes the City Manager to execute the First Amendment, attached as Exhibit A, a copy of the same being attached hereto and incorporated herein for all purposes.

Section 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

Section 4. This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 19th day of October 2023 on vote of __AYES; __NAYS; __ABSTENTIONS.

THE CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary



**Individual Project Order 2023-10
to the Master Agreement
between the City of Hutto
and Freese and Nichols, Inc.
(07/15/2021)**

Water Service Extension Requests



This Individual Project Order (IPO) is made by and between the **City of Hutto** (hereinafter referred to as "**City**") and **Freese and Nichols, Inc.**, (hereinafter referred to as "**Consultant**") in accordance with the provisions of the MASTER AGREEMENT FOR CONTINUING PROFESSIONAL SERVICES executed on July 15, 2021 (the "Agreement").

Under this IPO, the City intends to contract with Consultant to review Water Service Extension Requests (SER).

Consultant will provide professional services related to these tasks as described herein. Terms not defined herein shall have the meaning assigned to them in the Agreement.

SECTION 1 - SCOPE OF SERVICES

Consultant will perform the services specified in Attachment A.

SECTION 2 – PAYMENT

Consultant proposes to furnish services as described herein for a lump sum fee per SER review based on the fee table provided in Attachment B with a not to exceed total of Fifty Five Thousand Three Hundred Dollars (\$55,300). The rates shown in Attachment B shall be increased annually with the first increase effective on or about February 1, 2024.

The Owner will pay Consultant on a monthly basis, based upon statements submitted by Consultant to the Owner with SER name and number. It is anticipated that the services described in Attachment A will be provided until the NTE amount is exhausted, at which point a new IPO will be executed to extend the contract amount.

The Owner represents that funding sources are in place with the available funds necessary to pay Consultant. If any payment due Consultant under this agreement is not received within 60 days from date of invoice, Consultant may elect to suspend services under this agreement without penalty or liquidated damages assessed from the Owner.

SECTION 3 – ATTACHMENTS

- 3.1 The following Attachments are attached to and made a part of this IPO:
- 3.1.1 Attachment A – Scope of Services
 - 3.1.2 Attachment B – Fee Schedule

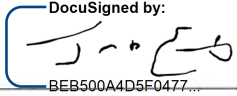
This IPO may be executed in two (2) or more counterparts each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

Freese and Nichols, Inc. IPO
2023-10



The effective date of this IPO shall be the last date written below.

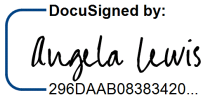
City of Hutto, Texas

By: 
Signature DocuSigned by:
BEB500A4D5F0477...

Name: James R. Earp, CPM
Printed Name

Title: City Manager

Date: 3/29/2023

Attest: 
DocuSigned by:
296DAAB08383420...

Freese and Nichols, Inc.

By: 
Signature

Name: Stephanie Neises
Printed Name

Title: Principal

Date: 03/09/23

Attest: 

Freese and Nichols, Inc. IPO
2023-10



Attachment A – Scope of Services

Project:

**Water Service Extension Request Review
Services**

March 3, 2023

1.0 Background

The City requires a Service Extension Request (SER) form to be completed and submitted to the City for all new requests for water service. The purpose of the SER is to provide information to the City on proposed developments. This information is used to assess the impact of the new development on the City's water system. Freese and Nichols, Inc. (FNI) will review the submitted SERs, provide recommendations on water system improvements needed to serve new developments, and coordinate with City staff to address any developer comments to the SER responses generated by FNI.

1.1 Project Assumptions

This project scope is based on the following assumptions:

- The recommended water system improvements developed as part of the City's 2022 Water Master Plan (accepted 12/15/22) shall be used as the basis for the SER reviews.
- Water demand and Living Unit Equivalent (LUE) calculations are based on the City's Utility Criteria Manual for Water & Wastewater Design Standard.

1.2 Project Schedule

The project schedule shall be complete by September 29, 2023.

2.0 SER Reviews

As a component of each SER review, FNI will complete the following tasks:

2.1 Data Requests and Confirmation

- Review SER application data related to the proposed development(s), as provided by the developer(s), and follow up with the City and/or the developer(s) for any clarification or additional information needed to complete the assessment.
- Confirm known and projected developments (and associated LUEs at full buildout) in the surrounding area.
- Confirm with the City that standard design criteria should be utilized.

2.2 Hydraulic Modeling Analyses

- Determine if the existing water infrastructure has adequate capacity to convey the calculated peak hour demand and requested fire flow at full buildout.
- Determine proposed improvements to the existing water infrastructure to convey the calculated peak hour demand and requested fire flow at full buildout.

2.3 SER Review Report

- Document the hydraulic model inputs, results, and proposed infrastructure improvements in a brief SER Review Report for submission to the City. A draft SER Review will be submitted for City review. Following the City's review and discussion with developers, FNI will incorporate any comments and submit a final SER Review Report.
- Subject to applicable law, including Texas Local Government Code Section 271.904, initial SER Reports must be submitted to the City within ten (10) business days after receipt of the complete SER application information from the City and developer, unless the Consultant demonstrates to the City's reasonable satisfaction that due to unusual circumstances in a specific instance or instances a different time period for such submission is necessary, considering the ordinary professional skill and care of a competent engineer performing the work as expeditiously as is prudent. Any extension of the ten (10) business days requirement must be approved by the City Engineer in advance, but the City will not withhold approval except to the extent, if any, to which the request for extension clearly contravenes the standard for extension approval provided in the previous sentence. Any extension request or City action thereon must be consistent with all other terms of the Agreement, including but not limited to Section 3 Period of Service.
- Failure of Consultant to submit to the City an initial draft SER Report within the ten (10) business day requirement without obtaining advanced approval shall entitle City to seek any and all recourse available under the Agreement, including but not limited to Section 8 Termination and Section 14 Dispute Resolution.
- If the City requests edits to be made to the Initial SER Report, Consultant must submit a revised SER Report to the City within five (5) business days after receipt of this request. This request can be made via email, phone call, or in-person discussion.
- Consultant is not responsible for answering developer emails and phone calls. The City is responsible for forwarding any questions or requests from developers to Consultant if the City wishes to receive an answer from the Consultant. Consultant must submit their answer to the City within ten (10) business days after receipt of the question/request.
- While Consultant must provide an Initial SER response to the City within ten (10) business days of receiving an application, the timeline for submittal of a Final SER response is dependent upon the number and timeframe of City reviews.

2.4 SER Response Coordination

- Coordination with Garver, the consultant reviewing the wastewater SERs, on LUE calculations.

2.5 Developer Coordination

- Prepare for and attend meetings with City staff and developer team to answer developer questions and obtain additional SER information.

- Meeting prep and email correspondence with developers.

3.0 Additional Services

This scope of services does not include the following:

1. Utility design for the City of Hutto or the developer(s)
2. Review or modeling of wastewater infrastructure. This IPO is limited to potable water modeling services.
3. FNI, under this contract, will not perform design services for the Developer. For example, FNI will not perform iterative modeling to determine allowable LUEs for different development scenarios in City of Hutto infrastructure.
4. Modeling of additional developments or development scenarios outside those explicitly described in the Scope of Services.

These and other services are considered extra work and can be added to this agreement by written amendment.

Attachment B – Fee Schedule

SER Review tiers were determined in collaboration with the City and are shown in the following table:

Tier	LUE Range	Corresponding Peak Hour Flow	Fee per SER
Tier 1	0 – 149 LUEs	326 gpm (0.47 mgd)	\$1,600
Tier 2	150 – 299 LUEs	654 gpm (0.94 mgd)	\$2,460
Tier 3	300 – 899 LUEs	1,967 gpm (2.83 mgd)	\$3,630
Tier 4	900 – 1,499 LUEs	3,279 gpm (4.72 mgd)	\$5,320
Tier 5	1,500 LUEs or more	N/A	*See note below

*Large developments with a proposed LUE count of 1,500 or more will require a separate, project-specific SER review fee negotiated and agreed to between the Consultant and City Engineer prior to performing the SER review.

AGENDA ITEM REPORT

11.7.



To: City Council
Subject: Consideration and possible action on Resolution No. R-2023-276 amending the completion date of the Wastewater Modeling Individual Project Order with Garver, LLC. by extending the completion date to February 29, 2029 (Matt Rector)
Meeting: Thursday, October 19, 2023
Department: Engineering /
Staff Contact: Matt Rector

BACKGROUND INFORMATION:

The Master Services Agreement with Garver was executed on August 19, 2021. Garver was selected to develop the City of Hutto's Wastewater Master Plan on February 24, 2022. Council accepted the City's Wastewater Master Plan on December 15, 2022.

Routine and accurate wastewater model updates assist in the assessment of the water distribution system. Model updates may include evaluating proposed capital improvement projects, adding and evaluating a new water supply source(s), optimizing and investigating operational or maintenance issues. This project includes periodic model updates that are not related to development projects and SER reviews. The IPO anticipates performing approximately one model update and a meeting with city staff on a monthly basis to review the results through fiscal year (FY) 2024, ending February 29, 2024.

Water Model updates will be performed by others and are a separate agenda item.

SUMMARY OF REQUEST:

Staff requests the amendment be approved

STAFF REVIEW:

FISCAL NOTES:

The funding source for this is the Utility Operating fund (50-040-001-6404). There is a \$20,000 budget with no encumbrances to date. There is one other IPO on the agenda for approval that will be funded by this line item. While there are currently sufficient funds for the two extensions of these IPO's, total costs associated with these IPO's significantly vary from month-to-month. Finance and engineering will need to monitor that these IPO's do not exceed the line item budget.

AGENDA ITEM REPORT

11.7.



ATTACHMENTS:

1. Hutto Res Amending Waste Water modeling updates Garver w Exh A

RESOLUTION NO. R-2023-276

A RESOLUTION OF THE CITY OF HUTTO, TEXAS, AMENDING COMPLETION DATE TO INDIVIDUAL PROJECT ORDER NO. 2023-14 BETWEEN GARVER LLC AND THE CITY OF HUTTO FOR WASTEWATER MODELING UPDATES; AUTHORIZING THE CITY MANAGER TO EXECUTE THE FIRST AMENDMENT TO IPO TO THE MASTER AGREEMENT; PROVIDING PROPER NOTICE & MEETING, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City Council desires to amend the completion date of the Wastewater modeling updates Individual Project Order No. 2023-14 to the Master Agreement dated August 19, 2023, between Garver LLC and the City of Hutto, Texas (“City”) to February 29, 2024; and

WHEREAS, the City Council desires to authorize the City Manager to execute the First Amendment to IPO No. 2023-14 to the Master Agreement (“First Amendment”), attached as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

Section 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

Section 2: The Hutto City Council hereby approves and authorizes the City Manager to execute the First Amendment, attached as Exhibit A, a copy of the same being attached hereto and incorporated herein for all purposes.

Section 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

Section 4. This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 19th day of October 2023 on vote of __AYES; __NAYS; __ABSTENTIONS.

THE CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary



**Individual Project Order
(IPO) 2023-14
to the Master Agreement
between the City of Hutto
and Garver (08/19/2023)**

Wastewater Model Updates



This Individual Project Order (IPO) is made by and between the **City of Hutto** (hereinafter referred to as “**City**”) and **Garver** (hereinafter referred to as “**Consultant**”) in accordance with the provisions of the MASTER AGREEMENT FOR CONTINUING PROFESSIONAL SERVICES executed on August 19, 2021 (the “Agreement”).

Under this IPO, the City intends to contract with the Consultant to perform periodic wastewater hydraulic model updates and additional on-call hydraulic modeling services. It is expected that the Not-To-Exceed (NTE) amount specified in Section 2 of his IPO will cover Garver’s services as specified in Section 1 through the end of the 2023 fiscal year, ending September 30, 2023.

The Consultant will provide professional services related to these improvements as described herein. Terms not defined herein shall have the meaning assigned to them in the Agreement.

SECTION 1 - SCOPE OF SERVICES

Consultant will perform the services specified in Attachment A.

SECTION 2 – PAYMENT

Garver proposes to furnish services as described herein for the not-to-exceed (NTE) fee of Seventy Thousand, Four Hundred Eighty-Five Dollars and Zero Cents (\$70,485.00) for Basic Services based on the tier-based fee structure described in Attachment B.

City will pay consultant for Services rendered at the rates shown in Attachment B for each classification of Consultant’s personnel (may include contract staff classified at Consultant’s discretion) plus reimbursable expenses including but not limited to printing, courier service, reproduction, and travel. The rates shown in Attachment B will be increased annually with the first increase effective on or about October 1, 2023.

Expenses other than salary costs that are directly attributable to performance of our Services will be billed as follows:

1. Direct cost for travel, long distance and wireless communications, outside reproduction and presentation material preparation, and mail/courier expenses.
2. Direct cost-plus ten percent (10%) for subcontract/subconsultant fees.
3. Charges similar to commercial rates for reports, plan sheets, presentation materials, etc.
4. The amount allowed by the federal government for mileage with an additional \$0.05 for survey trucks/vans.

The City will pay the Consultant on a monthly basis, based upon statements submitted by the Consultant to the City indicating the estimated hours spent on the effort within the billing period.

The City represents that funding sources are in place with the available funds necessary to pay Consultant. If any payment due Consultant under this agreement is not received within 60 days from date of invoice, Consultant may elect to suspend services under this agreement without penalty or liquidated damages assessed from the City.



SECTION 3 – ATTACHMENTS

3.1 The following Attachments are attached to and made a part of this IPO:

3.1.1 Attachment A – Scope of Services

3.1.2 Attachment B – Rate Table

This IPO may be executed in two (2) or more counterparts each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.



The effective date of this IPO shall be the last date written below.

City of Hutto, Texas

Consultant

By: _____
Signature

By: _____
Signature

Name: _____
Printed Name

Name: _____
Printed Name

Title: _____

Title: _____

Date: _____

Date: _____

Attest: _____

Attest: _____

AGENDA ITEM REPORT

11.8.



To: City Council
Subject: Consideration and possible action on Resolution No. R-2023-277 amending the On Call Wastewater Services Extension Request Individual Project Order with Garver, LLC by extending the completion date to February 29, 2029 (Matt Rector)
Meeting: Thursday, October 19, 2023
Department: Engineering /
Staff Contact: Matt Rector

BACKGROUND INFORMATION:

The Master Services Agreement with Garver was executed on August 19, 2021. Garver was selected to develop the City of Hutto's Wastewater Master Plan on February 24, 2022. Council accepted the City's Wastewater Master Plan on December 15, 2022.

Wastewater Service Extension Request (SER) is a process that allows the city to analyze a proposed development to determine what improvements, if any, will be required to the city's water system in order to serve the suggested development. This is done for all developments that wish to utilize the city's wastewater system. This process allows the city to review the water models in conjunction with the proposed development(s) and determine if pipe sizes need to be increased, if additional off-site improvements are needed, and indicates if the request isn't fully triggered by the development, then the SER would indicate that some cost participation by the city would be anticipated. Once the SER is completed and the developer agrees to the improvements, then the SER is used as back up for the Municipal Service Plan that is part of the annexation process.

Wastewater SER reviews will be conducted on an on-call hourly basis. These will be conducted by the third party reviewer and overseen by city staff. The City Engineer is the point of contact for the developer and the third party reviewer. All communication is routed through the City Engineer. Any communication between the third party reviewer (Garver) and the developer will be facilitated by the City Engineer. The reviews include hydraulic modeling and analysis of the proposed development's impact on the City's existing and planned wastewater systems. Reviews typically include recommended improvements required to serve the proposed project. As of October 2023 review times are averaging approximately 10 business days.

The IPO anticipates performing approximately two SER reviews a month and weekly meetings with city staff to review the results through fiscal year (FY) 2024, ending February 29, 2024. Deliverables include SER reports.

SUMMARY OF REQUEST:

Staff recommends approval of the amendment.

STAFF REVIEW:

AGENDA ITEM REPORT

11.8.



FISCAL NOTES:

The funding source for this is the Utility Operating fund (50-040-001-6405). There is a \$35,000 budget with no encumbrances to date. There is one other IPO on the agenda for approval that will be funded by this line item. The costs associated with these SER's are pass-through costs, meaning the City will be reimbursed. While there are currently sufficient funds for the two extensions of these IPO's, total costs associated with these IPO's significantly vary from month-to-month. Finance and engineering will need to monitor that these IPO's do not exceed the line item budget. In the event that these begin to exceed the budget, a future amendment will be done to increase the expense and offsetting revenue accounts.

ATTACHMENTS:

1. Hutto Res Amending Waste Water SER with Garver w Exh A

RESOLUTION NO. R-2023-277

**A RESOLUTION OF THE CITY OF HUTTO, TEXAS,
AMENDING COMPLETION DATE TO INDIVIDUAL
PROJECT ORDER NO. 2023-10 BETWEEN GARVER, LLC
AND THE CITY OF HUTTO FOR WASTE WATER
SERVICES EXTENSION; AUTHORIZING THE CITY
MANAGER TO EXECUTE THE FIRST AMENDMENT TO
IPO TO THE MASTER AGREEMENT; PROVIDING
PROPER NOTICE & MEETING, AND PROVIDING AN
EFFECTIVE DATE.**

WHEREAS, the City Council desires to amend the completion date of the waste water services extension Individual Project Order No. 2023-10 to the Master Agreement dated August 19, 2021, between Garver, LLC and the City of Hutto, Texas (“City”) to February 29, 2024; and

WHEREAS, the City Council desires to authorize the City Manager to execute the First Amendment to IPO No. 2023-10 to the Master Agreement (“First Amendment”), attached as Exhibit A.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS, THAT:

Section 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and are hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

Section 2: The Hutto City Council hereby approves and authorizes the City Manager to execute the First Amendment, attached as Exhibit A, a copy of the same being attached hereto and incorporated herein for all purposes.

Section 3: The City Council hereby finds and declares that written notice of the date, hour, place and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

Section 4. This Resolution shall take effect immediately upon its passage.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 19th day of October 2023 on vote of __AYES; __NAYS; __ABSTENTIONS.

THE CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary



**Individual Project Order 2023-10
to the Master Agreement
between the City of Hutto
and Garver, LLC (08/19/2021)**

**On-Call Service Extension Request Review
Services**



This Individual Project Order (IPO) is made by and between the **City of Hutto** (hereinafter referred to as “**City**”) and **Garver, LLC**, (hereinafter referred to as “**Consultant**”) in accordance with the provisions of the MASTER AGREEMENT FOR CONTINUING PROFESSIONAL SERVICES executed on August 19, 2021 (the “Agreement”).

Under this IPO, the City intends to contract with Garver to conduct periodic Service Extension Request (SER) reviews in support of development services. It is intended that the Not-To-Exceed (NTE) amount specified in Section 2 of this IPO will cover Garver’s services as specified in Section 1 through the end of the 2023 fiscal year, ending September 30, 2023.

Consultant will provide professional services related to these improvements as described herein. Terms not defined herein shall have the meaning assigned to them in the Agreement.

SECTION 1 - SCOPE OF SERVICES

Consultant will perform the services specified in Attachment A.

SECTION 2 – PAYMENT

Garver proposes to furnish services as described herein for the not-to-exceed (NTE) fee of One Hundred Fifty-Five Thousand, Two Hundred Eighty Dollars and Zero Cents (\$155,280.00) for Basic Services based on the tier-based fee structure described in Attachment B. The per-SER tier rates shown in Attachment B will be increased annually with the first increase effective on or about October 1, 2023.

The Owner will pay GARVER on a monthly basis, based upon statements submitted by GARVER to the Owner indicating the completion of SER reviews for each tier within the billing period. Garver will identify on each invoice which SER review is being modeled or reviewed, for accounting purposes. It is anticipated that the services described in Attachment A will be provided until the NTE amount is exhausted, at which point a new IPO will be executed to extend the contract amount.

The Owner represents that funding sources are in place with the available funds necessary to pay Garver. If any payment due Garver under this agreement is not received within 60 days from date of invoice, Garver may elect to suspend services under this agreement without penalty or liquidated damages assessed from the Owner.

SECTION 3 – ATTACHMENTS

- 3.1 The following Attachments are attached to and made a part of this IPO:
 - 3.1.1 Attachment A – Scope of Services
 - 3.1.2 Attachment B – SER Tier Fee Schedule

This IPO may be executed in two (2) or more counterparts each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

GARVER IPO
2023-10

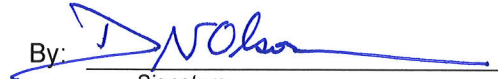


The effective date of this IPO shall be the last date written below.

City of Hutto, Texas

Garver, LLC

By: _____
Signature

By: 
Signature

Name: _____
Printed Name

Name: Daniel N. Olson, PE
Printed Name

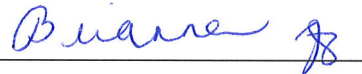
Title: _____

Title: Vice President

Date: _____

Date: 2/6/2023

Attest: _____

Attest: 



3755 S. Capital of Texas Highway
Suite 325
Austin, TX 78704
TEL 512.485.0009
FAX 512.485.0010
www.GarverUSA.com

ATTACHMENT A

SCOPE OF SERVICES

Background

Garver will provide modeling and developer coordination services to the City of Hutto (Owner) related to wastewater Service Extension Requests (SERs) submitted by developers to the Owner. The work will consist of modeling proposed improvements to confirm developer impact on the system and to confirm that the proposed improvements will meet the Owner's long-term needs. Garver will utilize the Owner's Innovyze InfoWorks ICM wastewater model for the evaluation. This will consist of two tasks: periodic general model maintenance and updates, and SER-specific review tasks.

This scope of work and associated Not-To-Exceed (NTE) fee is assumed to apply through the end of the 2023 Fiscal Year (FY), which ends September 30, 2023.

1.0 SER Reviews

SER Review tiers were determined in collaboration with the City and are shown on Table 1.0 below.

Table 1.0 SER Review Tiers

Tier	LUE Range	Corresponding Peak Flow in Gravity Line*	Fee per SER	Assumed SERs
Tier 1	0 – 149 LUEs	Up to 15% of a 15-inch gravity line at minimum slope flowing full	\$2,340	8 per 8 months
Tier 2	150 – 299 LUEs	Up to 15% of a 21-inch gravity line at minimum slope flowing full	\$3,690	8 per 8 months
Tier 3	300 – 899 LUEs	Up to 15% of a 36-inch gravity line at minimum slope flowing full	\$5,130	6 per 8 months
Tier 4	900 – 1,499 LUEs	N/A	\$9,690	4 per 8 months

*Full pipe capacity calculated assuming minimum slope as per the City Utility Criteria Manual (UCM). Peak flow calculated using Peak Wet Weather Flow calculations per the City UCM.

Any development submitted to the City with a proposed LUE count of 1,500 or above will require a separate, project-specific SER review fee negotiation.

As a component of each SER review, Garver will complete the following tasks:



1.1 Data Requests and Confirmation

- Review SER application data related to the proposed development(s), as provided by the developer(s), and follow up with the Owner and/or the developer(s) for any clarification or additional information needed to complete the assessment.
- Confirm known and projected developments (and associated living unit equivalents at full buildout) in the surrounding area.
- Confirm with the Owner the design criteria to be used in model scenarios including:
 - 3.5 Persons/LUE
 - 80 gpcd for Residential development
 - Wet Weather Flows calculated per City of Hutto Utility Criteria Manual
 - Allowable system surcharge per City of Hutto Utility Criteria Manual

1.2 Wastewater Hydraulic Model Updates

- Add the wastewater improvements associated with the proposed SER to the wastewater model.
- Complete two model runs:
 - Full buildout dry weather run with updated model information
 - Full buildout wet weather run with updated model information

1.3 Hydraulic Modeling Analyses

- Determine if the existing downstream wastewater infrastructure has adequate capacity to convey the modeled peak wet weather flows at full buildout.
- Determine proposed improvements to the downstream infrastructure to convey peak wet weather flows at full buildout, if necessary, with the allowable level of surcharge.

1.4 SER Review Report

- Document the hydraulic model inputs, results, and proposed infrastructure improvements in a brief SER Review Report for submission to the Owner. A draft SER Review will be submitted for Owner review. Following the Owner's review and discussion with developers, Garver will incorporate any comments and submit a final SER Review Report. This may involve several iterations of discussions with the City.
- It is anticipated that these SER Reports will be submitted to the City two (2) weeks after receipt of the complete SER application information from the City and developer. The schedule may be flexible based on the nature and complexity of the proposed development.

1.5 SER Response Administration

- Coordination with Freese and Nichols for water SER review completion.
- Compile SER response letters.
- Maintain SER status documentation to keep track of response letter completion status and actions required by the team. May include a spreadsheet and/or web map.



1.6 Developer Coordination

- Prepare for and attend meetings with City staff and developer team to answer developer questions and obtain additional SER information.
- Meeting prep and email correspondence with developers.

For clarification, our proposed scope of services does not include the following:

1. Utility design for the City of Hutto or the developer(s).
2. Review or modeling of potable water infrastructure. This IPO is limited to wastewater modeling services.
3. Garver, under this contract, will not perform design services for the Developer. For example, Garver will not perform iterative modeling to determine allowable LUEs for different development scenarios in City of Hutto infrastructure.
4. Modeling of additional developments or development scenarios outside those explicitly described in the Scope of Services.

These and other services are considered as extra work and can be added to this agreement by written amendment.

Payment

The Owner will pay Garver on a lump-sum basis for each SER upon completion of the SER review.. Garver will submit to the City a monthly invoice indicating completed SERs within that billing period, referencing the SER names and numbers. The per-SER fee will be based on the Tier schedule above, as presented in Table 1.0. Based on the assumptions of frequency of SERs in the time preceding the end of the current fiscal year, the Not-To-Exceed amount for this IPO will be \$155,280. The Owner represents that they will pay Garver on receipt of the invoice, notwithstanding any anticipated reimbursement from the developer.

ATTACHMENT B

City of Hutto

Wastewater Service Extension Request Review

All Tasks - Through September 2023

Tier 1 (0 - 149 LUEs)						Tier 2 (150 - 299 LUEs)					Tier 3 (300 - 899 LUEs)					Tier 4 (900 - 1499 LUEs)				
JulieIanEvanSupport						JulieIanEvanSupport					JulieIanEvanSupport					JulieIanEvanSupport				
WORK TASK DESCRIPTION	E-3	E-5	E-5	E-1	Tier 1 TOTAL	E-3	E-5	E-5	E-1	Tier 2 TOTAL	E-3	E-5	E-5	E-1	Tier 3 TOTAL	E-3	E-5	E-5	E-1	Tier 4 TOTAL
	\$195.00	\$270.00	\$270.00	\$150.00		\$195.00	\$270.00	\$270.00	\$150.00		\$195.00	\$270.00	\$270.00	\$150.00		\$195.00	\$270.00	\$270.00	\$150.00	
	hr.	hr.	hr.	hr.		hr.	hr.	hr.	hr.		hr.	hr.	hr.	hr.		hr.	hr.	hr.	hr.	
Basic Services Section																				
2. TASK 1 - SER REVIEWS																				
1. DATA REQUEST AND CONFIRMATION	1				\$195	1				\$195	2				\$195	4				\$195
2. WASTEWATER HYDRAULIC MODEL UPDATES	2				\$390	3			2	\$390	4			2	\$390	6			4	\$390
3. HYDRAULIC MODEL ANALYSES	3				\$585	4		1		\$585	8		1		\$585	12		2		\$585
4. SER REVIEW REPORT	4				\$780	6			2	\$1,470	12			2	\$2,640	24			8	\$5,880
5. DEVELOPER COORDINATION	2				\$390	4	1			\$1,050	4	2			\$1,320	8	4			\$2,640
Subtotal Per SER - TASK 1 - SER Reviews	12	0	0	0	\$2,340	18	1	1	4	\$3,690	30	2	1	4	\$5,130	54	4	2	12	\$9,690

AGENDA ITEM REPORT

11.9.



To: City Council
Subject: Consideration and possible action on Resolution No. R-2023-273 approving the Investment Report for the period ended 09/30/2023 (Christina Bishop)
Meeting: Thursday, October 19, 2023
Department: Finance /
Staff Contact: Christina Bishop

BACKGROUND INFORMATION:

The investment report for the period ended September 30, 2023 highlights the investment activity and cash position of the City as of 9/30/2023. Significant changes in cash position include outflows for various CIP projects, semi-annual debt service payments, and the payoff of the Butler Loan. The current investment strategy is to utilize \$8 million from the October t-bill maturity and 2.5 million from the Frost money market account to replenish the various investment pools. The remainder of the October t-bill maturity will be reinvested into additional t-bills in accordance with the laddered strategy.

SUMMARY OF REQUEST:

Approval of report and strategy as presented.

STAFF REVIEW:

Staff recommends approval.

FISCAL NOTES:

No fiscal impact.

ATTACHMENTS:

1. Resolution-Accepting Investment Report and Investment Strategy - 10-19-23
2. September 2023 Investment Report

RESOLUTION NO. R-2023-

**A RESOLUTION OF THE CITY OF HUTTO, TEXAS,
ACCEPTING THE INVESTMENT REPORT FOR THE
QUARTER ENDING ON SEPTEMBER 30, 2023, AND
DIRECTING THE CITY MANAGER TO IMPLEMENT THE
INVESTMENT STRATEGY AS PRESENTED IN THE
INVESTMENT REPORT AND PURSUANT TO THE CITY'S
INVESTMENT POLICY; PROVIDING AN EFFECTIVE
DATE; AND PROVIDING PROPER NOTICE & MEETING.**

WHEREAS, the City of Hutto, Texas ("City"), pursuant to the Public Funds Investment Act, Chapter 2256 of the Texas Government Code, adopted an Investment Policy dated November 17, 2022, for the City (the "Investment Policy"); and

WHEREAS, City staff have presented to the City Council the Investment Report for Period Ending September 30, 2023 (the "Investment Report"); and

WHEREAS, as presented in the Investment Report, the United States economic conditions are strong; and

WHEREAS, the City currently holds \$126,812,372 in a safekeeping account and in US Treasury Bills ("T-Bills") in accordance with a previously approved investment strategy; and

WHEREAS, the City also desires to maintain a balance of \$7 million in its operating account and each of its investment pools to maintain adequate liquidity; and

WHEREAS, the City's various investment pools and checking accounts have fallen below the desired \$7 million in each of its accounts due to debt service and capital improvement expenditures; and

WHEREAS, the City Council desires to direct the City Manager and his designees to implement the investment strategy as presented in the Investment Report, finding that such strategy is in the best interest of the City due to changes in circumstances.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

SECTION 2: The Hutto City Council hereby accepts the Investment Report for Period Ending September 30, 2023, as presented, a copy of which is attached hereto as Exhibit A and incorporated by reference for all purposes.

SECTION 3: The Hutto City Council hereby directs the City Manager and the City's investment officers to carry out the proposed updates to the investment strategy:

- i. Transfer \$2.5 million from the City's Frost money market account to the City's investment pools;
- ii. Transfer \$8 million from the City's upcoming October T-bill maturity to the City's investment pools; and
- iii. Reinvest the remaining \$13 million of the City's T-bill maturity into more T-bills in accordance with the proposed laddering strategy.

SECTION 4: This resolution shall become effective and be in full force and effect from and after the date of passage and adoption by the City Council, and upon approval, thereof, as prescribed by law.

SECTION 5: The City Council hereby finds and declares that written notice of the date, hour, place, and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

RESOLVED this 19th day of October, 2023.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 12th day of October 2023 on vote of __AYES; __NAYS; __ABSTENTIONS.

CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary



Investment Report
For Period Ending September 30, 2023
As Presented
October 19, 2023

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5. Recommendation to Mayor and Council
6. Certification

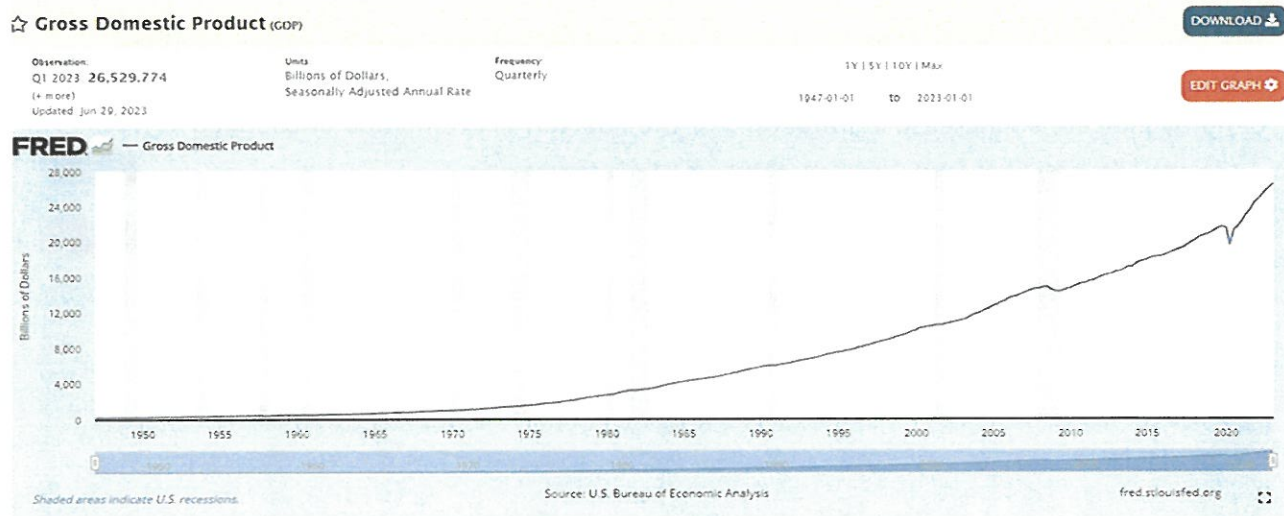
International Global Conditions

The Russia/Ukraine war marches on, as Israel and Hamas war begins. This will have a major effect on the world economy. India and China are two of the fastest growing economies and represents good international investment opportunities; however, the US economy is strong. Currently, US investments are favored over international investment opportunities.

US Economy and Economic Indicators

August 2023, Fitch Ratings downgraded the U.S credit rating from AAA to AA+, partly in response to how the federal government handled the debt crisis earlier this year. While the market took a slight dip from this action from Fitch, the U.S. economy added 187,000 jobs in July, the fewest since December 2020 and well below the average job gains of 312,000 per month seen over the last year. In September 336,000 jobs were added and the Fed left the interest rate unchanged after 11 straight rate hikes. Inflation is still higher than the FOMC target percentage but has slowed and is moving in the right direction. With all these challenges the U.S. economy is still strong.

Gross Domestic Product (GDP) is signaling strong economic growth, which is conducive to tighter monetary policy. GDP is still increasing as the supply chain recovers. GDP is a lagging indicator of US economic health, with a general rule that if GDP drops for more than 2 quarters, a recession is coming. Month over month the GDP continues to increase.



Source: St. Louis Federal Reserve <https://fred.stlouisfed.org/series/GDP>

Since the Great Resignation, when unemployment rate reached a record high of 14.7% in 2020, the unemployment rate has steadily decreased. U.S. economy added 336,000 jobs in September. Unemployment is currently at 3.8% in September 2023. The unemployment rate is a lagging indicator, with decreasing rates indicating a strong economy.



Source : <https://fred.stlouisfed.org/series/UNRATE>

The Consumer Price Index (CPI) is a lagging indicator for inflation and is a measure of the average change in prices over time of goods and services purchased by households. The rising CPI may indicate an increase in inflation. For the quarter, CPI remained unchanged at .7%.



The Federal Open Market Committee (FOMC) has raised rates 11 times since March 2022 as shown below with the current rate of 5.50% being the highest rate since 2001. The Fed held rates steady at 5.25%-5.50% at the September 2023 FOMC meeting, with no increase which

provided some relief for a strained banking sector and tepid stock market. The Fed raises rates to combat high inflation and as a measure to avoid recession. Jerome Powell has headed the Federal Reserve since February 2018, and during his term, oversaw the biggest rate hike in nearly three decades.

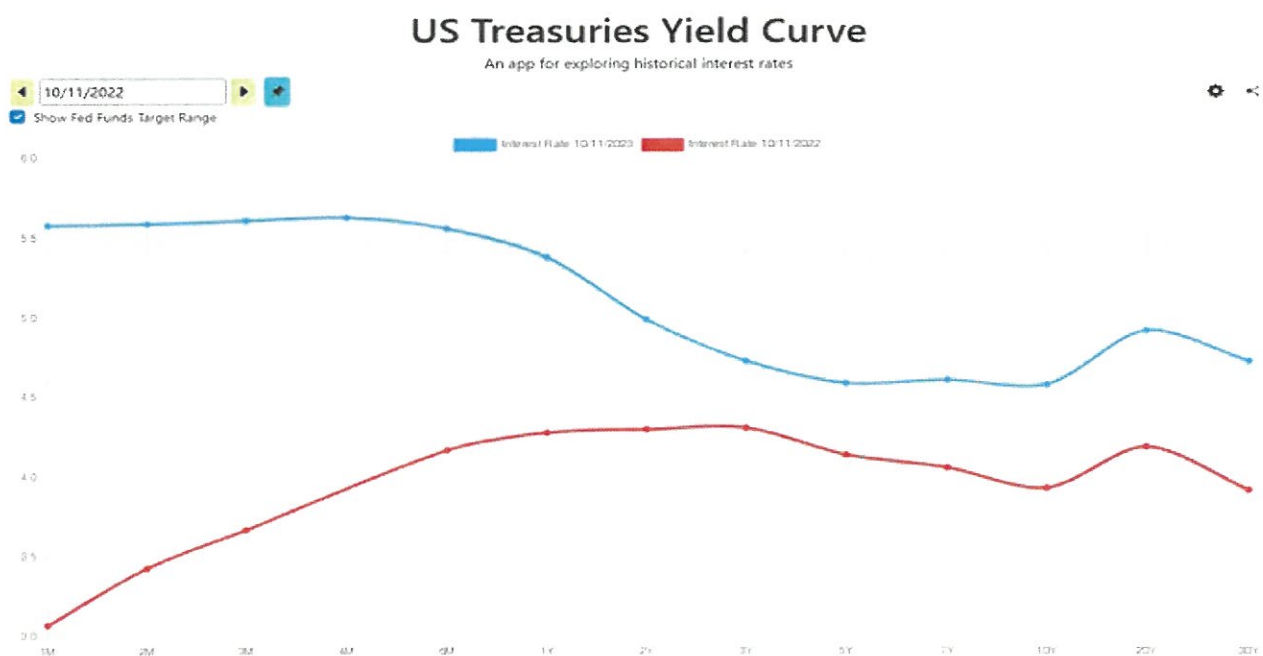
FOMC Meeting Date	Rate Change (bps)	Federal Funds Rate
July 26, 2023	+25	5.25% to 5.50%
May 3, 2023	+25	5.00% to 5.25%
March 22, 2023	+25	4.75% to 5.00%
Feb 1, 2023	+25	4.50% to 4.75%
Dec 14, 2022	+50	4.25% to 4.50%
Nov 2, 2022	+75	3.75% to 4.00%
Sept 21, 2022	+75	3.00% to 3.25%
July 27, 2022	+75	2.25% to 2.50%
June 16, 2022	+75	1.50% to 1.75%
May 5, 2022	+50	0.75% to 1.00%
March 17, 2022	+25	0.25% to 0.50%

Source: [Forbes Advisor](#)

Source: <https://www.federalreserve.gov/monetarypolicy/openmarket.htm>

The Treasury Yield Curve is shown in red for one year ago and is a normal yield curve. The current Yield Curve is shown in blue and is an inverse yield curve (one in which longer term securities yield a lower interest rate), indicating possible future recession.

Treasury Yield Curve on 10/11/22 as Compared to 10/11/23.



Source : <https://www.ustreasuryyieldcurve.com/>

Treasury T-Bill rates have increased as a result of the FOMC rate hikes. Currently, the rates are good for 6-month T-Bills at 5.56%, with rates for longer terms falling below that level. With an expectation that rates will increase over the next year, 6-month T-Bills would be a good investment for the City.

Date	1 Mo	2 Mo	3 Mo	4 Mo	6 Mo	1 Yr	2 Yr	3 Yr	5 Yr	7 Yr	10 Yr	20 Yr	30 Yr
10/2/2023	5.56	5.60	5.62	5.62	5.58	5.49	5.12	4.88	4.72	4.73	4.69	5.00	4.81
10/3/2023	5.55	5.60	5.62	5.62	5.58	5.49	5.15	4.95	4.80	4.84	4.81	5.13	4.95
10/4/2023	5.56	5.58	5.61	5.62	5.57	5.42	5.05	4.85	4.72	4.75	4.73	5.05	4.87
10/5/2023	5.57	5.59	5.61	5.62	5.56	5.39	5.03	4.82	4.68	4.73	4.72	5.06	4.89
10/6/2023	5.59	5.60	5.63	5.64	5.59	5.43	5.08	4.87	4.75	4.79	4.78	5.13	4.95
10/10/2023	5.60	5.61	5.61	5.63	5.57	5.37	4.96	4.74	4.62	4.66	4.66	5.03	4.85
10/11/2023	5.58	5.59	5.61	5.63	5.56	5.38	4.99	4.73	4.59	4.61	4.58	4.92	4.73

In conclusion, economic indicators suggest a stable economy, with GDP, unemployment, CPI showing signs of a strong economy, while the yield curve shows signs of a weakening economy. Despite this, U.S. T-Bills are still a good investment option because of the backing of the full faith of the US government.

Portfolio Presentation

Balance by Institution

Financial Institution	Bank Balance 6/30/2023	Bank Balance 9/30/2023	Change
Bank of Texas	\$ 1,939,380	\$ 1,955,710	\$ 16,330
Cadence Bank	\$ 215,444	\$ 217,962	\$ 2,518
TexPool	\$ 32,810,511	\$ 5,549,312	\$ (27,261,199)
TexStar	\$ 38,108,984	\$ 3,644,268	\$ (34,464,716)
TexasCLASS	\$ 94,052,417	\$ 7,034,536	\$ (87,017,881)
Wells Fargo Bank	\$ 6,331,634	\$ 4,264,078	\$ (2,067,555)
Frost Bank	\$ -	\$ 126,812,372	\$ 126,812,372
Total	\$ 173,458,370	\$ 149,478,238	\$ (23,980,132)

Bank balances for the City decreased in the fourth quarter by \$23,980,132. The most significant usage of cash during the quarter includes large outflows on projects that are beginning to occur in the City's CIP funds and August debt payments.

		Interest Earned		
Financial Institution		July - September	Interest Earned YTD	Current Annualized Rate
Bank of Texas	\$	16,330	\$ 73,247	5.05%
Cadence Bank	\$	-	\$ 6,288	0.00%
TexPool	\$	193,242	\$ 1,130,745	3.53%
TexStar	\$	285,284	\$ 1,376,662	4.49%
TexasCLASS	\$	660,007	\$ 3,439,509	4.21%
Wells Fargo Bank	\$	-	\$ -	
Frost	\$	666,290	\$ 666,290	5.19%
Total	\$	1,821,153	\$ 6,692,742	

The City earned \$1.15M in the fourth quarter of the fiscal year amongst all funds. The significant amount of the interest earnings occurred in the TexasCLASS accounts, which holds most of the City's bond proceeds.

Balance by Fund

Fund		Book Balance		Book Balance		Difference
		as of		as of		
		6/30/2023		9/30/2023		
General Fund	\$	16,124,250	\$	8,573,485	\$	(7,550,765)
General I&S	\$	5,789,040	\$	1,926,853	\$	(3,862,187)
2022 GO Bonds	\$	24,598,548	\$	20,947,610	\$	(3,650,938)
2023 GO Bonds	\$	12,066,717	\$	12,209,452	\$	142,735
General Cap Improve	\$	(1,681,595)	\$	-	\$	1,681,595
ARPA Funds	\$	7,185,553	\$	7,084,973	\$	(100,580)
Court Funds	\$	92,719	\$	99,702	\$	6,983
Hotel Tax Fund	\$	526,695	\$	662,139	\$	135,444
Police Seizure Funds	\$	34,802	\$	35,011	\$	209
PEG Funds	\$	104,009	\$	100,412	\$	(3,597)
Park Improvement	\$	3,354,108	\$	3,398,011	\$	43,903
Community Benefit	\$	3,568,750	\$	4,120,573	\$	551,823
Transportation Imp	\$	3,292,208	\$	3,931,183	\$	638,975
Utility Operating	\$	8,342,380	\$	8,598,981	\$	256,601
Utility Debt Service	\$	8,032,236	\$	3,991,007	\$	(4,041,229)
Utility Impact Fees	\$	26,436,873	\$	27,038,280	\$	601,407
Utility Capital Replac	\$	351,090	\$	354,886	\$	3,796
Utility CIP	\$	10,260,513	\$	10,180,536	\$	(79,977)
Utility 2022 CO's	\$	47,127,880	\$	36,747,106	\$	(10,380,774)
Solid Waste	\$	816,790	\$	477,611	\$	(339,179)
Total	\$	176,423,566	\$	150,477,813	\$	(25,945,753)

Book balances for all the City's funds as of September 30, 2023, are \$150,477,813. Balances are broken out by individual fund.

Book balances typically differ from bank balances due to timing differences (i.e., checks being written that may have not cleared the bank and deposits in transit).

Generally, the City's LGC's, component units, and PIDs are excluded from the City's investment reporting. However, one of the City's LGC'S, the Cottonwood Development Corporation (CDC), has a negative cash balance in the amount of (\$3,270,389.36) with no resources to replenish its cash balance. The City's investment officers anticipate that the City may have to absorb the negative cash balance, so the City's general fund also reflects the negative cash balance of the CDC.

The most notable changes in cash balances by fund are in the debt service funds and the City's various capital improvement funds. Principal and interest payments were due on 8/1, resulting in substantial decreases in the I&S and utility debt service accounts. Significant cash outflows in the 2022 CO's fund were the result of capital improvement projects gaining momentum: particularly the Frameswitch project.

The City's "General Capital Improvement Fund", which accounted for previous bond issues, also had a notable change in cash balance. This fund carried a negative cash balance for several years, and the fund was reconciled in September of 2023. This was a very complex reconciliation which took several months. The reconciliation was presented to Council on September 28, 2023, and has since been closed.

Operating Needs

The City needs an estimated \$8.0M to \$9.6M per month for outflows related to payroll, and goods & services. In July the City paid \$10.6M in debt service payments. A balance of \$7M in the Wells Fargo operating bank account will be adequate to meet daily needs, with an additional \$7M held in each of the local government investment pools for contingencies totaling approximately \$21M.

Major Expense Category	Q1			Q2			Q3		
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Payroll	613,795	626,071	948,592	638,592	651,364	664,391	664,391	677,679	691,233
A/p	7,195,734	7,195,734	7,195,734	7,339,649	7,339,649	7,339,649	7,486,442	7,486,442	7,486,442
Debt Service					6,364,117				
Incentives	1,922,689	451,500							
Estimated Cash Outflows	9,732,218	8,273,305	8,144,327	7,978,241	14,355,130	8,004,040	8,150,833	8,164,121	8,177,675

Collateral

The TexPool, TexStar, and TexasCLASS funds are collateralized at the entire fund level by the entities that run them. Well Fargo balances are collateralized with \$750K FDIC coverage (3 accounts) and \$10,092,595.11 of pledged collateral. The City receives a detailed collateral



report monthly. The Bank of Texas account is not comprised of cash but are securities. The Cadence Bank balance is insured by FDIC coverage (up to \$250k per account).

The City also oversees bank accounts related to two local government corporations and its PIDs (Wells Fargo and Texpool), as well as three accounts for the Economic Development Corporation (Cadence Bank, Texpool, and Alliance Bank). As stated above, the Texpool accounts are collateralized at the fund level, the Wells Fargo accounts are collateralized by a combination of FDIC coverage and pledged collateral, and the Alliance Bank account is collateralized by a letter of credit.

Investment Strategy

Given the strength of the US economy and the high interest rates for T-Bills, Council approved a ladder T-Bill strategy of equal amounts with a month over month maturity. By using a ladder strategy, the City ensures that funds will be available for use within a 30-day maturity window while continuing to earn a market rate of return.

	Rates	Term	Purchase Date	Maturity Date	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Matured & Re-invested	6.80%	1 Month	August-23	September-23							
Matured & Re-invested	7.19%	1 Month	August-23	September-23							
	5.45%	2 Month	August-23	October-23	21,000,000						
	5.13%	3 Month	August-23	November-23	21,000,000	21,000,000					
	5.03%	4 Month	August-23	December-23	21,000,000	21,000,000	21,000,000				
	5.31%	6 Month	August-23	February-24	21,000,000	21,000,000	21,000,000	21,000,000			
	5.38%	4 Month	September-23	January-24	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000		
	5.44%	6 Month	September-23	March-24	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000	
	TBD	6 Month	October-23	April-24		13,000,000	21,000,000	21,000,000	21,000,000	21,000,000	21,000,000
	TBD	6 Month	November-23	May-24			21,000,000	21,000,000	21,000,000	21,000,000	21,000,000
	TBD	6 Month	December-23	June-24				21,000,000	21,000,000	21,000,000	21,000,000
	TBD	6 Month	January-24	July-24					21,000,000	21,000,000	21,000,000
	TBD	6 Month	February-24	August-24						21,000,000	21,000,000
	TBD	6 Month	March-24	September-24							21,000,000
					126,000,000	118,000,000	126,000,000	126,000,000	126,000,000	126,000,000	126,000,000

Red indicates new T-Bill purchases after a maturity.

Investment Strategy Update

The investment report as of 6/30/23 Staff has opened the requested safekeeping services with Frost Bank. Staff analyzed that the fees associated with Frost Bank's safekeeping services, and determined the excess interest earnings exceeded the fees.

Staff has completed the step of the safekeeping account with Frost. A transfer \$126M was moved to purchase the approved T-Bills in a ladder strategy (shown below). T-Bills are purchased as a discount. The discount funds are invested in a Money Market account for another purchase or for City uses. As securities mature at \$21M and the subsequent purchase occurs at a lower amount, the difference will be deposited into the Money Market account. The first two securities have matured and been reinvested.

Current cash balances in the operating account and investment pools have dipped below the desired balances of \$7 million each. This is not unexpected, as semi-annual debt service payments have occurred, as well as outflows related to capital expenditures. In order to

replenish these balances, staff recommends that \$8M of the October T-bill maturity along with \$2.5M in the Money Mkt fund are used to replenish the various investment pools, and the remainder be reinvested into T-Bills.

Investment Category	Shares/Par Value	Maturity	Cost Basis(\$)	Expected Returns	Curr Yield	Length (Months)
Money Mkt Funds Taxable	2,547,138.87		2,547,138.87		5.24%	
US Treasury Bills	21,000,000.00	10/19/2023	20,810,848.33	189,151.67	5.45%	1
US Treasury Bills	21,000,000.00	11/16/2023	20,734,070.00	265,930.00	5.13%	2
US Treasury Bills	21,000,000.00	12/12/2023	20,653,937.50	346,062.50	5.03%	3
US Treasury Bills	21,000,000.00	1/23/2024	20,635,871.67	364,128.33	5.29%	4
US Treasury Bills	21,000,000.00	02/15/2024	20,456,951.67	543,048.33	5.31%	5
US Treasury Bills	21,000,000.00	3/28/2024	20,443,575.83	556,424.17	5.44%	6

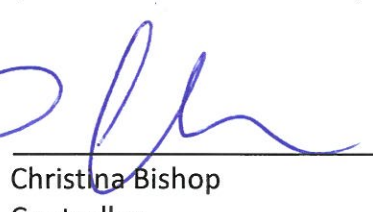
Recommendation to Mayor and Council

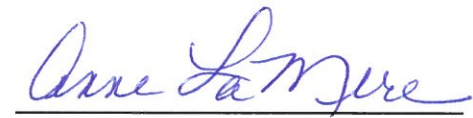
Staff recommends acceptance of this investment report as presented with a draw of \$10.5M from upcoming maturity in the current ladder securities strategy.

Certification

This quarterly report for the quarter ending June 30, 2023, is in compliance with the Investment Policy of the City of Hutto Texas dated October 12, 2023, and the State of Texas Public Funds Investment Act (Chapter 2256, Texas Government Code).


 LaMar Kemp, CGFO
 Senior Accountant


 Christina Bishop
 Controller


 Anne LaMere, CPA, CGMA, CPM
 Interim Finance Director

AGENDA ITEM REPORT

11.10.



To: City Council
Subject: Discussion and acceptance of Fiscal Policy Annual Compliance Checklist and Plan for Future (Christina Bishop)
Meeting: Thursday, October 19, 2023
Department: Finance /
Staff Contact: Christina Bishop

BACKGROUND INFORMATION:

Last month, the City adopted an updated Fiscal and Budgetary policy. The policy contained a new format, indicating compliance and deficiencies in the various requirements of the policy. As part of this process, the finance team has prepared an action plan to present to Council to rectify the deficiencies.

In writing and reviewing the action plans, the City's Finance Department is pleased to report that significant progress has been made on several deficient items. If the City continues to follow these procedures, we will be in compliance with these items for the entirety of FY 2024. In addition, the City's finance department is preparing to implement changes to reporting beginning in FY 2024 that will increase compliance in other areas. The City's finance department looks forward to returning to Council at the end of FY 2024 to highlight progress.

SUMMARY OF REQUEST:

Acceptance of Fiscal Policy Annual Compliance Checklist.

STAFF REVIEW:

Staff recommends acceptance.

FISCAL NOTES:

No fiscal impact.

ATTACHMENTS:

1. Annual Review Fiscal and Budgetary Policy - October 2023

Annual Review Fiscal and Budgetary Policy Action Plan for Non Compliance Items

Accounting, Auditing, and Financial Reporting

2. Per City Charter Section 8.14, an independent certified public accounting firm will annually perform the City's financial and compliance audits in accordance with required applicable laws, regulations, and standards. The auditor will be retained by and is accountable to Council. The audit reports (and management letters, if issued) will be issued no later than 6 months following the fiscal year end. If the report is not able to be submitted within this timeframe, the Finance Director will inform Council of the delay and the reasons therefore. The Financial Services goal is to obtain an unmodified "clean" opinion.

In Compliance: No

Comments: FY 2022 Annual Comprehensive Financial Report was issued May 25, 2023 and presented to Council in June 2023. The report was issued later than the 6-month requirement due to a significant turnover of senior finance staff. The Finance Director informed the City Manager and Council of the delay. The FY 2023 report is on-track to be submitted by the 6-month deadline.

Action Plan: Financial Services has created a resource loaded plan for completion of the FY 2023 Annual Comprehensive Financial Report and Audit. Frequent meetings occur between staff and the external auditor. The auditor provided the PBC – Prepared By Client – Listing on 12 October 2023. Auditor Fieldwork is scheduled to begin 18 December 2023.

Budget and Financial Planning

6. A monthly financial report is expected to be prepared and presented to Council at the second Council meeting of each month which shows budgeted revenues and expenditures for each fund. The General Fund and Utility Fund will break out expenses by department.

In Compliance: No

Comments: For the first two quarters of FY 2023, the monthly financial reports were presented late due to a significant turnover of senior finance staff.

Action Plan: Since April 2023, Monthly Financial Reports are timely and have been presented at the second Council meeting each month. This item has been corrected.

8. Per City Charter Section 8.10, no payment shall be made, or obligation incurred against any appropriation except in accordance with authorized appropriations and unless the City Manager or his designee first certifies that there are sufficient funds to cover the obligation when it becomes due and payable. Any authorization of payment or commitment of obligation in excess of appropriations is a violation of this policy. Violations of this policy shall be cause for removal of any officer who knowingly authorized or incurred such obligation. Such officer may also be liable to the City for any amount so paid/obligated. (Note: Tracking for this authorization for a Department Director occurs at the departmental total level, not the individual line level. Tracking for this authorization for the City Manager is at the fund level. If current appropriated budget does not allow expenditures to occur, the item must be presented to Council for approval and budget appropriation, regardless of dollar amount.)

In Compliance: No

Comments: During FY 2023 Financial Services allowed payments to occur that were not supported by authorized budget. Training has occurred to avoid from happening in the future.

Action Plan: Training has been conducted within Financial Services. Additionally, controls within the accounting system have been activated so that purchase requests and payable requests are rejected at the point of entry if budget is not available. Training of department purchasers is the next step. Training materials are in development.

11. Operating expenditures resulting from the Capital Improvement Plan (CIP) outlines major infrastructure (utility, streets, drainage, facilities, parks and other improvements) needed to serve the citizens, renovate and rehabilitate existing infrastructure and facilities and meet growth related needs and comply with state and federal regulations. The City Engineer coordinates the annual update to the multi-year CIP as part of the annual budget process (Charter, Section 12.04). The CIP will be delivered to and reviewed by the Planning and Zoning Commission whose recommendations will be presented to City Council. Capital project financial status reports will be provided to Council monthly and will include a schedule detailing current bond authorization and its usage. The City Engineer will provide a project status update to Council on a quarterly basis. The dollar threshold for whether an item or improvement is classified as an expense or capital is outlined in the Purchasing Policy.

In Compliance: No

Comments: FY 2023 reports did not include bond authorization and usage data. Financial Services is working to add this information to the monthly reports.

Action Plan: A CIP report was added to the Monthly Report in April 2023. Although CIP reporting is better, Financial Services is working to add additional data to CIP Report included in the Monthly Financial Report. Financial Services will add bond authorization and usage reports beginning in October of 2023, the first report of the fiscal year.

Procurement

1. The primary governing authority for the City of Hutto's Procurement Policy shall be the City's Charter in conjunction with Local Government Code Chapter 252, Purchasing and Contracting Authority of Municipalities. All City purchases of goods or services will be made in accordance with the City's current Procurement Policy and with State law. This includes the requirement that most purchases over \$3,000 requires multiple quotes or documentation of exception.

In Compliance: No

Comments: Compliance is improving. More training is needed.

Action Plan: The Finance Director and personnel from the City Manager's Office are currently preparing a purchasing training session for all employees. Expected completion for this is prior to January of 2024. Monitoring of compliance will be ongoing.

4. All employees shall be required to take Purchasing Training as developed by the Purchasing Division as part of the onboarding process.

In Compliance: No

Comments: New requirement for FY 2024. Training is in the process of being developed.

Action Plan: The Finance Director and personnel from the City Manager's Office are currently preparing a purchasing training session for all employees. Expected completion for this is prior to January of 2024. Monitoring of compliance will be ongoing.

5. In order to promote the effective and efficient delivery of services, the City shall work with other local jurisdictions to share on an equitable basis the cost of services, to share facilities and to develop joint programs to improve service to its citizens.

In Compliance: No

Comments: New requirement for FY 2024. Training is in the process of being developed.

Action Plan: The Finance Director and personnel from the City Manager's Office are currently preparing a purchasing training session for all employees. Expected completion for this is prior to January of 2024. Monitoring of compliance will be ongoing.

6. The City will comply with all State and Federal purchasing regulations as applicable, and with all conflict of interest requirements as mandated by the Texas Government Code and Local Government Code.

In Compliance: No

Comments: New requirement for FY 2024. Training is in the process of being developed.

Action Plan: The Finance Director and personnel from the City Manager's Office are currently preparing a purchasing training session for all employees. Expected completion for this is prior to January of 2024. Monitoring of compliance will be ongoing.

Fund Balance and Reserves

2. All governmental, proprietary and fiduciary funds should strive to have positive cash balances.

In Compliance: No

Comments: The Cottonwood Development Corporation has a negative Fund balance that is reported to Council monthly and is offset by Fund 10 General Fund.

Action Plan: Several of the funds have been cleaned up and negative cash balances have been reconciled. The only fund not in compliance is the Cottonwood Development Corporation.

Debt Management

1. Type of Debt –

- General Obligation Bonds (GO) - General obligation bonds must be authorized by a vote of the citizens of Hutto. They are used only to fund capital assets of the general government and will not be used to fund operating needs of the City. The full faith and credit of the City as well as the City's ad valorem taxing authority back general obligation bonds.
- Certificates of Obligation, Contract Obligations (CO) - Certificates of obligation or contract obligations may be used to fund capital requirements that are not otherwise covered either by general obligation or revenue bonds. Debt service for CO bonds may be either from general revenues (tax-supported) or supported by a specific revenue stream(s) or a combination of both.
- Revenue Bonds - Revenue bonds may be issued to provide for the capital needs of any activities where the capital requirements are necessary for the continuation or expansion of a service. The improved activity shall produce a revenue stream to fund the debt service requirements. The average life of the obligation should not exceed the useful life of the asset(s) to be funded by the bond issue and will generally be limited to no more than twenty (20) years.
- Self-supporting General Obligation Debt - Refers to general obligation debt including CO bonds issued for a specific purpose and repaid through dedicated revenues other than ad valorem taxes. The annual debt requirements are not included in the property tax calculation. The Utility System issues this type of debt.
- Short-term Borrowing - The City may authorize the issuance of Public Property Finance Contractual Obligations (PPFCOs) or Limited Tax Notes (Notes) which are short-term obligations for the acquisition of personal public property, such as equipment. PPFCOs and Notes are payable from either ad valorem taxes or another dedicated revenue stream. Each issuance will be assessed to ensure cost effectiveness and the repayment schedule will not exceed the useful life of the asset. Multiple equipment acquisitions can and should be grouped in a single PPFCO or Note issue in order to develop economies of scale. Notes are limited to a 7-year term.
- Internal Borrowing between City Funds - The City can authorize use of existing long-term reserves as "loans" between funds. The borrowing fund will repay the loan at a rate consistent with current market conditions. The loan will be

repaid within ten (10) years. The loan will be considered an investment of working capital reserves by the lending fund.

In Compliance: No

Comments: The city began allocating interest per this policy in August 2023. All other items in this section were complied with in FY 2023.

Action Plan: This City is currently allocating interest appropriately, and full compliance is expected in FY 2024.

Debt Management – Ratio Targets

1. Financial Services shall prepare an analysis of the impact of proposed tax-supported debt prior to the issuance of the additional debt. The analysis shall project the debt ratio described above, as well as any other applicable debt ratios.

In Compliance: No

Comments: Financial Services provides the calculation in the Annual Financial Report but has not provided at the time of debt issuance.

Action Plan: The City will prepare these calculations for future bond issues beginning in FY 2024.

Financial Transparency and External Reviews

1. Financial Services shall work to achieve the Texas Comptroller of Public Accounts Transparency Stars. This program recognizes local governments for going above and beyond their transparency efforts. The City will annually update the website data to maintain the star designations.

In Compliance: No

Comments: This is a new goal for FY 2024

Action Plan: The City Manager's Office and Finance department are actively working towards the receipt of transparency stars. There is currently enough data on the City website to apply for one star, and staff is currently working to upload data to apply for three stars. When the final pieces of information are on the website, the City will formally apply for their designations.

2. Financial Services will apply annually to obtain the following awards from the Government Finance Officers Association:
 - Certificate of Achievement in Financial Reporting for Annual Comprehensive Financial Report (ACFR)
 - Distinguished Budget Presentation Award for Annual Budget

In Compliance: No

Comments: The City did not qualify for the award for the ACFR for FY 2022 due to late completion of the report. The FY 2023 Budget did not contain all required items for application for the award.

Action Plan: The Finance department is preparing to apply for the FY 2024 budget award. In addition, the Finance department is actively working to complete the ACFR ahead of the statutory deadline to submit for the Certificate of Achievement.

3. Financial Services will apply annually to obtain the Achievement of Excellence in Procurement Award from the National Procurement Institute.

In Compliance: No

This is a new goal for FY2024.

Action Plan: Once the City hires a new Purchasing Supervisor, Purchasing and the Finance Director will work to establish a specific action plan.

Ethics for Employees

- 1 Employees with access to the Enterprise Accounting System, to include Finance and Human Resources, will not change their own data in the system. If an employee believes their data needs to be changed, they should contact their supervisor so that another employee can change the data.

In Compliance: No

Comments: Employees will be asked to sign an annual Ethics Statement acknowledging if they have or have not changed their personal data in the Incode Enterprise Accounting System.

Action Plan: Forms will be prepared and distributed to employees by October 31, 2023.

- 2 Employees will not accept gifts of greater than a nominal amount from a citizen or supplier. Food items (cookie trays at Christmas, cakes from citizens) should be placed in the break room for all to enjoy. Any gift greater than \$10 can cause an appearance of impropriety. Anyone in a position of purchasing, evaluation of bids, or signing of purchase orders or contracts, will not accept gifts of any value.

In Compliance: No

Comments: In October of each year, employees will be asked to sign an annual Ethics Statement acknowledging if they have or have not accepted gifts.

Action Plan: Forms will be prepared and distributed to employees by October 31, 2023.

Cyber Security

1. When receiving email that has come through the Spam Filter, take caution with the email. Don't click on links unless from a known sender. All employees are required to verify suspicious emails which request changes to information in the accounting system (direct deposit or ACH are examples) by calling a known number (example: a number from the accounting system) and talk to the person. If an email comes through regular email and looks suspicious, click the Phishing button to send the email to Information Technology for review.

In Compliance: No

Comments: At least one Financial Services employee did not comply with this requirement and clicked on an attachment from an unknown. The email was a test email from the Information Technology department and did not result in loss to the city. Training was provided to the employee.

Action Plan: City-wide training is on-going throughout the year. Information Technology will continually provide updates to the City on compliance throughout the fiscal year.

2. When receiving an email asking that a bank account number be changed, whether from an employee with a request for a payroll direct deposit change or from a supplier with an ACH payment change, call a verified/known number or email a KNOWN email address. DO NOT RESPOND to the email address or the phone number provided in the email.

In Compliance: No

Comments: At least one Financial Services employee did not comply with this requirement and funds were released to an unknown party. The bank fraud department detected the error and returned the funds to the City.

Action Plan: Training was completed by all employees in financial services in August of 2023, and these practices are emphasized on a weekly basis. Compliance will continually be monitored throughout FY 2024.

3. Employees are required to lock their computer when leaving the computer. This is achieved by holding down the CTRL + ALT + DELETE keys simultaneously.

In Compliance: N/A	New requirement for FY 2024.
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Action Plan: If staff notices that an employee has not locked their workstation, they will report to their supervisor. This will help monitor compliance and accountability.

Cash Management

1. The City will maintain a comprehensive cash management program to include the effective collection of all accounts receivable, the prompt deposit of receipts, the prompt payment of obligations, the prudent investment of idle funds (in accordance with the City Investment Policy), and the accounting for cash using pooled cash in the accounting records.

In Compliance: No	Comments: The City did not use pooled cash for all 12 months of the year. Pooled cash was implemented in June of FY 2023. All other items in this section were complied with during FY 2023
-------------------	---

Action Plan: Staff will continue to use pooled cash as implemented in June of 2023. Compliance is expected for FY 2024.

2. Cash flow analysis (inflows and outflows) will be provided to Council, on a quarterly basis with the Investment Report.

In Compliance: No	Comments: New requirement for FY 2024
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Action Plan: The Investment Officers of the City have started to create a cash analysis and is actively working to make it more robust. While cash outflows are currently reported in the City's investment report, staff's goal is to present the cash inflow and outflow as part of the December 31, 2023 investment report.

3. Interest income will be allocated based on cash balances as part of the monthly accounting close process. Funds that have negative cash balances will have a due to / due from established such that the cash will be zero and the fund loaning the cash will receive less interest income.

In Compliance: No	Comments: New requirement for FY 2024
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Action Plan: Interest is currently be booked in accordance with this policy, and compliance is expected for the entirety of FY 2024.

4. All bank accounts will be reconciled within 3 months of the ending date of the month.

In Compliance: No	Comments: Due to staff turnover, bank reconciliations were not completed in a timely manner for FY 2023.
-------------------	--

Action Plan: Due to staff turnover in early FY 2023, many items fell behind. The City's finance department has caught up, is currently in compliance with this item. The Finance Department expects complete compliance for FY 2024, and is aiming to be reconciled within 1-2 months by the end of FY 2024.

5. All bond accounts will be reconciled, and balances reported to Council as part of the Monthly Financial Report.

In Compliance: N/A	Comments: New requirement for FY 2024.
--------------------	--

Action Plan: The City's finance department will develop a schedule that reports bond proceeds, funds spent, encumbrances, and funds available for each separate bond fund. This will be included in the financial report beginning in

October of 2023.

6. All disbursement bank accounts will be set up with positive pay on the check number, payee, and amount.

In Compliance: No

Comments: Bank accounts were set up with positive pay on amount and check number only until April 2023.

Action Plan: The City has set up payee validation, in addition to the existing positive pay features in April of 2023. The City is set to be compliant for the entirety of FY 2024.

7. All disbursement bank accounts will be set up with exception reporting such that if an exception is not dispositioned within the allotted time, the transaction rejected and is not processed. At least two employees will receive exception messages.

In Compliance: No

Comments: Prior to April 2023, only one employee received exception messages.

Action Plan: The City has added an additional employee to receive exception reports. The City is set to be compliant for the entirety of FY 2024.

8. The City's banking depository contract will be rebid every 5 years as required by State Law.

In Compliance: No

Comments: The bank depository contract was last bid in November 2017 and has not been rebid due to Financial Services staffing shortages and changes in senior Financial Services positions. The bid package is in work.

Action Plan: The Finance Director is actively working on the banking RFP, and will be posted by November of 2023.

9. For outstanding checks or amounts paid, an escheatment review will be performed annually, and escheatment made to the State when applicable and in accordance with State Law.

In Compliance: No

Comments: An escheatment review has not been performed in several years.

Action Plan: A review was initiated in FY 2023, but not yet completed due to staffing shortages. The City's new goal is to be compliant with state deadlines for FY 2024. The due-diligence will be completed in May of 2024, with the report filed by July 1, 2024

Purchase Cards

1. Purchasing will manage the procurement card system. Purchasing cards will be ordered upon authorization of a department head. The limit will be set as authorized by the department head and purchasing policy. An employee must sign that they understand the purchasing rules and have received training on the purchasing card website for entry of account codes prior to receiving the purchase card.

In Compliance: No

Comments: Purchasing maintains signed authorization forms for each employee that has a Purchase Card. An external audit detected that not all card holders had authorization forms on file. This was corrected in August 2023.

Action Plan: The City is now in compliance, and will continue working to be in compliance for the entirety of FY 2024.

AGENDA ITEM REPORT

11.11.



To: City Council
Subject: Consideration and possible action accepting the September 2023 Financial Statements (Christina Bishop)
Meeting: Thursday, October 19, 2023
Department: Finance /
Staff Contact: Christina Bishop

BACKGROUND INFORMATION:

These are the draft financials as all adjusting journal entries and audit has not yet taken place. The actual financial statements for the year ended 09/30/2023 will be presented by the auditors in 2024. These financials are presented in draft to provide a snapshot as of today as to the performance of the City for the 2023 Fiscal Year.

Preliminary general fund results show a deficit of \$6.64 million dollars. The finance department considers these results to be favorable, considering the significant one-time expenditures that occurred this fiscal year (primarily the \$6 million contribution to the EDC and \$5 million Butler loan payoff). This results in an ending unreserved fund balance of \$4.97 million. All operating divisions finished the year under budget, with the exception of legal and economic development (which incurred the City's contribution to the EDC and the Butler loan payoff).

Notable September activity includes the annual accrual of sales taxes to be paid to the HEB/Tack development (this is reflected as a reduction in sales tax revenues), the general fund's absorption of the "Fund 60" expenditures that were not eligible for bond reimbursement, and the transfer of franchise fees and street maintenance fees from the solid waste fund to the general fund.

Finally, City staff has determined that the \$200,000 budgeted transfer from the Hotel Tax Fund to the general fund is unable to occur, due to Kokefest not occurring and a lack of other eligible expenditures to date. This will leave additional money in the Hotel Tax Fund that may be utilized in future fiscal years.

SUMMARY OF REQUEST:

Acceptance of report as presented.

STAFF REVIEW:

Staff recommends acceptance.

AGENDA ITEM REPORT

11.11.



FISCAL NOTES:

No fiscal impact.

ATTACHMENTS:

1. September 2023 Financial Report



MONTHLY FINANCIAL REPORT

FOR THE MONTH ENDED SEPTEMBER 30, 2023

Finance Department

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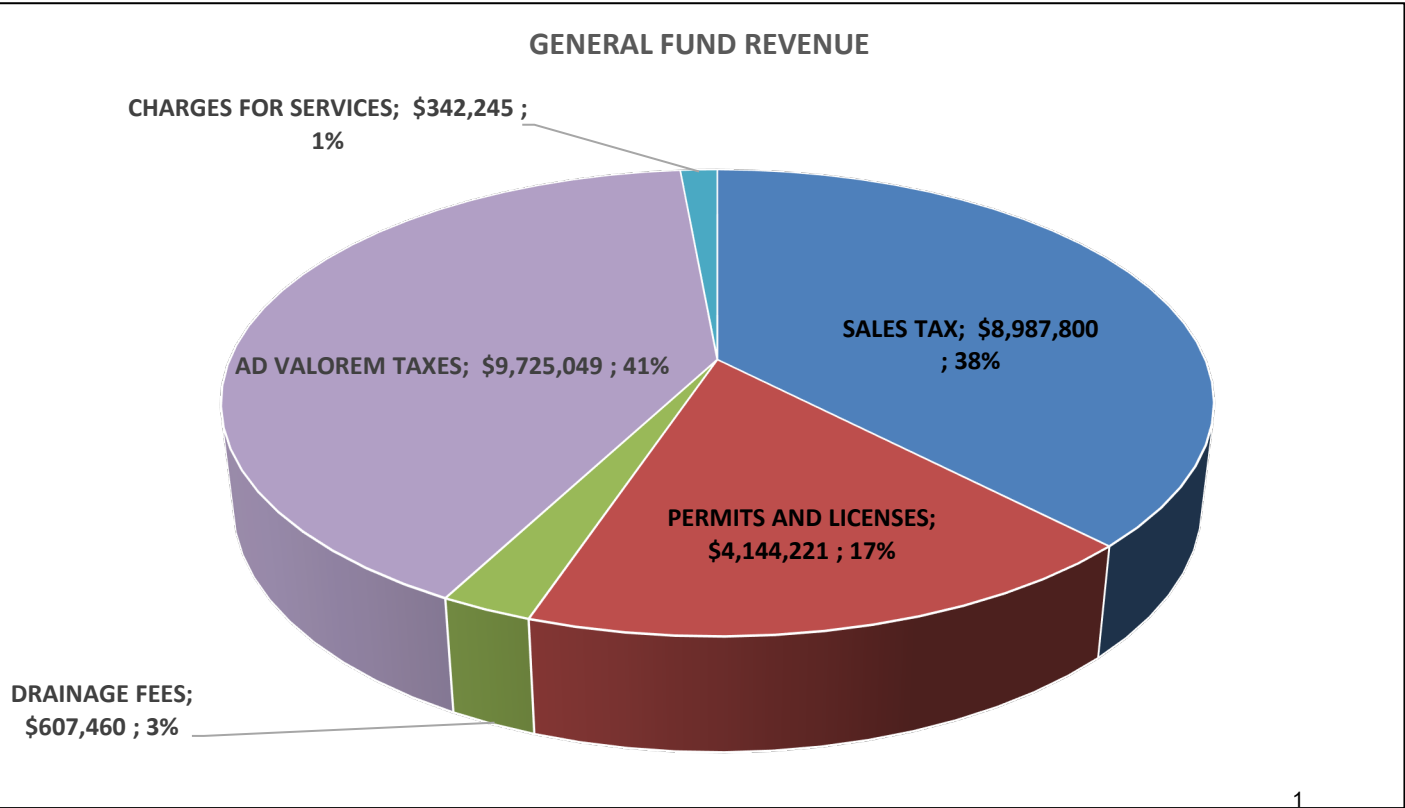
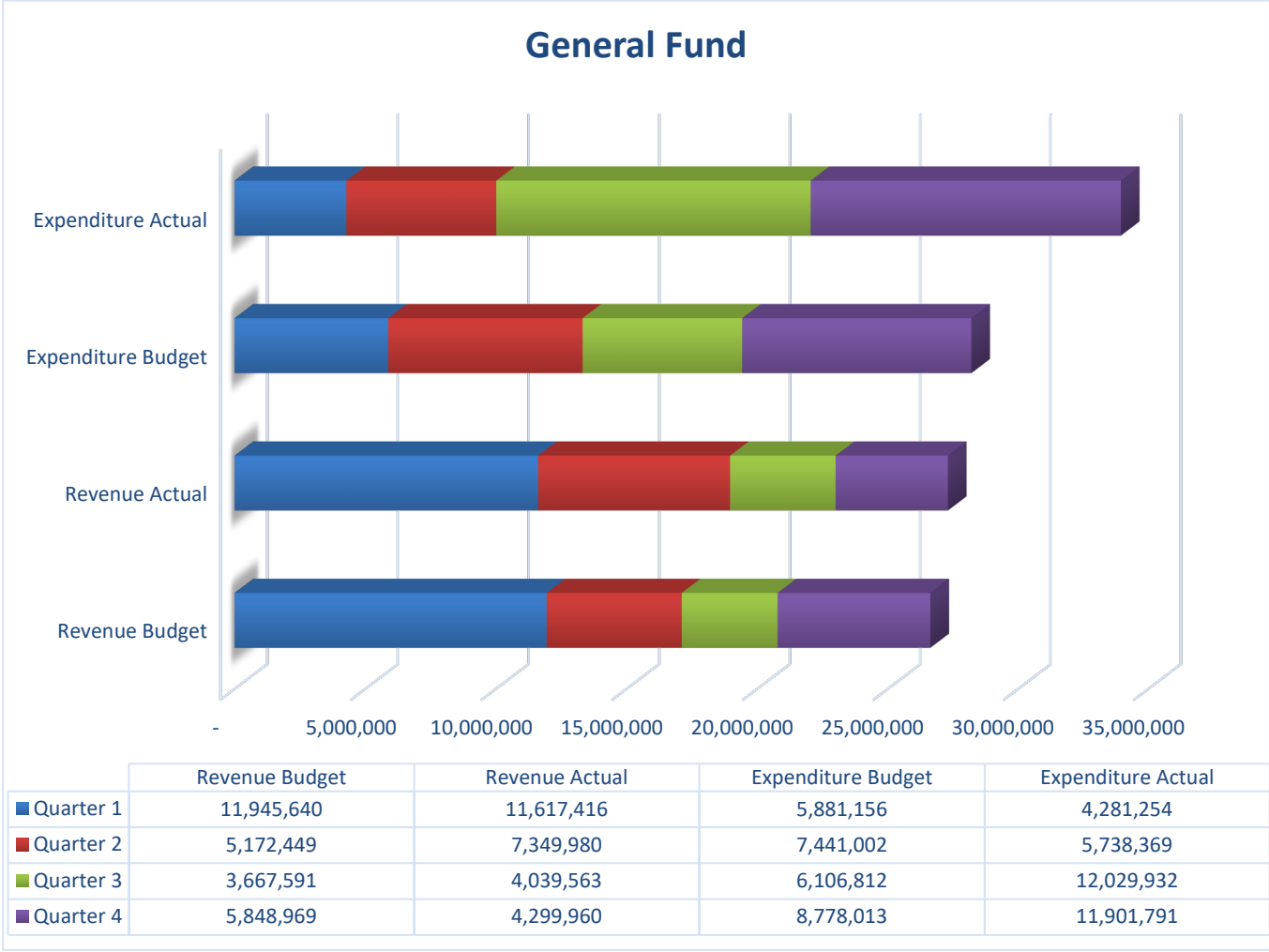
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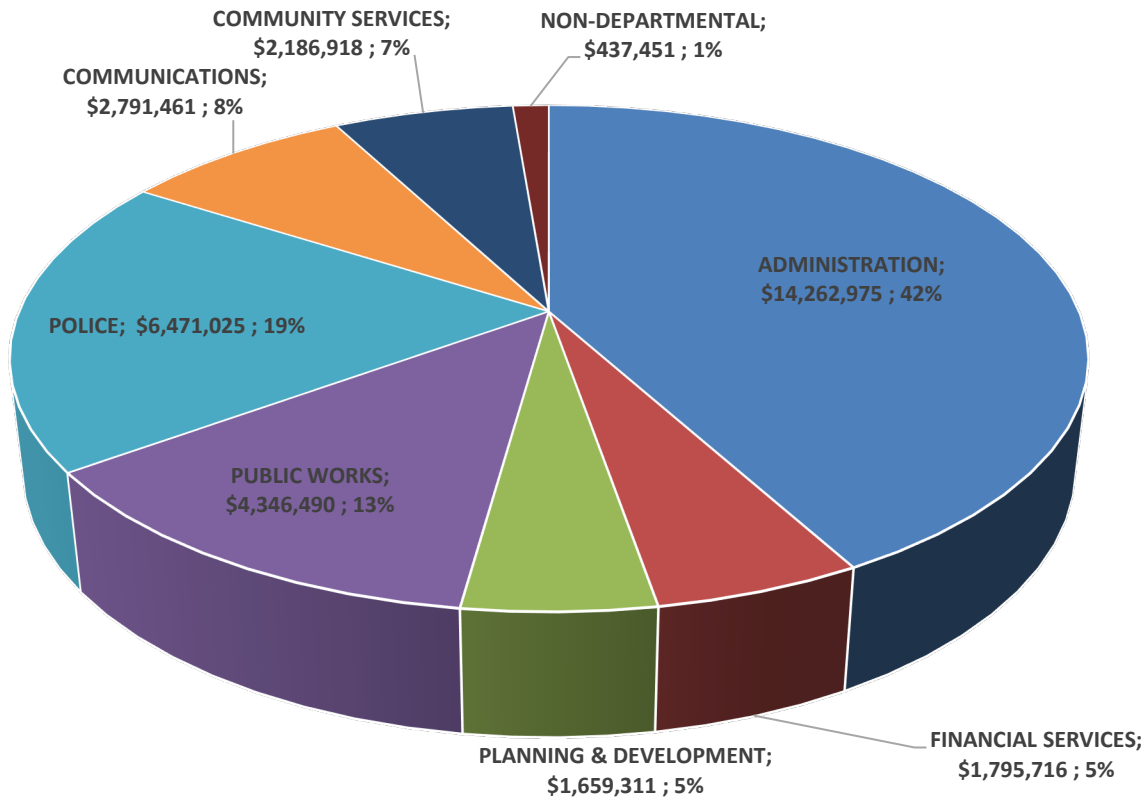
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FINANCIAL DASHBOARD FOR THE MONTH ENDING SEPTEMBER 30, 2023

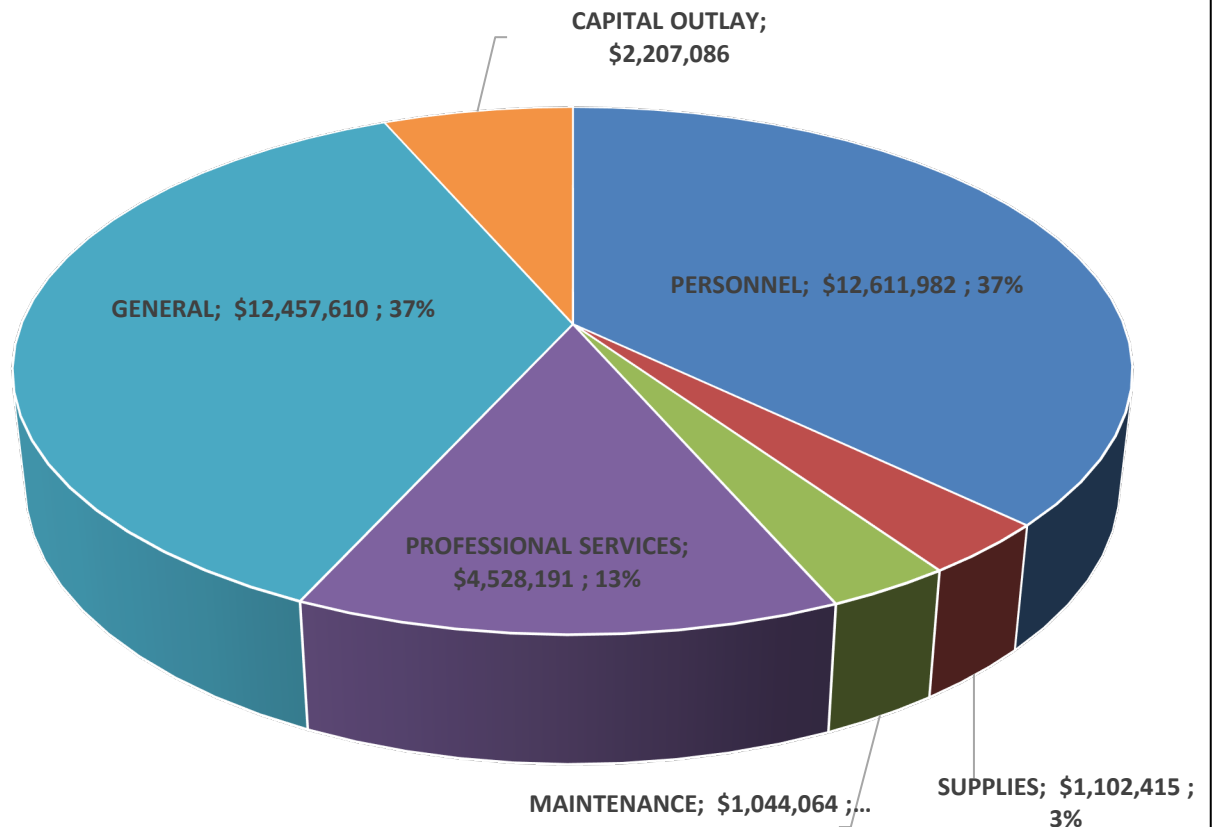


FINANCIAL DASHBOARD FOR THE MONTH ENDING SEPTEMBER 30, 2023

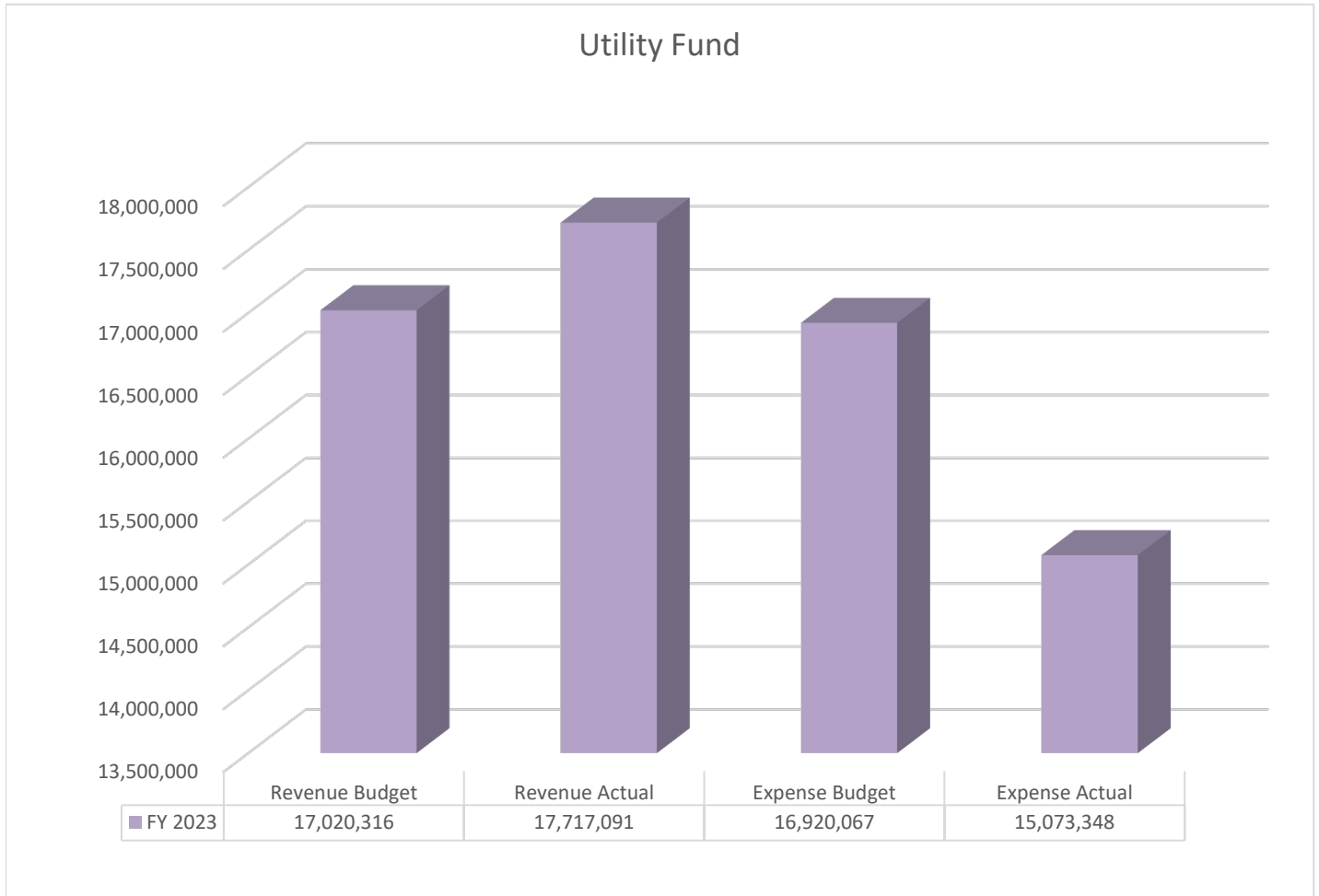
GENERAL FUND EXPENDITURES BY DEPARTMENT (YTD)



GENERAL FUND EXPENDITURES BY TYPE



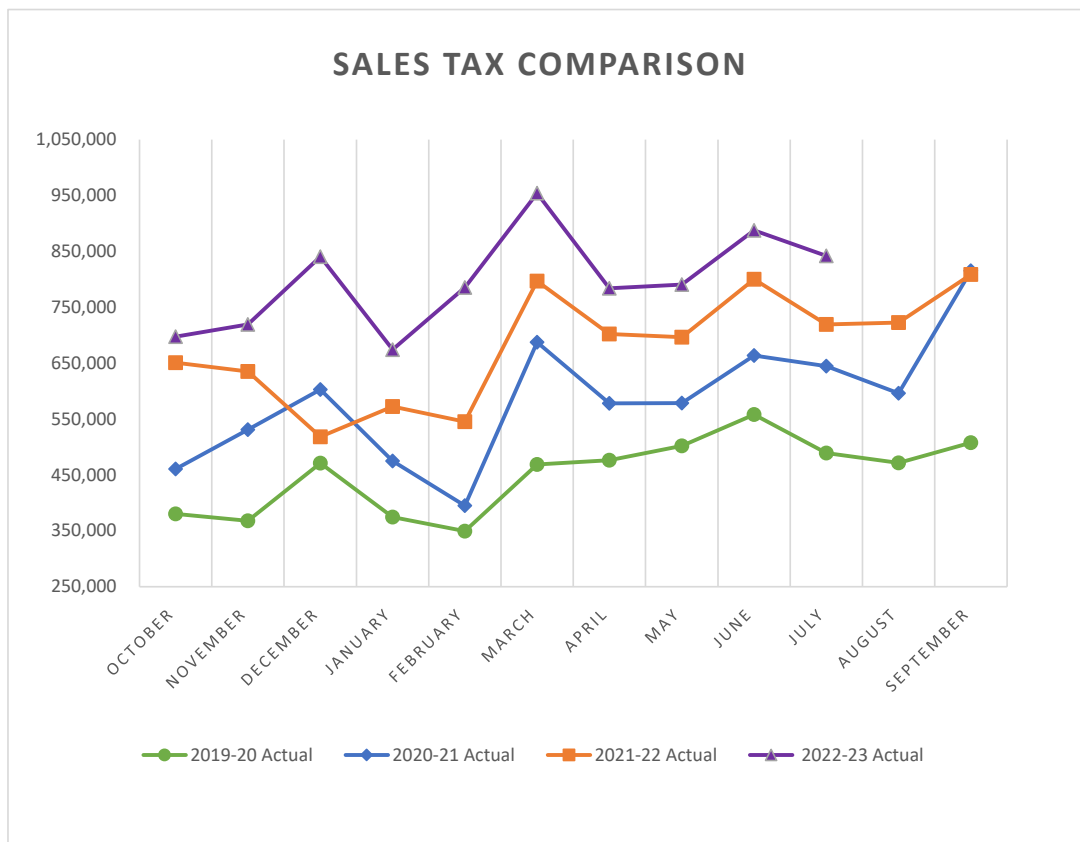
FINANCIAL DASHBOARD FOR THE MONTH ENDING SEPTEMBER 30, 2023



- Utility revenues were at 104.09% of budget
- Expenses were at 89.09% of budget

CITY ONLY Monthly Sales Tax Revenue

Received Month	FY Accrual Month	2019-20	2020-21	2021-22	2022-23	
		Actual	Actual	Actual	Budget	Actual / (a) Estimate
December	October	380,217	460,839	650,779	508,138	697,257
January	November	368,031	531,091	635,102	585,600	719,481
February	December	471,312	602,713	518,338	664,573	840,503
March	January	374,496	475,083	572,428	523,844	674,351
April	February	349,480	395,000	545,417	435,541	785,628
May	March	468,816	687,438	796,610	757,994	954,059
June	April	476,524	578,119	702,235	637,455	784,133
July	May	501,930	578,444	696,432	637,814	790,446
August	June	558,000	663,684	800,353	731,802	887,548
September	July	489,116	644,647	719,296	710,811	841,783
October	August	471,586	596,256	722,693	657,454	780,508 (a)
November	September	507,797	815,296	808,638	898,975	873,329 (a)
% Y-T-D Change		48.3%	29.7%	16.2%	7,750,000	9,629,026
Less Sales Tax Rebates from 380 Agreements					(175,000)	(683,192)
Total Budgeted Sales Tax on General Fund Financials					7,575,000	8,945,834



(a) August and September were booked as estimates. August's actuals will be trued up in October (761,732), and September's actuals will be trued up in November (tbd)

CITY OF HUTTO
GENERAL FUND
STATEMENT OF REVENUES
FOR THE MONTH ENDED SEPTEMBER 30, 2023

REVENUES	BUDGET	CURRENT MONTH	FISCAL YTD	VARIANCE FAVORABLE (UNFAVORABLE)	PERCENT OF BUDGET
AD VALOREM TAXES	\$ 10,911,184	\$ (8,599)	\$ 9,725,049	\$ (1,186,135)	89.13%
SALES TAX (a)	7,575,000	377,305	8,945,835	1,370,835	118.10%
CITY LIQUOR SALES TAX	40,000	4,090	41,965	1,965	104.91%
FRANCHISE FEES (b)	1,127,355	112,675	1,071,600	(55,755)	95.05%
PERMITS AND LICENSES	3,715,200	243,329	4,144,221	429,021	111.55%
CHARGES FOR SERVICES	382,650	25,243	342,245	(40,405)	89.44%
FINES	305,500	31,121	356,193	50,693	116.59%
DRAINAGE FEES	550,000	52,782	607,460	57,460	110.45%
GRANT REVENUE	-	563	33,852	33,852	100.00%
OTHER REVENUES	100,000	131,074	231,521	131,521	231.52%
INTEREST	1,513,760	33,897	1,534,148	20,388	101.35%
SUB - TOTAL	\$ 26,220,649	\$ 1,003,480	\$ 27,034,089	\$ 813,440	103.10%
TRANSFER FROM OTHER FUNDS (c)	417,000	21,659	272,830	(144,170)	65.43%
TOTAL REVENUES	\$ 26,637,649	\$ 1,025,139	\$ 27,306,919	\$ 669,270	102.51%

<u>GENERAL FUND SUMMARY</u>	<u>Budget</u>	<u>Actual</u>
Actual Beginning Fund Balance 10/1/2022	16,446,440	16,446,440
2023 Revenue	26,637,649	27,306,919
2023 Operating Expenditures	24,138,795	20,687,576
2023 One-Time Capital Expenditures	3,969,378	2,207,086
Ending Fund Balance	14,975,916	20,858,697
Budgeted Reserves at 20% Net Operating Expense	4,827,759	4,827,759
Unreserved Fund Balance	10,148,157	16,030,938
Less Butler Loan Payoff by City		(5,056,685)
Less \$6,000,000 transfer to EDC approved 2/2/2023	(6,000,000)	(6,000,000)
Remaining Unreserved Fund Balance	4,148,157	4,974,254

(a) Reflects a \$560,968 reduction in sales taxes for the 2023 accrual related to an economic incentive agreement.

(b) Annual gas franchise payment is received after year-end, and will be accrued/accounted for in FY 2023 once it is received. Expected payment is \$100k

(c) Budgeted transfer from hotel tax fund did not occur due to Kokfest cancellation

CITY OF HUTTO
GENERAL FUND
STATEMENT OF EXPENDITURES
FOR THE MONTH ENDED SEPTEMBER 30, 2023

	CURRENT BUDGET	CURRENT MONTH	FISCAL YTD	VARIANCE FAVORABLE (UNFAVORABLE)	PERCENT OF BUDGET
ADMINISTRATION					
PERSONNEL	\$ 925,651	\$ 109,761	\$ 892,468	\$ 33,183	96.42%
SUPPLIES	25,086	1,833	32,363	(7,276)	129.01%
PROFESSIONAL SERVICES	51,900	18,706	64,625	(12,725)	124.52%
GENERAL	82,750	(539)	28,188	54,562	34.06%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL ADMINISTRATION	\$ 1,085,387	\$ 129,761	\$ 1,017,643	\$ 67,744	93.76%
CITY COUNCIL					
PERSONNEL	\$ 75,074	\$ 7,829	\$ 64,350	\$ 10,724	85.71%
SUPPLIES	7,750	784	9,698	(1,948)	125.13%
PROFESSIONAL SERVICES	5,000	50	966	4,034	19.31%
GENERAL	437,299	3,750	385,643	51,656	88.19%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL CITY COUNCIL	\$ 525,123	\$ 12,413	\$ 460,656	\$ 64,467	87.72%
LEGAL					
PROFESSIONAL SERVICES	\$ 375,000	\$ 94,642	\$ 677,209	(302,209)	180.59%
TOTAL LEGAL	\$ 375,000	\$ 94,642	\$ 677,209	\$ (302,209)	180.59%
HUMAN RESOURCES					
PERSONNEL	\$ 456,016	\$ 54,267	\$ 469,693	\$ (13,678)	103.00%
SUPPLIES	14,800	2,991	19,262	(4,462)	130.15%
MAINTENANCE	20,000	-	-	20,000	0.00%
PROFESSIONAL SERVICES	216,869	31,545	191,110	25,758	88.12%
GENERAL	20,909	9	18,849	2,060	90.15%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL HUMAN RESOURCES	\$ 728,593	\$ 88,811	\$ 698,914	\$ 29,679	95.93%
ECONOMIC DEVELOPMENT					
PERSONNEL	\$ 336,217	\$ 30,454	\$ 308,444	\$ 27,773	91.74%
SUPPLIES	23,000	2,507	17,212	5,788	74.83%
MAINTENANCE	7,000	-	8,237	(1,237)	117.67%
PROFESSIONAL SERVICES	33,000	264	6,137	26,863	18.60%
GENERAL (a)	10,100	600	11,068,524	(11,058,424)	n/a
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL ECONOMIC DEVELOPMENT	\$ 409,317	\$ 33,825	\$ 11,408,552	\$ (10,999,236)	2787.22%
FINANCE					
PERSONNEL	\$ 936,129	\$ 98,115	\$ 902,844	\$ 33,285	96.44%
SUPPLIES	13,800	352	2,864	10,936	20.75%
MAINTENANCE	40,275	2,125	40,274	1	100.00%
PROFESSIONAL SERVICES	265,786	39,905	184,859	80,927	69.55%
GENERAL	437,187	24,829	278,950	158,237	63.81%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL FINANCE	1,693,177	165,326	1,409,791	283,386	83.26%
MUNICIPAL COURT					
PERSONNEL	\$ 371,590	\$ 43,948	\$ 359,800	\$ 11,791	96.83%
SUPPLIES	6,550	406	2,903	3,647	44.32%
MAINTENANCE	27,500	(100)	2,315	25,185	8.42%
PROFESSIONAL SERVICES	1,750	-	-	1,750	0.00%
GENERAL	27,150	1,682	20,907	6,243	77.01%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL MUNICIPAL COURT	\$ 434,540	\$ 45,936	\$ 385,925	\$ 48,616	88.81%

(a) \$6,000,000 transfer from City to EDC and \$5,056,685 Butler loan payoff charged to Economic Development

CITY OF HUTTO
GENERAL FUND
STATEMENT OF EXPENDITURES
FOR THE MONTH ENDED SEPTEMBER 30, 2023

	CURRENT BUDGET	CURRENT MONTH	FISCAL YTD	VARIANCE FAVORABLE (UNFAVORABLE)	PERCENT OF BUDGET
PLANNING & DEVELOPMENT					
PERSONNEL	\$ 1,065,716	\$ 115,508	\$ 946,156	\$ 119,560	88.78%
SUPPLIES	24,294	579	11,390	12,905	46.88%
MAINTENANCE	37,500	2,377	15,460	22,040	41.23%
PROFESSIONAL SERVICES	1,047,000	42,214	666,312	380,688	63.64%
GENERAL	45,806	2,701	19,993	25,813	43.65%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL PLANNING & DEVELOPMENT	\$ 2,220,316	\$ 163,380	\$ 1,659,311	\$ 561,006	74.73%
ENGINEERING					
PERSONNEL	\$ 227,254	\$ 62,215	\$ 284,175	(56,921)	125.05%
MAINTENANCE	19,500	-	7,346	12,154	37.67%
PROFESSIONAL SERVICES	1,122,746	-	712,006	410,740	63.42%
GENERAL	-	775	2,752	(2,752)	100.00%
TOTAL ENGINEERING	\$ 1,369,500	\$ 62,990	\$ 1,006,279	\$ 363,221	73.48%
CONSTRUCTION INSPECTION					
PERSONNEL	\$ 350,829	\$ 37,514	\$ 288,950	\$ 61,878	82.36%
SUPPLIES	20,500	1,357	17,221	3,279	84.01%
MAINTENANCE	2,000	-	1,964	36	98.21%
PROFESSIONAL SERVICES	23,247	4,227	42,736	(19,489)	183.84%
GENERAL	6,500	-	3,575	2,925	55.00%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL CONSTRUCTION INSPECTION	\$ 403,076	\$ 43,097	\$ 354,447	\$ 48,629	87.94%
STREETS & DRAINAGE					
PERSONNEL	\$ 676,595	\$ 71,383	\$ 561,942	\$ 114,653	83.05%
SUPPLIES	81,900	14,606	87,263	(5,363)	106.55%
MAINTENANCE	218,000	90,760	202,937	15,063	93.09%
PROFESSIONAL SERVICES	328,761	1,443	392,722	(63,961)	119.46%
GENERAL	222,000	22,066	215,730	6,270	97.18%
CAPITAL OUTLAY	3,272,878	826,138	1,525,170	1,747,708	46.60%
TOTAL STREETS & DRAINAGE	\$ 4,800,134	\$ 1,026,396	\$ 2,985,764	\$ 1,814,369	62.20%
POLICE					
PERSONNEL	\$ 5,674,270	\$ 606,359	\$ 5,254,804	\$ 419,465	92.61%
SUPPLIES	639,700	164,166	498,357	141,343	77.90%
MAINTENANCE	92,800	4,270	88,784	4,016	95.67%
PROFESSIONAL SERVICES/FEES	549,900	16,261	276,990	272,910	50.37%
GENERAL	130,300	7,487	120,162	10,138	92.22%
CAPITAL OUTLAY	423,500	55,343	231,928	191,572	54.76%
TOTAL POLICE	\$ 7,510,470	\$ 853,884	\$ 6,471,025	\$ 1,039,445	86.16%
CITY SECRETARY					
PERSONNEL	\$ 219,863	\$ 27,369	\$ 211,882	\$ 7,981	96.37%
SUPPLIES	1,450	337	1,531	(81)	105.57%
MAINTENANCE	78,000	7,122	62,608	15,392	80.27%
PROFESSIONAL SERVICES	94,000	17,164	99,153	(5,153)	105.48%
GENERAL	12,200	-	6,153	6,047	50.43%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL CITY SECRETARY	\$ 405,513	\$ 51,993	\$ 381,326	\$ 24,187	94.04%

CITY OF HUTTO
GENERAL FUND
STATEMENT OF EXPENDITURES
FOR THE MONTH ENDED SEPTEMBER 30, 2023

	CURRENT BUDGET	CURRENT MONTH	FISCAL YTD	VARIANCE FAVORABLE (UNFAVORABLE)	PERCENT OF BUDGET
COMMUNICATIONS					
PERSONNEL	\$ 359,646	\$ 51,805	\$ 363,445	\$ (3,799)	101.06%
SUPPLIES	6,200	345	5,879	321	94.83%
MAINTENANCE	23,000	390	21,180	1,820	92.09%
PROFESSIONAL SERVICES	137,646	3,386	115,143	22,503	83.65%
GENERAL	7,800	(191)	8,389	(589)	107.55%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL COMMUNICATIONS	\$ 534,292	\$ 55,735	\$ 514,036	\$ 20,256	96.21%
LIBRARY					
PERSONNEL	\$ 254,249	\$ 34,147	\$ 248,674	\$ 5,575	97.81%
SUPPLIES	46,500	1,710	47,576	(1,076)	102.31%
MAINTENANCE	2,600	36	2,672	(72)	102.77%
PROFESSIONAL SERVICES	-	-	-	-	0.00%
GENERAL	6,300	188	2,507	3,793	39.79%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL LIBRARY	\$ 309,649	\$ 36,082	\$ 301,429	\$ 8,220	97.35%
COMMUNITY RELATIONS					
PERSONNEL	\$ 190,612	\$ 22,690	\$ 192,971	\$ (2,360)	101.24%
SUPPLIES	237,100	10,154	128,161	108,939	54.05%
PROFESSIONAL SERVICES	480,000	2,787	264,902	215,098	55.19%
GENERAL	13,300	828	15,433	(2,133)	116.03%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL COMMUNITY RELATIONS	\$ 921,012	\$ 36,459	\$ 601,468	\$ 319,544	65.31%
INFORMATION TECHNOLOGY					
PERSONNEL	\$ 284,683	\$ 37,587	\$ 278,250	\$ 6,434	97.74%
SUPPLIES	74,600	10,455	74,225	375	99.50%
MAINTENANCE	220,000	1,197	214,986	5,014	97.72%
PROFESSIONAL SERVICES	480,000	36,737	386,927	93,073	80.61%
GENERAL	50,600	2,978	38,817	11,783	76.71%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL INFORMATION TECHNOLOGY	\$ 1,109,883	\$ 88,953	\$ 993,204	\$ 116,679	89.49%
PARKS & RECREATION					
PERSONNEL	\$ 782,164	\$ 72,621	\$ 694,843	\$ 87,322	88.84%
SUPPLIES	142,350	13,728	98,814	43,536	69.42%
MAINTENANCE	125,000	5,230	108,856	16,144	87.08%
PROFESSIONAL SERVICES	305,750	1,734	290,293	15,457	94.94%
GENERAL	48,900	4,321	42,015	6,885	85.92%
CAPITAL OUTLAY	288,000	-	209,002	78,998	72.57%
TOTAL PARKS & RECREATION	\$ 1,692,164	\$ 97,633	\$ 1,443,824	\$ 248,341	85.32%

CITY OF HUTTO
GENERAL FUND
STATEMENT OF EXPENDITURES
FOR THE MONTH ENDED SEPTEMBER 30, 2023

	CURRENT BUDGET	CURRENT MONTH	FISCAL YTD	VARIANCE FAVORABLE (UNFAVORABLE)	PERCENT OF BUDGET
FLEET MAINTENANCE					
PERSONNEL	\$ 94,618	\$ 10,582	\$ 92,325	\$ 2,293	97.58%
SUPPLIES	32,950	162	11,087	21,863	33.65%
MAINTENANCE	138,000	17,896	127,037	10,963	92.06%
PROFESSIONAL SERVICES	12,000	532	6,520	5,480	54.33%
GENERAL	250	-	-	250	0.00%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL FLEET MAINTENANCE	<u>\$ 277,818</u>	<u>\$ 29,172</u>	<u>\$ 236,969</u>	<u>\$ 40,849</u>	<u>85.30%</u>
FACILITY MAINTENANCE					
PERSONNEL	\$ 213,348	\$ 22,971	\$ 195,966	\$ 17,382	91.85%
SUPPLIES	41,450	1,762	21,152	20,298	51.03%
MAINTENANCE	560,000	15,391	139,407	420,593	24.89%
PROFESSIONAL SERVICES	138,500	-	146,008	(7,508)	105.42%
GENERAL	4,000	420	3,593	407	89.82%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL FACILITY MAINTENANCE	<u>\$ 957,298</u>	<u>\$ 40,543</u>	<u>\$ 506,125</u>	<u>\$ 451,173</u>	<u>52.87%</u>
NON-DEPARTMENTAL					
SUPPLIES	\$ 12,500	\$ 875	\$ 15,457	\$ (2,957)	123.66%
MAINTENANCE	-	-	-	-	0.00%
PROFESSIONAL SERVICES	-	894	3,575	(3,575)	0.00%
GENERAL	432,220	26,683	177,433	254,787	41.05%
CAPITAL OUTLAY	-	240,986	240,986	(240,986)	0.00%
TOTAL NON-DEPARTMENTAL	<u>\$ 444,720</u>	<u>\$ 269,438</u>	<u>\$ 437,451</u>	<u>\$ 7,269</u>	<u>98.37%</u>
TOTAL EXPENDITURES (b)	<u>\$ 28,206,983</u>	<u>\$ 3,426,470</u>	<u>\$ 33,951,347</u>	<u>\$ (5,744,364)</u>	<u>120.37%</u>

Excluding the Butler Loan payoff and EDC loan, expenditures are at 81.16% of budget

CITY OF HUTTO
OTHER FUNDS
STATEMENT OF REVENUES AND EXPENDITURES
FOR THE MONTH ENDED SEPTEMBER 30, 2023

	CURRENT BUDGET	CURRENT MONTH	FISCAL YTD	VARIANCE FAVORABLE (UNFAVORABLE)	PERCENT OF BUDGET
DEBT SERVICE					
REVENUES	\$ 5,775,194	\$ 3,664	\$ 6,116,722	\$ 341,528	105.91%
EXPENDITURES	<u>5,762,932</u>	<u>\$ -</u>	<u>\$ 5,753,207</u>	<u>9,725</u>	99.83%
NET CHANGE	<u>\$ 12,262</u>	<u>\$ 3,664</u>	<u>\$ 363,515</u>	<u>\$ 351,253</u>	
COURT FUNDS					
REVENUES	\$ 16,850	\$ 3,192	\$ 29,737	\$ 12,887	176.48%
EXPENDITURES	<u>9,450</u>	<u>732</u>	<u>7,310</u>	<u>2,140</u>	77.35%
NET CHANGE	<u>\$ 7,400</u>	<u>\$ 2,459</u>	<u>\$ 22,427</u>	<u>\$ 15,027</u>	
HOTEL TAX FUND					
REVENUES	\$ 200,000	\$ 19,721	\$ 316,789	\$ 116,789	158.39%
EXPENDITURES (a)	<u>200,000</u>	<u>-</u>	<u>-</u>	<u>200,000</u>	0.00%
NET CHANGE	<u>\$ -</u>	<u>\$ 19,721</u>	<u>\$ 316,789</u>	<u>\$ 316,789</u>	
HUTTO POLICE SEIZURE FUND					
REVENUES	\$ 5,849	\$ 128	\$ 209	\$ (5,640)	3.57%
EXPENDITURES	<u>40,000</u>	<u>-</u>	<u>\$ 6,600</u>	<u>33,400</u>	16.50%
NET CHANGE	<u>\$ (34,151)</u>	<u>\$ 128</u>	<u>\$ (6,391)</u>	<u>\$ 27,760</u>	
POLICE LEASE FUNDS					
REVENUES	\$ -	\$ 62	\$ 2,797	\$ 2,797	0.00%
EXPENDITURES	<u>13,420</u>	<u>695.00</u>	<u>\$ 2,115</u>	<u>11,305</u>	15.76%
NET CHANGE	<u>\$ (13,420)</u>	<u>\$ (633)</u>	<u>\$ 682</u>	<u>\$ 14,102</u>	
PARKS IMPROVEMENTS & ACQUISITION FUND (FORMERLY PARK IMPROVEMENT FUND)					
REVENUES	\$ 267,100	\$ 14,488	\$ 649,613	\$ 382,513	243.21%
EXPENDITURES	<u>337,000</u>	<u>67,968</u>	<u>\$ 260,551</u>	<u>76,449</u>	77.31%
NET CHANGE	<u>\$ (69,900)</u>	<u>\$ (53,480)</u>	<u>\$ 389,061</u>	<u>\$ 458,961</u>	
PEG CAPITAL FUND					
REVENUES	\$ 70,000	\$ 427	\$ 32,619	\$ (37,381)	46.60%
EXPENDITURES	<u>45,000</u>	<u>-</u>	<u>\$ 24,320</u>	<u>20,680</u>	54.04%
NET CHANGE	<u>\$ 25,000</u>	<u>\$ 427</u>	<u>\$ 8,299</u>	<u>\$ (16,701)</u>	

CITY OF HUTTO
OTHER FUNDS
STATEMENT OF REVENUES AND EXPENDITURES
FOR THE MONTH ENDED SEPTEMBER 30, 2023

	CURRENT BUDGET	CURRENT MONTH	FISCAL YTD	VARIANCE FAVORABLE (UNFAVORABLE)	PERCENT OF BUDGET
GENERAL CAPITAL IMPROVEMENT FUND (2022 GO BONDS)					
REVENUES	\$ 25,917,251	\$ 97,266	\$ 26,374,313	\$ 457,062	101.76%
EXPENDITURES	<u>11,293,012</u>	<u>1,860,323</u>	<u>5,511,652</u>	<u>5,781,360</u>	48.81%
NET CHANGE	<u>\$ 14,624,239</u>	<u>\$ (1,763,057)</u>	<u>\$ 20,862,661</u>	<u>\$ 6,238,422</u>	
GENERAL CAPITAL IMPROVEMENT FUND (2023 GO BONDS)					
REVENUES	\$ -	\$ 52,550	\$ 12,337,936	\$ 12,337,936	100.00%
EXPENDITURES	<u>-</u>	<u>-</u>	<u>140,686</u>	<u>(140,686)</u>	100.00%
NET CHANGE	<u>\$ -</u>	<u>\$ 52,550</u>	<u>\$ 12,197,250</u>	<u>\$ 12,197,250</u>	
COMMUNITY BENEFIT FUND					
REVENUES	\$ 161,242	\$ 17,681	\$ 671,536	\$ 510,294	416.48%
EXPENDITURES	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	0.00%
NET CHANGE	<u>\$ 161,242</u>	<u>\$ 17,681</u>	<u>\$ 671,536</u>	<u>\$ 510,294</u>	
TRANSPORTATION IMPROVEMENT FUND					
REVENUES	\$ 2,111,900	\$ 187,795	\$ 2,858,451	\$ 746,551	135.35%
EXPENDITURES	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	0.00%
NET CHANGE	<u>\$ 2,111,900</u>	<u>\$ 187,795</u>	<u>\$ 2,858,451</u>	<u>\$ 746,551</u>	
ARPA FUNDS					
REVENUES	\$ 311,933	\$ 29,979	\$ 320,859	\$ 8,926	102.86%
EXPENDITURES	<u>2,022,366</u>	<u>-</u>	<u>194,699</u>	<u>1,827,667</u>	9.63%
NET CHANGE	<u>\$ (1,710,433)</u>	<u>\$ 29,979</u>	<u>\$ 126,160</u>	<u>\$ 1,836,593</u>	
ECONOMIC DEVELOPMENT CORPORATION (EDC)					
REVENUES	\$ 24,187,605	\$ 332,926	\$ 24,382,077	\$ 194,472	100.80%
EXPENDITURES	<u>23,499,119</u>	<u>538,256</u>	<u>23,364,664</u>	<u>134,455</u>	99.43%
NET CHANGE	<u>\$ 688,486</u>	<u>\$ (205,331)</u>	<u>\$ 1,017,413</u>	<u>\$ 328,927</u>	

CITY OF HUTTO
UTILITY FUND
STATEMENT OF REVENUES & EXPENSES
FOR THE MONTH ENDED SEPTEMBER 30, 2023

	BUDGET	CURRENT MONTH	FISCAL YTD	VARIANCE FAVORABLE (UNFAVORABLE)	PERCENT OF BUDGET
REVENUES					
CHARGES FOR SERVICES	\$ 16,006,000	\$ 1,691,568	\$ 16,289,178	\$ 283,178	101.77%
FEES	356,000	46,913	452,625	96,625	127.14%
OTHER REVENUES	565,000	85	567,767	2,767	100.49%
INTEREST	93,316	39,436	192,521	99,205	206.31%
SUB - TOTAL	<u>\$ 17,020,316</u>	<u>\$ 1,778,001</u>	<u>\$ 17,502,091</u>	<u>\$ 481,775</u>	102.83%
TRANSFER FROM OTHER FUNDS	-	17,917	215,000	215,000	100.00%
TOTAL REVENUES	<u>\$ 17,020,316</u>	<u>\$ 1,795,918</u>	<u>\$ 17,717,091</u>	<u>\$ 696,775</u>	104.09%
EXPENSES					
UTILITY BILLING					
PERSONNEL	\$ 406,145	\$ 47,657	\$ 408,958	\$ (2,813)	100.69%
SUPPLIES	163,315	33,266	151,294	12,021	92.64%
MAINTENANCE	49,500	300	34,899	14,601	70.50%
PROFESSIONAL SERVICES	30,168	2,748	15,850	14,318	52.54%
GENERAL	447,750	76,243	584,115	(136,365)	130.46%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL UTILITY BILLING	<u>\$ 1,096,878</u>	<u>\$ 160,215</u>	<u>\$ 1,195,115</u>	<u>\$ (98,238)</u>	108.96%
PUBLIC WORKS ADMIN					
PERSONNEL	\$ 600,534	\$ 57,437	\$ 438,946	\$ 161,588	73.09%
SUPPLIES	3,000	917	2,504	496	83.48%
PROFESSIONAL SERVICES	550,000	1,573	121,257	428,743	22.05%
GENERAL	2,100	1,352	2,062	38	98.18%
CAPITAL OUTLAY	-	-	-	-	0.00%
TOTAL PUBLIC WORKS ADMIN	<u>\$ 1,155,634</u>	<u>\$ 61,278</u>	<u>\$ 564,770</u>	<u>\$ 590,864</u>	48.87%
UTILITY OPERATIONS					
PERSONNEL	\$ 1,010,981	\$ 115,026	\$ 932,584	\$ 78,397	92.25%
SUPPLIES	313,250	39,305	244,337	68,913	78.00%
MAINTENANCE	414,000	46,657	271,412	142,588	65.56%
PROFESSIONAL SERVICES	5,426,000	1,274,939	4,442,482	983,518	81.87%
GENERAL	425,500	47,249	458,580	(33,080)	107.77%
CAPITAL OUTLAY	407,708	-	263,971	143,737	64.75%
TOTAL UTILITY OPERATIONS	<u>\$ 7,997,439</u>	<u>\$ 1,523,175</u>	<u>\$ 6,613,366</u>	<u>\$ 1,384,073</u>	82.69%
NON-DEPARTMENTAL					
PROFESSIONAL SERVICES	\$ 75,000	\$ 21,573	\$ 136,012	\$ (61,012)	181.35%
GENERAL	133,918	8,699	104,386	29,532	77.95%
TRANSFERS TO OTHER FUNDS	6,461,199	538,308	6,459,699	1,500	99.98%
TOTAL NON-DEPARTMENTAL	<u>\$ 6,670,117</u>	<u>\$ 568,580</u>	<u>\$ 6,700,097</u>	<u>\$ (29,980)</u>	100.45%
TOTAL EXPENSES	<u>\$ 16,920,067</u>	<u>\$ 2,313,248</u>	<u>\$ 15,073,348</u>	<u>\$ 1,846,719</u>	89.09%
NET CHANGE IN FUND BALANCE	\$ 100,249	\$ (517,330)	\$ 2,643,743		

CITY OF HUTTO
UTILITY FUNDS
STATEMENT OF REVENUES AND EXPENSES
FOR THE MONTH ENDED SEPTEMBER 30, 2023

	CURRENT BUDGET	CURRENT MONTH	FISCAL YTD	VARIANCE FAVORABLE (UNFAVORABLE)	PERCENT OF BUDGET
UTILITY DEBT SERVICE					
REVENUES	\$ 9,732,422	815,601	9,757,433	\$ 25,011	100.26%
EXPENSES	6,110,559	564,425	7,551,421	(1,440,862)	123.58%
NET CHANGE	<u>\$ 3,621,863</u>	<u>\$ 251,176</u>	<u>\$ 2,206,012</u>	<u>\$ 1,465,873</u>	
UTILITY IMPACT FEES FUND					
REVENUES	\$ 5,000,000	\$ 792,601	\$ 11,309,630	\$ 6,309,630	226.19%
EXPENSES	3,162,217	263,518	3,244,473	(82,256)	102.60%
NET CHANGE	<u>\$ 1,837,783</u>	<u>\$ 529,083</u>	<u>\$ 8,065,157</u>	<u>\$ 6,391,886</u>	
UTILITY CIP FUND					
REVENUES	\$ 2,432,569	\$ 188,981	\$ 2,548,165	\$ 115,596	104.75%
EXPENSES	61,198,846	5,618,506	21,252,839	39,946,007	34.73%
NET CHANGE	<u>\$ (58,766,277)</u>	<u>\$ (5,429,525)</u>	<u>\$ (18,704,674)</u>	<u>\$ (39,830,410)</u>	
SOLID WASTE FUND (a)					
REVENUES	\$ 2,362,000	\$ (21,072)	\$ 2,315,933	\$ (46,067)	98.05%
EXPENSES	2,485,670	393,165	2,638,639	(152,969)	106.15%
	<u>\$ (123,670.00)</u>	<u>\$ (414,237)</u>	<u>\$ (322,707)</u>	<u>\$ 106,902</u>	

(a) Revenues are negative this month due to the transfer of FY 2023 franchise and street maintenance fees to general fund



City of Hutto, TX

Income Statement Account Summary

For Fiscal: 2022-2023 Period Ending: 09/30/2023

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Fund: 76 - Cottonwood Development Corp (Sports Health)						
Revenue						
76-5041	Interest Earned	0.00	0.00	-309.98	-309.98	309.98
76-5925	Contribution from the City	0.00	0.00	0.00	5,056,684.55	-5,056,684.55
Revenue Total:		0.00	0.00	-309.98	5,056,374.57	-5,056,374.57
Expense						
76-020-001-6405	Professional Svcs	0.00	0.00	0.00	963,706.33	-963,706.33
76-020-001-6802	Interest	0.00	0.00	0.00	296,821.75	-296,821.75
76-100-000-6064	Loss of Sale of Asset	0.00	0.00	0.00	475,070.12	-475,070.12
76-100-000-6401	Attorney Svcs	0.00	0.00	26,870.13	539,607.83	-539,607.83
Expense Total:		0.00	0.00	26,870.13	2,275,206.03	-2,275,206.03
Fund: 76 - Cottonwood Development Corp (Sports Health) Surplus (Defici..		0.00	0.00	-27,180.11	2,781,168.54	
Total Surplus (Deficit):		0.00	0.00	-27,180.11	2,781,168.54	



City of Hutto, TX

Balance Sheet

Account Summary

As Of 09/30/2023

Account	Name	Balance
Fund: 76 - Cottonwood Development Corp (Sports Health)		
Assets		
76-1000	Claim on Cash	-3,270,389.36
76-1107	Land Held for Investment	0.00
76-1207	Escrowed funds	0.00
76-1208	Escrowed Cash Allowance	0.00
76-1231	Accounts Receivable	0.00
76-1310	Due From Fund General Fund	0.00
Total Assets:		-3,270,389.36
		-3,270,389.36
Liability		
76-2000	Accounts Payable Pending	933.70
76-2001	Accrued Accounts Payable	0.00
76-2010	Principal Owed	0.00
76-2011	Accrued Interest Payable	0.00
76-2310	Due To Fund 10	0.00
Total Liability:		933.70
Equity		
76-3001	Fund Balance	-6,052,491.60
Total Beginning Equity:		-6,052,491.60
Total Revenue		5,056,374.57
Total Expense		2,275,206.03
Revenues Over/Under Expenses		2,781,168.54
Total Equity and Current Surplus (Deficit):		-3,271,323.06
Total Liabilities, Equity and Current Surplus (Deficit):		-3,270,389.36

City of Hutto
Breakdown of Development Services Revenue
FY 2023

GL Account	Description	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23	March 23	April 23	May 23	June 23	July 23	Aug 23	Sept 23	Total	Budget	% of Budget Collected
10-5101	Planning/Zoning Fees	21,858	1,250	0	5,964	18,079	5,942	38,419	19,047	200	8,283	5,163	4,947	129,152	250,000	51.7%
10-5102	Engineering/ROW Fees	6,228	52,231	7,334	183,925	28,955	1,700	202,736	23,301	57,401	262,938	393,351	48,527	1,268,626	1,150,000	110.3%
10-5121	Building Permit Fees	152,570	68,248	50,887	90,342	245,330	350,116	229,969	171,447	228,378	229,862	94,689	143,784	2,055,623	2,000,000	102.8%
10-5122	Building Inspection Fees	47,215	38,535	63,600	78,630	72,430	41,050	33,680	37,805	22,535	70,250	51,295	40,180	597,205	250,000	238.9%
10-5123	Site Plan Review Fees	200	1,089	4,673	9,487	5,893	1,979	11,680	1,661	2,139	21,614	600	3,739	64,754	30,000	215.8%
10-5132	Technology Fee	2,397	1,863	1,513	1,774	2,660	2,608	2,447	2,928	2,007	3,155	2,045	1,728	27,124	32,000	84.8%
40-5103	Parkland Dedication Fee	0	29,100	0	0	34,400	0	310,300	800	205,840	21,488	800	0	602,727	250,000	241.1%
42-5106	Traffic Impact Fee	239,999	242,404	84,001	59,482	903,995	(75,163)	115,880	355,199	283,454	383,591	44,000	170,942	2,807,785	2,100,000	133.7%
50-5113	Water Connection Fee	4,350	5,150	3,750	7,400	24,600	37,850	34,350	18,350	29,850	12,500	8,550	7,050	193,750	350,000	55.4%
50-5114	WW Connection Fee	5,400	1,500	1,500	1,200	12,300	18,000	16,800	8,400	14,100	3,900	4,800	3,000	90,900	215,000	42.3%
52-2005	Water/WW Impact Fee-Hutto Crossing PUD	0	0	0	0	0	0	0	0	0	0	0	0	0	-	n/a
52-5111	Water Impact Fee	227,593	377,882	181,409	181,033	362,112	3,038,208	490,967	509,076	885,055	233,534	105,984	496,512	7,089,365	2,000,000	354.5%
52-5112	WW Impact Fee	251,248	162,912	109,578	85,916	381,956	1,124,372	288,632	332,896	439,769	356,455	133,824	179,277	3,846,835	3,000,000	128.2%
		959,058	982,164	508,244	705,153	2,092,710	4,546,663	1,775,860	1,480,912	2,170,728	1,607,568	845,101	1,099,686	18,773,846	11,627,000	161.5%



FY 2023 BUDGET TRANSFERS YTD

Month of Occurrence		Account	Current Budget	Approved Transfer	Revised Budget	Notes	
December	General Fund Balance	10-3001		(50,000.00)	(50,000.00)		Approved
December	Separation Pay	10-010-002-6019	-	50,000.00	50,000.00	Separation Pay Agreement	Approved
	Administration						Approved
December	General Fund Balance	10-3001		(27,400.00)	(27,400.00)		Approved
December	Software Licensing and Maint	10-020-001-6412	4,500.00	27,400.00	31,900.00	Cleargov Software	Approved
	Public Works & Engineering						Approved
January	Salaries	50-040-058-6001	725,287.60	(7,558.25)	717,729.35		Approved
January	Capital Outlay - Valve Trailer	50-040-058-6664	80,927.00	7,558.25	88,485.25	Valve Trailer Purchase	Approved
	Public Works & Engineering						Approved
January	Salaries	50-040-058-6001	717,729.35	(20,206.55)	697,522.80		Approved
January	Capital Outlay - Backhoe	50-040-058-6665	125,028.00	20,206.55	145,234.55	Backhoe Purchase	Approved
	Public Works & Engineering						Approved
January	Line maintenance repairs	50-040-058-6312	65,000.00	(8,000.00)	57,000.00		Approved
January	Lease & Rental	50-040-058-6408	22,000.00	8,000.00	30,000.00	New Utility Vehicle	Approved
	Non-Departmental						Approved
February	General Fund Balance	10-3001	-	(6,000,000.00)	(6,000,000.00)		Approved
February	HEDC Receivable	-	-	6,000,000.00	6,000,000.00	Land acquisition	Approved
	Administration						Approved
February	General Fund Balance	10-3001	-	(23,785.00)	(23,785.00)		Approved
February	Professional Services	10-010-004-6405	85,700.00	23,785.00	109,485.00	Compensation and staffing study	Approved
	Police Department						Approved
February	Lease/Rental Services	10-050-001-6408	353,000.00	(20,000.00)	333,000.00		Approved
February	Building Repair and Maintenance	10-050-001-6301	5,000.00	20,000.00	25,000.00	Conex Box Purchase	Approved
	2022 GO Bond Funds						Approved
February	Megasite North - South Arterial	12-040-060-6651	870,000.00	(461,000.00)	409,000.00	Council delayed to FY2024	Approved
February	137 from FM 1660 to Brushy	12-040-060-6652	420,000.00	356,000.00	776,000.00	Garver Design Contract	Approved
February	FM 1660 North at US 79	12-040-060-6659	541,610.00	105,000.00	646,610.00	Aaron Concrete Construction	Approved
	Utility CIP						Approved
February	Jonah 1.0MGD Supply & Emer	57-040-058-6695	9,865,187.00	(2,139,945.00)	7,725,242.00	Water Project W7 no longer needed	Approved
February	Trans & Distr Water Improve	57-040-058-6694	-	2,139,945.00	2,139,945.00	Water Project W17 not budgeted for FY2023	Approved
	Utility CIP						Approved
February	Jonah 1.0MGD Supply & Emer	57-040-058-6695	7,725,242.00	(148,448.00)	7,576,794.00	Water Project W7 no longer needed	Approved
February	New 2.0 MGD 801' EST	57-040-058-6685	150,000.00	148,448.00	298,448.00	Water Master Plan	Approved
	Information Technology						Approved
March	Office Supplies	10-060-030-6201	14,000.00	(200.00)	13,800.00	Office Supplies	Approved
March	Food/Meals	10-060-030-6205	-	200.00	200.00	Food/Meals	Approved
	Communications						Approved
March	Salaries	10-060-007-6001	298,074.00	(21,421.33)	276,652.67	Communications Transfers	Approved



FY 2023 BUDGET TRANSFERS YTD

Month of Occurrence		Account	Current Budget	Approved Transfer	Revised Budget	Notes	
March	Overtime	10-060-007-6004	2,500.00	(157.00)	2,343.00	Communications Transfers	Approved
March	Longevity	10-060-007-6021	-	100.00	100.00	Communications Transfers	Approved
March	Fica&Medicare	10-060-007-6051	22,616.23	(1,415.23)	21,201.00	Communications Transfers	Approved
March	State Unemployment Tax	10-060-007-6052	600.00	(38.00)	562.00	Communications Transfers	Approved
March	TMRS	10-060-007-6053	35,476.44	(2,219.44)	33,257.00	Communications Transfers	Approved
March	Worker's Comp Insurance	10-060-007-6054	500.00	(31.00)	469.00	Communications Transfers	Approved
March	Health & Life Insurance	10-060-007-6061	32,000.00	(2,002.00)	29,998.00	Communications Transfers	Approved
March	Professional Services	10-060-007-6405	57,500.00	27,184.00	84,684.00	Communications Transfers	Approved
April	Training & Development	10-060-007-6502	8,000.00	(1,200.00)	6,800.00	Communications Transfers	Approved
April	Food/Meals	10-060-007-6205	-	1,200.00	1,200.00	Communications Transfers	Approved
April	Advertising	10-060-007-6402	38,700.00	(6,000.00)	32,700.00	Communications Transfers	Approved
April	Software Licensing	10-060-007-6412	17,000.00	6,000.00	23,000.00	Communications Transfers	Approved
Professional Services multimedia production was underbudgeted (primarily in video production, such as the Capital Improvement Plan series). Requesting realignment of salary and benefit budget to professional services. The salary and benefits line is underbudget due to attrition in the Senior Multimedia position. Transfer to Software budget due to taking on a new service Zencity for community monitoring and pulse surveys							

Communications

March	Salaries	10-060-007-6001	184,257.30	(15,586.00)	168,671.30	Communications Transfers	Approved
March	Overtime	10-060-007-6004	1,600.00	(133.92)	1,466.08	Communications Transfers	Approved
March	Longevity	10-060-007-6021	500.00	(41.85)	458.15	Communications Transfers	Approved
March	Certification Pay	10-060-003-6022	500.00	(41.85)	458.15	Communications Transfers	Approved
March	Fica&Medicare	10-060-003-6051	14,294.58	(1,196.44)	13,098.14	Communications Transfers	Approved
March	State Unemployment Tax	10-060-003-6052	200.00	(16.74)	183.26	Communications Transfers	Approved
March	TMRS	10-060-003-6053	22,422.88	(1,876.77)	20,546.11	Communications Transfers	Approved
March	Worker's Comp Insurance	10-060-003-6054	350.00	(29.29)	320.71	Communications Transfers	Approved
March	Health & Life Insurance	10-060-003-6061	16,000.00	(1,339.18)	14,660.82	Communications Transfers	Approved
March	Professional Services	10-060-007-6405	57,500.00	20,262.04	77,762.04	Communications Transfers	Approved
City Secretary employee attrition due to unfilled positions during the year, resulted in overbudget for City Secretary salaries. Multi-media expenses greater than expected due to CIP and other videos, requiring additional budget for the year for Communications Professional Services line.							



FY 2023 BUDGET TRANSFERS YTD

Month of Occurrence		Account	Current Budget	Approved Transfer	Revised Budget	Notes	
Finance							
March	Salaries	10-020-001-6001	746,504.00	(30,000.00)	716,504.00	Finance Interdepartment	Approved
March	Vehicle Allowance	10-020-001-6011	6,000.00	(4,583.00)	1,417.00	Finance Interdepartment	Approved
March	Longevity	10-020-001-6021	1,000.00	(465.00)	535.00	Finance Interdepartment	Approved
March	Certification Pay	10-020-001-6022	-	418.00	418.00	Finance Interdepartment	Approved
March	Food/Meals	10-020-001-6205	1,000.00	3,000.00	4,000.00	Finance Interdepartment	Approved
March	Outside Printing	10-020-001-6410	-	1,000.00	1,000.00	Finance Interdepartment	Approved
March	Property Tax Collection Srvc	10-020-001-6442	-	5,000.00	5,000.00	Finance Interdepartment	Approved
March	Williamson County Appraisal	10-020-001-6443	85,000.00	4,536.00	89,536.00	Finance Interdepartment	Approved
March	Training and Development	10-020-001-6502	8,000.00	15,094.00	23,094.00	Finance Interdepartment	Approved
March	Postage	10-020-001-6504	100.00	1,000.00	1,100.00	Finance Interdepartment	Approved
March	Misc Recon Expenses	10-020-001-6509	-	5,000.00	5,000.00	Finance Interdepartment	Approved
Finance employee attrition due to unfilled position during the year, resulted in under budget for salaries and benefits which is be allocated to other needed areas of finance. Miscellaneous Reconciliation expenses account entries are booked as accounts in the ledger are reconciled and cleaned up							
Economic Development Corp							
March	Sales Tax Revenue	35-5005	(2,500,000.00)	(500,000.00)	(3,000,000.00)	Sales tax revenue is higher than anticipated	Approved
March	Marketing Services	35-500-008-6416	250,000.00	(171,875.00)	78,125.00	Marketing Services expenditures are less than anticipated	Approved
March	Debt Payments	35-500-008-6802	353,248.00	671,875.00	1,025,123.00	Interest payment for FY2023 on new \$15M loan	Approved
EDC Board Approved Budget additional \$500k in sales tax and budget for interest on \$15M Alliance loan							
March	Issuance Costs	35-100-000-6572	-	518,336.00	518,336.00	EDC Transfers	Approved
March	Salaries	35-500-008-6001	194,000.00	(194,000.00)	-	EDC Transfers	Approved
March	Benefits	35-500-008-6051	76,370.36	(76,370.36)	-	EDC Transfers	Approved
March	Professional Services	35-500-008-6405	130,000.00	270,370.00	400,370.00	EDC Transfers	Approved
March	Marketing Services	35-500-008-6416	250,000.00	(171,875.00)	78,125.00	EDC Transfers	Approved
March	Bank & Finance Charges	35-500-008-6505	250.00	385.00	635.00	EDC Transfers	Approved
March	Business Incentives	35-500-008-6550	375,000.00	(142,504.00)	232,496.00	EDC Transfers	Approved
March	Performance Grants	35-500-008-6556	75,000.00	50,000.00	125,000.00	EDC Transfers	Approved
March	Land Purchases	35-500-008-6631	-	20,573,784.00	20,573,784.00	EDC Transfers	Approved
March	Loan Interest Payments	35-500-008-6807	-	671,875.00	671,875.00	EDC Transfers	Approved
Budget for for Alliance bank and City Loan proceeds, cost of issuance for loan, land purchase and E/W Spine Road.							



FY 2023 BUDGET TRANSFERS YTD

Month of Occurrence		Account	Current Budget	Approved Transfer	Revised Budget	Notes	
Street and Drainage							
March	Salaries	10-040-060-6001	468,757.30	(3,000.00)	465,757.30	Streets and Drainage Transfers	Approved
March	Clothing & Uniforms Allowance	10-040-060-6012	1,900.00	3,000.00	4,900.00	Streets and Drainage Transfers	Approved
March	Other Supplies & Materials	10-040-060-6299	52,500.00	(1,000.00)	51,500.00	Streets and Drainage Transfers	Approved
March	Equipment Repair & Maint.	10-040-060-6302	-	500.00	500.00	Streets and Drainage Transfers	Approved
March	Vehicle Repair & Maint.	10-040-060-6304	-	500.00	500.00	Streets and Drainage Transfers	Approved
Mid year budget review and adjustment based on current year estimates							
Construction Inspection							
March	Salaries	10-040-059-6001	263,157.00	(8,261.00)	254,896.00	Construction Inspection Transfers	Approved
March	Overtime	10-040-059-6004	1,500.00	8,000.00	9,500.00	Construction Inspection Transfers	Approved
March	Longevity	10-040-059-6021	600.00	261.00	861.00	Construction Inspection Transfers	Approved
March	Membership Dues & Subscription	10-040-059-6507	1,500.00	(150.00)	1,350.00	Construction Inspection Transfers	Approved
March	Other Expenses	10-040-059-6599	-	150.00	150.00	Construction Inspection Transfers	Approved
Mid year budget review and adjustment based on current year estimates							
Community Outreach							
March	Special Events	10-060-025-6204	240,000.00	(4,595.46)	235,404.54	Community Outreach and Programs Transfers	Approved
March	Food/Meals	10-060-025-6205	-	34.90	34.90	Community Outreach and Programs Transfers	Approved
March	Other Supplies & Materials	10-060-025-6299	200.00	260.56	460.56	Community Outreach and Programs Transfers	Approved
March	Training & Development	10-060-025-6502	5,000.00	2,500.00	7,500.00	Community Outreach and Programs Transfers	Approved
March	Membership Dues & Subscription	10-060-025-6507	4,000.00	1,800.00	5,800.00	Community Outreach and Programs Transfers	Approved
Budget re-balancing. Food/Meals and Other Supplies and Materials charges were miscoded and deed to come out of Special events ledger line Training & Development increased due to priority on staff training/development (TA, Tourism College, KB BEDC)							
Fleet Management							
March	Salaries	10-090-050-6001	70,015.30	(500.00)	69,515.30	Fleet Maintenance Transfers	Approved
March	Part-Time Permanent	10-090-050-6002	-	500.00	500.00	Fleet Maintenance Transfers	Approved
March	Building Repair and Maintenance	10-090-050-6301	-	1,000.00	1,000.00	Fleet Maintenance Transfers	Approved
March	Equipment Repair & Maint.	10-090-050-6302	50,000.00	(1,000.00)	49,000.00	Fleet Maintenance Transfers	Approved
Mid year budget review and adjustment based on current year estimates							
Facility Maintenance							
March	Salaries	10-090-051-6001	159,323.20	(1,005.00)	158,318.20	Facilities Maintenance Transfers	Approved
March	Overtime	10-090-051-6004	500.00	1,000.00	1,500.00	Facilities Maintenance Transfers	Approved
March	Longevity	10-090-051-6021	225.00	5.00	230.00	Facilities Maintenance Transfers	Approved
Mid year budget review and adjustment based on current year estimates							



FY 2023 BUDGET TRANSFERS YTD

Month of Occurrence		Account	Current Budget	Approved Transfer	Revised Budget	Notes	
Utilities							
March	Salaries	50-040-001-6001	595,649.00	463.00	596,112.00	Utilities Transfers	Approved
March	Vehicle Allowance	50-040-001-6011	6,000.00	(750.00)	5,250.00	Utilities Transfers	Approved
March	Phone Allowance	50-040-001-6013	-	750.00	750.00	Utilities Transfers	Approved
March	Longevity	50-040-001-6021	2,000.00	463.00	2,463.00	Utilities Transfers	Approved
March	Office Supplies	50-040-001-6201	2,750.00	(500.00)	2,250.00	Utilities Transfers	Approved
March	Other Supplies & Materials	50-040-001-6299	250.00	500.00	750.00	Utilities Transfers	Approved
March	Clothing & Uniforms Allowance	50-040-058-6012	2,200.00	1,500.00	3,700.00	Utilities Transfers	Approved
March	Food/Meals	50-040-058-6205	-	1,500.00	1,500.00	Utilities Transfers	Approved
March	Other Supplies & Materials	50-040-058-6299	5,750.00	(4,500.00)	1,250.00	Utilities Transfers	Approved
March	Utility Facilities Maintenance	50-040-058-6314	110,000.00	(56,000.00)	54,000.00	Utilities Transfers	Approved
March	Lease & Rental Svcs	50-040-058-6408	22,000.00	5,000.00	27,000.00	Utilities Transfers	Approved
March	Software Licensing and Maint	50-040-058-6412	15,000.00	(5,000.00)	10,000.00	Utilities Transfers	Approved
March	Water Lease Payments	50-040-058-6454	175,000.00	25,000.00	200,000.00	Utilities Transfers	Approved
March	Licenses & Permits	50-040-058-6501	61,000.00	5,000.00	66,000.00	Utilities Transfers	Approved
March	Postage	50-040-058-6504	-	150.00	150.00	Utilities Transfers	Approved
March	Membership Dues & Subscription	50-040-058-6507	1,000.00	(150.00)	850.00	Utilities Transfers	Approved
March	Utilities	50-040-058-6521	325,000.00	26,000.00	351,000.00	Utilities Transfers	Approved
Mid year budget review and adjustment based on current year estimates							
Utility Billing							
March	Longevity Pay	50-020-010-6021	4,046.00	116.00	4,162.00	Utility Billing Transfers	Approved
March	Food/Meals	50-020-010-6205	-	250.00	250.00	Utility Billing Transfers	Approved
March	Clothing & Uniforms	50-020-010-6206	1,000.00	(967.25)	32.75	Utility Billing Transfers	Approved
March	Furniture & Office Equip	50-020-010-6211	-	999.00	999.00	Utility Billing Transfers	Approved
March	Small Tools and Equipment	50-020-010-6215	-	733.54	733.54	Utility Billing Transfers	Approved
March	Water Meters	50-020-010-6216	155,000.00	(5,700.28)	149,299.72	Utility Billing Transfers	Approved
March	Other Supplies & Materials	50-020-010-6299	2,000.00	650.00	2,650.00	Utility Billing Transfers	Approved
March	Equipment Repair & Maint.	50-020-010-6302	500.00	(500.00)	-	Utility Billing Transfers	Approved
March	Vehicle Repair & Maint.	50-020-010-6304	500.00	(250.00)	250.00	Utility Billing Transfers	Approved
March	Line Repairs & Maintenance	50-020-010-6312	1,000.00	(500.00)	500.00	Utility Billing Transfers	Approved
March	Lease/Rental Services	50-020-010-6408	-	5,168.00	5,168.00	Utility Billing Transfers	Approved
Mid year budget review and adjustment based on current year estimates							



FY 2023 BUDGET TRANSFERS YTD

Month of Occurrence		Account	Current Budget	Approved Transfer	Revised Budget	Notes

Administration

March	Salaries	10-010-001-6001	775,884.00	(75,208.06)	700,675.94	Admin Transfers	Approved
March	Special Events/Awards	10-010-001-6204	-	8,498.05	8,498.05	Admin Transfers	Approved
March	Food/Meals	10-010-001-6205	1,500.00	11,130.31	12,630.31	Admin Transfers	Approved
March	Furniture & Office Equipment	10-010-001-6211	-	308.00	308.00	Admin Transfers	Approved
March	Fuel & Mileage	10-010-001-6231	-	1,000.00	1,000.00	Admin Transfers	Approved
March	Software Licensing & Maint Fee	10-010-001-6412	-	400.00	400.00	Admin Transfers	Approved
March	Training & Development	10-010-001-6502	12,000.00	10,000.00	22,000.00	Admin Transfers	Approved
March	Vehicle Allowance	10-010-004-6011	-	6,000.02	6,000.02	Admin Transfers	Approved
March	Food/Meals	10-010-004-6205	500.00	6,468.24	6,968.24	Admin Transfers	Approved
March	Other Supplies & Materials	10-010-004-6299	1,000.00	3,830.62	4,830.62	Admin Transfers	Approved
March	City Employee's Functions	10-010-004-6489	10,000.00	21,383.55	31,383.55	Admin Transfers	Approved

Additional FTE's added to the CMO budget resulted in salary savings. New City Manager initiative in employee appreciation, Hutto Community University and professional development resulted in line items being over budget in Human Resources and the City Manager's Office. These transfers are designed to cover each department until the end of fiscal year.

Administration

March	Professional Services	10-010-004-6405	87,500.00	(2,191.00)	85,309.00	Admin Transfers	Approved
March	Drug Testing	10-010-004-6438	-	1,127.00	1,127.00	Admin Transfers	Approved
March	Background Checks	10-010-004-6440	-	1,064.00	1,064.00	Admin Transfers	Approved
March	Office Supplies	10-010-004-6201	2,610.00	(108.75)	2,501.25	Admin Transfers	Approved
March	Other Supplies & Materials	10-010-004-6299	-	108.75	108.75	Admin Transfers	Approved

Separating funds for Drug testing and Background checks that were originally budgeted on professional services ledger account to individual line item. Human Resources expects 10 more new hires in this fiscal year. An item was miscoded to Office Supplies and needed to be reclassified to the correct line

Solid Waste

April	Waste Management Services	70-080-010-6461	1,863,750.00	296,920.00	2,160,670.00	2023 Debris removal	Approved
April	Unreserved Solid Waste Fund Balance	70-3001	877,655.00	(296,920.00)	580,735.00		

Council Approval of Ordinance O-2023-017, 2 March 2023 Meeting

Economic Development Corp

May	Marketing Services	35-500-008-6141	250,000.00	(15,000.00)	235,000.00	EDC Transfers	Approved
May	Performance Grants	35-500-008-6556		(25,000.00)	(25,000.00)	EDC Transfers	Approved
May	Business Incentives	35-500-008-6550	80,182.00	40,000.00	120,182.00	EDC Transfers	Approved

EDC Board approved budget transfers for Texas State Technical College payment

Parks and Recreation

May	Machinery & Equipment	10-090-039-6603	95,000.00	(45,000.00)	50,000.00	Parks Transfers	Approved
May	Parks Improvements & Structures	40-060-032-6681	292,000.00	45,000.00	337,000.00	Parks Transfers	Approved

Requested by City Council on September 17th 2022 meeting to move \$45,000 budget as part of budget process from GF to Parkland Improvement Fund.



FY 2023 BUDGET TRANSFERS YTD

Month of Occurrence		Account	Current Budget	Approved Transfer	Revised Budget	Notes

City Secretary

May	Advertising/Legal Notices	10-060-003-6402	20,000.00	11,000.00	31,000.00	City Secretary	Approved
May	Professional Services	10-060-003-6405	25,000.00	(18,000.00)	7,000.00	City Secretary	Approved
May	Software Licensing & Maint Fee	10-060-003-6412	60,000.00	7,000.00	67,000.00	City Secretary	Approved

We currently have due Taylor Press invoices totaling \$13,158 and a Granicus Invoice for City Council Video Streaming totaling \$7,122.29 so need to move from other lines to cover these expenses

Police Department

May	Salaries	10-050-001-6001	4,093,349.61	(90,000.00)	4,003,349.61	Police Transfers	Approved
May	Overtime	10-050-001-6004	125,050.00	80,000.00	205,050.00	Police Transfers	Approved
May	Other Supplies & Materials	10-050-001-6299	80,500.00	10,000.00	905,000.00	Police Transfers	Approved

Move \$90,000 from Salary Line item to Overtime and Supplies and Materials Lines due to 10 vacant position we have had to use overtime to fill the needs of the department. Significant salary savings from 10 unified position should moved to cover OT expenses, which is over budget as well

Police Department

July	Professional Services	10-050-001-6405	44,000.00	(5,500.00)	38,500.00	Police Transfers	Approved
July	Office Supplies	10-050-001-6201	68,100.00	(5,000.00)	63,100.00	Police Transfers	Approved
July	Software Licensing & Maintenance	10-050-001-6412	47,000.00	10,500.00	57,500.00	Police Transfers	Approved

The current software line item is over budget due in large part to fees paid to 3rd party contractors for IT work for Police Department. This transfer would allow for the PD to pay a current invoice and complete the software package for drone needs.

City Secretary

July	Professional Services	10-060-003-6405	7,000.00	(3,000.00)	4,000.00	City Secretary	Approved
July	Advertising/Legal Notices	10-060-003-6402	31,000.00	3,000.00	34,000.00	City Secretary	Approved

Transfer requested to cover advertising through Taylor Press for remainder of the year

Police Department

July	Salaries	10-050-001-6001	4,003,349.61	(87,000.00)	3,916,349.61	Police Transfers	Approved
July	Ammunition and Firearms	10-050-001-6291	45,000.00	30,000.00	75,000.00	Police Transfers	Approved
July	Overtime	10-050-001-6004	205,050.00	45,000.00	250,050.00	Police Transfers	Approved
July	Other Supplies & Materials	10-050-001-6299	80,500.00	7,000.00	87,500.00	Police Transfers	Approved
July	Training & Development	10-050-001-6502	68,000.00	5,000.00	73,000.00	Police Transfers	Approved

The Department requests to move salary savings from salaries to overtime to compensate for 14 current vacant positions. We are replacing both rifles and handguns with new, modular, dependable firearms. Current items are approaching end of service and will be traded in for credit towards purchases, presenting exceptional value to the city. We are trying to complete the purchase of necessary protective equipment for Special Response Team: gas masks, helmets, communications headsets, and adapters. We would like to purchase all of the necessary traffic cones to facilitate emergency vehicle operation training courses completely in-house.

Street and Drainage

August	Clothing & Uniform Allowances	10-040-060-6012	4,900.00	(2,900.00)	2,000.00	Streets and Drainage Transfers	Approved
August	Clothing and Uniforms	10-040-060-6206	2,000.00	2,900.00	4,900.00	Streets and Drainage Transfers	Approved

This transfer is requested for the purchase of uniforms for new FTE's and eliminate negative line balance



FY 2023 BUDGET TRANSFERS YTD

Month of Occurrence		Account	Current Budget	Approved Transfer	Revised Budget	Notes	
Information Technology							
August	Professional Services	10-060-030-6405	175,000.00	(10,000.00)	165,000.00	Information Technology Transfers	Approved
August	Software Licensing & Maint Fee	10-060-030-6412	210,000.00	10,000.00	220,000.00	Information Technology Transfers	Approved
Non-budgeted expense of Wrike, and staff increase for various licenses(Office365, Adobe,etc.)							
Police Department							
August	Salaries	10-050-001-6001	3,916,349.61	(60,000.00)	3,856,349.61	Police Transfers	Approved
August	Machinery & Equipment	10-050-001-6603	33,500.00	60,000.00	93,500.00	Police Transfers	Approved
Move \$60K from salary savings to Machinery and Equipment to facilitate the purchase of new Body Worn Cameras and Special Response Team Equipment							
Utility CIP Projects							
August	Glenwood LS Decommissioning	57-040-058-6667	4,310,240.00	(1,175,123.00)	3,135,107.00	Wastewater CIP Transfers	Approved
August	South WWTP Construction of 6 MGD expansion	57-040-058-6676	-	-	1,175,123.00	Wastewater CIP Transfers	Approved
Revising budget to cover current encumbrances plus contingency. 2 - Revising budget to cover the award of the CMAR services contract.							
2022 GO Bond Funds							
August	FM 1660 at Limmer Loop	12-040-060-6569	5,374,400.00	(109,324.00)	5,265,076.00	Transportation CIP Transfers	Approved
August	FM 1660 North at US 79	12-040-060-6659	646,610.00	109,324.00	755,934.00	Transportation CIP Transfers	Approved
2022 GO Bond Funds							
August	FM 1660 at Limmer Loop	12-040-060-6569	5,374,400.00	(111,772.00)	5,262,628.00	Transportation CIP Transfers	Approved
August	FM 1660 North at US 79	12-040-060-6659	646,610.00	111,772.00	758,382.00	Transportation CIP Transfers	Approved
Revising budget to cover change order with Aaron Concrete on CIP T01 FM1660N and US 79 project							
2022 GO Bond Funds							
August	FM 1660 at Limmer Loop	12-040-060-6569	5,265,076.00	(1,087,224.00)	4,177,852.00	Transportation CIP Transfers	Approved
August	FM 1660 North at US 79	12-040-060-6659	755,934.00	1,087,224.00	1,843,158.00	Transportation CIP Transfers	Approved
Revising budget to cover current encumbrances plus contingency							
City Secretary							
August	Software Licensing & Maintenance	10-060-003-6412	67,000.00	11,000.00	78,000.00	City Secretary Transfers	Approved
August	Election Services	10-060-003-6431	60,000.00	(11,000.00)	49,000.00	City Secretary Transfers	Approved
Transfer requested to cover Software Licensing and maintenance costs							
Public Works & Engineering							
August	Manville Water Contract	50-040-058-6452	425,000.00	110,000.00	535,000.00	Public Works Transfers	Approved
August	Capital Outlay - Water Lines	50-040-058-6663	110,000.00	(110,000.00)	-	Public Works Transfers	Approved
Transfer to cover Maville Water contract							
Library							
August	Office Supplies	10-060-020-6201	4,000.00	1,000.00	5,000.00	Library Transfers	Approved
August	Books Repairs/Supplies	10-060-020-6253	1,000.00	(1,000.00)	-	Library Transfers	Approved
August	Software Licensing & Maint Fee	10-060-020-6412	2,400.00	200.00	2,600.00	Library Transfers	Approved
August	Training and Development	10-060-020-6502	4,500.00	(200.00)	4,300.00	Library Transfers	Approved
Transfers to cover additional Office Supplies cost; and the increase in Software Licensing fees							
Street and Drainage							
September	Software Licensing & Maint Fee	10-040-060-6412	5,000.00	(3,000.00)	2,000.00	Streets and Drainage Transfers	Approved



FY 2023 BUDGET TRANSFERS YTD

Month of Occurrence		Account	Current Budget	Approved Transfer	Revised Budget	Notes	
September	Training and Development	10-040-060-6502	5,000.00	(3,000.00)	2,000.00	Streets and Drainage Transfers	Approved
September	Property Cleanup & Demolition	10-040-060-6411	4,000.00	6,000.00	10,000.00	Streets and Drainage Transfers	Approved
Transfer requested to cover testing and disposal of a previously removed contaminated asphalt/soil slab at Public Works							
Utilities							
September	Manville Water Contract	50-040-058-6452	535,000.00	68,245.30	603,245.30	Utilities Transfers	Approved
September	Taylor Water Contract	50-040-058-6451	500,000.00	(68,245.30)	431,754.70	Utilities Transfers	Approved
September	Water Distribution Facility & Equipment	50-040-058-6661	160,000.00	(100,000.00)	60,000.00	Utilities Transfers	Approved
September	Manville Water Contract	50-040-058-6452	603,245.30	100,000.00	703,245.30	Utilities Transfers	Approved
This transfer is to cover the remaining invoices from Manville for August and September.							
City Secretary							
September	Professional Services	10-060-003-6405	4,000.00	(3,000.00)	1,000.00	City Secretary Transfers	Approved
September	Advertising/Legal Notices	10-060-003-6402	34,000.00	3,000.00	37,000.00	City Secretary Transfers	Approved
Transfer requested to cover advertising through Taylor Press for remainder of the year							
Finance							
September	Liability Insurance	10-020-001-6552	75,000.00	15,000.00	90,000.00	Finance Transfers	Approved
September	Software Licensing & Maint Fee	10-020-001-6412	31,900.00	8,375.00	40,275.00	Finance Transfers	Approved
September	Certification Pay	10-020-001-6022	418.00	582.00	100.00	Finance Transfers	Approved
September	Postage	10-020-001-6504	1,100.00	300.00	1,400.00	Finance Transfers	Approved
September	Clothing and Uniforms	10-020-001-6206	-	150.00	150.00	Finance Transfers	Approved
September	Fuel & Mileage	10-020-001-6231	-	400.00	400.00	Finance Transfers	Approved
September	Bank & Finance Charges	10-020-001-6505	250,000.00	(24,807.00)	225,193.00	Finance Transfers	Approved
Finance would like to buy a shirt for each of the team members, but there is currently no budget. Also initiating transfers to cover liability insurance premiums that were over budget (premiums are paid through the year, leaving a small amount of funds for a possible deductible), Debtbook subscription that was not budgeted for , staff member bilingual pay that was not budgeted for, fuel and mileage not being budgeted for travel, and postage being over budget. Savings are coming from bank and finance charges, which are substantially under budget.							
Street and Drainage							
September	Drainage Repair and Maintenance	10-040-060-6322	50,000.00	(5,000.00)	45,000.00	Streets and Drainage Transfers	Approved
September	Other Supplies & Materials	10-040-060-6299	52,500.00	5,000.00	57,500.00	Streets and Drainage Transfers	Approved
Transfers to cover additional Supplies cost; and cover over budget line item							
Police Department							
September	Software License & Maint	10-050-001-6412	57,500.00	3,100.00	60,600.00	Police Transfers	Approved
September	Professional Services	10-050-001-6405	38,500.00	(3,100.00)	35,400.00	Police Transfers	Approved
September	Ammunition and Firearms	10-050-001-6291	75,000.00	3,800.00	78,800.00	Police Transfers	Approved
September	Police Explorer Program	10-050-001-6543	7,000.00	(3,800.00)	3,200.00	Police Transfers	Approved
September	Crime Prevention	10-050-001-6542	24,000.00	2,700.00	26,700.00	Police Transfers	Approved
September	Police Explorer Program	10-050-001-6543	3,200.00	(2,700.00)	500.00	Police Transfers	Approved
Payment for field training software not budgeted in FY2023; Payment for Tasers from FY 2022 Contract not budgeted in FY23; and purchase of material for crime prevention event							

Note: Transfers within a department can be approved by the City Manager and reported to Council. Reports occur monthly as a part of Monthly Financial Statements

FY 2023 Purchase Order Report > \$50,000



Blanket or CC	PO DATE	PO Number	Vendor Name	Description	Account Number	PO Amount	Encumbrance	Amount Spent to Date	Remaining PO Amt	Budget Amount	Remaining Budget	Status	Note
City Council	2/14/2023	23-0145	Freese and Nichols, Inc.	Frame Switch Pump Station 3MG GST	57-040-058-6679	\$532,653	\$7,323,012	2,262,790.00	377,673.00	\$9,710,000	124,198	PO Issued	
City Council	2/14/2023	23-0144	Garver LLC	Staff Augmentation	10-040-023-6405	\$300,000	-\$3,600	570,221.00	138,324.00	\$750,000	183,379	PO Issued	
City Council	2/10/2023	23-0141	Freese and Nichols, Inc.	Jonah Interconnect	57-040-058-6683	\$640,920	\$0	0.00	540,191.00	\$850,000	850,000	PO Issued	
City Council	1/30/2023	23-0139	Garver LLC	South WWTP Expansion	57-040-058-6670	\$1,284,756	\$1,033,027	336,923.00	959,587.00	\$1,369,951	1	PO Issued	
City Council	2/10/2023	23-0137	Hutto Resource Center	FY 23 Outside Agency Funding	10-010-002-6561	\$55,000	\$65,000	40,000.00	27,500.00	\$139,789	34,789	PO Issued	
City Council	2/10/2023	23-0136	DCS Engineering LLC	Frame Switch Shiloh Noack	57-040-058-6678	\$310,640	\$132,916	403,525.00	310,640.00	\$5,000,000	4,463,559	PO Issued	
City Council	10/11/2022	23-0120	Illinois Tool Works	Trailer	50-040-058-6664	\$85,495	\$0	88,485.00	0.00	\$88,485	0	PO Issued	
City Council	1/23/2023	23-0119	RDO Trust #80-5800	Backhoe	50-040-058-6665	\$145,235	\$145,235	0.00	145,235.00	\$145,235	0	PO Issued	
Blanket	1/23/2023	23-0117	Tyler Technologies Inc	Tyler Incode Annual Renewals	10-050-001-6412	\$109,422	\$3,821	49,903.27	0.00	\$57,500	3,775	PO Issued	
City Council	1/23/2023	23-0116	CP&Y, Inc.	CR 132 12" & 30 INCH WATERLINES	57-040-058-6684	\$136,483	\$136,483	34,877.00	101,605.73	\$900,000	728,640	PO Issued	
City Council	1/23/2023	23-0116	CP&Y, Inc.	Megasite- PH 1 Wtrlines	57-040-058-6686	\$196,715	\$196,715	50,268.00	146,446.55	\$400,000	153,017	PO Issued	
City Council	1/23/2023	23-0116	CP&Y, Inc.	Highway 79 42" Waterline (801 PP)	57-040-058-6682	\$307,567	\$493,802	310,703.00	0.00	\$5,767,500	4,962,995	PO Issued	
City Council	1/10/2023	23-0114	K Friese & Associates	Megasite WW Improvements	57-040-058-6672	\$1,180,390	\$714,890	465,500.00	639,890.00	\$4,002,176	2,821,786	PO Issued	
City Council	1/9/2023	23-0095	Williamson Central Appraisal District	FY 23 WCAD Fees	10-020-001-6443	\$89,536	\$44,768	44,768.00	\$89,536	\$89,536	0	PO Issued	
Blanket	1/9/2023	23-0094	UNITY CONTRACTOR SERVICES, INC	mowing contract	10-040-060-6405	\$293,731	\$88,177	205,553.00	124,514.00	\$293,760	30	PO Issued	
Blanket	12/22/2022	23-0080	HAWKINS INC	Chemicals for Shiloh	50-040-058-6232	\$90,000	\$149,359	97,715.00	63,344.00	\$250,000	2,926	PO Issued	
City Council	12/14/2022	23-0067	Garver LLC	CR 137 Improvements	12-040-060-6652	\$743,307	\$532,819	210,487.00	532,819.00	\$776,000	32,694	PO Issued	
City Council	12/14/2022	23-0066	K Friese & Associates	Megasite E-W Spine Road	12-040-060-6650	\$750,104	\$619,161	130,942.00	619,161.00	\$2,120,000	1,369,897	PO Issued	
City Council	12/14/2022	23-0065	HNTB Corporation	FM 1660 North Right Turn Lane CPS	60-040-060-6559	\$87,402	\$0	137,911.00	76,322.00	\$646,610	508,699	PO Issued	
City Council	12/14/2022	23-0063	Garver LLC	UV Study	57-040-058-6669	\$276,920	\$175,329	101,591.00	175,328.00	\$1,390,400	1,113,480	PO Issued	
City Council	11/29/2022	23-0051	Brazos River Authority	Operations & Maintenance of treatment plants	50-040-058-6456	\$2,250,000	\$1,312,469	937,530.00	937,457.00	\$2,250,000	1	PO Issued	
City Council	11/29/2022	23-0050	City of Taylor	Water purchased from City of Taylor	50-040-058-6451	\$500,000	\$307,407	192,592.00	307,407.00	\$500,000	1	PO Issued	
City Council	11/29/2022	23-0049	Manville Water Supply Corp.	water purchased from Manville	50-040-058-6452	\$425,000	\$140,743	284,256.00	140,743.00	\$425,000	1	PO Issued	
City Council	11/29/2022	23-0044	Williamson County and Cities Health	FY 23 Funding	10-010-002-6606	\$72,509	\$18,127	54,381.00	18,127.00	\$72,509	1	PO Issued	
City Council	11/29/2022	23-0042	Recharge Water, LP	Well Payments - Recharge	50-040-058-6454	\$68,000	\$81,759	117,726	35,163	200,000	515	PO Issued	
Blanket	11/29/2022	23-0040	AI Clawson Inc.	Solid Waste Residential Contract	70-080-010-6461	\$1,863,750	\$903,893	1,256,776	769,421	2,160,670	1	PO Issued	
Blanket	10/18/2022	23-0011	Unity Contractor Services, Inc	mowing contract	10-090-039-6405	\$217,200	\$37,699	208,951	96,935	238,000	-8,650	PO Issued	Footnote 1
City Council	10/13/2022	23-0009	Freese and Nichols, Inc.	Comp plan	10-030-021-6405	\$250,000	\$20,948	445,831	0	860,000	393,221	PO Issued	
Blanket	10/13/2022	23-0006	Eileen Merritt Inc.	3rd party inspections	10-030-021-6405	\$100,000	\$20,948	445,831	0	860,000	393,221	PO Issued	
Blanket	2/22/2023	23-0152	SecureVision of America, Inc.	Water Meters	50-020-010-6216	\$110,000	\$107,974	29,105	110,000	149,299	12,220	PO Issued	
Blanket	2/22/2023	23-0151	Tyler Technologies Inc	Tyler UB Credit Card Payment Fees	50-020-010-6505	\$110,000	\$62,782	213,135	58,020	300,000	24,083	PO Issued	
Blanket	2/22/2023	23-0157	Brenntag Southwest Inc.	Chemicals	50-040-058-6232	\$70,000	\$149,359	97,715	53,761	250,000	2,926	PO Issued	
Blanket	2/22/2023	23-0158	Cavallo Energy Texas LLC	Cavallo Energy Texas LL - Utility Payments	10-040-060-6521		\$8,522	8,082		20,000	3,396	PO Issued	
		23-0158	Cavallo Energy Texas LLC	Cavallo Energy Texas LL - Utility Payments	10-040-060-6522		\$18,272	164,000		200,000	17,728	PO Issued	
Blanket	2/22/2023	23-0158	Cavallo Energy Texas LLC	Cavallo Energy Texas LL - Utility Payments	10-050-001-6521		\$5,905	12,949		20,000	1,146	PO Issued	
		23-0158	Cavallo Energy Texas LLC	Cavallo Energy Texas LL - Utility Payments	10-090-039-6521		\$14,516	26,652		40,000	-1,168	PO Issued	Footnote 1
Blanket	2/22/2023	23-0158	Cavallo Energy Texas LLC	Cavallo Energy Texas LL - Utility Payments	10-100-000-6521		\$10,022	31,324		45,000	3,654	PO Issued	
Blanket	2/22/2023	23-0158	Cavallo Energy Texas LLC	Cavallo Energy Texas LL - Utility Payments	50-040-058-6521		\$3,302	309,890		351,000	37,808	PO Issued	

FY 2023 Purchase Order Report > \$50,000



Blanket or CC	PO DATE	PO Number	Vendor Name	Description	Account Number	PO Amount	Encumbrance	Amount Spent to Date	Remaining PO Amt	Budget Amount	Remaining Budget	Status	Note
Blanket	2/22/2023	23-0159	Centurylink	Internet Services	10-060-030-6413	\$70,000	\$130,913	111,150	41,409	250,000	7,937	PO Issued	
Blanket	2/22/2023	23-0155	Verizon Wireless	Verizon Wireless Services	10-060-030-6413	\$113,000	\$130,913	111,150	83,407	250,000	7,937	PO Issued	
Blanket	2/22/2023	23-0154	Bo Ex Ventures, LLC	Managed IT Services Renewal	10-060-030-6405	\$53,000	\$12,960	80,587	27,939	175,000	81,453	PO Issued	
Blanket	2/22/2023	23-0150	Republic Meter Inc	Endpoints / AMI System	50-020-010-6207	\$60,000	\$26,162	48,837	26,162	75,000	1	PO Issued	
Blanket	2/22/2023	23-0149	DataProse LLC	Utility Bill Postage	50-020-010-6504	\$66,000	\$24,157	18,864	41,413	48,000	4,979	PO Issued	
Blanket	2/22/2023	23-0149	DataProse LLC	Utility Bill other contracts	50-020-010-6499	\$66,000	-\$3,499	5,460	23,050	25,000	23,039	PO Issued	
City Council	2/22/2023	23-0148	T. Morales Company Elec	Frameswitch Emergency Generators Purchasing	57-040-058-6677	\$438,950	\$1,275,547	9,580	429,370	1,290,000	4,873	PO Issued	
City Council	2/22/2023	23-0156	Pump Solutions, Inc.	Frameswitch Pump Improvements	57-040-058-6677	\$846,177	\$1,275,547	9,580	846,177	1,290,000	4,873	PO Issued	
City Council	3/7/2023	23-0172	Garver LLC	South WWTP CMAR	57-040-058-6670	\$85,195	\$1,033,027	336,923	73,440	1,369,950	0	PO Issued	
City Council	3/7/2023	23-0173	Freese and Nichols, Inc.	Elevated Storage Tank	50-040-001-6405	\$60,560	\$120,560	10,000	60,560	400,000	269,440	PO Issued	
City Council	3/7/2023	23-0174	Freese and Nichols, Inc.	Lakeside Estates Sidewalks Phase 2	10-040-060-6655	\$85,220	\$73,740	535,061	85,220	1,525,000	916,199	PO Issued	
City Council	3/7/2023	23-0175	Eileen Merritt Inc.	3rd party inspections	10-030-021-6405	\$50,000	\$22,088	444,691	10,965	860,000	393,221	PO Issued	
City Council	3/15/2023	23-0179	Gattis Law Firm	Teichelmann Easements	57-040-058-6678	\$191,593	\$332,945	202,397	0	5,000,000	4,464,658	PO Issued	
City Council	3/15/2023	23-0180	Independence Title	FM 1660 N at US 79	12-040-060-6659	\$112,929	\$0	137,911	0	646,610	508,699	PO Issued	
City Council	3/15/2023	23-0181	Dig Dug Construction LLC	Concrete Repair Creekside	10-090-039-6608	\$84,823	\$25,091	84,823	0	238,000	128,086	PO Issued	
City Council	3/15/2023	23-0182	DCS Engineering LLC	Glenwood Lift Station	57-040-058-6667	\$832,110	\$832,110	4,700	832,110	4,310,240	3,473,430	PO Issued	
City Council	3/15/2023	23-0184	K Friese & Associates	Plan Reviews	10-040-023-6404	\$372,745	\$322,830	49,915	322,830	372,745	0	PO Issued	
City Council	3/27/2023	23-0204	GAR Broadcasting LLC	Kokefest	10-060-025-6209	\$350,000	\$64,000	186,000	164,000	250,000	0	PO Issued	
City Council	3/19/2023	23-0203	CTC Disaster Response	Tree Limb Removal	70-080-010-6461	\$250,000	\$943,286	1,217,383	131,988	2,160,670	1	PO Issued	
City Council	4/4/2023	23-0202	JER HR Group	Compensation Study 2023	10-010-004-6405	\$54,100	\$52,208	49,693	40,575	107,294	5,393	PO Issued	
City Council	4/25/2023	23-0218	PBS of Texas	Janitorial Services	10-090-051-6409	\$81,000	\$81,000	0	42,600	95,000	14,000	PO Issued	
City Council	4/25/2023	23-0219	Freese and Nichols, Inc.	Water System Analysis and master plan	52-040-061-6405	\$51,830	-\$54,113	54,113	51,830	0	0	PO Issued	
City Council	4/25/2023	23-0221	Garver LLC	CR 132 Overpass at US 79	12-040-060-6653	\$927,920	\$927,920	0	927,920	1,700,000	772,080	PO Issued	
City Council	4/26/2023	23--0223	Williamson County	Animal shelter	10-050-001-6472	\$95,439	\$95,439	2,265	0	135,000	37,296	PO Issued	
City Council	5/11/2023	23-0230	Austin Truck and Equipment	Dump Truck	50-040-058-6666	\$116,874	\$116,874	0	116,874	116,874	0	PO Issued	
City Council	5/11/2023	23-0231	Garver LLC	Periodic WW nodal update	50-040-001-6404	\$70,485	\$138,045	0	70,485	150,000	11,955	PO Issued	
City Council	5/11/2023	23-0232	Freese and Nichols, Inc.	Water model updates	50-040-001-6404	\$67,560	\$138,045	0	67,560	150,000	11,955	PO Issued	
City Council	5/11/2023	23-0233	Freese and Nichols, Inc.	Water SER blanket PO	50-040-001-6405	\$55,300	\$331,140	10,000	55,300	400,000	58,860	PO Issued	
City Council	5/11/2023	23-0236	Hejii, Lee & Associates	Project 11235 live oak street	10-040-060-6650	\$384,397	\$345,970	44,228	384,397	1,675,000	1,284,802	PO Issued	
City Council	5/11/2023	23-0237	Garver LLC	Wastewater Service Extension	50-040-001-6405	\$155,280	\$331,140	10,000	155,280	400,000	58,860	PO Issued	
City Council	5/23/2023	23-0243	C. C Carlton Industries Ltd	transmission pump station	57-040-058-6694	\$1,798,943.00	\$1,474,991	323,951	1,405,115	2,139,945	341,003	PO Issued	
City Council	5/23/2023	23-0245	Eileen Merritt Inc.	3rd party inspections	10-030-021-6405	\$70,000.00	\$60,078	478,791	41,340	1,010,000	471,131	PO Issued	
City Council	6/15/2023	23-0258	HNTB Corporation	FY19 Transportation bond	12-040-060-6659	\$996,461	\$1,603,880	143,856	996,461	1,845,606	97,870	PO Issued	
City Council	6/15/2023	23-0258	HNTB Corporation	FY19 Transportation bond	12-040-060-6662	\$77,300	\$43,844	219,751	77,300	117,600	-145,995	PO Issued	Footnote 2
City Council	6/15/2023	23-0259	T. Morales Company	Pre purchase Emergency Generators	57-040-058-6667	\$337,170	\$1,169,280	4,700	0	4,310,240	3,136,260	PO Issued	
City Council	7/3/2023	23-0269	AGH2O Holdings	Decking Replacement bridge	10-090-039-6608	\$75,977	\$101,068	84,823	75,977	238,000	52,109	PO Issued	
City Council	7/21/2023	23-0284	Aaron Concrete Contractors	FM 1660 at 79	12-040-060-6659	\$637,042	\$1,603,880	143,857	558,800	1,845,606	97,869	PO Issued	
City Council	7/26/2023	23-0295	Brother's RDC Paving	Mager and CR133	10-040-060-6650	\$260,500	\$592,301	0	260,500	1,675,000	1,082,699	PO Issued	
City Council	8/14/2023	23-0306	CP&Y, Inc.	SE Loop Wastewater Interceptor	57-040-058-6697	\$317,716	\$164,411	153,304.90	164,411	317,716	0	PO Issued	
City Council	8/14/2023	23-0310	Garver LLC	South WWTP Final Design and Bidding to 6 MGD	57-040-058-6675	\$14,005,749	\$12,124,836	1,880,913.12	10,243,923	6,695,000	-7,310,749	PO Issued	Footnote 3
City Council	8/28/2023	23-0317	Associated Construction Partners	Frameswitch 20 Mgd Pumping Station	57-040-058-6679	\$17,405,703	\$8,263,152	6,143,181.45	11,587,429	9,710,000	-4,696,334	PO Issued	Footnote 3
City Council	8/25/2023	23-0325	Nyle Maxwell of Taylor, LLC	Special Investigations Unit Fleet Vehicles	10-050-001-6602	\$90,000	\$42,448	142,327.39	21,413	\$300,000	115,225	PO Issued	
City Council	8/22/2023	23-0326	Freese and Nichols, Inc.	UDC and Engineering Manual Update	10-030-021-6405	\$699,607	\$726,422	576,531.56	699,607	\$1,010,000	-292,954	PO Issued	Footnote 3
City Council	9/21/2023	23-0338	Recharge Water, LP	Water Reservation	50-040-058-6458	\$896,500	\$0	896,500	0	1,771,000	874,500	PO Issued	
City Council	9/21/2023	23-0337	Romco, Inc	Romco Motor grader	10-040-060-6650	\$239,667	\$0	239,667	0	1,675,000	713,320	PO Issued	
City Council	9/19/2023	23-0346	Burditt Consultants, LLC	Planning and design of Fritz park	40-060-131-6611	\$1,247,771	\$0	57,794.58	1,189,976	\$0	-1,247,771	PO Issued	Footnote 3
General Note: For amounts in red, the account is overspent. These accounts will be corrected via inter department transfer (approved at CM level)													
Incode internal control to prohibit requisition entry without budget has been activated.													
Footnote 1: Options for an budget transfer are being reviewed.													
Footnote 2: Project exceeds the original budget. Finance certifies that funding exists from remaining funds in the 2022 GO Transportatin Bond.													
Footnote 3: Purchase order issued for entire amount of contract. Contract expected to span multiple fiscal years													

Capital Improvement Plan Summary



	PRIOR YEARS	FY 2023	FY 2024	FY 2025	FUTURE	Total
Transportation and Drainage	\$5,903,269	\$15,460,610	\$30,359,730	\$21,188,350	\$43,696,548	\$110,705,238

	PRIOR YEARS	FY 2023	FY 2024	FY 2025	FY 2027	Total
Wastewater	\$0	\$17,603,702	\$54,308,216	\$50,492,920	\$77,277,995	\$199,682,833
<u>Water</u>	<u>\$0</u>	<u>\$36,322,974</u>	<u>\$39,096,265</u>	<u>\$16,238,215</u>	<u>\$15,699,220</u>	<u>\$107,356,674</u>
Total Utility	\$0	\$53,926,676	\$93,404,481	\$66,731,135	\$92,977,215	\$307,039,507

Funding Sources:

Water Wastewater Fund 55 Remaining 2019 Certificates of Obligation Bonds	\$5,000,000
ARPA Funds	\$6,500,000
County ARPA Funds	\$10,000,000
Water Wastewater 2022 Certificates of Obligation Bonds	\$51,608,293
Street 2022 General Obligation Bonds	\$22,520,440
Street 2023 General Obligation Bonds	<u>\$12,000,000</u>
Total	<u>\$107,628,733</u>

Transportation & Drainage Financials as of 9/30/23



Hutto Project #	ACCOUNT	Project	Prior Years	FY2023 BUDGET	PO AMOUNT	FY 2023 ACTUAL EXP YTD	FY 2023 BUDGET REMAINING	Remaining Encumbrances	FY 2024	FY 2025	FUTURE	Total Estimated Project Cost
T1	12-040-060-6659	FM 1660 North at US 79	3,612,884	\$1,845,606	836,216	559,196	1,009,390	277,020	\$25,000	\$0	\$0	\$1,870,606
T2	12-040-060-6569	FM 1660 at Limmer Loop		\$4,175,404	76,322	1,441,202	2,657,879	-	\$1,750,600	\$315,100	\$0	\$6,241,104
T3	12-040-060-6662	FM 1660 South at US 79		\$117,600	228,841	223,295	(111,241)	12,782	\$3,121,630	\$477,000	\$0	\$3,716,230
T4	12-040-060-6652	CR 137 from FM 1660 to Brushy Creek	0.00	\$776,000	743,307	391,528	32,693	351,779	\$3,150,000	\$1,050,000	\$0	\$4,976,000
T5	10-040-060-6655	Lakeside Estates Sidewalks	680,686	\$975,000	685,242	41,798	289,759	643,444	\$1,000,000	\$1,000,000	\$187,010	\$3,162,010
T6	12-040-060-6653	CR 132 Overpass at US 79	1,106,514	\$1,700,000	927,920	323,932	772,080	603,988	\$2,800,000	\$8,500,000	\$32,200,000	\$45,200,000
T7	12-040-060-6650	Megasite East - West Arterial	0.00	\$2,120,000	1,239,275	623,707	880,725	615,568	\$9,100,000	\$5,300,000	\$250,000	\$16,770,000
T8	12-040-060-6651	Megasite North - South Arterial	0.00	\$0	-	-	-	-	\$6,100,000	\$1,110,000	\$250,000	\$7,460,000
T9	10-040-060-6650	Live Oak Street Pavement Reconstruction	503,185	\$1,055,000	384,397	47,725	670,603	336,672	\$0	\$0	\$0	\$1,055,000
T10	12-040-060-6658	Ed Schmidt - Safety and Operational Improvements	0.00	\$100,000	46,418	24,659	53,582	21,760	\$667,000	\$0	\$0	\$767,000
T11	12-040-060-6657	Traffic Signal - Innovation at Limmer Loop	0.00	\$0	-	-	-	-	\$564,250	\$0	\$0	\$564,250
T12	12-040-060-6656	Legends of Hutto Drainage Channel Improvements	0.00	\$0	-	-	-	-	\$156,250	\$968,750	\$0	\$1,125,000
T13	12-040-060-6654	CR 199 Repairs	0.00	\$246,000	20,338	-	225,662	20,338	\$0	\$0	\$0	\$246,000
T14		Drainage Master Plan Update	0.00	\$0	-	-	-	-	\$0	\$350,000	\$0	\$350,000
T15		Interlocal with County for FM3349 Turnlane onto E-W Spine	0.00	\$600,000	-	-	600,000	-	\$0	\$0	\$0	\$600,000
		Drainage Maintenance		\$200,000	-	-	200,000	-	\$220,000	\$242,000	\$1,235,434	\$1,897,434
		Sidewalk Maintenance		\$1,000,000	-	-	1,000,000	-	\$1,100,000	\$1,210,000	\$6,176,661	\$9,486,661
		Street Maintenance Plan		\$550,000	-	-	550,000	-	\$605,000	\$665,500	\$3,397,443	\$5,217,943
		Priority Transportation & Drainage Projects Subtotals:	\$5,903,269	\$15,460,610	\$5,188,277	\$3,677,042	\$8,831,131	\$2,883,350	\$30,359,730	\$21,188,350	\$43,696,548	\$110,705,238

Water Projects Financials as of 9/30/23



Hutto Project #	Priority	Funding	Account	Project	Prior Years	FY2023 BUDGET	PO AMOUNT	FY 2023 ACTUAL EXP YTD	FY 2023 BUDGET REMAINING	Remaining Encumbrances	FY2024	FY2025	Future	Total Est. Project Costs
W1	1	2022 CO	57-040-058-6677	Frameswitch Pump Station Improvements	0.00	\$1,290,000	\$1,285,127	\$263,434	\$4,873	\$1,021,693	\$0	\$0	\$121,500	\$1,411,500
W2	1	2022 CO	57-040-058-6678	Shiloh and Noack Pump Station Improvements	0.00	\$5,000,000	\$9,851,187	\$1,733,025	-\$4,851,187	\$8,120,889	\$5,108,600	\$0	\$247,000	\$10,355,600
W3	1	2022 CO	57-040-058-6679	Frameswitch 3.5 MG GST #2	0.00	\$9,710,000	\$17,818,462	\$6,135,562	-\$8,108,462	\$11,682,900	\$9,094,000	\$0	\$250,000	\$19,054,000
W4	1	2022 CO	57-040-058-6680	Hutto NW Transmission Water Lines	0.00	\$7,019,155	\$640,192	\$362,983	\$6,378,963	\$277,209	\$9,281,000	\$0	\$210,000	\$16,510,155
W5	1	2022 CO	57-040-058-6696	Jonah 1.0 MGD Supply & Emergency 8" Interconnect - Pumping and Supply Improvements	0.00	-	-	-	-	\$0	-	-	-	\$0
W16	1	2022 CO	57-040-058-6682	Megasite - Phase 1 Waterlines (HI 79 42" Waterline 801PP)	0.00	\$5,767,500	\$737,927	\$687,490	\$5,029,573	\$50,438	\$4,345,550	\$1,009,020	\$2,100,000	\$13,222,070
W8	2	2022 CO	57-040-058-6683	Emergency Interconnect - 16" Waterline with Wholesale Provider	0.00	\$850,000	\$0	\$0	\$850,000	\$0	\$3,500,000	\$2,744,400	\$0	\$7,094,400
W9	3	2022 CO	57-040-058-6685	Water Master Plan	0.00	\$298,448	\$298,448	\$0	\$0	\$298,448	\$0	\$0	\$0	\$298,448
W11	2	2022 CO	57-040-058-6687	FM 1660 16" & 20" Waterlines (801 PP) - Phase I	0.00	\$900,000	\$0	\$0	\$900,000	\$0	\$143,715	\$0	\$150,000	\$1,193,715
W12	3	2022 CO	57-040-058-6688	New 2.0-MG 801' Elevated Storage Tank	0.00	\$60,560	\$60,560	\$22,453	\$0	\$38,107	\$0	\$5,127,840	\$11,964,960	\$17,092,800
W13	3	2022 CO	57-040-058-6689	Additional Simsboro Wells No. 13, 14, and 15	0.00	\$550,000	\$0	\$0	\$550,000	\$0	\$3,750,000	\$3,507,455	\$0	\$7,807,455
W14	3	2022 CO	57-040-058-6690	CR 132 12" & 30" Waterline (801' PP) - Phase II	0.00	\$715,000	\$0	\$0	\$715,000	\$0	\$3,500,000	\$1,749,500	\$0	\$5,964,500
W15	3	2022 CO	57-040-058-6693	Megasite - Phase II Waterlines	0.00	\$0	\$0	\$0	\$0	\$0	\$373,400	\$2,100,000	\$655,760	\$3,129,160
W17	1	2022 CO	57-040-058-6694	Transmission Water Line US79**	0.00	\$2,139,945	\$5,097,859	\$1,693,265	-\$2,957,914	\$3,404,594	\$0			\$2,139,945
W18	1	ARPA	65-040-023-6698	Southeast Loop (FM 3349) Waterline County Project	0.00	\$2,022,366	\$0	\$0	\$2,022,366	\$0				\$2,022,366
Priority Water Projects Subtotals:					\$0	\$36,322,974	\$35,789,762	\$10,898,212	\$533,212	\$24,894,278	\$39,096,265	\$16,238,215	\$15,699,220	\$107,296,114

Wastewater Projects Financials as of 9/30/23



Hutto Project #	Priority	FUNDING		Project	Prior Years	FY2023 BUDGET	PO AMOUNT	FY 2023 ACTUAL EXP YTD	FY 2023 BUDGET REMAINING	Remaining Encumbrances	FY 2024	FY 2025	FUTURE	Total Est. Project Costs
WW01	1	2022 CO	57-040-058-6667	Glenwood LS Decommissioning, Construct 33" Interceptor, and Two New WWTP Lift Stations	0.00	\$3,135,107	\$1,169,280	\$4,700	\$1,965,827	\$1,169,280	\$4,626,240	\$2,313,120	\$316,000	\$10,390,467
WW02	1	2022 CO	57-040-058-6668	South WWTP Capacity Rerate Study	0.00	\$47,472	\$47,472	\$46,865	\$0	\$607	\$0	\$0	\$0	\$47,472
WW03	1	2022 CO	57-040-058-6669	South WWTP UV System Upgrade	0.00	\$1,390,400	\$276,920	\$162,657	\$1,113,480	\$114,263	\$0	\$0	\$189,600	\$1,580,000
WW04	1	2022 CO	57-040-058-6670	South WWTP Expansion from 2.3 to 6 MGD, PER, 30% Design	0.00	\$1,369,951	\$1,369,951	\$1,366,888	\$0	\$3,063	\$0	\$0	\$257,500	\$1,627,451
WW05	3	2022 CO	57-040-058-6675	South WWTP Final Design and Bidding for expansion to 6 MGD	0.00	\$6,695,000	\$14,005,749	\$1,880,913	-\$7,310,749	\$12,124,836	\$0	\$0	\$0	\$6,695,000
WW06	3	2022 CO	57-040-058-6676	South WWTP Construction of 6 MGD expansion	0.00	\$0	\$0	\$0	\$0	\$0	\$39,900,000	\$39,900,000	\$39,900,000	\$119,700,000
WW07	1	2022 CO	57-040-058-6672	Megasite Wastewater Lines	0.00	\$4,002,176	\$1,180,390	\$905,130	\$2,821,786	\$275,261	\$6,552,576	\$4,550,400	\$675,635	\$15,780,787
WW08	2	2022 CO	57-040-058-6673	MEGASITE West: South Cottonwood Creek Interceptor Ph 2	0.00	\$318,528	\$0	\$0	\$318,528	\$0	\$1,592,640	\$1,592,640	\$0	\$3,503,808
WW10	3	2022 CO	57-040-058-6674	Brushy Creek Interceptor Phase III (Cost Participation)	0.00	\$327,352	\$0	\$0	\$327,352	\$0	\$1,636,760	\$1,636,760	\$1,636,760	\$5,237,632
WW11	1	2022 CO	57-040-058-6697	Southeast Loop Wastewater Interceptor	0.00	\$317,716	\$317,716	\$182,357	\$0	\$135,359	\$0	\$0	\$0	\$317,716
				Central WWT Expansion from 0.990MGD to 3.25MGD	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,902,500	\$12,902,500
				Brushy Creek Interceptor - Phase IV	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$19,500,000	\$20,000,000
				Cottonwood Creek Wastewater Interceptor Extension	0.00	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,900,000	\$1,900,000
Priority Wastewater Projects Subtotals:					\$0	\$17,603,702	\$18,367,478	\$4,549,510	-\$763,776	\$13,822,668	\$54,308,216	\$50,492,920	\$77,277,995	\$199,682,833

AGENDA ITEM REPORT

11.12.



To: City Council
Subject: Consideration and possible action on Resolution No. R-2023-272 approving the Annual Investment Policy for the City of Hutto (Christina Bishop)
Meeting: Thursday, October 19, 2023
Department: Finance /
Staff Contact:

BACKGROUND INFORMATION:

An annual review of the Investment Policy is required by state law. The City's investment officers have reviewed the current investment policy and have no changes to propose.

SUMMARY OF REQUEST:

Staff requests approval of the Investment Policy as presented

STAFF REVIEW:

Staff has reviewed the existing policy and has recommended no changes

FISCAL NOTES:

No fiscal impact

ATTACHMENTS:

1. RESOLUTION NO - Investment Policy
2. Proposed Investment Policy

RESOLUTION NO. R-2023-

**A RESOLUTION OF THE CITY OF HUTTO, TEXAS,
ADOPTING THE INVESTMENT POLICY DATED
OCTOBER 19, 2023; PROVIDING AN EFFECTIVE
DATE; AND PROVIDING PROPER NOTICE & MEETING.**

WHEREAS, the Public Funds Investment Act, Chapter 2256 of the Texas Government Code (the “Act”), requires that cities adopt an investment policy and review it annually; and

WHEREAS, the City of Hutto last reviewed its policy on November 17, 2022; and

WHEREAS, the City Council wishes to amend its policy to align with the Act by adopting as the Investment Policy of the City of Hutto the policy attached hereto as Exhibit A (the “Investment Policy”); and

WHEREAS, the Investment Policy applies to all investment activities of the City of Hutto, and to all assets of all funds of the City of Hutto at the present time and any funds received in the future.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS:

SECTION 1: The findings set forth in the recitals of this Resolution are hereby found to be true and correct and hereby adopted as findings of the City Council and are incorporated into the body of this Resolution as if fully set forth herein.

SECTION 2: The Hutto City Council hereby approves and adopts the amended Investment Policy, attached as Exhibit A, a copy of the same being attached hereto and incorporated herein for all purposes.

SECTION 3: This resolution shall become effective and be in full force and effect from and after the date of passage and adoption by the City Council, and upon approval, thereof, as prescribed by law.

SECTION 4: The City Council hereby finds and declares that written notice of the date, hour, place, and subject of the meeting at which this Resolution was adopted was posted and that such meeting was open to the public as required by law at all times during which this Resolution and the subject matter hereof were discussed, considered and formally acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

RESOLVED this 19th day of October, 2023.

PASSED & APPROVED by the CITY COUNCIL of the CITY OF HUTTO, on the 12th day of October 2023 on vote of ___AYES; ___NAYS; ___ABSTENTIONS.

CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary

EXHIBIT “A”

INVESTMENT POLICY THE CITY OF HUTTO, TEXAS

October 19, 2023

INVESTMENT POLICY OF THE CITY OF HUTTO TEXAS

October 19, 2023

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INVESTMENT POLICY OF THE CITY OF HUTTO TEXAS

October 19, 2023

I. PURPOSE

A. Formal Adoption

This investment policy, when reviewed and adopted by the City Council of Hutto, on October 19, 2022 will replace the adopted Investment Policy dated the 17th of November, 2022. This Investment Policy satisfies the statutory requirements of the Public Funds Investment Act (Chapter 2256, Texas Government Code) (the “Act”).

B. Scope

This Investment Policy applies to all investment activities of the City of Hutto (the “City”) as carried out by the Investment Officers (defined in the Policy under “INVESTMENT POLICIES” Section IV (D) 1) and directed City staff, and to all assets of all funds of the City at the present time and any funds received in the future, *excluding the Employee Retirement Trust and the deferred compensation plan*. Any funds held in custody by the City shall be administered in accordance with the provisions of these policies unless expressly prohibited by law. This Policy establishes guidelines for those who can invest City funds, for how City funds will be invested, and for when and how a periodic review of investments will be made. In addition to this Policy, bond funds (as defined by the Internal Revenue Service) shall be managed by their governing resolution and all applicable State and Federal law.

II. INVESTMENT OBJECTIVES

A. Safety of Principal

The primary objective of all investment activity is the preservation of capital and the safety of principal in the overall portfolio. Each investment transaction shall seek to ensure first that capital losses are avoided, whether they are from defaults or erosion of market value.

B. Maintenance of Adequate Liquidity

The investment portfolio will remain sufficiently liquid to meet the cash flow requirements that might be reasonably anticipated. Liquidity shall be achieved by matching investment maturities with forecasted cash flow requirements, investing in securities with active secondary markets, and maintaining appropriate portfolio diversification.

C. Diversification

The City will seek to diversify its portfolio, as appropriate. This will be done to manage the risk of loss resulting from overconcentration of assets in a specific maturity, a specific issuer, or a specific class of investments. Investments of the City shall always be selected to provide for safety of principal and reasonable liquidity.

D. Yield

The investment portfolio shall be designed with the objective of attaining a market rate of return throughout budgetary and economic cycles, taking into account the investment risk constraints and

liquidity needs. Return on investment is of secondary importance compared to safety and liquidity.

E. Maturity

Portfolio maturities will be staggered, if market conditions are favorable, in a way to achieve an optimal rate of return, while at the same time to provide for the necessary liquidity to meet the City's cash needs. The maximum allowable stated final maturity of any individual investment owned by the City will be five years. [Sec. 2256.005 (b) (4) (B)]

F. Liquidation or Redemption before Maturity

The Investment Officers may liquidate or redeem an investment before maturity if:

- Market conditions present an opportunity for the City to benefit from the sale or redemption;
 - Funds are urgently needed to meet unforeseen expenses, even if there is a loss of interest and/or principal due to the sale; or
 - A security has lost its minimum required rating as an authorized investment.
- [Sec. 2256.021]

G. Quality and Capability of Investment Management

It is the City's policy to provide training required by the Public Funds Investment Act, Sec. 2256.008 and periodic training in investments for the Investment Officers through courses and seminars offered by professional organizations and associations in order to ensure the quality and capability of the City's Investment Officers in making investment decisions.

III. INVESTMENT STRATEGY

A. General

In conjunction with the annual Policy review, the City Council shall review the investment strategy for each of the City's funds. The investment strategy must describe the investment objectives for each particular fund according to the following priorities:

- investment suitability,
- preservation and safety of principal,
- liquidity,
- marketability prior to maturity of each investment,
- diversification, and
- yield

In order to minimize risk of loss due to interest rate fluctuations, investment maturities will not exceed the anticipated cash flow requirements of the funds.

B. Investment Strategies and Guidelines by Fund Type

Investment guidelines by fund-type are as follows:

1. Current Operating Funds

Current operating funds require the greatest short-term liquidity of any of the fund types. Therefore, diversified investment maturities shall provide monthly cash flow based on the anticipated operating needs of the City. Financial institution deposits, short-term investment pools, and money market mutual funds shall provide daily liquidity and may be utilized as a competitive yield alternative to fixed maturity investment. Additionally, securities should have active and efficient secondary markets in the event of an unanticipated cash requirement.

According to City Policy, the weighted average days to maturity for the current operating fund portfolio shall not exceed 270 days and the maximum allowable maturity shall be two years. The Investment Officers will monitor average days to maturity and make portfolio changes as appropriate.

2. Bond Proceeds

Bond proceeds used for construction programs have reasonably predictable drawdown schedules. Therefore, investment maturities shall generally follow the anticipated cash flow requirements. Because of the potential for variance from the anticipated drawdown schedule and actual expenditures, securities shall have active and efficient secondary markets. Financial institution deposits, investment pools, and money market mutual funds shall provide readily available funds generally equal to or greater than one month's anticipated cash flow needs, or a competitive yield alternative for short-term fixed maturity investments. A singular repurchase agreement may be utilized if disbursements are allowed in the amount necessary to satisfy any expenditure request. This investment structure is commonly referred to as a flexible repurchase agreement.

Market conditions and the arbitrage regulations may influence the attractiveness of locking in fixed-rate investments for bond proceeds. Generally, if investment rates exceed the applicable arbitrage yield for a specific bond issue, the City is best served by locking in most investments. If the arbitrage yield cannot be met or exceeded, concurrent market conditions will determine the attractiveness of locking in maturities or investing shorter. At no time shall the anticipated expenditure schedule be exceeded in an attempt to bolster yield.

3. Repair and Replacement Funds

The investment maturity of repair and replacement funds shall generally be limited to the anticipated cash flow requirement according to any budgeted project schedule. Market conditions and the anticipated spending schedule shall determine the maximum investment periods. Investments shall be diversified as to maturity and type with a portion being highly marketable or liquid to cover the unpredictability of emergency repairs. The Investment Policy restricts the maximum maturity of individual investments to two years and the maximum weighted average days to maturity of the fund to one year.

4. Debt Service Funds

Debt service funds shall be invested to ensure adequate funding for each consecutive debt service payment. The Investment Officers shall invest in such a manner as not to exceed an "un-funded" debt service date with the maturity of any investment security. The predictability of each payment reduces the need for security diversification, marketability, and fund liquidity. Therefore, market conditions shall determine the attractiveness of the eligible investments.

5. Bond Reserve Funds

Bond reserve funds have no anticipated expenditures. The funds are deposited to provide annual debt service payment protection to the City's bondholders. The funds are "returned" to the City at the final debt service payment. Market conditions and arbitrage regulation compliance determine the advantage of security diversification and maturity selection. Generally, if investment rates exceed the applicable arbitrage yield for a specific bond issue, the City is best served by locking in most investments. If the arbitrage yield cannot be exceeded, then concurrent market conditions will determine the attractiveness of locking in maturities or investing shorter and anticipating future increased yields. Maturities shall generally not exceed the call provisions of the bond issue.

Bond resolution constraints and insurance company restrictions may create issue-specific considerations in addition to the Investment Policy. Annual mark-to-market requirements or specific maturity and average life limitations will influence the attractiveness of market risk and reduce the opportunity for maturity extension.

6. Operating Reserve Funds

The operating reserve funds are essentially City savings. Reductions are generally not anticipated. Therefore, the predictability of the cash requirements of other City funds will govern the appropriate maturity mix. Market conditions, City financial condition, and risk/return analysis may extend the maximum maturity on individual investments to five years and the weighted average days to maturity to three years.

7. Fiduciary Funds

Fiduciary Funds are used to report assets held in a trustee or agency capacity for others. The funds principal therefore cannot be used to support the government's own programs. Since the purpose of these funds is for investment purposes only, market conditions and risk/return analysis allow for a maximum maturity on individual investments of five years.

IV. INVESTMENT POLICIES

A. Eligible Investments

Investments described below are authorized by Chapter 2256, Texas Government Code as eligible securities for the City. The purchase of specific issues may at times be restricted or prohibited by the Investment Officers. City funds governed by this Policy may be invested in:

1. Obligations, including letters of credit, of the United States or its agencies and instrumentalities, including the Federal Home Loan Banks, but excluding principal-only and interest-only mortgage backed securities, collateralized mortgage obligations, and real estate mortgage investment conduits.
2. Direct obligations, the principal and interest on which are unconditionally guaranteed or insured by, or backed by the full faith and credit of, the State of Texas or the United States or their respective agencies and instrumentalities, including any obligations that are fully

guaranteed or insured by the Federal Deposit Insurance Corporation (FDIC).

3. Obligations of states, agencies, counties, cities, and other political subdivisions of any State having been rated as to investment quality by a nationally recognized investment rating firm and having received a rating of not less than "A" or its equivalent.
4. Fully collateralized repurchase agreements having a defined termination date, placed through a primary government securities dealer, as defined by the Federal Reserve, or a financial institution doing business in Texas, and secured by obligations described by 1-3, above which are eligible investments under the Public Funds Investment Act, pledged with a third party selected or approved by the City, and having a market value of not less than the principal plus accrued interest of the funds invested. The term includes direct security repurchase agreements entered into by the City and reverse repurchase agreements only obtained in connection with investment by the City in an Eligible Investment Pool or Money Market Mutual Fund. A signed Master Repurchase Agreement, or similar agreement, shall govern all City repurchase agreement transactions of this section.
5. Certificates of deposit, and other forms of deposit, issued by State and national banks that have their main office or a branch in Texas that are:
 - a. guaranteed or insured by the Federal Deposit Insurance Corporation, or its successor, or, secured by obligations that are described by 1-3 above, which are intended to include all direct Federal agency or instrumentality issued mortgage backed securities, but excluding those mortgage-backed securities of the nature described in Section 2256.009(b) of the Texas Government Code, that have a market value of not less than the principal plus accrued interest of the deposits, or in any other manner and amount provided by law and this Policy for deposits of the City;
 - b. governed by a Depository Contract that complies with Federal and State regulation to properly secure a pledged security interest, and,
 - c. solicited for bid verbally, in writing, electronically, or any combination of those methods.
6. Money market mutual funds registered with the Securities & Exchange Commission, that adheres to Securities & Exchange Commission Regulation 2a-7, that fully invests dollar-for-dollar all City funds without sales commissions or loads, and whose investment objectives include seeking to maintain a stable net asset value of \$1.0000 per share. The City may not invest funds under its control in an amount that exceeds 10% of the total assets of individual money market mutual fund. [Sec. 2256.014(c)]
7. Eligible Investment Pools as defined in Section 2256.016 of the Texas Government Code provided that (a) investment in the particular pool has been authorized by the City Council; (b) the pool shall have furnished the Investment Officers or other authorized representatives of the City an offering circular containing the information required by Section 2256.016(b) of the Government Code; (c) the pool shall furnish to the Investment Officers or other authorized representatives of the City investment transaction confirmations with respect to all investments made with it; (d) the pool shall furnish to the Investment Officers or other authorized representatives of the City monthly reports that contain the information required by Section 2256.016(c) of the Government Code; (e) the pool shall mark its portfolio to market daily and stabilize at a \$1.00 net asset value; (f) the pool's assets shall consist

exclusively of the obligations allowed by the Act; (g) and whose investment philosophy and strategy are consistent with this Policy and the City's ongoing investment strategy.

B. Protection of Principal

The City shall seek to control the risk of loss due to the failure of an investment issuer or grantor. Such risk shall be controlled by investing only in the safest types of investments as defined in the Policy, by qualifying the broker/dealers and financial institutions with whom the City will transact business, by collateralization as required by law, and through portfolio diversification by maturity and type.

The Investment Officer shall periodically monitor rating changes of investments. The City shall take prudent measures to liquidate any investment that is downgraded to less than the minimum rating required. Pursuant to the Act, the City is not required to liquidate investments that were authorized investments at the time of purchase.

The purchase of individual securities shall be executed "delivery-versus-payment" through the City's Safekeeping Agent. By so doing, City funds are not released until the City has received, through the Safekeeping Agent, the securities purchased.

1. Collateralization

Consistent with the requirements of State law, the City requires all financial institution deposits to be federally insured or collateralized with eligible securities, letter of credit, or FDIC insurance. Financial institutions serving as City depositories will be required to sign a depository or collateral agreement with the City. The custodial portion of the agreement shall define the City's rights to the collateral in case of default, bankruptcy, or closing and shall establish a perfected security interest in compliance with Federal and State regulations, including:

- the agreement must be in writing;
- the agreement has to be executed by the depository and the City contemporaneously with the acquisition of the asset;
- the agreement must be approved by the Board of Directors or the loan committee of the depository and a copy of the meeting minutes must be delivered to the City; and
- the agreement must be part of the depository's "official record" continuously since its execution.

Repurchase agreements must also be secured in accordance with State law. Each counter - party to a repurchase transaction is required to sign a copy of the Securities Industry and Financial Markets Association (SIFMA) Master Repurchase Agreement, or similar agreement, as approved by the City. An executed copy of this agreement must be on file before the City will enter into any counterparty transaction.

a. Allowable Collateral

Acceptable forms of collateral are limited to those authorized by the Act and the Public Funds Collateral Act (Section 2257, Texas Government Code), as amended, and meet the constraints of this Policy.

b. Collateral Levels

For pledged securities, the market value of the principal portion of collateral pledged for deposits must at all times be equal to or greater than 102% of the total amount of deposits plus any accrued interest, less the applicable level of FDIC insurance. For deposits, the City may accept a letter of credit issued by a U.S. Agency or Instrumentality. The value of the letter of credit must be equal to or greater than 100% of the total amount of deposits plus any anticipated interest, less the insurance provided by the FDIC.

c. Monitoring Collateral Adequacy

The City shall require monthly reports and confirm market values of pledged securities from independent sources. The Investment Officers will monitor adequacy of collateralization levels to verify market values and total collateral positions.

d. Additional Collateral and Securities

If the value of the securities pledged falls below the required collateral level, the financial institution must pledge additional securities no later than the end of the next succeeding business day.

e. Collateral Substitution and Release

Collateralized deposits and repurchase agreements often require substitution of collateral. Substitution is allowable if the substituted security's value is equal to or greater than the required security level, but should be limited, if possible, to minimize potential administrative problems. The City's Investment Officers must approve the release of collateral prior to its removal from the custodial account in accordance with the terms of the depository or collateral agreement.

2. Safekeeping

The City shall contract with a third-party safekeeping agent for the safekeeping of securities owned by the City as a part of its investment portfolio. The securities will be held in an account in the City's name as evidenced by safekeeping receipts of the institution with which the securities are deposited.

C. Investment Advisors and Broker/Dealers

Investment selection for all funds shall be based on legality, appropriateness, liquidity, and risk/return considerations. All City investment portfolios shall be actively managed by attempting to optimize investment earnings within policy guidelines.

All investments made by the City will be made through either a City depository bank, an approved broker/dealer, or a financial institution with a main office or branch in the state of Texas. A list of at least three broker/dealers will be maintained in order to assure competitive bidding. The Investment Officers will establish criteria to evaluate Investment Advisors and Broker/Dealers, including:

1. Adherence to the City's policies and strategies;
2. Investment performance and transaction pricing within accepted risk constraints;

3. Responsiveness to the City's request for services, information, and open communication;
4. Understanding of the inherent fiduciary responsibility of investing public funds; and
5. Similarity in philosophy and strategy with the City's objectives.

Selected Investment Advisors and Broker/Dealers shall provide timely transaction confirmations and monthly portfolio reports.

City Council shall, at least annually, review, revise, and adopt a list of qualified broker/dealers that are authorized to engage in investment transactions with the City (see Exhibit A). Broker/Dealers eligible to transact investment business with the City shall be presented a written copy of this Investment Policy.

Additionally, the registered principal of any investment pool or discretionary investment manager seeking to transact investment business with the City shall execute a written instrument substantially to the effect that the registered principal has:

- received and reviewed this Investment Policy, and
- acknowledged that the organization has implemented reasonable procedures and controls in an effort to preclude imprudent investment activities with the City in accordance with the Act.

The City shall not enter into an investment transaction with a pool or investment manager prior to receiving the written instrument described above.

The City may select, through City Council approval, an Investment Advisor to advise the City in the investment of City funds and other responsibilities including but not limited to broker/dealer compliance, investment selection, competitive bidding, investment reporting, and investment documentation. The Investment Advisor must be registered with the Securities and Exchange Commission (SEC) under the Investment Advisor's Act of 1940 as well as with the Texas State Securities Board.

An Investment Advisor, as defined by the Investment Advisor's Act of 1940, is any person who pursuant to a contract regularly furnishes advice with respect to the desirability of investing in, purchasing, or selling securities or other property.

An appointed Investment Advisor shall act solely in an advisory and administrative capacity, within the guidelines of this Investment Policy, and without any discretionary authority to transact business on behalf of the City.

Appointment of an Investment Advisor shall otherwise be according to the City's normal purchasing procedures for selecting professional services. The term of any Investment Advisor contract may not exceed two years. Any renewal or extension of the Investment Advisor contract must be made by the City Council by resolution.

D. Responsibility and Controls

1. Authority to Invest

The Finance Director, Controller and Senior Accountant are the "Investment Officers" of the City. As Investment Officers, they are authorized to deposit, withdraw, invest, transfer,

execute documentation, and otherwise manage City funds according to the rules governing the investment of City funds provided in this Policy.

2. Investment Officer Required Training

The City's Investment Officers shall:

- a. attend at least one training session from an independent source approved by City Council as provided for in this Policy and accumulate at least 10 hours of instruction relating to the Investment Officers' responsibilities within 12 months after taking office or assuming duties; and
- b. attend at least one investment training session not less than once in a two-year period, that begins on the first day of the City's fiscal year and consists of the two consecutive fiscal years after that date, and accumulate not less than 8 hours of instruction relating to investment responsibilities from an independent source approved by City Council as provided for in this Policy.

Approved independent training sources include:

- Center for Public Management at the University of North Texas
- Government Finance Officers Association (GFOA and GFOAT)
- Government Treasurers' Organization of Texas (GTOT)
- Texas Municipal League (TML)
- Texas Society of Certified Public Accountants (TSCPA)
- Sponsors approved by the TSCPA and GFOA, GFOAT or GTOT, to provide CPE credits

Investment training must include education in investment controls, security risks, strategy risks, market risks, diversification of investment portfolios, and compliance with the Act.

3. Prudent Investment Management

The designated Investment Officers shall perform their duties in accordance with the adopted Investment Policy and internal procedures. The Investment Officers acting in good faith and in accordance with these policies and procedures shall be relieved of personal liability.

4. Standard of Care

The standard of care used by the City shall be the "prudent person rule" and shall be applied in the context of managing the overall portfolio within the applicable legal constraints. The Public Funds Investment Act states:

"Investments shall be made with judgment and care, under prevailing circumstances, that a person of prudence, discretion, and intelligence would exercise in the management of the person's own affairs, not for speculation, but for investment, considering the probable safety of capital and the probable income to be derived."

5. Liability of Investment Officers

The Investment Officers are not responsible for any loss of City funds through the failure or negligence of a depository. Sec. 113.005 Local Government Code does not release the Investment Officers from responsibility for a loss resulting from the official misconduct or

negligence of the Investment Officers, including misappropriation of funds, or from responsibility for funds until a depository is selected, and the funds are deposited.

6. Standards of Ethics

The Investment Officers shall adhere to City's Code of Conduct and Financial Disclosure Policy. Additionally, the Investment Officers shall file with the Texas Ethics Commission and the City Council a statement disclosing any personal business relationship with an entity seeking to sell investments to the City or any relationship within the second degree by affinity or consanguinity to an individual seeking to sell investments to the City.

7. Establishment of Internal Controls

The Finance Director will oversee the maintenance of a system of internal controls over the investment activities of the City.

8. Reporting

a. Quarterly Report

Investment performance will be monitored and evaluated by the Investment Officers. The Investment Officers will provide a signed investment report compliant with the Act to the City Council at least quarterly. "Weighted average yield to maturity" shall be the portfolio performance standard presented in the report. Market price of the City investments in the report shall be valued by a source independent from the transaction. The investment report shall:

1. describe in detail the investment position of the City;
2. contain a summary statement of each pooled fund group that states the:
 - a. ending book and market value for the period; and
 - b. fully accrued interest for the reporting period;
3. state the book value and market value of each separately invested asset at the end of the reporting period by the type of asset and fund type invested;
4. state the maturity date of each investment;
5. state the fund for which each investment was purchased; and
6. state the compliance of the investment portfolio with the City's Investment Policy and the Public Funds Investment Act.

b. Annual Report and Audit

The City, in conjunction with its annual financial audit, shall perform a compliance audit of management controls on investments and adherence to the City's Investment Policy and strategies. The quarterly reports shall also be formally reviewed by an independent auditor with the results of the review provided to the City Council by that auditor.

V. REVIEW AND AMENDMENT

The City Council shall review its investments policy and investment strategies on an annual basis. It shall be the duty of the Investment Officers to notify the City Council of any significant changes proposed in investment methods or procedures prior to their implementation. The Investment Policy, including a section on Investment Strategies shall be adopted annually by the City Council.

APPROVED this 19th day of October, 2023.

Mike Snyder, Mayor

ATTEST:

Angela Lewis, City Secretary

Exhibit A

Authorized Broker/Dealer List

FHN Financial
Multi-Bank Securities
Hilltop Securities
Stifel Financial
Wells Fargo Securities

AGENDA ITEM REPORT

11.13.



To: City Council
Subject: Consideration and possible action on approving the October 12, 2023 City Council Work Session and Meeting minutes (Angela Lewis)
Meeting: Thursday, October 19, 2023
Department: City Secretary /
Staff Contact: Angela Lewis

BACKGROUND INFORMATION:

Staff recommends that City Council approves the October 12, 2023 City Council Work Session and Meeting minutes.

SUMMARY OF REQUEST:

STAFF REVIEW:

Staff recommends approval

FISCAL NOTES:

No fiscal impact

ATTACHMENTS:

1. 10.12.23 Work Session Minutes DRAFT
2. 10.12.23 CC Meeting Minutes DRAFT



City of Hutto

MINUTES

City Council Work Session
Thursday, October 12, 2023 at 6:00 PM
Executive Conference Room

In accordance with the Texas Open Meetings Act this meeting agenda is posted for public information, continuously, for at least 72 hours prior to the scheduled time of the meeting on the bulletin board located on the exterior wall of the City Hall building at 500 West Live Oak, Hutto, Texas. This meeting agenda is also accessible via the Internet at www.huttotx.gov

1. CALL SESSION TO ORDER: 6:00 PM

2. ROLL CALL

Members of City Council present: Mayor Mike Snyder, Councilmember Brian Thompson, Councilmember Randal Clark, Councilmember Dan Thornton, Mayor Pro Tem Peter Gordon, Councilmember Amberley Kolar, Councilmember Dana Wilcott

Absent: None

Members of staff present: James Earp, City Manager; Matt Wojnowski, Assistant City Manager, Anne LaMere, Interim Finance Director, Rick Coronado, Public Works Director, Angela Lewis, City Secretary, Amanda Taylor, Assistant City Secretary

3. OTHER BUSINESS

**3.1 Emergency Management Overview and Community Preparedness Discussion
(Bill Zito)**

Bill Zito, Emergency Management Director, provided a presentation on Emergency Management and Community Preparedness.

4. ADJOURNMENT – 6:48 p.m.

ATTEST:

Mike Snyder, Mayor

Angela Lewis, City Secretary



City of Hutto

MINUTES

City Council Meeting
Thursday, October 12, 2023 at 7:00 PM
City Council Chambers
500 W. Live Oak Street

In accordance with the Texas Open Meetings Act this meeting agenda is posted for public information, continuously, for at least 72 hours prior to the scheduled time of the meeting on the bulletin board located on the exterior wall of the City Hall building at 500 West Live Oak, Hutto, Texas. This meeting agenda is also accessible via the Internet at www.huttotx.gov

1. CALL SESSION TO ORDER: 7:00 PM

2. ROLL CALL

Members of City Council present: Mayor Mike Snyder, Mayor Pro Tem Peter Gordon, Councilmember Brian Thompson, Councilmember Dan Thornton, Councilmember Amberley Kolar, Councilmember Dana Wilcott, Councilmember Randal Clark

Absent: None

Members of staff that were present were James Earp, City Manager; Matt Wojnowski, Assistant City Manager; Dottie Palumbo, Legal Counsel; Ashley Bailey, Executive Director of Development Services; Kate Moriarty, Management Analyst; Matt Rector, City Engineer; Amanda Taylor, Assistant City Secretary

3. INVOCATION –Pastor Arthur Spence from Little Ebenezer Baptist Church

4. PLEDGE OF ALLEGIANCE

5. PROCLAMATIONS

5.1 Domestic Violence Awareness Month – *Accepted by Kayla Coleman and other HPD and HOPE Alliance staff*

5.2 Anti-Bullying Month – *Accepted by Hutto ISD Counselors and students.*

6. CITY MANAGER COMMENTS

- Possibly drop back to Stage 2 watering restrictions
- Olde Tyme days – Oct. 14 run by the Hutto Chamber of Commerce
- Partial Solar Eclipse – Oct. 14
- Home decorating contest – Registration closes Oct. 19
- Family Camp-out Night at Adam Orgain Park – Oct. 20
- Frights Festival – Oct 28th
- Touch-a-Truck – Nov 1st
- Crafting Corner – Oct 24th
- Adult Book club – Oct 26th
- Boards and Commissions – Open vacancies and minimum requirements
- Annual City Budget is in effect – Many Capital projects coming

- Watched episode 6 of the CIP video series
- Professional Recognition – New Hires are Clifford Calasopa, Streets and Drainage Technician, and Michael Thompson, Utility Technician. Jordan Sims has been promoted from PARD Technician to a Street and Drainage Technician

7. PUBLIC COMMENTS

- Dr. Maurice Kaunda
- Robin Sutton
- Zoc Hopwood – yielded to Heather Mack
- Greg Ortiz – yielded to Heather Mack
- Heather Mack
- Bethany Hoffman – yielded to Connie Gooding
- Connie Gooding
- Beatrice Bocanegra
- Tracey Janowitz

At this time, Mayor Pro Tem Gordon requested moving up item 16.1

16.1. General Comments from City Council

Mayor Pro Tem Gordon, Councilmember Wilcott, Councilmember Kolar, Councilmember Thompson and Councilmember Clark provided comments.

8. PRESENTATIONS

- 8.1 Capital Improvement Projects Monthly Presentation – *Presented by Matt Rector, City Engineer*

9. PUBLIC HEARINGS AND REALTED ACTION

- 9.1 Conduct a public hearing and consider possible action on Ordinance No. O-2023-071 regarding a Co-Op Planned Unit Development Amendment, 35.102 acres, more or less, located on US 79 West at CoOp Blvd (First Reading) (Ashley Bailey)

Public Hearing opened at 8:33 pm. There were no speakers, and Public Hearing closed at 8:33 pm.

A motion was made by Councilmember Clark and seconded by Mayor Pro Tem Gordon to approve Ordinance No. O-2023-071. The vote passed 7,0.

- 9.2 Conduct a public hearing and possible action on Ordinance No. O-2023-033 for the proposed Specific Use Permit request for the property known as 901 Ed Schmidt Boulevard, to allow a drive-through facility (UDC 10.304.10) (Ashley Bailey)

Public Hearing opened at 8:38 pm. The applicant for the project, Guillermo Calvio, came forward to answer Council and public questions. There were no other speakers. Public Hearing closed at 8:43 pm.

A motion was made by Councilmember Kolar and seconded by Mayor Pro Tem Gordon to approve Ordinance No. O-2023-033. The vote passed, 6,1 (Snyder dissenting). Council requested that options to mitigate smoke from the property be brought back with the second reading of the Ordinance.

10. BOARDS AND COMMISSIONS ACTION

- 10.1 Consideration and possible action regarding possible appointments, re-appointments and/or removals to City Boards, Commissions, Task Forces, Economic Development Corporations, Local Government Corporations and Tax Increment Reinvestment Zone Boards, City Council Liaisons, and Area Government appointments.

A motion was made by Councilmember Wilcott and seconded by Councilmember Kolar to appoint Bruce Anderson, who currently serves on the Library Advisory Board, to the Diversity and Inclusion Commission. The vote passed 7,0.

At this time, Councilmember Clark requested to recall item 9.2 to ask legal counsel if it would be considered a conflict of interest for a councilmember to vote on an item if they live in close proximity to the property being discussed. Legal counsel stated they would research the answer and bring forth their findings when Council considers the second reading of the ordinance.

11. RESOLUTIONS

- 11.1 Consideration and possible action on Resolution No. R-2023-252 adopting the City of Hutto Sponsorship Policy (Community Experience and Engagement Hub)

A motion was made by Councilmember Clark and seconded by Councilmember Thornton to approve Resolution No. R-2023-252. The vote passed 7, 0.

- 11.2 Consideration and possible action on Resolution No. R-2023-266 allowing for payment from the Utility Fund balance prior to issuance of FY24 Certificates of Obligation for Water and Wastewater projects with reimbursement to the Utility Fund from issued bond proceeds (Anne LaMere)

A motion was made by Councilmember Thornton and seconded by Councilmember Kolar to approve Resolution No. R-2023-266. The vote passed 7, 0.

12. OTHER BUSINESS

- 12.1 Consideration and possible action on Ordinance No. O-2023-062 for the proposed Specific Use Permit request for the property known as 4037 FM 1660 (North), to allow an elevated water pump station (UDC 10.304.8) (Second Reading) (James Earp / Ashley Bailey)

A motion was made by Councilmember Kolar and seconded by Councilmember Clark to approve Ordinance No. O-2023-062. The vote passed 7,0.

- 12.2 Discussion and possible action authorizing release of memo relating to Article 6, Recall of the Hutto City Charter (Legal)

A motion was made by Mayor Pro Tem Gordon and seconded by Councilmember Clark to release the legal memo to the public.

A motion was made by Councilmember Thompson and seconded by Councilmember Clark to amend the original motion to post the memo on the City Website as a scrolling marquee, and on the Council public forum page.

A motion was made by Councilmember Kolar and seconded by Councilmember Thompson to amend the motion to post the memo under the Government/City Council webpage under City Council Protocols. The vote passed 7,0.

Councilmember Thompson rescinded his original motion to amend.

The final vote on the motion to release the memo and post it on the City webpage under the Government/City Council webpage passed 7,0.

13. CONSENT AGENDA ITEMS

- 13.1 Consideration and possible action on Resolution No. R-2023-231 approving the amendment to Individual Project Order (IPO) 2023-06 with STV for professional services to include the design for the South East Loop Wastewater Interceptor Project (Capital Improvement Project WW10-2023) in the amount of \$1,872,629.02 (Matt Rector)
- 13.2 Consideration and possible action on Resolution No. R-2023-255 authorizing the City Manager to execute an Individual Project Order (IPO) with K Friese and Associates in the amount of \$877,032.06 for the Exchange BLVD project (Matt Rector)

- 13.3 Consideration and possible action on Resolution No. R-2023-237 authorizing the City Manager to execute an Individual Project Order (IPO) with Freese and Nichols, Inc. in the amount of \$831,016 for the CR 199 Reconstruction project (Matt Rector)
- 13.4 Consideration and possible action on Resolution No. R-2023-260 approving the amendment to Individual Project Order (IPO) 2023-06 with DCS Engineering for professional services to include the design for the SmartBall Testing, Pressure Testing, and Iron Removal (CIP Project No. W-016) in the amount of \$643,860 (Matt Rector)
- 13.5 Consideration and possible action on Resolution No. R-2023-262 to award Unity Mowing Services a 6 month purchase order for mowing of Parks, Right of Ways, and Legends of Hutto Drainage areas in the amount of \$255,465. (Rick Coronado & Jeff White)
- 13.6 Consideration and possible action on Resolution No. R-2023-233 authorizing the City Manager to execute an Individual Project Order (IPO) with TranSystems Corporation Consultants in the amount of \$283,626 for the Exchange BLVD at Limmer Loop Intersection Improvements project (Matt Rector)
- 13.7 Consideration and possible action on Resolution No. R-2023-253 authorizing the City Manager to execute an Individual Project Order (IPO) with K Friese and Associates in the amount of \$250,000, for the Drainage Master Plan Update project (Matt Rector)
- 13.8 Consideration and possible action on Resolution No. R-2023-229 authorizing the City Manager to execute an Individual Project Order (IPO) with Freese and Nichols, Inc. in the amount of \$180,000 for the Mobility Master Plan Update project (Matt Rector)
- 13.9 Consideration and possible action on Resolution No. R-2023-220 authorizing the City Manager to execute an Individual Project Order (IPO) with WSB LLC in the amount of \$134,000 for the D01-2024 Legends of Hutto Drainage Ditches project (Matt Rector)
- 13.10 Consideration and possible action on Resolution No. R-2023-263 authorizing the City Manager to execute an Individual Project Order (IPO) with Cobb-Fendley and Associates in the amount of \$134,038 for Surveying and Utility Engineering on the Exchange BLVD project (Matt Rector)
- 13.11 Consideration and possible action on Resolution No. R-2023-239 authorizing the City Manager to execute an Individual Project Order (IPO) with Kimley-Horn,

and Associates, Inc. in the amount of \$132,000.00 for the Water and Wastewater Impact Fees project (Matt Rector)

- 13.12 Consideration and possible action on Resolution No. R-2023-238 authorizing the City Manager to execute an Individual Project Order (IPO) with Freese and Nichols, Inc. in the amount of \$110,000.00 for the Traffic Impact Fee Study Update project (Matt Rector)
- 13.13 Consideration and possible action on Resolution No. R-2023-257 authorizing the City Manager to execute an Individual Project Order (IPO) with SURVEYING AND MAPPING, LLC., in the amount of \$99,886.50, for Surveying Services on the CR 199 Reconstruction project (Matt Rector)
- 13.14 Consideration and possible action on Resolution No. R-2023-261 authorizing the City Manager to execute an Individual Project Order (IPO) with Cobb Fendley and Associates, Inc. in the amount of \$86,108 for the CR 199 Reconstruction project (Matt Rector)
- 13.15 Consideration and possible action on Resolution No. R-2023-265 authorizing the City Manager to execute an Individual Project Order (IPO) with MWM DesignGroup in the amount of \$30,000.00 for Architecture and Landscape Architecture Services on the Brushy Creek Amphitheater project (Matt Rector)
- 13.16 Consideration and possible action on Resolution No. R-2023-256 authorizing the City Manager to execute an Individual Project Order (IPO) with Braun Inertec, Inc. in the amount of \$20,631 for Geotechnical Services on the CR 199 Reconstruction project (Matt Rector)
- 13.17 Consideration and possible action on Resolution No. R-2023-264 authorizing the City Manager to execute an Individual Project Order (IPO) with Rock Engineering in the amount of \$18,940.00 for Geotechnical Engineering on the Exchange BLVD project (Matt Rector)
- 13.18 Consideration and possible action on approving the September 21, 2023 and September 28, 2023 City Council meeting minutes (Angela Lewis)
- 13.19 Consider action on Ordinance No. O-2023-063 for the proposed amendment to the Townwest Commons Planned Unit Development (PUD), 18.83 acres, more or less, of land, located northwest of US79 and Ed Schmidt Blvd (Second Reading) (Ashley Bailey)
- 13.20 Consideration and possible action on approval of Ordinance No. O-2023-067 regarding Blanket Purchase Orders (Second Reading) (Anne LaMere)

A motion was made by Councilmember Thompson and seconded by Mayor Pro Tem Gordon to approve Consent Agenda Item Nos. 13.1, 13.2, 13.3, 13.4, 13.5, 13.6, 13.7, 13.8, 13.9, 13.10, 13.11, 13.12, 13.13, 13.14, 13.15, 13.16, 13.17, 13.18, 13.19, and 13.20 as presented. The vote passed 7,0.

14. EXECUTIVE SESSION – *Convened into Executive Session at 9:58 pm*

14.1 Receive legal advice pursuant to Texas Government Code Section 551.071 (Consultation with Attorney relating to Preserve Hutto, LLC TPDES Permit No. WQ0016145001 and authorizing the filing of a request for a contested case hearing

14.2 Receive legal advice pursuant to Texas Government Code Sec. 551.071 related to Pending Legal Requests, Potential Claims, Pending Litigation, Potential Litigation, and City Council Legal Requests.

There was no action taken in Executive Session.

15. ACTION RELATIVE TO EXECUTIVE SESSION – *Reconvened at 10:30 pm*

There was no action taken.

16. CITY COUNCIL COMMENTS

16.2 Future Agenda Items

Councilmember Thornton requested an update in November on the Directors of Chaos agreement.

16.3 Future Additional or Rescheduled meetings as allowed by Hutto City Code Section 1.02.033 Additional or Rescheduled Meetings

17. ADJOURNMENT – *October 12th, 2023 at 10:31 PM*

ATTEST:

Mike Snyder, Mayor

Angela Lewis, City Secretary

AGENDA ITEM REPORT

11.14.



To: Planning and Zoning Commission
Subject: Consideration and possible action on Ordinance No. O-2023-071 regarding a Co-Op Planned Unit Development Amendment, 35.102 acres, more or less, located on US 79 West at CoOp Blvd (Second Reading) (Ashley Bailey)
Meeting: Thursday, October 19, 2023
Department: Development Services
Staff Contact: Ashley Bailey

BACKGROUND INFORMATION:

The CoOp site is partially developed with civic, commercial, and open space amenity areas. The purpose of the amendment is to bring this existing Planned Unit Development (PUD) into compliance with the Amended Development Agreement approved by City Council on May 4, 2023 to expand the list of prohibited uses, set density expectations, reduce compact parking to 10%, and define some retail placement within the development. This amendment is on the 10/10 Planning and Zoning Commission meeting, staff will update City Council with the specific recommendation at the meeting.

North: Existing residential

East: Old Town Hutto, Historic District

South: Commercial and Light Industrial uses, US79 West ROW

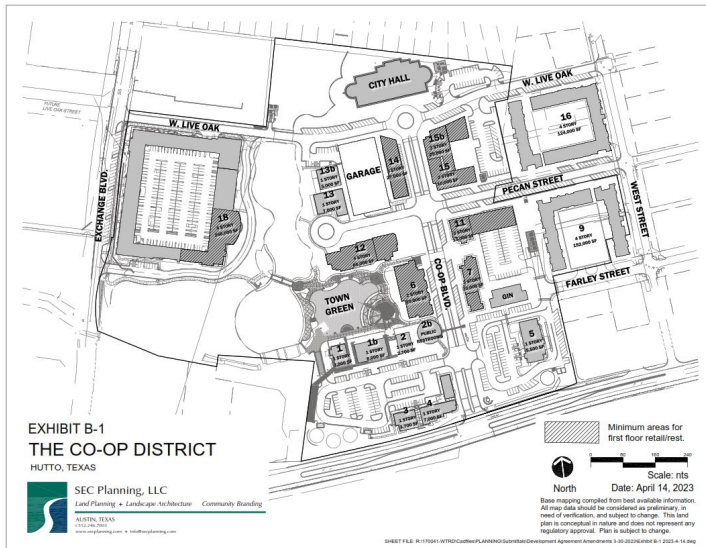
West: Zoned Commercial (B-1 and B-2)

The plan is modified, as attached, in the following areas:

- Concept Plan modifications are limited to 20% cumulative for the size of sections of phase.
- The PUD shall also require the following provisions within the Plan:
 - All buildings not yet constructed or under construction must be at least two-stories, except as set forth in No. 2 below, or except with a Special Use Permit.
 - Single-story restaurants shall be allowed that either front, or back up to, the lake or town green.
 - Multifamily-projects (other than Tract 6 of Exhibit C), may be constructed within the Co-Op District so long as the first floor of all buildings as specifically identified on the diagram below are restricted to retail/restaurant/entertainment uses, except via Special Use Permit. Exceptions to these frontage requirements are allowed for entry drives to internal parking, stairwells, leasing offices, and convention space

AGENDA ITEM REPORT

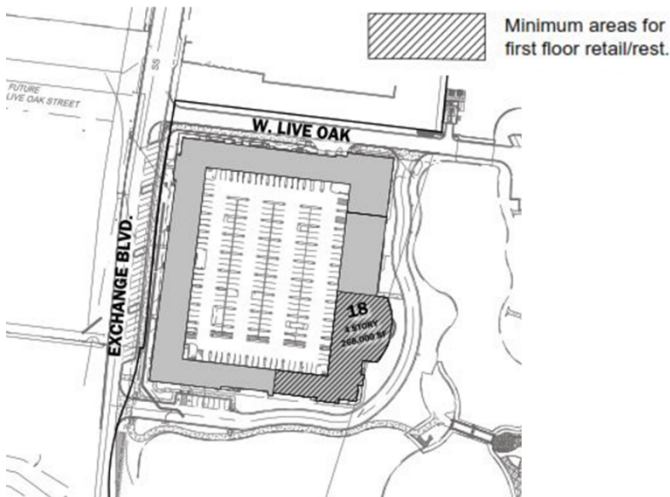
11.14.



- Live/work units, or dedicated stand-alone condominiums, or spaces that have an office appearing front facade that can function as a place to conduct business and reside, may be allowed on the first floor of buildings with consent of the City Council for the sections that are not primary retail, dining or entertainment corridors, such as Farley Street east of Coop Blvd, or sections of Pecan or West Street.
- All allowed uses in the Planned Unit Development (PUD) (save and except Prohibited Uses as set forth in Section 2.2 of this PUD, including office space and multi-family uses, can occupy space on the second floor and above anywhere within the boundaries of the PUD.
- Buildings constructed within the Project may be constructed using zero-lot lines (no setbacks) as a basis for increasing density within the Project.
- Tract 6 of Exhibit C shall contain a fully wrapped urban style project wrapping a parking garage for both resident, visitor and public uses, and includes first floor or street level uses for dining, retail or entertainment uses as located on the below diagram:

AGENDA ITEM REPORT

11.14.



- During construction throughout the Co-Op District, temporary parking lots shall be allowed with an amended and approved site plan.
- The current rules and ordinances allow for sip and stroll of alcoholic beverages (open containers in public) and that there are no prohibitions or restrictions with regard to proximity of alcohol sales to church or education facilities beyond what is accounted for in State law. The Project will have the right to continue sip and stroll and future restrictions that may be enacted by the City in regard to proximity of alcohol sales to church or educational facilities shall not apply.
- Permitted uses within the boundaries of the PUD are as listed in the land use table with an expanded list of prohibited uses.

The Planned Unit Development (PUD) process and zoning designation allows creativity, innovation and flexibility in land use, density, site planning and design for a parcel that would result in a project more appropriate and desirable than what would result from strict application of the UDC. Development standards are required for a parcel that would be developed as a PUD. Staff has reviewed the proposed PUD development standards against the required criteria and this PUD is in compliance with each item.

The PUD is consistent with the spirit of the community, neighborhood and other applicable land use and development plans, compatible with the character of adjacent development or recommended land uses, it would not adversely affect property near the site, and it achieves the benefits of improved design.

The PUD will not adversely affect land with significant historical, cultural, recreational or aesthetic value.

The PUD will give benefits through providing open space, parks, conservation of environmental features, aesthetic features and harmonious design, and/or energy efficient site design.

The benefits of preserving land for open space, parks or other public amenities outweigh the potential impact from more intense or dense development on the site.

The PUD controls external effects on nearby land uses such as movement and congestion of traffic; lighting; trash accumulation and litter; noise, air and water pollution; and other factors affecting public health, welfare, safety and convenience.

The PUD will be served by adequate facilities including streets, fire protection, water and sanitation.

The PUD does not have a significantly greater burden on the city's existing infrastructure, public improvements and

AGENDA ITEM REPORT

11.14.



services than development at a density permitted under the current zoning or suggested under community, neighborhood and other applicable land use and development plans, or that arrangements are made to mitigate impacts.

PUD architectural design, landscaping, hardscaping and signage parameters must give evidence of compatibility with adjacent development, internal consistency of design, and conformance to city design standards.

Staff finds that the proposed PUD Amendment for the Co-op District meets the intent of all provisions for PUD Review Criteria as listed in Section 10.203.10.3 of the UDC. Therefore, staff recommends approval of the proposed amendments.

SUMMARY OF REQUEST:

Open public hearing, conduct public hearing, close public hearing. Motion to accept the Amendment to the Co-Op Planned Unit Development.

STAFF REVIEW:

Staff has not comment for public hearing

FISCAL NOTES:

No known fiscal impact from conducting public hearing or from amendment.

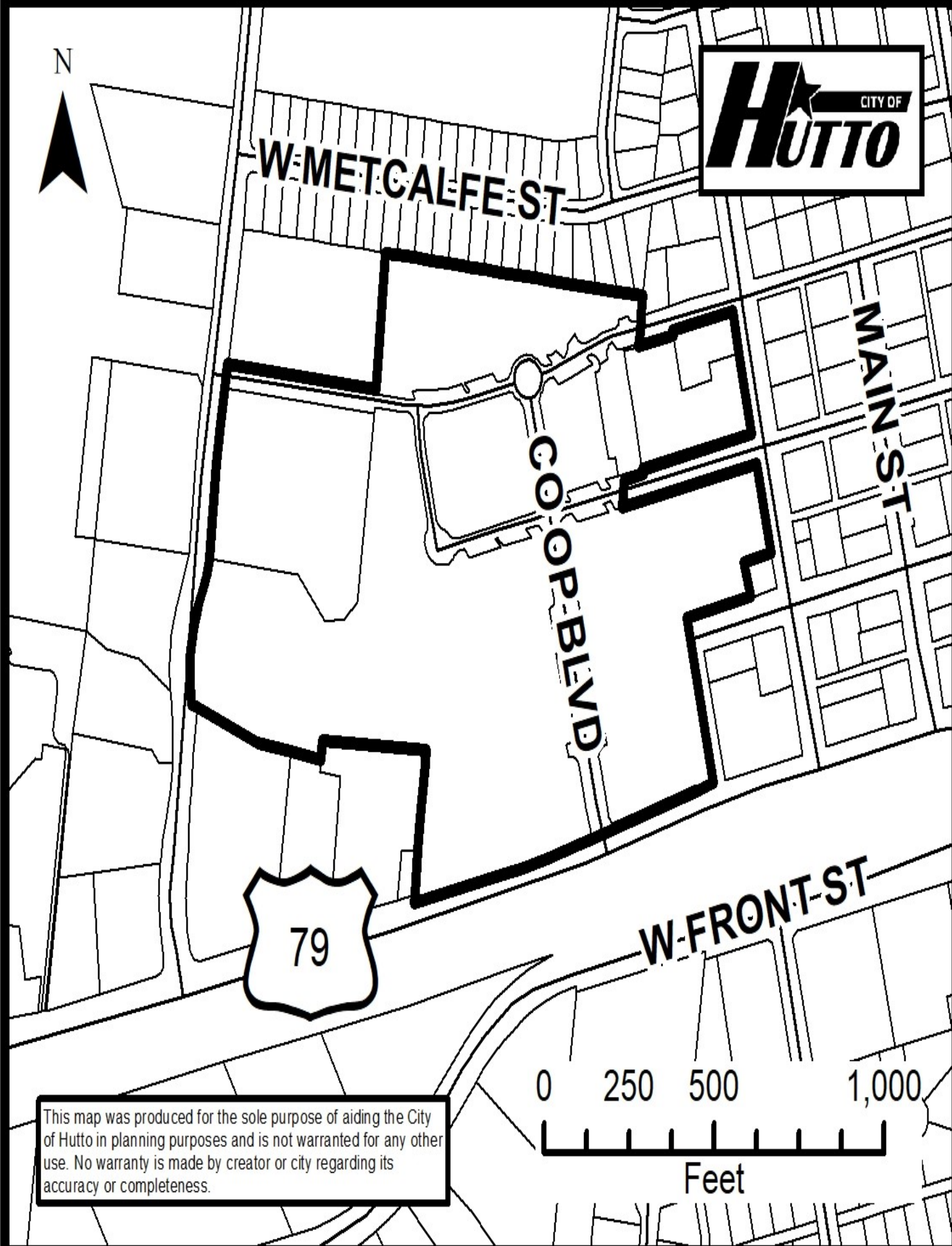
POLICY IMPLICATIONS:

None with this amendment.

ATTACHMENTS:

1. Location Map
2. CoOp Amended and Restated Agreement 5.4.23-001 Recorded
3. LOI
4. Co-OpDistrictPUDAmend2(Ord)
5. Exhibit A
6. Exhibit B

Co-Op District PUD Amendment #2 (35.1021 acres)



HUTTO CO-OP DISTRICT

AMENDED AND RESTATED MASTER DEVELOPMENT AGREEMENT

This Amended and Restated Master Development Agreement (" Restatement") is entered into to be effective as of the 4th day of May, 2023 (the " Restatement Effective Date"), by and among the City of Hutto, Texas (the " City"), a home rule city organized under the laws of the State of Texas, and 420 US 79, Ltd., a Texas limited partnership (the " Developer"). The City and the Developer are, collectively, the " Parties" to this Restatement.

This Restatement supersedes and replaces in full those documents referred to as Amended and Restated Master Development Agreement between the City and Developer, dated May 18, 2018, amended by the First Amendment to Amended and Restated Master Development Agreement dated September 1, 2018, the Second Amendment to Amended and Restated Master Development Agreement dated December 6, 2018, and the Third Amendment to Amended and Restated Master Development Agreement dated July 22, 2019 (collectively, the " Ancillary Documents").

This Restatement also supersedes and replaces in full, unless otherwise stated, herein, the Master Development Agreement, ("MDA"), between the City and MA Partners, LLC (the successor to Developer, the Agreement having been assigned to Developer), dated August 17, 2017, which remains the Effective Date of the MDA.

RECITALS

WHEREAS, the Co-Op District is being developed as an urban mixed-use development consisting of a mix of office, commercial, retail, residential and civic space, (the "Property"), as described in Exhibit "A," as the Property's proximity to Hutto's Historic Old Town, existing commercial district, and access to Highway 79 proves to be a great location for entertainment uses; and

WHEREAS, certain economic incentives to the Developer for development of the Project pursuant to the MDA were to be provided by the City; and

WHEREAS, MDA, Article III, Due Diligence Period expired; and

WHEREAS, pursuant to MDA, Article III, Section 3.03, a portion of Property was conveyed to Developer subject to a Right of Reverter that was later satisfied and removed; and

WHEREAS, pursuant to MDA, Article III, Section 3.06, the County Land was acquired by Developer; and

WHEREAS, pursuant to MDA, Article V, Sections 5.04 and 5.07 and Article VII, City Hall was constructed by Developer and accepted by the City; and

WHEREAS, pursuant to MDA, Article VI, the construction of the Initial Improvements and the Public Improvements has occurred; and

WHEREAS, on June 7, 2018, by Resolution No. R-18-06-07-9D, the City created the Public Improvement District, and levied assessments to finance the costs of all or a portion of the Public Improvements, and also approved a Service and Assessment Plan providing for the levy of the assessments on the Property, and did levy special assessments against the Property with an Assessment Ordinance based on the approved Service and Assessment Plan, ("PID Assessment"); and

WHEREAS, on January 4, 2018, by Ordinance No. O-18-01-04-12A, the City created Reinvestment Zone Number One, the Co-OP District Tax Increment Reinvestment Zone; and

WHEREAS, the Public Improvements were financed through the PID financing transaction described in that certain Limited Offering Memorandum approved and consented to by the City Council on December 6, 2018; and

WHEREAS, in furtherance of development of the Project, the following documents (the "Ancillary Documents") were executed by the Developer and former City Manager Jones and approved as to form by former City Attorney William H. Bingham:

- (a) Option Agreement between the City and MA Partners, LLC., executed October 19, 2017.
- (b) Amended and Restate Master Development Agreement between the City and Developer, executed May 18, 2018.
- (c) First Amendment to Option Agreement between the City and Developer, executed May 18, 2018
- (d) Special Warranty Deed executed May 18, 2018.
- (e) First Amendment to the Amended and Restated Master Development Agreement between the City and Developer, executed September 1, 2018.
- (f) Second Amendment to the Amended and Restated Master Development Agreement between the City and Developer, executed December 6, 2018.
- (g) Third Amendment to the Amended and Restated Master Development Agreement between the City and Developer, executed July 22, 2019; and

WHEREAS, any other Fee Credit Agreements entered into between the Developer and former City Manager Jones and any other party, excluding the Hutto Bible Church, not listed above are null and void; and

WHEREAS, the City and the Developer desire to set forth in this Restatement acknowledgements of the current state of the Project, actions taken pursuant to the MDA and Ancillary Documents and to amend and restate the terms and conditions of the MDA; and

WHEREAS, certain controversies have arisen between the Parties regarding the Ancillary Documents, thereto, the validity and enforceability of the Ancillary Documents, and the Parties wish to resolve those controversies by the execution hereof and the mutual covenants contained herein; and

WHEREAS, the Parties recognize that all agreements of the Parties hereto and all terms and provisions hereof are subject to the laws of the State of Texas and all rules, regulations and interpretations of any agency or subdivision thereof at any time governing the subject matters hereof.

NOW, THEREFORE, in consideration of the mutual covenants and agreements contained herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

ARTICLE I **RECITALS**

The recitals set forth above are true and correct and are incorporated, herein, and made a part hereof as findings for all purposes.

ARTICLE II **INCORPORATION BY REFERENCE**

2.01 The terms of the MDA and Ancillary Documents are incorporated herein by reference.

2.01 By the execution of the Restatement, the terms of the MDA and Ancillary Documents are amended and restated, in accordance with this Restatement for the MDA, as set forth in Article III, below.

ARTICLE III **AMENDED AND RESTATED TERMS FOR THE MDA**

3.01 Effect of Amended and Restated Terms. Upon the Restatement Effective Date of this Restatement, the Amended and Restated Terms as set forth in this Article III shall amend, and restate those certain provisions the MDA and Ancillary Documents in the manner referenced in this Article III. The Restatement shall supersede the MDA and Ancillary Documents. In the event of a conflict between a provision of this Restatement and the MDA or Ancillary Documents, then the provision of this Restatement shall prevail.

3.02 Development Standards . Development and Construction on the Property within the Co-Op District subject to the Restatement shall comply with the Hutto Co-Op District Design Guidelines, "Design Guidelines." The Design Guidelines are on file in the Hutto Development Services Department. All construction must meet the Design Guidelines, as may be amended by the Hutto Co-Op District Owners Association ("POA") Board, in accordance with and enforcement of the Design Guidelines by the Architectural Control Committee, ("ARC"), that is required by the POA. The City shall not issue a Building Permit if the Design Guidelines are not substantially followed unless approved by the ARC with an affirmative vote of the City Representative appointed to the POA Board Minimum First Floor Retail Areas shall be constructed in accordance with Exhibit B-1, Minimum First Floor Retail Areas. Developer may submit an application to vacate the Right-of-Way as shown on Exhibit B-2, ROW Vacation.

3.03 Additional Construction Conditions. Attached hereto as Exhibit "C" are the "Additional Construction Conditions" for construction on property within the Co-Op District subject to the MDA. All construction must meet the Additional Construction Conditions.

3.04 Architectural Control Committee. The City Manager or his designee shall be entitled to one position on the Architectural Control Committee of the Hutto Co-Op District Owners' Association.

3.05 Prohibited Uses. The Property is zoned Co-Op District Planned Unit Development, pursuant to City of Hutto Ordinance No. O-17-12-07-8A. The uses attached hereto as Exhibit "D" are prohibited on property within the Co-Op District subject to the MDA. In so much as the zoning applied to the property might otherwise allow these restricted uses, the Developer shall restrict the uses in Exhibit "D" from being allowed within the Co-Op District. An application to amend the PUD to include the prohibited uses shall be filed by the Developer and the City will support the application. No permits or Certificates of Occupancy for the Prohibited Uses shall be issued or approved by the City for the prohibited uses.

3.06 Dedication and Conveyance of Gin Site and POA owned property.

(a) The Developer shall convey the Gin Site and Gin Lot, including the building, by Special Warranty Deed. The Gin Site was added as part of the Property subject to the Option Agreement pursuant to the First Amendment to Option Agreement, dated May 18, 2019. The Gin Site was conveyed to Developer with additional Option Property pursuant to a Special Warranty Deed dated May 18, 2018, and recorded in Document No. 2018044838 of the Official Records of Williamson County, Texas. The Warranty Deed contained a Right of Reverter that was later satisfied and terminated pursuant to that certain Affidavit of Satisfaction dated May 1, 2019, and recorded in Document No. 2019037372, of the Official Records of Williamson County, Texas. Within 150 days of the Restatement Effective Date of the Restatement, The Developer shall convey the Gin Site and Gin Lot, by Special Warranty Deed to the City after the PID Assessment is paid and confirmed by the PID Administrator for the City, provide title insurance evidencing clear title and remove all encumbrances to title. Developer will file a replat of the Gin site, removing the Southside parking from the Gin site and moving the north line 5' north to allow more access to the building on the north side. The plat will also show utility easements and the rear access road from the Southside parking area. The City agrees to waive all plat and review fees.

(b) The Town Green, Splash Pad, Irrigation Wells and Pump House, ("POA Property"), shall not be sold, transferred or otherwise conveyed unless sold, transferred or conveyed to the POA. Should the POA notify the City of the POA's intent to sell, transfer or otherwise convey the POA Property, the POA shall notify the City and shall dedicate and donate by Special Warranty Deed, the POA Property. If the City does not accept the Special Warrant Donation Deed of the POA Property, the City shall have the right to approve the purchaser of the POA Property by written consent to the sale, transfer or conveyance. A note shall be placed on final plats or replats and site plans that the POA Property shall not be sold, transferred or otherwise conveyed.

3.07 Repayment of Flix Credits. The First Amendment to Amended and Restated Master Development Agreement, dated September 1, 2018, provided for a \$200,000 reduction in the value of the City Property, in exchange for Developer agreeing to provide to the Flix theater project a \$200,000 financial incentive. However, because of the global Covid pandemic, Flix was unable to fulfill the terms of its lease with Developer, and was forced to terminate its project. Within five business days after the execution of the Restatement, the Developer shall tender to the City the amount of \$100,000.00 or \$50,000.00 if the payoff of the PID Assessment is more than \$150,000.00.

3.08 Reduction of Fee Credits. The Third Amendment to the Amended and Restated Master Development Agreement, dated July 22, 2019, provided for Fee Credits (as defined therein) in the amount of \$900,000. The Fee Credits shall be reduced as of the Restatement Effective Date hereof, to the amount that has been utilized by the Developer of such Fee Credits. A Fee Credit of up to \$100,000 has been assigned to the Hutto Bible Church by the Developer. The Hutto Bible Church shall file an application for the Fee Credits with the City upon relocation and rebuilding of the church. No other Fee Credits given by the Developer or any other person or entity, including former City Manager Jones, shall be allowed. No Fee Credits shall be applied to Water, Wastewater or Transportation Impact Fees. No other waiver of Fees shall be allowed for applications, reviews, permit and inspection of the improvements. Other than the public infrastructure being conveyed in Section 3.11, below, Developer shall be required to post a two (2) year maintenance bond in accordance with the City's Unified Development Code and Hutto City Code.

3.09 Performance Standards, Default and Remedies. Because certain controversies have arisen between the Parties regarding the Ancillary Documents, thereto, the validity and enforceability of the Ancillary Documents, MDA Section 5.07(c) is deleted in its obligation of the Developer and replaced with the obligation of the Developer to start vertical construction of the Parking Garage. Developer shall have the later of (a) 270 days from the Restatement Effective Date of this Restatement, or (b) 210 days from receipt of building permits from the City to start vertical construction of the Parking Garage. Developer shall apply for building permits the later of ninety (90) days of the Restatement Effective Date, or within ninety (90) days of the date of the approved amended plat or replat. Within sixty (60) days, the City shall expeditiously review any application or permit for the Parking Garage. For each day after the sixty (60) day review period for the application or permit for the Parking Garage, Developer shall have an additional day added to the start day of vertical construction. MDA Section 5.07(d) Remedies is deleted in its entirety and replaced with the following: If Developer fails to perform on the Parking Garage Obligations as outlined in 3.09 of the Restatement, Developer shall have 30 days to cure the default upon written notice from City. If Developer fails to cure the default within 30 days after the written notice, then Developer shall deed the remaining undeveloped Property to the City and this Restatement shall terminate as to Developer's obligations under MDA Section 5.07.

- (a) Section 10.03 Default; Remedies of the MDA shall remain in full force and effect.
- (b) Developer shall not employ undocumented workers and certifies compliance with Section 10.04 Undocumented Workers of the MDA.

(c) Section 10.14 of the MDA is amended to remove "a recession" as an Event of Force Majeure. Developer agrees that economic market conditions are out of the control of the City and are a part of developing in a normal course of business.

3.10 City Hall Property and Maintenance. The pond next to City Hall on the City Hall Property shall be replated and conveyed to the POA. City Hall Property will be maintained by the POA. The POA has been maintaining the City Hall Property and the POA has been maintaining the City Hall Property. Within two weeks from the execution hereof, the City shall pay to the Developer the amount of \$74,400 as the agreed amount for prior maintenance of the City Hall Property by the Developer satisfying all claims of arrears as long as invoices are provided to the City verifying the amount of \$74,400. Additionally, City shall pay the lesser of (i) the actual, verified cost of maintaining City Hall Property, or (ii) \$3,100 per month to the POA on an ongoing basis for maintenance of City Hall Property as long as funds are budgeted by the City and upon an invoice showing the actual costs of maintenance of the City Hall Property submitted to the City. Such amount paid by the City each year shall not increase by more than 3% over the previous year, as long as the scope of work as not increased at the request of the City. All landscaping required by the MDA that has been damaged and not replaced shall be reinstalled with landscaping by the developer.

3.11 Conveyance of Public Infrastructure and Improvement of Exchange Boulevard. Developer will convey to the City all public streets, roads, water, wastewater, and drainage infrastructure, not including the ponds, which have been completed to date, no later than May 22, 2023, in accordance with the City's Unified Development Code and Hutto City Code. The Developer shall complete the punch list items prior to submitting the above public improvements for acceptance. The punch list items, which are coating of an existing wastewater manhole located at the southwest corner of the former Flix tract near Exchange Blvd. and installation of the backer rod and sealant in the stone expansion joints on the pond wall, shall be repaired within 90 days from the Restatement Effective Date, hereof or repaired in accordance with the estimate for repairs as approved by the City Engineer. The Developer shall provide a bank qualified letter of credit for construction defects not repaired prior to acceptance by the City.

(a) The Urban Style apartment complex, as shown on Exhibit B-1, located at the corner of Live Oak and Exchange Boulevard, Traffic Impact Fee, if required, shall contribute to the rebuilding of Exchange Boulevard from Live Oak to Highway 79. The City may have additional Traffic Impact Fees due from other developments to assist with the rebuilding Exchange Boulevard from Live Oak to Highway 79.

3.12 Event Management Agreement and Opening of Town Green. Developer and City shall negotiate and enter into the Event Management Agreement (as contemplated within Article 5.08 of the MDA) within 90 days after the Restatement Effective Date. The Event Management Agreement shall cover the Town Green, including the Amphitheater (Stage), and Splashpads. The Event Management Agreement shall, at a minimum, confirm that the Town Green shall be (i) open to the public at all times, except in the event of maintenance or construction; (ii) maintained by the POA in a first-class condition at its expense, (iii) be available for the City to plan/book events (at no cost to the City) for a minimum of one (1) day each month; and (iv) will calendar and plan events for each year by the end of September of the previous year. The Event Management Agreement shall provide for provisions of security, clean-up, insurance, and damages for events

sponsored by the City, and will further provide for coordination with the Association event coordinator for date scheduling. Developer will open for operation and make available to the public the Splash Pad and Town Green and Stage by May 25, 2023, in anticipation of Memorial Day weekend, 2023. Additionally, the Event Management Agreement shall provide a special, streamlined process for any required permitting for events to be held on the Town Green.

3.14 POA Maintenance Binder. Within 90 days from the Restatement Effective Date hereof, Developer shall provide to the City Manager a maintenance binder outlining standard operating procedures for how the POA plans to maintain the public access areas owned, or maintained, by the POA.

ARTICLE IV MISCELLANEOUS

4.01 Notice. Any notice and or statement required and permitted to be delivered under this Restatement shall be deemed delivered by actual delivery, by electronic mail, or by depositing the same in the United States mail, certified with return receipt requested, postage prepaid, addressed to the appropriate party at the following addresses:

If to City:	City of Hutto Attn: James Earp, City Manager 500 West Live Oak Street Hutto, TX 78634 Phone: (512) 759-4030 Email: james.earp@HuttoTX.gov
With copy to:	Bojorquez Law Firm, P.C. Atten: Alan Bojorquez 11675 Jollyville Road, Suite 300 Austin, Texas 78759 Email. alan@texasmunicipallawyers.com
If to the Developer:	420 US 79, Ltd. 230 Klattenhoff Lane, Ste. 102 Hutto, Texas 78634 Attn: Wyatt Henderson and Bob Wunsch Phone: 972-715-6450 Email: whenderson@madev.com ; bob@waterstonedevlopment.com
With required copy to:	Butler Family Interests PO Box 9190 Austin, TX 78766 Attn: Matt Harriss Phone: (512) 329-7550 Email: mharriss@butlerinterests.com

And: Sneed Vine & Perry
 900 Congress Avenue., Suite 300
 Austin, TX 78701
 Attn: Bill Brown
 Phone: (512) 494-3127
 Email: bbrown@sneedvine.com

Any Party may designate a different address or different contact at any time upon written notice to the other Parties.

4.02 Interpretation. Each of the Parties has been represented by counsel of their choosing in the negotiation and preparation of this Restatement. Regardless of which party prepared the initial draft of this Restatement, this Restatement shall, in the event of any dispute, however its meaning or application, be interpreted fairly and reasonably and neither more strongly for or against any Party.

4.03 Governing Law and Venue. This Restatement is made, and shall be construed and interpreted, under the laws of the State of Texas and venue shall lie in Williamson County, Texas.

4.04 Severability. In the event any provisions of this Restatement are illegal, invalid or unenforceable under present or future laws, and in that event, it is the intention of the Parties that the remainder of this Restatement shall not be affected. It is also the intention of the Parties of this Restatement that in lieu of each clause and provision that is found to be illegal, invalid or unenforceable, a provision be added to this Restatement, which is legal, valid or enforceable and is as similar in terms as possible to the provision found to be illegal, invalid or unenforceable.

4.05 Paragraph Headings. The paragraph headings contained in this Restatement are for convenience only and will in no way enlarge or limit the scope or meaning of the various and several paragraphs.

4.06 No Third-Party Beneficiaries. This Restatement is not intended to confer any rights, privileges, or causes of action upon any third party.

4.07 Exhibits. The following exhibits are attached and incorporated by reference for all purposes:

Exhibit A: Property Description

Exhibit B-1: Minimum First Floor Retail Areas

Exhibit B-2: ROW Vacation

Exhibit C: Additional Construction Conditions

Exhibit D: Prohibited Uses

Exhibit E: HB 1295 Compliance and No Boycott Verification

4.08 No Joint Venture. It is acknowledged and agreed by the Parties that the terms hereof are not intended to and shall not be deemed to create any partnership or joint venture among the

Parties. The City, its past, present and future officers, elected officials, employees and agents of the City, do not assume any responsibilities or liabilities to any third party in connection with the development of the Project or the design, construction or operation of any portion of the Project.

4.09 No Waiver. The Parties may waive any of the conditions contained herein or any of the obligations of the other Party hereunder, but any such waiver shall be effective only if in writing and signed by the Party waiving such conditions or obligations.

4.10 Attorney's Fees. Should any legal action be brought by either Party because of a breach of this Agreement or to enforce any provision of this Agreement, then the prevailing party shall be entitled to its attorney fees and costs.

4.11 No Personal liability of public officials or the City. To the extent permitted by State law, neither the City, any City agent or representative, nor any public official or employee shall be personally liable or responsible for any liability arising under or related to this Restatement.

4.12 HB 1295 Compliance and No Boycott Verification. Developer shall verify compliance with HB 1295 and No Boycott requirements of state law, attached and Exhibit "D")

4.14 Reservation of Rights. To the extent consistent with this Agreement, each Party reserves all rights, privileges, and immunities under Applicable Laws.

4.15 Term. This Restatement shall become enforceable upon the Restatement Effective Date and shall expire on the same terms as the MDA.

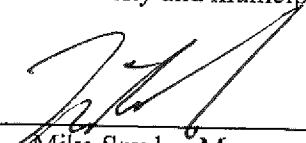
4.16 Recorded in Real Property Records. This Restatement shall be recorded in the Williamson County Real Property Records.

4.17 Counterparts. To facilitate execution, this Restatement may be executed in as many counterparts as may be convenient or required. It shall not be necessary that the signature of all Persons required to bind any party appear on each counterpart. All counterparts shall collectively constitute a single instrument. It shall not be necessary in making proof of this Restatement to produce or account for more than a single counterpart containing the respective signatures of, or on behalf of, each of the Parties hereto.

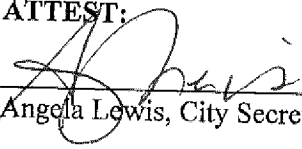
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EXECUTED to be effective as of the Restatement Effective Date.

CITY OF HUTTO, TEXAS,
a Home Rule city and municipal corporation

By: 
Mike Snyder, Mayor

ATTEST:


Angela Lewis, City Secretary

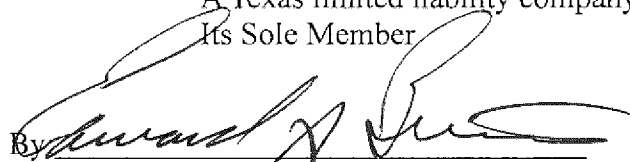


DEVELOPER

420 US 79, LTD.,
a Texas limited partnership

By: 420 US 79 GP, LLC,
A Texas limited liability company,
Its General Partner

By: BCP GP, LLC,
A Texas limited liability company,
Its Sole Member

By: 
Edward S. Butler, Sole Member

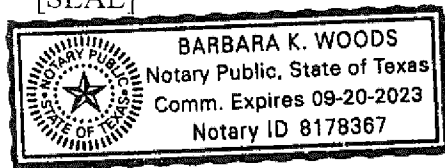
STATE OF TEXAS §

COUNTY OF WILLIAMSON §

This instrument was acknowledged before me on the 4th day of May, 2023 by, Edward S. Butler, Sole Member of 420 US 79 GP, LLC, a Texas limited liability company, on behalf of 420 US 79 GP, LLC.

SUBSCRIBED AND SWORN TO before me this 4th day of May, 2023.

[SEAL]



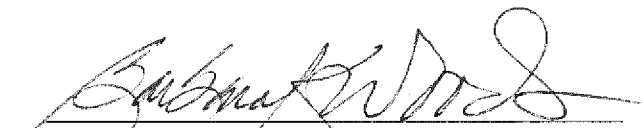

Notary Signature

EXHIBIT "A"

PROPERTY DESCRIPTION

Legal Description

BEING A DESCRIPTION OF A TRACT OF LAND CONTAINING 35,1021 ACRES (1,529,046 SQUARE FEET), PARTIALLY OUT OF THE WILLIAM J. BROWN SURVEY NO. 22, ABSTRACT NO. 105, AND PARTIALLY OUT OF THE NATHANIEL EDWARDS SURVEY NO. 21, ABSTRACT NO. 225, BOTH IN WILLIAMSON COUNTY, TEXAS, AND BEING ALL OF A CALLED 4.43 ACRE TRACT CONVEYED TO WILLIAMSON COUNTY IN DOCUMENT NO. 2005053311 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS (O.P.R.W.C.T.), SAID TRACT BEING A PORTION OF LOTS 23 & 24, BLOCK A, HUTTO SQUARE COMMERCIAL LOTS, RECORDED IN CABINET Z, PAGES 281-282 OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS (P.R.W.C.T.), AND BEING ALL OF LOT 1A, BLOCK 9 OF RAILROAD ADDITION, LOTS 1-4, 5 (S/PT), AND 7 BLOCK 9, AMENDED PLAT, RECORDED IN DOCUMENT NO. 2015080695 (O.P.R.W.C.T.), AND BEING ALL OF A CALLED 0.464 ACRE TRACT CONVEYED TO HILL COUNTRY BIBLE CHURCH HUTTO IN DOCUMENT NO. 2016077686 (O.P.R.W.C.T.), AND BEING ALL OF LOTS 1-7 OF THE FINAL PLAT OF THE CO-OP DISTRICT, DEDICATED IN DOCUMENT NO. 2018038896 (O.P.R.W.C.T.), AND BEING ALL OF THE PORTIONS OF WEST LIVE OAK STREET (RIGHT-OF-WAY VARIES), WEST PECAN STREET (RIGHT-OF-WAY VARIES) AND CO-OP BOULEVARD (RIGHT-OF-WAY VARIES) DEDICATED IN SAID CO-OP DISTRICT, SAID 35.1021 ACRES BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:



PO Box 90876
Austin, TX 78709
(512) 537-2384
jward@4wardllc.com
www.4wardllc.com

BEGINNING, at a 1/2-inch iron rod with "RJ" cap found in the south line of Lot 15, Block A, Hutto Square Section 1, recorded in Cabinet W, Slides 263-267 (P.R.W.C.T.), and being the northeast corner of a called 2.814 acre tract conveyed to WLD Petersen Investments-Hutto, LLC, in Document No. 2015048567 (O.P.R.W.C.T.), and being the common north corner of Lots 23 and 24, Block A, of Hutto Square Commercial Lots, recorded in Cabinet Z, Pages 281-282 (P.R.W.C.T.), and being the northwest corner of Lot 1 of said Co-op District, for the northwest corner and **POINT OF BEGINNING** hereof, from which a 1/2-inch iron rod with illegible cap found in the east right-of-way line of Exchange Boulevard (right-of-way varies), and being the southwest corner of Lot 23, Block A of said Hutto Square Section 1, and being the northwest corner of Lot 24, Block A, of said Hutto Square Commercial Lots, and being the northwest corner of said WLD Petersen tract bears, N83°12'42"W, a distance of 422.93 feet;

THENCE, with the south line of Block A of said Hutto Square Section 1 and the north line of Lot 1 of said Co-op District, S83°12'42"E, a distance of 762.58 feet to a 1/2-inch iron rod with illegible cap found for an exterior ell-corner hereof, said point being in the west line of Lot 1, Block 13 of the I. & G. N. Railroad Addition, a subdivision recorded in Volume 50, Page 251 of the Deed Records of Williamson County, Texas (D.R.W.C.T.), and being the southeast corner of Lot 1, Block A of said Hutto Square Section 1, and being the northeast corner of Lot 1 of said Co-op District;

THENCE, in part with the west line of Lot 1, Block 13 of said I. & G. N. Railroad Addition, in part with the west right-of-way line of said W. Live Oak Street, in part with the east line of Lot 1 of said Co-op District, in part over and across said W. Live Oak Street, and in part with the east line of Lot 2 of said Co-op District, S07°51'48"W, a distance of 107.24 feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an angle point hereof, said point being a corner in the south right-of-way line of said W. Live Oak Street,

and being in the north line of Lot 1A, Block 9 of Railroad Addition, Lots 1-4, 5 (S/PT), and 7 Block 9, Amended Plat, recorded in Document No. 2015080695 (O.P.R.W.C.T.), and being a northeast corner of Lot 2 of said Co-op District;

THENCE, with the south right-of-way line of said W. Live Oak Street, in part with the north line of said Lot 1A, and in part with the north line of said 0.464 acre Hill Country Bible Church Hutto tract, the following three (3) courses and distances:

- 1) N77°15'31"E, a distance of 107.40 feet to a calculated point for an interior ell-corner hereof,
- 2) N12°33'04"W, a distance of 10.00 feet to a 1/2-inch iron rod with illegible cap found for an exterior ell-corner hereof, and
- 3) N77°15'31"E, a distance of 180.05 feet to a 1/2-inch iron rod found for the northeast corner hereof, said point being at the intersection of the south right-of-way line of said W. Live Oak Street with the west right-of-way line of West Street (80' right-of-way), and being the northeast corner of said 0.464 acre Hill Country Bible Church Hutto tract;

THENCE, with the west right-of-way line of said West Street, in part with the east line of said 0.464 acre Hill Country Bible Church Hutto tract, and in part with the east line of said Lot 1A, S12°33'09"E, a distance of 261.04 feet to a calculated point for an exterior ell-corner hereof, said point being at the intersection of the west right-of-way line of said West Street with the north right-of-way line of said Pecan Street, and being the southeast corner of said Lot 1A;

THENCE, with the north right-of-way line of said Pecan Street and the south line of said Lot 1A, S77°15'17"W, a distance of 329.78 feet to a calculated point for an interior ell-corner hereof, said point being a corner in the north right-of-way line of said Pecan Street, and being the southwest corner of said Lot 1A;

THENCE, leaving the north right-of-way line of said Pecan Street, over and across said Pecan Street, with the portion of said Pecan Street that was dedicated per plat of said Co-op District, the following four (4) courses and distances:

- 1) S12°32'27"E, a distance of 10.09 feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an exterior ell-corner hereof,
- 2) S77°15'17"W, a distance of 54.99 feet to a 1/2-inch iron rod with illegible cap found for an interior ell-corner hereof,
- 3) S07°51'48"W, a distance of 53.36 feet to a 1/2-inch iron rod with "City of Hutto-Property Corner" aluminum cap found for an interior ell-corner hereof, and
- 4) N77°14'55"E, a distance of 403.39 feet to a calculated point for an exterior ell-corner hereof;

THENCE, in part over and across said Pecan Street, in part with the west right-of-way line of said West Street, and in part with the east line of Lot 4 of said Co-op District, S12°33'09"E, a distance of 195.02 feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an exterior ell-corner hereof, said point being at northeast corner of a called 0.13 acre tract conveyed to Jaspas Properties, LLC, in Document No. 2008077200 (O.P.R.W.C.T.), and being at the southeast corner of Lot 4 of said Co-op District;

THENCE, leaving the west right-of-way line of said West Street, with the south line of Lot 4 of said Co-op District, in part with the north line of said Jaspas Properties tract, and in part with the north line of a tract described as a portion of Lots 5 and 6, Block 8 of said I. & G. N. Railroad Addition, conveyed to Leroy Cast in Volume 1159, Page 263 of the Official Records of Williamson County, Texas (O.R.W.C.T.), S77°14'55"W, a distance of 79.26 feet to a 1/2-inch iron rod with "Ward-5811" cap set for an interior ell-corner hereof, said point being at the northwest corner of a said Cast tract, and being an interior ell-corner of Lot 4 of said Co-op District;

THENCE, with the common line of said Cast tract and Lot 4 of said Co-op District, $S14^{\circ}18'53''E$, a distance of 74.85 feet to a 1/2-inch iron rod with "City of Hutto-Property Corner" aluminum cap found for an exterior ell-corner hereof, said point being in the north right-of-way line of Farley Street (80' right-of-way), and being the southwest corner of said Cast tract, and being an exterior ell-corner of Lot 4 of said Co-op District;

THENCE, with the north right-of-way line of said Farley Street and the south line of Lot 4 of said Co-op District, $S77^{\circ}03'02''W$, a distance of 192.83 feet to an 1/2-inch iron rod with "4Ward Boundary" cap set for an interior ell-corner hereof, said point being at the northwest terminus of said Farley Street, and being the northeast corner of Lot 5 of said Co-op District;

THENCE, in part with the western terminus of said Farley Street, in part with the west line of Block 1 of the Amended Plat of Lots 1 through 9, Inclusive, and Lots 12-13 and 14 and the 17-foot Alley in Block 1 of I&GN Railroad Addition Original City of Hutto, a subdivision plat recorded in Cabinet EE, Slide 293 (P.R.W.C.T.), and with the east lines of Lots 4 and 5 of said Co-op District, $S12^{\circ}42'36''E$, a distance of 349.97 feet to a 1/2-inch iron rod found for the southeast corner hereof, said point being an angle point in the north right-of-way line of U.S. Highway 79 (right-of-way varies), and being the southwest corner of said Block 1 of said Amended plat of Lots 1 through 9, Inclusive, and Lots 12-13 and 14 and the 17-foot Alley in Block 1 of I&GN Railroad Addition Original City of Hutto, and being the southeast corner of Lot 4 of said Co-op District;

THENCE, with the north right-of-way line of said U.S. Highway 79, in part with the south lines of Lots 4 and 6 of said Co-op District, and in part with the south terminus of said Co-Op Boulevard, the following five (5) courses and distances:

- 1) $S68^{\circ}32'09''W$, a distance of 51.41 feet to a 1/2-inch iron rod with illegible cap found for a point of curvature hereof,
- 2) 44.01 Feet along the arc of a curve to the left, having a radius of 2,904.79 feet, and a chord which bears $S72^{\circ}28'08''W$, a distance of 44.01 feet to a TxDot Type II brass disc found for a point of tangency hereof,
- 3) $S72^{\circ}19'10''W$, a distance of 324.62 feet to a TxDot Type II brass disc found for a point of curvature hereof,
- 4) 246.50 Feet along the arc of a curve to the right, having a radius of 2,824.79 feet, and a chord which bears $S74^{\circ}47'48''W$, a distance of 246.42 feet to a 1/2-inch iron rod with "Baker Aicklen" cap found for a point of tangency hereof, and
- 5) $S77^{\circ}20'10''W$, a distance of 249.44 feet to a TxDot Type II brass disc found for the southwest corner hereof, said point being an angle point in the north right-of-way line of said U.S. Highway 79, and being the southeast corner of a called 0.11 acre tract described in Volume 238, Page 172 (D.R.W.C.T.), and being a southwest corner Lot 6 of said Co-op District, from which a 1/2-inch iron rod with illegible cap found at an angle point in the north right-of-way line of said U.S. Highway 79, and being the southeast corner of Lot 25A, Block A of Hutto Square Commercial Lots, Phase B, recorded in Cabinet BB, Slides 184-186 (P.R.W.C.T.), and being the southwest corner of said 0.11 acre tract bears, $S89^{\circ}00'55''W$, a distance of 48.65 feet;

THENCE, leaving the north right-of-way line of said U.S. Highway 79, in part with the east lines of said 0.11 acre tract and said Lot 25A, and in part with the west line of Lot 6 of said Co-op District, $N07^{\circ}31'47''E$, a distance of 321.82 feet to a 1/2-inch iron rod with "Coalter-1481" cap found for an interior ell-corner hereof, said point being the common north corner of said Lot 25A and Lot 6 of said Co-op District;

THENCE, with the common line of said Lot 25A and Lot 6 of said Co-op District, the following two (2) courses and distances:

- 1) N86°13'57"W, a distance of 307.47 feet to a disturbed 1/2-inch iron rod found for an interior ell-corner hereof, and
- 2) S07°20'38"W, a distance of 37.49 feet to 1/2-inch iron rod with "4Ward Boundary" cap set for an exterior ell-corner hereof, said point being at the common east corner of Lot 25B of said of Hutto Square Commercial Lots, Phase B and Lot 6 of said Co-op District;

THENCE, with the south line of Lot 6 of said Co-op District, in part with the north line of said Lots 25A & 25B, in part with the north line of Lot 2A of the Resubdivision of Lot 2, Hutto Exchange, recorded in Cabinet AA, Slides 211-212 (P.R.W.C.T.), and in part with the east right-of-way line of Exchange Boulevard, the following two (2) courses and distances:

- 1) N79°31'52"W, a distance of 188.64 feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an angle point hereof, and
- 2) N67°36'52"W, a distance of 211.01 feet to a chiseled "X" found in concrete for the southwest corner hereof, said point being a corner in the east right-of-way line of said Exchange Boulevard, and being a southwest corner of Lot 6 of said Co-op District;

THENCE, with the east right-of-way line of said Exchange Boulevard and the west line of Lot 6 of said Co-op District, the following four (4) courses and distances:

- 1) 15.69 Feet along the arc of a curve to the left, having a radius of 680.00 feet, and a chord which bears N07°41'36"W, a distance of 15.69 feet to a mag nail with "4Ward Boundary" washer set for a point of reverse curvature hereof,
- 2) 193.73 Feet along the arc of a curve to the right, having a radius of 370.00 feet, and a chord which bears N06°38'44"E, a distance of 191.52 feet to a mag nail in asphalt found for a point of reverse curvature hereof,
- 3) 96.13 Feet along the arc of a curve to the left, having a radius of 430.00 feet, and a chord which bears N15°13'50"E, a distance of 95.93 feet to a chiseled "X" found in concrete for a point of non-tangency hereof, said point being at a corner in the east right-of-way line of said Exchange Boulevard, and being the northwest corner of said Lot 14, and
- 4) S83°05'40"E, a distance of 5.40 feet to a 1/2-inch iron rod with "RJ" cap found for an interior ell-corner hereof, said point being at a corner in the east right-of-way line of said Exchange Boulevard, and being in the north line of Lot 6 of said Co-op District, and being the southwest corner of said Williamson County tract, and being a southwest corner of said Lot 23;

THENCE, with the east right-of-way line of said Exchange Boulevard, and with the west line of said Williamson County tract, and in part with the west lines of said Lots 23 & 24, the following four (4) courses and distances:

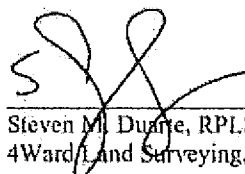
- 1) 25.84 Feet along the arc of a curve to the left, having a radius of 435.00 feet, and a chord which bears N07°40'10"E, a distance of 25.83 feet to a 1/2-inch iron rod with "RJ" cap found for a point of tangency hereof,
- 2) N05°38'31"E, a distance of 151.41 feet to a 1/2-inch iron rod with "RJ" cap found for a point of curvature hereof,
- 3) 134.63 Feet along the arc of a curve to the right, having a radius of 1,965.00 feet, and a chord which bears N07°27'50"E, a distance of 134.61 feet to a calculated point for a point of tangency hereof, and
- 4) N09°32'37"E, a distance of 97.41 feet to a 1/2-inch iron rod with illegible cap found for a northwest corner hereof, said being the southwest corner of said W L D Petersen tract, and being the northwest corner of said Williamson County tract;

THENCE, leaving the east right-of-way line of said Exchange Boulevard, with the common line of said W L D Petersen tract and said Williamson County tract, $S83^{\circ}11'49''E$, a distance of 439.42 feet to a 1/2-inch iron rod with illegible cap found for an interior ell-corner hereof, said point being in the west line of Lot 2 of said Co-op District, and being in the west line of said Lot 24, and being the common east corner of said W L D Petersen tract and said Williamson County tract;

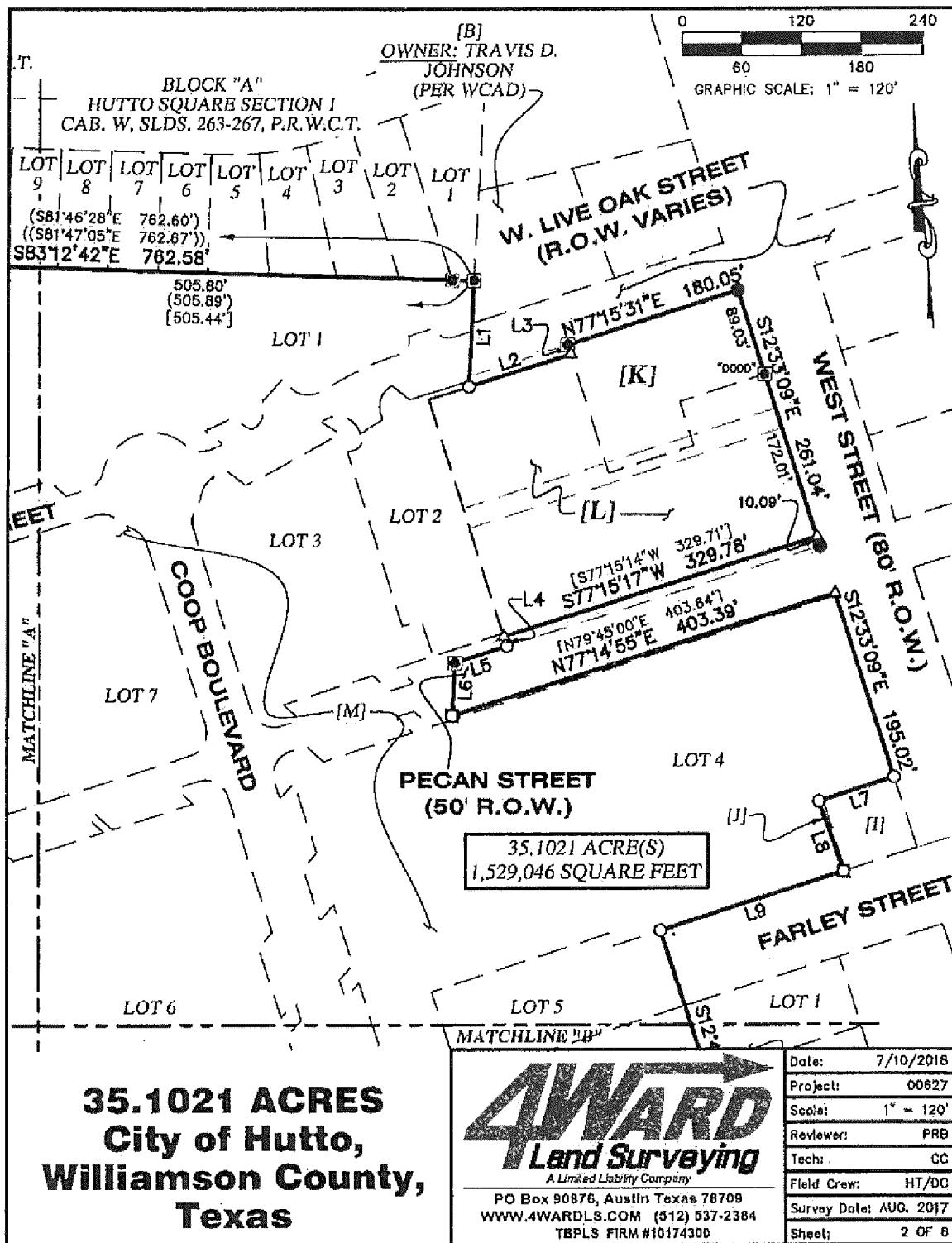
THENCE, with the east line of said W L D Petersen tract and Lot 24 of said Hutto Square Commercial Lots, and with the west line of said Lot 1 of said Co-op District, $N05^{\circ}40'42''E$, a distance of 284.77 feet to the **POINT OF BEGINNING** and containing 35.1021 Acres (1,529,046 Square Feet) of land, more or less.

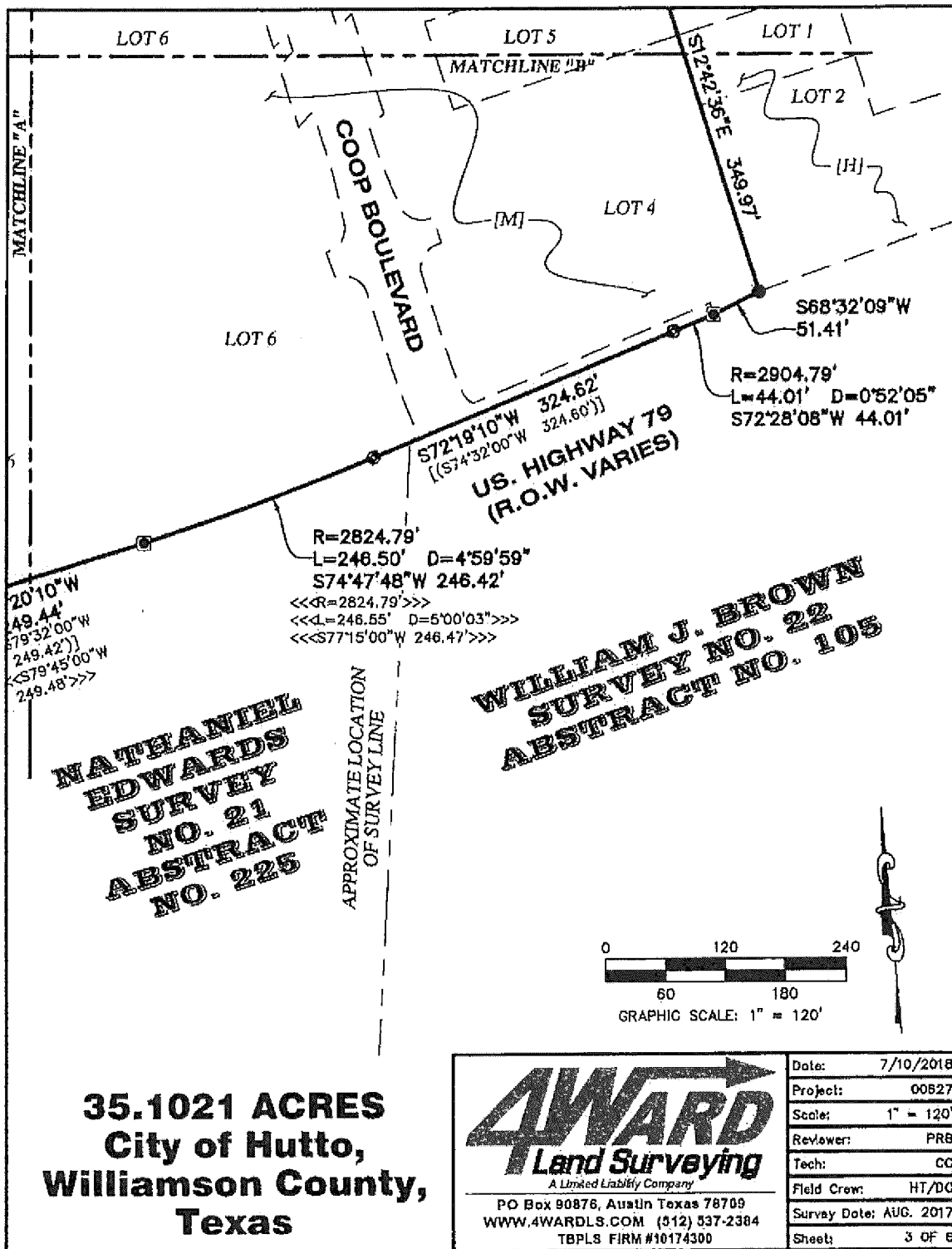
NOTE:

All bearings are based on the Texas State Plane Coordinate System, Grid North, Central Zone (4203), all distances were adjusted to surface using a combined scale factor of 1.000117952327. See attached sketch (reference drawing: 00627_rev2.dwg).

 7/10/2018
Steven M. Duarte, RPLS #5940
4Ward Land Surveying, LLC







P:\00627\Drawg\00627_Zoning Exhibit (2017)-rev2.dwg

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	BEARING	DISTANCE
C1	15.69'	680.00'	1°19'19"	N07°41'36"W	15.69'
C2	193.73'	370.00'	29°59'57"	N08°38'44"E	191.52'
C3	95.13'	430.00'	12°46'33"	N15°13'50"E	95.93'
C4	25.84'	435.00'	3°24'12"	N07°40'10"E	25.83'
C5	134.63'	1,965.00'	3°55'33"	N07°27'50"E	134.61'

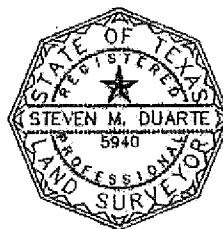
RECORD CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	BEARING	DISTANCE
[C1]	15.69'	680.00'	1°19'19"	N04°50'20"W	15.69'
[C2]	193.74'	370.00'	30°00'02"	N09°30'00"E	191.53'
[C3]	95.84'	430.00'	12°46'12"	N18°08'54"E	95.64'
(C4)	25.81'	435.00'	3°24'00"	N08°42'03"E	25.81'
((C4)))	25.81'	435.00'	3°24'00"	N08°42'03"E	25.81'
(C5)	134.74'	1,965.00'	3°55'44"	N08°57'55"E	134.72'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S07°51'48"W	107.24'
L2	N77°15'31"E	107.40'
L3	N12°33'04"W	10.00'
L4	S12°32'27"E	10.09'
L5	S77°15'17"W	54.99'
L6	S07°51'48"W	53.38'
L7	S77°14'55"W	79.28'
L8	S14°18'53"E	74.85'
L9	S77°03'02"W	192.63'
L10	S07°20'38"W	37.49'
L11	S83°05'40"E	5.40'

NOTES:

1) ALL BEARINGS ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, GRID NORTH, CENTRAL ZONE, (4203), NAD83, ALL DISTANCES WERE ADJUSTED TO SURFACE USING A COMBINED SCALE FACTOR OF 1.000117952327.

2) SEE ATTACHED METES AND BOUNDS.



Signature 7/10/2018

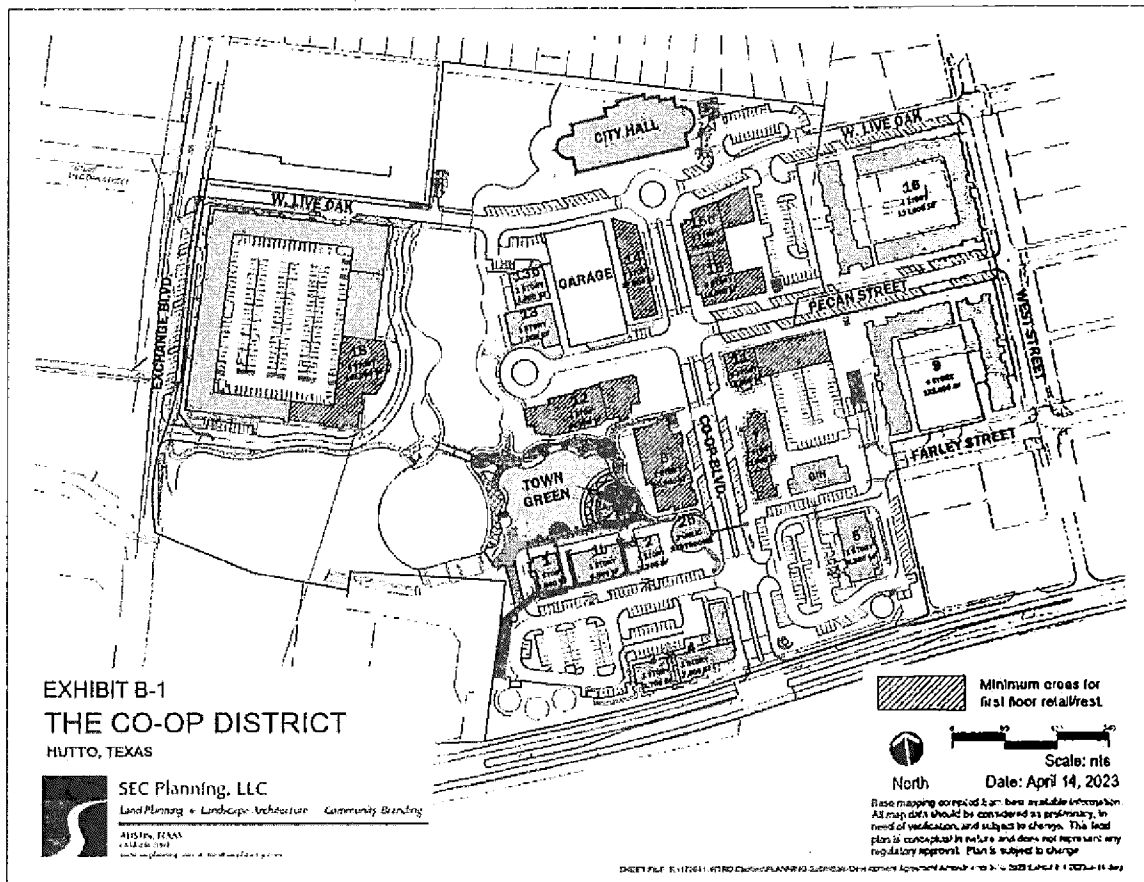
35.1021 ACRES
City of Hutto,
Williamson County,
Texas

 4WARD <i>Land Surveying</i> A Limited Liability Company PO Box 90876, Austin Texas 78709 WWW.4WARDLS.COM (512) 637-2384 TBPLS FIRM #10174390	Date:	7/10/2018
	Project:	00827
	Scale:	1" = 120'
	Reviewer:	PRB
	Tech:	CC
	Field Crew:	HT/DC
	Survey Date:	AUG. 2017
	Sheet:	5 OF 6

P:\00627\Draw\00627_Zoning Exhibit (2017)-rev2.dwg

EXHIBIT "B-1"

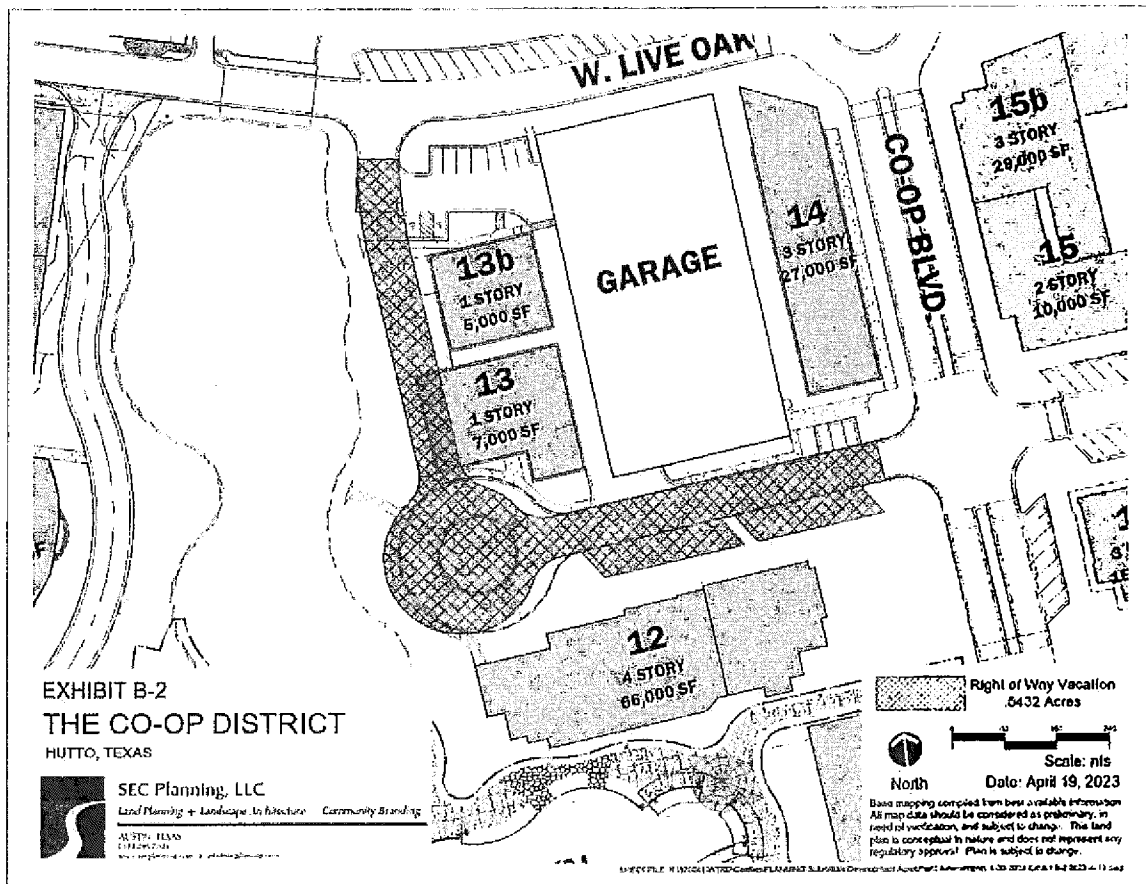
MINIMUM FIRST FLOOR RETAIL AREAS



RECORDERS MEMORANDUM

All or parts of the text on this page was not
 clearly legible for satisfactory recordation

EXHIBIT "B-2"
ROW VACATION



RECORDERS MEMORANDUM

All or parts of the text on this page was not
clearly legible for satisfactory recordation

EXHIBIT "C"

ADDITIONAL CONSTRUCTION CONDITIONS

1. Following the Restatement Effective Date hereof, all buildings not yet constructed or under construction must be at least two-story~~stories~~stories, except as set forth in No. 2 below, or except with a Special Use Permit.

2. Single-story restaurants shall be allowed that either front, or back up to, the lake or town green.

3. Multifamily-projects (other than the former Flix site, which is expressly discussed below in Paragraph 4, may be constructed within the Co-Op District so long as the first floor of all buildings as specifically identified on Exhibit B-1 are restricted to retail/restaurant/entertainment uses, except via Special Use Permit. Exceptions to these frontage requirements are allowed for entry drives to internal parking, stairwells, leasing offices, and convention space.

Live/work units, or dedicated stand-alone condominiums, or spaces that have an office appearing front facade that can function as a place to conduct business and reside, may be allowed on the first floor of buildings with consent of the City Council for the sections that are not primary retail, dining or entertainment corridors, such as Farley Street east of Coop Blvd, or sections of Pecan or West Street.

All allowed uses in the Planned Unit Development (PUD) (save and except Prohibited Uses as set forth in Exhibit D, including office space and multi-family uses, can occupy space on the second floor and above anywhere within the boundaries of the PUD.

Residential units shall not be required over restaurant uses, due to odors and noise.

4. Any multi-family project on the northwest portion of the Co-Op District (i.e., the former Flix site) must be constructed with first floor retail/restaurant/entertainment at a minimum of the area as identified on Exhibit B-1.

5. Parking Garage. Developer shall construct or cause to be constructed, a parking garage as shown in the location on the attached Exhibit B-1, with at least 400 parking spaces (the "Parking Garage"). Such parking spaces shall be open to the public since ~~it~~they will primarily serve City Hall, the adjacent restaurants, and possible office space. Developer may designate spaces within the Parking Garage as short-term vs. long-term, and other reasonable conditions (so for example, to require all-day employee parking to be on higher levels than short-term guests and visitors), based on uses and peak hour parking.

6. Re-plat of that portion of the property as is necessary to construct the Parking Garage and the next-door restaurant or restaurants, including the partial vacation of Pecan Street right-of-way, ("ROW"), per Exhibit B-2 shall be in accordance with the Unified Development Code and City

Manager authority to vacate ROW. The portion of the ROW vacation along the water will be replaced with patio and pedestrian promenade overlooking the lake. The portion of the ROW vacation that runs east/west will be a private road ending in a cul-de-sac. If vacation of ROW occurs, and developer fails to construct the Parking Garage and restaurant(s) that justified the vacation, then Developer shall rededicate the ROW by way of a plat amendment before any new development applications would be considered complete.

7. Buildings constructed within the Project may be constructed using zero-lot lines (no setbacks) as a basis for increasing density within the Project.

8. Once construction has begun on the Parking Garage and Restaurant, and the City has received plans for the former Flix Site that contains a fully wrapped urban style project wrapping a parking garage for both resident, visitor and public uses, and includes first floor or street level uses for dining, retail or entertainment uses as shown in Exhibit B-1, the re-plat of that portion of the property and abandon the on street parking on Live Oak on the former Flix Site, including the vacation of Live Oak ROW on said site.

9. During construction throughout the Co-Op District, temporary parking lots shall be allowed with an amended and approved site plan.

10. Upon completion of the Parking Garage, such that it is made available for City Hall parking at least 66 spaces on the top floor of the Parking Garage (reserved from 8am to 5pm Monday thru Friday), that Lot 2 of the Co-Op Plat (being the site of the existing City Hall temporary parking lot) shall be conveyed to the Developer within 30 days subject to the provisions of this Restatement.

11. Developer (or successor owner of the property) shall not be responsible for additional offsite construction costs except as required for uses that require additional capacity above the City approved 635 LUE's. Developer may increase the LUE's based on an actual use of water and sewer study and with the approval of a Service Extension Request

12. Concurrent building permits and site development permit applications may be filed by the Developer subject to at risk to the Developer, to expedite timing of construction.

13. The current rules and ordinances allow for sip and stroll of alcoholic beverages (open containers in public) and that there are no prohibitions or restrictions with regard to proximity of alcohol sales to church or education facilities beyond what is accounted for in State law. The Project will have the right to continue sip and stroll and future restrictions that may be enacted by the City in regard to proximity of alcohol sales to church or educational facilities shall not apply.

EXHIBIT "D"**PROHIBITED USES**

Adult entertainment; Auto body repair shops; Automotive car wash; Automotive parts stores; Automotive service centers; Bank lobbies/bank branches (except for the space where the signed lease with The First National Bank of Sonora Texas is); Boat sales establishments; Building, electrical, or plumbing contractors; Building material sales with outdoor storage; Equipment rental, sales, or service (including heavy equipment, farm equipment, bulldozers, backhoes, forklifts, cranes, etc.); Emissions inspection stations; Funeral homes or mausoleums; Heavy equipment and farm equipment sales and service, and truck rental; Lawnmower repair shops; Liquor stores (except as may be permitted in the Development Agreement); Log-splitting and storage lots; Manufactured homes; Mattress stores, Mobile home or mobile building leasing or sales lots; Machine or welding shops; Mini-warehouse facilities; New and used automobile sales and/or rental with outside storage of inventory; Pawn shops; Pest control businesses that store toxic chemicals on site; Payday Loans; Recovered materials processing; Motels that provide outside entries to individual units; Outdoor sales except via vendor permits; Outdoor storage of inventory; Self service laundries that are principal uses; Self-storage; Tattoo parlors; Taxidermists; Yard trimmings composting; Veterinarians.

EXHIBIT "E"**HB 1295 COMPLIANCE AND NO BOYCOTT VERIFICATION****A. HB 1295 Compliance.**

Section 2252.908 of the Texas Government Code requires that for certain types of contracts, the Owner must fill out a conflict-of-interest form ("Disclosure of Interested Parties") and file with the Texas Ethics Commission at the time the signed contract is submitted to the City. For further information please go to the Texas Ethics Commission website via the following link.
https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm.

B. No Boycott of Israel; No Terrorist Organization.

Pursuant to Section 2270.002, Texas Government Code, the Owner hereby represents that it and its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, do not boycott Israel and, to the extent this Indenture is a contract for goods or services, will not boycott Israel during the term of this Indenture. The foregoing verification is made solely to comply with Section 2270.002, Texas Government Code, and to the extent such Section does not contravene applicable Federal law. As used in the foregoing verification, "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.

The Owner understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the Owner and exists to make a profit.

Pursuant to Subchapter F, Chapter 2252, Texas Government Code, the Owner represents that neither it nor any of its parent company, wholly- or majority-owned subsidiaries, and other affiliates is a company identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 2252.153 or Section 2270.0201, Texas Government Code, and posted on any of the following pages of such officer's internet website:

<https://comptroller.texas.gov/purchasing/docs/sudan-list.pdf>,
<https://comptroller.texas.gov/purchasing/docs/iran-list.pdf>, or
<https://comptroller.texas.gov/purchasing/docs/fto-list.pdf>.

The foregoing representation is made solely to comply with Section 2252.152, Texas Government Code, and to the extent such Section does not contravene applicable Federal law and excludes the Owner and each of its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, that the United States government has

affirmatively declared to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization. The Owner understands "affiliate" to mean any entity that controls, is controlled by, or is under common control with the Owner and exists to make a profit.

C. Verification Regarding Energy Company Boycotts.

To the extent this Agreement constitutes a contract for goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 13, 87th Texas Legislature, Regular Session) as amended, the Owner hereby verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other affiliates, if any, do not boycott energy companies and, will not boycott energy companies during the term of this Agreement. The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, "boycott energy companies" shall have the meaning assigned to the term "boycott energy company" in Section 809.001, Texas Government Code. The Owner understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the Owner and exists to make a profit.

D. Verification Regarding Discrimination Against Firearm Entity or Trade Association.

To the extent this Agreement constitutes a contract for the purchase of goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 19, 87th Texas Legislature, Regular Session, "SB 19"), as amended, the hereby verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other affiliates, if any,

- (1) do not have a practice, policy, guidance or directive that discriminates against a firearm entity or firearm trade association; and
- (2) will not discriminate during the term of this Agreement against a firearm entity or firearm trade association.

The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, "discriminate against a firearm entity or firearm trade association" shall have the meaning assigned to such term in Section 2274.001(3), Texas Government Code (as added by SB 19). The Owner understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the Owner and exists to make a profit.

VERIFICATION BY DEVELOPER

I, Edward S. Butler, Sole Member of 420 US 79 GP, LLC, as the authorized representative of and for the above Developer and swear that the Developer's verifications in Paragraph 4.12 of this Agreement are true.

By: _____
Edward S. Butler, Sole Member

STATE OF TEXAS §

COUNTY OF WILLIAMSON §

This HB 1295 Compliance and No Boycott Verification was acknowledged and verified before me on the ____ day of ____, 2023 by, Edward S. Butler, Sole Member of 420 US 79 GP, LLC, a Texas limited liability company, on behalf of 420 US 79 GP, LLC.

SUBSCRIBED AND SWORN TO before me on this ____ day of ____, 2023.

[SEAL]

Notary Signature

EXHIBIT "G"**HB 1295 COMPLIANCE AND NO BOYCOTT VERIFICATION****A. HB 1295 Compliance.**

Section 2252.908 of the Texas Government Code requires that for certain types of contracts, the Owner must fill out a conflict-of-interest form ("Disclosure of Interested Parties") and file with the Texas Ethics Commission at the time the signed contract is submitted to the City. For further information please go to the Texas Ethics Commission website via the following link.
https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm.

B. No Boycott of Israel; No Terrorist Organization.

Pursuant to Section 2270.002, Texas Government Code, the Owner hereby represents that it and its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, do not boycott Israel and, to the extent this Indenture is a contract for goods or services, will not boycott Israel during the term of this Indenture. The foregoing verification is made solely to comply with Section 2270.002, Texas Government Code, and to the extent such Section does not contravene applicable Federal law. As used in the foregoing verification, "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.

The Owner understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the Owner and exists to make a profit.

Pursuant to Subchapter F, Chapter 2252, Texas Government Code, the Owner represents that neither it nor any of its parent company, wholly- or majority-owned subsidiaries, and other affiliates is a company identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 2252.153 or Section 2270.0201, Texas Government Code, and posted on any of the following pages of such officer's internet website:

<https://comptroller.texas.gov/purchasing/docs/sudan-list.pdf>,
<https://comptroller.texas.gov/purchasing/docs/iran-list.pdf>, or
<https://comptroller.texas.gov/purchasing/docs/fto-list.pdf>.

The foregoing representation is made solely to comply with Section 2252.152, Texas Government Code, and to the extent such Section does not contravene applicable Federal law and excludes the Owner and each of its parent company, wholly- or majority-owned subsidiaries, and other affiliates, if any, that the United States government has

affirmatively declared to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization. The Owner understands "affiliate" to mean any entity that controls, is controlled by, or is under common control with the Owner and exists to make a profit.

C. Verification Regarding Energy Company Boycotts.

To the extent this Agreement constitutes a contract for goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 13, 87th Texas Legislature, Regular Session) as amended, the Owner hereby verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other affiliates, if any, do not boycott energy companies and, will not boycott energy companies during the term of this Agreement. The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, "boycott energy companies" shall have the meaning assigned to the term "boycott energy company" in Section 809.001, Texas Government Code. The Owner understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the Owner and exists to make a profit.

D. Verification Regarding Discrimination Against Firearm Entity or Trade Association.

To the extent this Agreement constitutes a contract for the purchase of goods or services for which a written verification is required under Section 2274.002, Texas Government Code, (as added by Senate Bill 19, 87th Texas Legislature, Regular Session, "SB 19"), as amended, the hereby verifies that it and its parent company, wholly- or majority- owned subsidiaries, and other affiliates, if any,

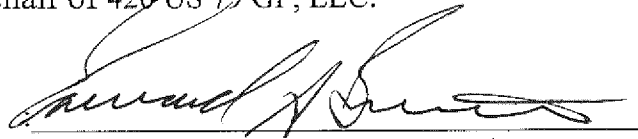
- (1) do not have a practice, policy, guidance or directive that discriminates against a firearm entity or firearm trade association; and
- (2) will not discriminate during the term of this Agreement against a firearm entity or firearm trade association.

The foregoing verification is made solely to comply with Section 2274.002, Texas Government Code, as amended, to the extent Section 2274.002, Texas Government Code does not contravene applicable Texas or federal law. As used in the foregoing verification, "discriminate against a firearm entity or firearm trade association" shall have the meaning assigned to such term in Section 2274.001(3), Texas Government Code (as added by SB 19). The Owner understands "affiliate" to mean an entity that controls, is controlled by, or is under common control with the Owner and exists to make a profit.

STATE OF TEXAS §

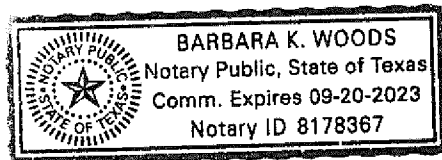
COUNTY OF WILLIAMSON §

This HB 1295 Compliance and No Boycott Verification was acknowledged before me on the 4th day of May, 2023 by, Edward S. Butler, Sole Member of 420 US 79 GP, LLC, a Texas limited liability company, on behalf of 420 US 79 GP, LLC.

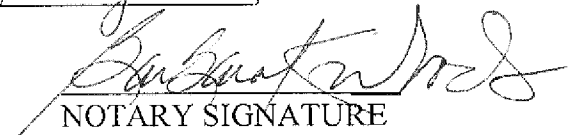


Edward S. Butler, Sole Member
420 US 79 GP, LLC

SUBSCRIBED AND SWORN TO before me this 4th day May, 2023.



SEAL



NOTARY SIGNATURE

**ELECTRONICALLY RECORDED
OFFICIAL PUBLIC RECORDS**

2023037588

Pages: 33 Fee: \$154.00
05/09/2023 03:08 PM
DLAM



Nancy E. Rister

Nancy E. Rister, County Clerk
Williamson County, Texas



June 21, 2023

Ashley Bailey, Director
City of Hutto Planning Department
210 U.S. 79 East Suite 103
Hutto, TX 78634

Re: The Co-op District Planned Unit Development (PUD) Amendment #2

Dear Ashley,

Please find enclosed a zoning application to amend the currently approved PUD for the Hutto Co-op District. The PUD is being amended to expand the list of prohibited uses per recent negotiations regarding the CO-OP Development Agreement.

If you have any questions or need additional information regarding the zoning amendment, please do not hesitate to contact me. Thank you for your assistance in processing this zoning request.

Sincerely,

Mark Baker, ASLA
Principal

ORDINANCE NO. O-2023-71

AN ORDINANCE OF THE CITY OF HUTTO, TEXAS AMENDING THE CO-OP DISTRICT PLANNED UNIT DEVELOPMENT (PUD) ZONING ORDINANCE ADOPTED IN ORDINANCE NO. O-19-05-16-11B, BY REPLACING THE DEVELOPMENT PLAN WITH THE REVISED PLAN ATTACHED AS EXHIBIT "B" AND ATTACHED HERETO, FOR 35.1021 ACRES, MORE OR LESS, OF LAND, IN HUTTO, WILLIAMSON COUNTY, TEXAS AND MORE PARTICULARLY DESCRIBED IN EXHIBIT "A" ATTACHED HERETO; PROVIDING FOR A PUBLICATION CLAUSE, SEVERABILITY CLAUSE, REPEALING CLAUSE, OPEN MEETING CLAUSE, PENALTY CLAUSE AND EFFECTIVE DATE.

WHEREAS, a request has been made to the City Council of the City of Hutto, Texas to amend the Co-Op District Planned Unit Development (PUD) by replacing the Development Plan with the revised plan attached as **Exhibit "B"** being attached hereto and incorporated herein, and;

WHEREAS, the Planning and Zoning Commission recommended approval of the proposed amendment on the 10th day of October, 2023, and;

WHEREAS, on the 12th day of October, 2023 after proper notification, the City Council held a public hearing on the requested amendment, and;

WHEREAS, the City Council determines that the zoning ordinance amendment provided for herein promotes the health, safety, morals and protects and preserves the general welfare of the community, and;

WHEREAS, each and every requirement set forth in Chapter 211, Sub-Chapter A., Texas Local Government Code, and Article 14.02.002, Code of Ordinances (2007 Edition), City of Hutto, Texas concerning public notices, hearings, and other procedural matters has been fully complied with, Now therefore

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS:

SECTION I.

That the City Council has considered and made findings on the following matters regarding the proposed amendment:

- 1) The PUD is consistent with the spirit of the community, neighborhood and other applicable land use and development plans, compatible with the character of adjacent development or recommended land uses, it would not adversely affect property near the site, and it achieves the benefits of improved design; and
- 2) The PUD will not adversely affect land with significant historical, cultural, recreational or aesthetic value; and
- 3) The PUD will give benefits through providing open space, parks, conservation of environmental features, aesthetic features and harmonious design, and/or energy efficient site design; and
- 4) The benefits of preserving land for open space, parks or other public amenities outweigh the potential impact from more intense or dense development on the site; and
- 5) The PUD controls external effects on nearby land uses such as movement and congestion of traffic; lighting; trash accumulation and litter; noise, air and water pollution; and other factors affecting public health, welfare, safety and convenience; and

- 6) The PUD will be served by adequate facilities including streets, fire protection, water and sanitation; and
- 7) The PUD does not have a significantly greater burden on the city's existing infrastructure, public improvements and services than development at a density permitted under the current zoning or suggested under community, neighborhood and other applicable land use and development plans, or arrangements are made to mitigate impacts; and
- 8) PUD architectural design, landscaping, hardscaping and signage parameters must give evidence of compatibility with adjacent development, internal consistency of design, and conformance to city design standards.

That the Co-Op District Planned Unit Development (PUD) is hereby amended for the property described in the **Exhibit "A"**, attached hereto and incorporated herein, and the Development Plan attached hereto as **Exhibit "B"** and incorporated herein.

SECTION II. Publication Clause

The City Secretary of the City of Hutto is hereby authorized and directed to publish the caption of this ordinance in the manner and for the length of time prescribed by law.

SECTION III. Severability Clause

The provisions of this ordinance are severable, and if any sentence, section, or other parts of this ordinance should be found to be invalid, such invalidity shall not affect the remaining provisions, and the remaining provisions shall continue in full force and effect.

SECTION IV. Repealing Clause

All ordinances and resolutions and parts thereof in conflict herewith are hereby expressly repealed insofar as they conflict.

SECTION V. Open Meeting Clause

The City Council hereby finds and declares that written notice of the date, hour, place, and subject of the meeting at which this ordinance was adopted was posted and that such meeting was open to the public as required by law at all times during which this ordinance and the subject hereof were discussed, considered, and formerly acted upon, all as required by the Open Meetings Act, Chapter 551, Texas Government Code, as amended.

SECTION VI. Effective Date

This ordinance shall take effect and be in force from and after its passage.

READ on first reading on this the **12th** day of **October, 2023** at a meeting of the Hutto, Texas City Council; there being a quorum present.

READ, PASSED and ADOPTED on second reading of ordinance this ____ day of _____, **2023** at a meeting of the Hutto, Texas City Council; there being a quorum present.

THE CITY OF HUTTO, TEXAS

Mike Snyder, Mayor

Attest:

Angela Lewis, City Secretary



PO Box 90876
Austin, TX 78709
(512) 537-2384
jward@4wardls.com
www.4wardls.com

Legal Description

BEING A DESCRIPTION OF A TRACT OF LAND CONTAINING 35.1021 ACRES (1,529,046 SQUARE FEET), PARTIALLY OUT OF THE WILLIAM J. BROWN SURVEY NO. 22, ABSTRACT NO. 105, AND PARTIALLY OUT OF THE NATHANIEL EDWARDS SURVEY NO. 21, ABSTRACT NO. 225, BOTH IN WILLIAMSON COUNTY, TEXAS, AND BEING ALL OF A CALLED 4.43 ACRE TRACT CONVEYED TO WILLIAMSON COUNTY IN DOCUMENT NO. 2005053311 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS (O.P.R.W.C.T.), SAID TRACT BEING A PORTION OF LOTS 23 & 24, BLOCK A, HUTTO SQUARE COMMERCIAL LOTS, RECORDED IN CABINET Z, PAGES 281-282 OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS (P.R.W.C.T.), AND BEING ALL OF LOT 1A, BLOCK 9 OF RAILROAD ADDITION, LOTS 1-4, 5 (S/PT), AND 7 BLOCK 9, AMENDED PLAT, RECORDED IN DOCUMENT NO. 2015080695 (O.P.R.W.C.T.), AND BEING ALL OF A CALLED 0.464 ACRE TRACT CONVEYED TO HILL COUNTRY BIBLE CHURCH HUTTO IN DOCUMENT NO. 2016077686 (O.P.R.W.C.T.), AND BEING ALL OF LOTS 1-7 OF THE FINAL PLAT OF THE CO-OP DISTRICT, DEDICATED IN DOCUMENT NO. 2018038896 (O.P.R.W.C.T.), AND BEING ALL OF THE PORTIONS OF WEST LIVE OAK STREET (RIGHT-OF-WAY VARIES), WEST PECAN STREET (RIGHT-OF-WAY VARIES) AND CO-OP BOULEVARD (RIGHT-OF-WAY VARIES) DEDICATED IN SAID CO-OP DISTRICT, SAID 35.1021 ACRES BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING, at a 1/2-inch iron rod with “RJ” cap found in the south line of Lot 15, Block A, Hutto Square Section 1, recorded in Cabinet W, Slides 263-267 (P.R.W.C.T.), and being the northeast corner of a called 2.814 acre tract conveyed to WLD Petersen Investments-Hutto, LLC, in Document No. 2015048567 (O.P.R.W.C.T.), and being the common north corner of Lots 23 and 24, Block A, of Hutto Square Commercial Lots, recorded in Cabinet Z, Pages 281-282 (P.R.W.C.T.), and being the northwest corner of Lot 1 of said Co-op District, for the northwest corner and **POINT OF BEGINNING** hereof, from which a 1/2-inch iron rod with illegible cap found in the east right-of-way line of Exchange Boulevard (right-of-way varies), and being the southwest corner of Lot 23, Block A of said Hutto Square Section 1, and being the northwest corner of Lot 24, Block A, of said Hutto Square Commercial Lots, and being the northwest corner of said WLD Petersen tract bears, N83°12’42”W, a distance of 422.93 feet;

THENCE, with the south line of Block A of said Hutto Square Section 1 and the north line of Lot 1 of said Co-op District, **S83°12’42”E**, a distance of **762.58** feet to a 1/2-inch iron rod with illegible cap found for an exterior ell-corner hereof, said point being in the west line of Lot 1, Block 13 of the I. & G. N. Railroad Addition, a subdivision recorded in Volume 50, Page 251 of the Deed Records of Williamson County, Texas (D.R.W.C.T.), and being the southeast corner of Lot 1, Block A of said Hutto Square Section 1, and being the northeast corner of Lot 1 of said Co-op District;

THENCE, in part with the west line of Lot 1, Block 13 of said I. & G. N. Railroad Addition, in part with the west right-of-way line of said W. Live Oak Street, in part with the east line of Lot 1 of said Co-op District, in part over and across said W. Live Oak Street, and in part with the east line of Lot 2 of said Co-op District, **S07°51’48”W**, a distance of **107.24** feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an angle point hereof, said point being a corner in the south right-of-way line of said W. Live Oak Street,

and being in the north line of Lot 1A, Block 9 of Railroad Addition, Lots 1-4, 5 (S/PT), and 7 Block 9, Amended Plat, recorded in Document No. 2015080695 (O.P.R.W.C.T.), and being a northeast corner of Lot 2 of said Co-op District;

THENCE, with the south right-of-way line of said W. Live Oak Street, in part with the north line of said Lot 1A, and in part with the north line of said 0.464 acre Hill Country Bible Church Hutto tract, the following three (3) courses and distances:

- 1) **N77°15'31"E**, a distance of **107.40** feet to a calculated point for an interior ell-corner hereof,
- 2) **N12°33'04"W**, a distance of **10.00** feet to a 1/2-inch iron rod with illegible cap found for an exterior ell-corner hereof, and
- 3) **N77°15'31"E**, a distance of **180.05** feet to a 1/2-inch iron rod found for the northeast corner hereof, said point being at the intersection of the south right-of-way line of said W. Live Oak Street with the west right-of-way line of West Street (80' right-of-way), and being the northeast corner of said 0.464 acre Hill Country Bible Church Hutto tract;

THENCE, with the west right-of-way line of said West Street, in part with the east line of said 0.464 acre Hill Country Bible Church Hutto tract, and in part with the east line of said Lot 1A, **S12°33'09"E**, a distance of **261.04** feet to a calculated point for an exterior ell-corner hereof, said point being at the intersection of the west right-of-way line of said West Street with the north right-of-way line of said Pecan Street, and being the southeast corner of said Lot 1A;

THENCE, with the north right-of-way line of said Pecan Street and the south line of said Lot 1A, **S77°15'17"W**, a distance of **329.78** feet to a calculated point for an interior ell-corner hereof, said point being a corner in the north right-of-way line of said Pecan Street, and being the southwest corner of said Lot 1A;

THENCE, leaving the north right-of-way line of said Pecan Street, over and across said Pecan Street, with the portion of said Pecan Street that was dedicated per plat of said Co-op District, the following four (4) courses and distances:

- 1) **S12°32'27"E**, a distance of **10.09** feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an exterior ell-corner hereof,
- 2) **S77°15'17"W**, a distance of **54.99** feet to a 1/2-inch iron rod with illegible cap found for an interior ell-corner hereof,
- 3) **S07°51'48"W**, a distance of **53.36** feet to a 1/2-inch iron rod with "City of Hutto-Property Corner" aluminum cap found for an interior ell-corner hereof, and
- 4) **N77°14'55"E**, a distance of **403.39** feet to a calculated point for an exterior ell-corner hereof;

THENCE, in part over and across said Pecan Street, in part with the west right-of-way line of said West Street, and in part with the east line of Lot 4 of said Co-op District, **S12°33'09"E**, a distance of **195.02** feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an exterior ell-corner hereof, said point being at northeast corner of a called 0.13 acre tract conveyed to Jaspas Properties, LLC, in Document No. 2008077200 (O.P.R.W.C.T.), and being at the southeast corner of Lot 4 of said Co-op District;

THENCE, leaving the west right-of-way line of said West Street, with the south line of Lot 4 of said Co-op District, in part with the north line of said Jaspas Properties tract, and in part with the north line of a tract described as a portion of Lots 5 and 6, Block 8 of said I. & G. N. Railroad Addition, conveyed to Leroy Cast in Volume 1159, Page 263 of the Official Records of Williamson County, Texas (O.R.W.C.T.), **S77°14'55"W**, a distance of **79.26** feet to a 1/2-inch iron rod with "Ward-5811" cap set for an interior ell-corner hereof, said point being at the northwest corner of a said Cast tract, and being an interior ell-corner of Lot 4 of said Co-op District;

THENCE, with the common line of said Cast tract and Lot 4 of said Co-op District, **S14°18'53"E**, a distance of **74.85** feet to a 1/2-inch iron rod with "City of Hutto-Property Corner" aluminum cap found for an exterior ell-corner hereof, said point being in the north right-of-way line of Farley Street (80' right-of-way), and being the southwest corner of said Cast tract, and being an exterior ell-corner of Lot 4 of said Co-op District;

THENCE, with the north right-of-way line of said Farley Street and the south line of Lot 4 of said Co-op District, **S77°03'02"W**, a distance of **192.83** feet to an 1/2-inch iron rod with "4Ward Boundary" cap set for an interior ell-corner hereof, said point being at the northwest terminus of said Farley Street, and being the northeast corner of Lot 5 of said Co-op District;

THENCE, in part with the western terminus of said Farley Street, in part with the west line of Block 1 of the Amended Plat of Lots 1 through 9, Inclusive, and Lots 12-13 and 14 and the 17-foot Alley in Block 1 of I&GN Railroad Addition Original City of Hutto, a subdivision plat recorded in Cabinet EE, Slide 293 (P.R.W.C.T.), and with the east lines of Lots 4 and 5 of said Co-op District, **S12°42'36"E**, a distance of **349.97** feet to a 1/2-inch iron rod found for the southeast corner hereof, said point being an angle point in the north right-of-way line of U.S. Highway 79 (right-of-way varies), and being the southwest corner of said Block 1 of said Amended plat of Lots 1 through 9, Inclusive, and Lots 12-13 and 14 and the 17-foot Alley in Block 1 of I&GN Railroad Addition Original City of Hutto, and being the southeast corner of Lot 4 of said Co-op District;

THENCE, with the north right-of-way line of said U.S. Highway 79, in part with the south lines of Lots 4 and 6 of said Co-op District, and in part with the south terminus of said Co-Op Boulevard, the following five (5) courses and distances:

- 1) **S68°32'09"W**, a distance of **51.41** feet to a 1/2-inch iron rod with illegible cap found for a point of curvature hereof,
- 2) **44.01** Feet along the arc of a curve to the left, having a radius of **2,904.79** feet, and a chord which bears **S72°28'08"W**, a distance of **44.01** feet to a TxDot Type II brass disc found for a point of tangency hereof,
- 3) **S72°19'10"W**, a distance of **324.62** feet to a TxDot Type II brass disc found for a point of curvature hereof,
- 4) **246.50** Feet along the arc of a curve to the right, having a radius of **2,824.79** feet, and a chord which bears **S74°47'48"W**, a distance of **246.42** feet to a 1/2-inch iron rod with "Baker Aicklen" cap found for a point of tangency hereof, and
- 5) **S77°20'10"W**, a distance of **249.44** feet to a TxDot Type II brass disc found for the southwest corner hereof, said point being an angle point in the north right-of-way line of said U.S. Highway 79, and being the southeast corner of a called 0.11 acre tract described in Volume 238, Page 172 (D.R.W.C.T.), and being a southwest corner Lot 6 of said Co-op District, from which a 1/2-inch iron rod with illegible cap found at an angle point in the north right-of-way line of said U.S. Highway 79, and being the southeast corner of Lot 25A, Block A of Hutto Square Commercial Lots, Phase B, recorded in Cabinet BB, Slides 184-186 (P.R.W.C.T.), and being the southwest corner of said 0.11 acre tract bears, **S89°00'55"W**, a distance of **48.65** feet;

THENCE, leaving the north right-of-way line of said U.S. Highway 79, in part with the east lines of said 0.11 acre tract and said Lot 25A, and in part with the west line of Lot 6 of said Co-op District, **N07°31'47"E**, a distance of **321.82** feet to a 1/2-inch iron rod with "Coalter-1481" cap found for an interior ell-corner hereof, said point being the common north corner of said Lot 25A and Lot 6 of said Co-op District;

THENCE, with the common line of said Lot 25A and Lot 6 of said Co-op District, the following two (2) courses and distances:

- 1) **N86°13'57"W**, a distance of **307.47** feet to a disturbed 1/2-inch iron rod found for an interior ell-corner hereof, and
- 2) **S07°20'38"W**, a distance of **37.49** feet to 1/2-inch iron rod with "4Ward Boundary" cap set for an exterior ell-corner hereof, said point being at the common east corner of Lot 25B of said of Hutto Square Commercial Lots, Phase B and Lot 6 of said Co-op District;

THENCE, with the south line of Lot 6 of said Co-op District, in part with the north line of said Lots 25A & 25B, in part with the north line of Lot 2A of the Resubdivision of Lot 2, Hutto Exchange, recorded in Cabinet AA, Slides 211-212 (P.R.W.C.T.), and in part with the east right-of-way line of Exchange Boulevard, the following two (2) courses and distances:

- 1) **N79°31'52"W**, a distance of **188.64** feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an angle point hereof, and
- 2) **N67°36'52"W**, a distance of **211.01** feet to a chiseled "X" found in concrete for the southwest corner hereof, said point being a corner in the east right-of-way line of said Exchange Boulevard, and being a southwest corner of Lot 6 of said Co-op District;

THENCE, with the east right-of-way line of said Exchange Boulevard and the west line of Lot 6 of said Co-op District, the following four (4) courses and distances:

- 1) **15.69** Feet along the arc of a curve to the left, having a radius of **680.00** feet, and a chord which bears **N07°41'36"W**, a distance of **15.69** feet to a mag nail with "4Ward Boundary" washer set for a point of reverse curvature hereof,
- 2) **193.73** Feet along the arc of a curve to the right, having a radius of **370.00** feet, and a chord which bears **N06°38'44"E**, a distance of **191.52** feet to a mag nail in asphalt found for a point of reverse curvature hereof,
- 3) **96.13** Feet along the arc of a curve to the left, having a radius of **430.00** feet, and a chord which bears **N15°13'50"E**, a distance of **95.93** feet to a chiseled "X" found in concrete for a point of non-tangency hereof, said point being at a corner in the east right-of-way line of said Exchange Boulevard, and being the northwest corner of said Lot 14, and
- 4) **S83°05'40"E**, a distance of **5.40** feet to a 1/2-inch iron rod with "RJ" cap found for an interior ell-corner hereof, said point being at a corner in the east right-of-way line of said Exchange Boulevard, and being in the north line of Lot 6 of said Co-op District, and being the southwest corner of said Williamson County tract, and being a southwest corner of said Lot 23;

THENCE, with the east right-of-way line of said Exchange Boulevard, and with the west line of said Williamson County tract, and in part with the west lines of said Lots 23 & 24, the following four (4) courses and distances:

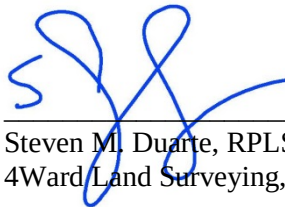
- 1) **25.84** Feet along the arc of a curve to the left, having a radius of **435.00** feet, and a chord which bears **N07°40'10"E**, a distance of **25.83** feet to a 1/2-inch iron rod with "RJ" cap found for a point of tangency hereof,
- 2) **N05°38'31"E**, a distance of **151.41** feet to a 1/2-inch iron rod with "RJ" cap found for a point of curvature hereof,
- 3) **134.63** Feet along the arc of a curve to the right, having a radius of **1,965.00** feet, and a chord which bears **N07°27'50"E**, a distance of **134.61** feet to a calculated point for a point of tangency hereof, and
- 4) **N09°32'37"E**, a distance of **97.41** feet to a 1/2-inch iron rod with illegible cap found for a northwest corner hereof, said being the southwest corner of said W L D Petersen tract, and being the northwest corner of said Williamson County tract;

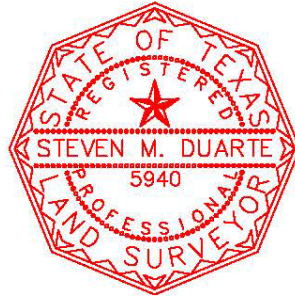
THENCE, leaving the east right-of-way line of said Exchange Boulevard, with the common line of said W L D Petersen tract and said Williamson County tract, **S83°11'49"E**, a distance of **439.42** feet to a 1/2-inch iron rod with illegible cap found for an interior ell-corner hereof, said point being in the west line of Lot 2 of said Co-op District, and being in the west line of said Lot 24, and being the common east corner of said W L D Petersen tract and said Williamson County tract;

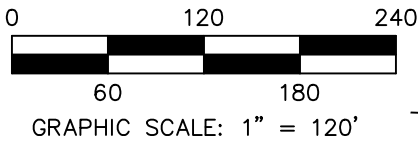
THENCE, with the east line of said W L D Petersen tract and Lot 24 of said Hutto Square Commercial Lots, and with the west line of said Lot 1 of said Co-op District, **N05°40'42"E**, a distance of **284.77** feet to the **POINT OF BEGINNING** and containing 35.1021 Acres (1,529,046 Square Feet) of land, more or less.

NOTE:

All bearings are based on the Texas State Plane Coordinate System, Grid North, Central Zone (4203), all distances were adjusted to surface using a combined scale factor of 1.000117952327. See attached sketch (reference drawing: 00627_rev2.dwg).

 **7/10/2018**
Steven M. Duarte, RPLS #5940
4Ward Land Surveying, LLC





BLOCK "A"
HUTTO SQUARE SECTION 1
CAB. W, SLDS. 263-267, P.R.W.C.T.

W. METCALFE STREET
(50' R.O.W.)

EXCHANGE BOULEVARD
(R.O.W. VARIES)

P.O.B.
GRID N: 10,173,141.52
GRID E: 3,171,626.09

35.1021 ACRE(S)
1,529,046 SQUARE FEET

BLOCK A
HUTTO SQUARE
COMMERCIAL LOTS
CAB. Z, SLD. 281-282
P.R.W.C.T.

W. LIVE OAK STREET

MATCHLINE "A"

MATCHLINE "B"

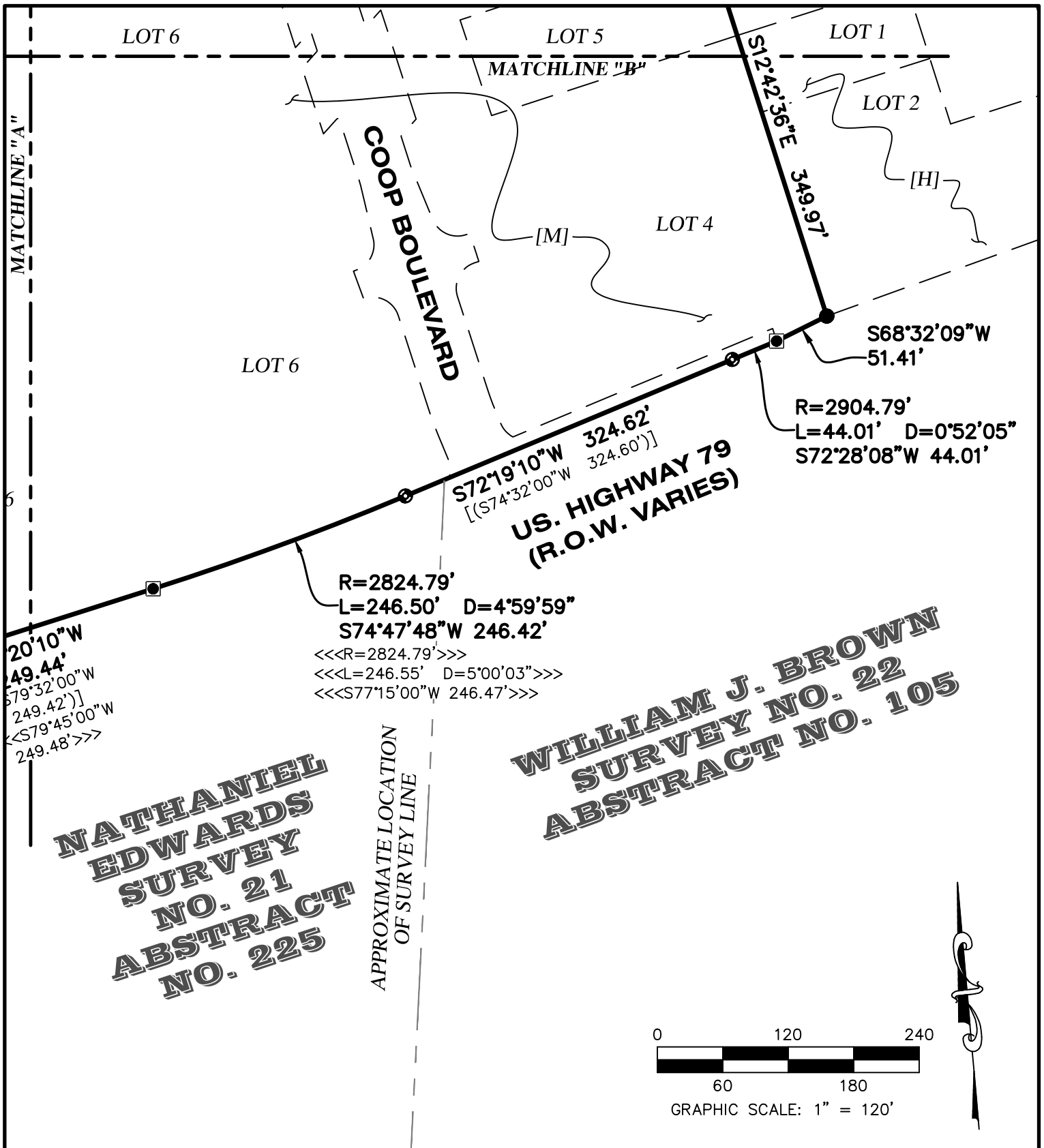
35.1021 ACRES
City of Hutto,
Williamson County,
Texas



PO Box 90876, Austin Texas 78709
WWW.4WARDLS.COM (512) 537-2384
TBPLS FIRM #10174300

Date:	7/10/2018
Project:	00627
Scale:	1" = 120'
Reviewer:	PRB
Tech:	CC
Field Crew:	HT/DC
Survey Date:	AUG. 2017
Sheet:	1 OF 6

P:\00627\Dwg\00627_Zoning Exhibit (2017) rev2.dwg

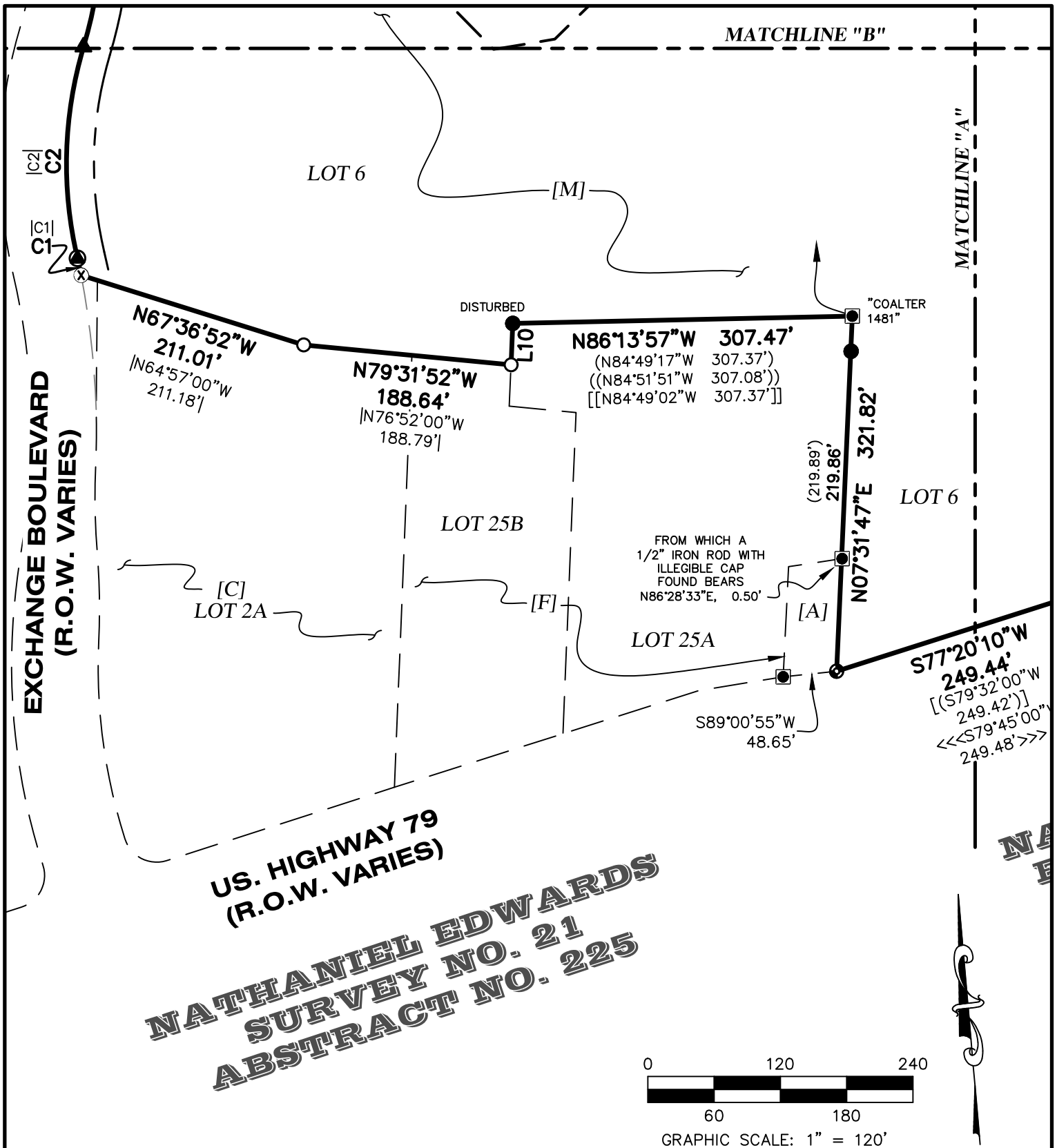


35.1021 ACRES
City of Hutto,
Williamson County,
Texas



PO Box 90876, Austin Texas 78709
 WWW.4WARDLS.COM (512) 537-2384
 TBPLS FIRM #10174300

Date:	7/10/2018
Project:	00627
Scale:	1" = 120'
Reviewer:	PRB
Tech:	CC
Field Crew:	HT/DC
Survey Date:	AUG. 2017
Sheet:	3 OF 6



CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	BEARING	DISTANCE
C1	15.69'	680.00'	1°19'19"	N07°41'36"W	15.69'
C2	193.73'	370.00'	29°59'57"	N06°38'44"E	191.52'
C3	96.13'	430.00'	12°48'33"	N15°13'50"E	95.93'
C4	25.84'	435.00'	3°24'12"	N07°40'10"E	25.83'
C5	134.63'	1,965.00'	3°55'33"	N07°27'50"E	134.61'

RECORD CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	BEARING	DISTANCE
C1	15.69'	680.00'	1°19'19"	N04°50'20"W	15.69'
C2	193.74'	370.00'	30°00'02"	N09°30'00"E	191.53'
C3	95.84'	430.00'	12°46'12"	N18°06'54"E	95.64'
(C4)	25.81'	435.00'	3°24'00"	N08°42'03"E	25.81'
((C4)))	25.81'	435.00'	3°24'00"	N08°42'03"E	25.81'
(C5)	134.74'	1,965.00'	3°55'44"	N08°57'55"E	134.72'

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S07°51'48"W	107.24'
L2	N77°15'31"E	107.40'
L3	N12°33'04"W	10.00'
L4	S12°32'27"E	10.09'
L5	S77°15'17"W	54.99'
L6	S07°51'48"W	53.36'
L7	S77°14'55"W	79.26'
L8	S14°18'53"E	74.85'
L9	S77°03'02"W	192.83'
L10	S07°20'38"W	37.49'
L11	S83°05'40"E	5.40'

NOTES:

1) ALL BEARINGS ARE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, GRID NORTH, CENTRAL ZONE, (4203), NAD83, ALL DISTANCES WERE ADJUSTED TO SURFACE USING A COMBINED SCALE FACTOR OF 1.000117952327.

2) SEE ATTACHED METES AND BOUNDS.



[Handwritten Signature] 7/10/2018

35.1021 ACRES
City of Hutto,
Williamson County,
Texas

4WARD
Land Surveying
A Limited Liability Company
 PO Box 90876, Austin Texas 78709
 WWW.4WARDLS.COM (512) 537-2384
 TBPLS FIRM #10174300

Date:	7/10/2018
Project:	00627
Scale:	1" = 120'
Reviewer:	PRB
Tech:	CC
Field Crew:	HT/DC
Survey Date:	AUG. 2017
Sheet:	5 OF 6

[A] CALLED 0.11 ACRE
OWNER: ATMOS ENERGY
(PER WCAD)
VOL. 238, PG. 172,
D.R.W.C.T.

[B] PORTION OF LOT 1,
BLOCK
13, I & GN RAILROAD
ADDITION
VOL. 50, PG. 253, D.R.W.C.T.

[C] RESUBDIVISION OF
LOT 2
THE HUTTO EXCHANGE
CAB. AA, SLDS. 211
P.R.W.C.T.

[D] CALLED 2.814 ACRES
OWNER: W L D PETERSEN
INVESTMENTS-HUTTO, LLC
DOC. NO. 2015048567
O.P.R.W.C.T.

[E] CALLED 2.919 ACRES
OWNER: CITY OF HUTTO
DOC. NO. 2004003059
O.P.R.W.C.T.

[F] BLOCK A, HUTTO
SQUARE
COMMERCIAL LOTS PHASE B
CAB. BB, SLDS. 184-186
P.R.W.C.T.

[G]
CALLED 4.43 ACRES
OWNER: WILLIAMSON
COUNTY
DOC. NO. 2005053311
O.P.R.W.C.T.

[H] BLOCK 1, AMENDED PLAT OF
LOTS 1 THROUGH 9, INCLUSIVE,
AND LOTS 12, 13, AND 14, AND
THE 17-FOOT ALLEY IN BLOCK 1
OF I&GN RAILROAD ADDITION
ORIGINAL CITY OF HUTTO
CAB. EE, SLD. 293, P.R.W.C.T.

[I] CALLED 0.13 ACRE
PART OF LOTS 5 AND 6
BLOCK 8, I & GN RAILROAD
ADDITION
OWNER: JASPAS PROPERTIES,
LLC
DOC. NO. 2008077200,
O.P.R.W.C.T.

[J] REMAINDER OF TRACT
DESCRIBED IN
VOL. 1159, PG. 563 D.R.W.C.T.

[K] CALLED 0.464 ACRE
OWNER: HILL COUNTRY
BIBLE CHURCH HUTTO
DOC. NO. 2016077686,
O.P.R.W.C.T.

[L] LOT 1A, BLOCK 9
RAILROAD ADDITION
LOTS 1-4, 5 (S/PT)
AND 7, BLOCK 9 AMENDED PLAT
DOC. NO. 2015080695
O.P.R.W.C.T.

[M] FINAL PLAT OF THE CO-OP
DISTRICT
DOC. NO. 2018038896
O.P.R.W.C.T.

LEGEND

	PROPERTY LINE	P.O.B.	POINT OF BEGINNING
— — — — —	EXISTING PROPERTY LINES	{ }	RECORD INFORMATION PER DOC. NO. 2016077686
- - - - -	EXISTING EASEMENTS	{ }	RECORD INFORMATION PER DOC. NO. 2008077200
○	1/2" IRON ROD WITH "4WARD BOUNDARY" CAP SET	{ }	RECORD INFORMATION PER PLAT CAB. G, SLD. 185
●	1/2" IRON ROD FOUND (UNLESS NOTED)	{ }	RECORD INFORMATION PER PLAT VOL. 50, PG. 253
◐	IRON ROD WITH ILLEGIBLE CAP FOUND (UNLESS NOTED)	{ }	RECORD INFORMATION PER DEED DOC. NO. 2017025032
⊗	CHISELED "X" FOUND IN CONCRETE	{ }	RECORD INFORMATION PER PLAT VOL. Z PGS. 281-282
⊙	TXDOT TYPE II BRASS DISC FOUND	{ }	RECORD INFORMATION PER DEED DOC. NO. 2008077696
△	CALCULATED POINT	{ }	RECORD INFORMATION PER DEED DOC. NO. 2005053311
⊗	COTTON SPINDLE FOUND	{ }	RECORD INFORMATION PER DEED DOC. NO. 2003119272
▲	MAG NAIL FOUND	{ }	RECORD INFORMATION PER PLAT CAB. BB, SLDS. 184-186
⊙	MAG NAIL WITH "4WARD BOUNDARY" WASHER SET	{ }	RECORD INFORMATION PER PLAT DOC. NO. 2015080695
□	1/2" IRON ROD WITH "CITY OF HUTTO - PROPERTY CORNER" ALUMINUM CAP FOUND	{ }	RECORD INFORMATION PER TX DOT R.O.W. MAP
DOC. #	DOCUMENT NUMBER	{ }	RECORD INFORMATION PER PLAT CAB. AA, SLD. 211
P.U.E.	PUBLIC UTILITY EASEMENT	{ }	RECORD INFORMATION PER DEED DOC. NO. 2015048567
B.L.	BUILDING LINE	<.....>	
VOL./PG.	VOLUME, PAGE	<<.....>>	
CAB./SLD.	CABINET, SLIDE	<<<.....>>>	
R.O.W.	RIGHT-OF-WAY		
P.R.W.C.T.	PLAT RECORDS, WILLIAMSON COUNTY, TEXAS		
O.P.R.W.C.T.	OFFICIAL PUBLIC RECORDS, WILLIAMSON COUNTY, TEXAS		
D.R.W.C.T.	DEED RECORDS, WILLIAMSON COUNTY, TEXAS		

35.1021 ACRES
City of Hutto,
Williamson County,
Texas



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PO Box 90876, Austin Texas 78709
WWW.4WARDLS.COM (512) 537-2384
TBPLS FIRM #10174300

Date:	7/10/2018
Project:	00627
Scale:	1" = 120'
Reviewer:	SMD
Tech:	CC
Field Crew:	HT/DC
Survey Date:	AUG. 2017
Sheet:	6 OF 6

Hutto Co-op

**City of Hutto, Texas
Planned Unit Development (PUD)**

Exhibit A Development Plan

**September 8, 2017
Revised September 28, 2017
Revised October 10, 2017
Revised November 28, 2017
Revised March 12, 2019
Revised May 24, 2023
Revised August 9, 2023**

**Applicant: 79 HCD Development, LLC
15443 Knoll Trail Road
Suite 130
Dallas, Texas 75248**

**Prepared by: SEC Planning
4201 W. Parmer Lane
Building A, Suite 220
Austin, TX 78727**

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1. GENERAL PROVISIONS

1.1 Title

This ordinance is known as the “Hutto Co-op District” Planned Unit Development Ordinance and may be cited as “Hutto Co-op” PUD.

1.2 Purpose and Intent

The purpose of this Plan is to ensure a PUD that creates a vibrant mixed use district as well as: 1) is equal to, superior than and/or more consistent than that which would occur under the standard ordinance requirements, 2) is in harmony with the Old Town Master Plan 3) does not have an undue adverse effect upon adjacent property, the character of the neighborhood, traffic conditions, parking, utilities or any other matters affecting the public health, safety and welfare, 4) is adequately provisioned by essential public facilities and services, and 5) will be developed and maintained so as not to dominate, by scale or massing of structures, the immediate neighboring properties or interfere with their development or use.

1.3 Applicability of City Ordinances

The Property shall be regulated for purposes of zoning and subdivision by this PUD Plan. All aspects not specifically covered by this Plan shall be regulated by the UDC “Unified Development Code of the City of Hutto, Texas” (“UDC”) in effect on the date of adoption of this ordinance. In those cases where in conflict, this PUD shall take precedence over the UDC.

1.4 Severability

In case one or more provisions contained of this Plan are deemed invalid, illegal or unenforceable in any respect such invalidity, illegality or unenforceability shall not affect any other provisions of this Plan and in such event, this Plan shall be construed as if such invalid, illegal or unenforceable provision had never been contained in this Plan.

1.5 Amendments to Ordinance

Technical, site planning or engineering considerations that meet the intent of this PUD may call for minor modifications from the approved PUD. The Planning Director may approve minor modifications if they promote flexibility in design and are consistent with the intent of the original PUD approval.

Modifications to the PUD shall be administered as follows:

Modifications of the Concept Plan pertaining to (a) roadway and trail alignments; (b) changes in the density of specific sections or phases shown on the Concept Plan that do not increase the overall density of development on the Land, and (c) changes of less than **cumulative** twenty percent (20%) in the size of any section or phase shown on the Concept Plan, shall be considered “Minor Modifications” over which the City’s Planning Director has final review and decision-making authority. In addition, the City may request modifications to the Concept Plan relating to roadway and trail alignments if necessary due to topography, terrain, floodplains and floodways, alignment with connections to adjoining portions of roadways, trails, or utilities on adjacent properties, and similar situations, all of which shall be considered Minor Modifications over which the City’s Planning Director has final review and decision-making authority.

All other changes to the Concept Plan that are not Minor Modifications shall be considered “Major Modifications.” Major Modifications to the Concept Plan must be approved as an amendment to this PUD Ordinance by the City Council. After approval by the City in accordance with these requirements, all Minor Modifications and Major Modifications to the Concept Plan shall be recorded by the City at the Property owner’s expense in the Official Records of Williamson County, and thereafter, all references in this Development Plan to the Concept Plan shall mean and refer to the then most current approved and recorded Concept Plan.

Minor Modifications to the Concept Plan allowed by this Development Plan shall not be deemed to be changes to the Project under Chapter 245 of the Texas Local Government Code. All Major Modifications to the Concept Plan shall be deemed to be changes to the Project under Chapter 245 of the Texas Local Government Code, and the provisions of the UDC and all other applicable laws and regulations in effect at the time of such Major Modifications shall apply unless the City agrees otherwise.

Approval of this Development Plan does not constitute plat or site plan approval, and all development related approvals required by the UDC are still required. The request for an amendment to the PUD Ordinance shall not subject the entire application to public hearing, but only that portion necessary to rule on the specific issue requiring the relief.

1.6 Definitions

Definitions set forth in the UDC, including general abbreviations, terms definitions and conditions for use indicated throughout this ordinance shall apply to this PUD.

2. DEVELOPMENT PLAN and LAND USES

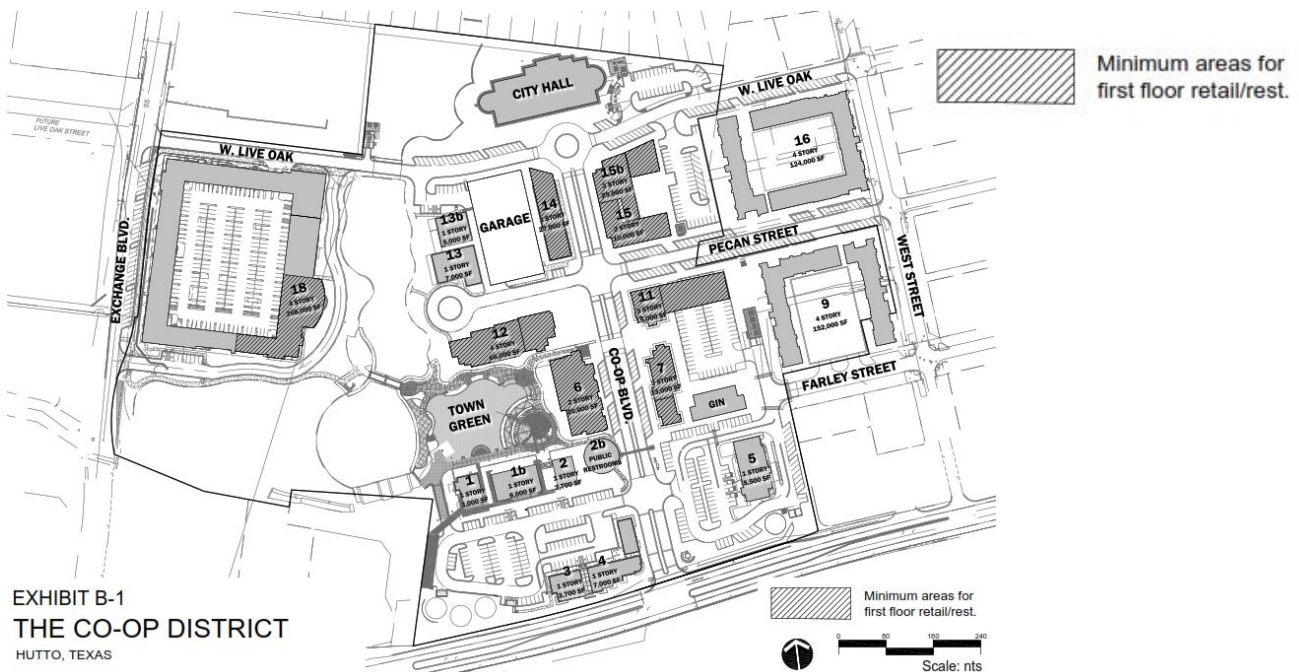
2.1 Permitted Uses in the PUD

The purpose of the Plan is to provide a mixed-use, walkable development including retail, office, restaurant, entertainment, civic and residential uses. **Exhibit C**, illustrates the location of the Plan area and the proposed land use blocks in relation to the adjacent existing and planned facilities.

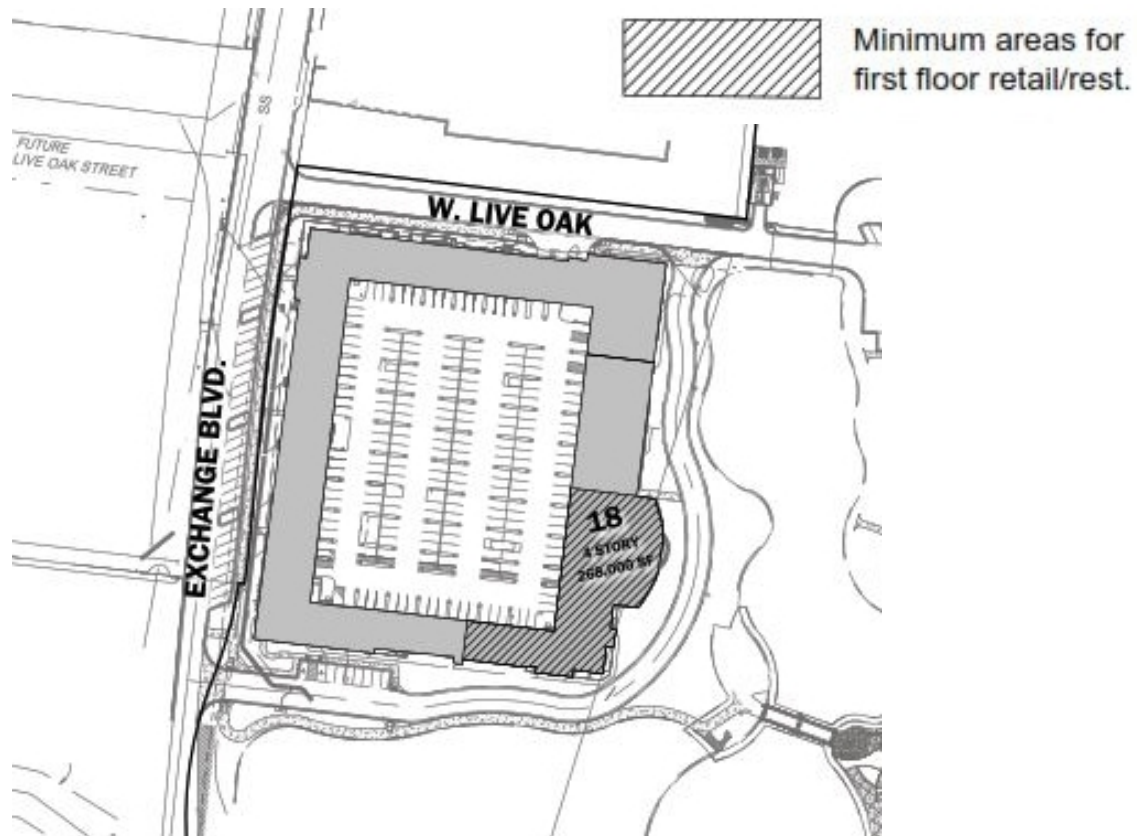
The Plan consists primarily of retail, high density residential, entertainment, restaurant, civic and office components. Design requirements dictate that the uses generally be oriented to the street and linked together by pedestrian elements such as walking trails, pedestrian plazas and storefront sidewalks.

The PUD shall also require the following provisions within the Plan:

- 2.1.1** All buildings not yet constructed or under construction must be at least two-stories, except as set forth in No. 2 below, or except with a Special Use Permit.
- 2.1.2** Single-story restaurants shall be allowed that either front, or back up to, the lake or town green.
- 2.1.3** Multifamily-projects (other than Tract 6 of Exhibit C), may be constructed within the Co-Op District so long as the first floor of all buildings as specifically identified on the diagram below are restricted to retail/restaurant/entertainment uses, except via Special Use Permit. Exceptions to these frontage requirements are allowed for entry drives to internal parking, stairwells, leasing offices, and convention space.



- 2.1.4** Live/work units, or dedicated stand-alone condominiums, or spaces that have an office appearing front facade that can function as a place to conduct business and reside, may be allowed on the first floor of buildings with consent of the City Council for the sections that are not primary retail, dining or entertainment corridors, such as Farley Street east of Coop Blvd, or sections of Pecan or West Street.
- 2.1.5** All allowed uses in the Planned Unit Development (PUD) (save and except Prohibited Uses as set forth in Section 2.2 of this PUD, including office space and multi-family uses, can occupy space on the second floor and above anywhere within the boundaries of the PUD.
- 2.1.6** Buildings constructed within the Project may be constructed using zero-lot lines (no setbacks) as a basis for increasing density within the Project.
- 2.1.7** Tract 6 of Exhibit C shall contain a fully wrapped urban style project wrapping a parking garage for both resident, visitor and public uses, and includes first floor or street level uses for dining, retail or entertainment uses as located on the below diagram:



- 2.1.8** During construction throughout the Co-Op District, temporary parking lots shall be allowed with an amended and approved site plan.
- 2.1.9** The current rules and ordinances allow for sip and stroll of alcoholic beverages (open containers in public) and that there are no prohibitions or restrictions with regard to proximity of alcohol sales to church or education facilities beyond what is accounted for in State law. The Project will have the right to continue sip and stroll and future restrictions that may be enacted by

the City in regard to proximity of alcohol sales to church or educational facilities shall not apply.

2.1.10 Permitted uses within the boundaries of the PUD are as listed in the below land use table:

PERMITTED USES

Use	Conditions
<u>Residential</u>	
Multifamily	1
Dwelling: Single Household Attached Townhouse	2
Upper Story, above non-residential uses	
Assisted Living Facility (2 nd floor and above)	
Independent Living Facility (2 nd floor and above)	
<u>Non-Residential</u>	
Library	
Community Service	
Government Facilities	
Park	
Amenity/Recreation Center	
Commercial Parking	
Parking Garage	3
Restaurant/Bar	4
Food Catering (accessory or secondary to restaurant or bakery)	
Nightclub (with SUP)	
Entertainment facility, theater	
Outdoor Entertainment, including Amphitheater	

Live/Work Units	
Office: Professional	2 nd floor and higher of 2 story or taller buildings. 1 st floor of existing 1 story buildings.
Office: Medical	2 nd floor and higher of 2 story or taller buildings. 1 st floor of existing 1 story buildings
Personal and business service shop	
Print Shop	
Hotel / Boutique Bed & Breakfast	
Retail Sales and Service (other than the uses listed below)	
Grocery	
Bakery	
Bank	5
Vehicle Sales	6

Use-Non Residential	Conditional Use
Day Care: Child (1-6 children)	7
Day Care: Child (greater than 6 children)	7
School: no more than 5 students	
School: at least 6 students	
Public Utility Substation	
Bed and Breakfast	
Bus Stops	

Hospital	
Research and Development	
Data Center	

Temporary Uses

Temporary uses	
Construction equipment storage lot	
Construction field office	
Portable storage container	
Temporary building	
Temporary surface parking lot	8

Accessory Uses

Accessory uses	
Antenna, non residential use: other	
Free standing cisterns	
Drive through facility	
Satellite dish	
ATM machines – stand alone	

Conditions of Use

- (1) Multifamily
 - (a) For individual residential projects exceeding 24 dwelling units per acre, all required residential parking shall be provided within a parking structure that is attached to the residential structure.
 - (b) Buildings shall be oriented to the street or public green and parking (except for on street parking) shall be generally contained, as much as practical, internal to the multi family site with limited visibility from the surrounding streets.
 - (c) Multi family uses may be incorporated into a vertical mixed use building with office or retail on the ground floor and multi family located above.
- (2) Townhouse
 - (a) Development standards not addressed in this Plan shall comply with the SF-2 zoning district of the Code, as amended.
 - (b) Parking: A minimum of 2 parking spaces are required per unit. At least one (1) of the required spaces must be garage enclosed.
 - (c) Units shall be oriented to the street or public green and be elevated a minimum of 18 inches from the adjacent sidewalk.
 - (d) Garages shall be oriented towards an alley at the rear of the unit and the rear setback shall be measured from the edge of the alley.

- (e) Single Family Attached homes shall be limited to a corridor a maximum of 250' wide as measured from the easternmost property line.
- (3) Parking Garage
 - (a) Parking structures that front onto a public street must have an architectural screen, green screen or other aesthetic treatment that complements the surrounding architecture and is approved by the Architectural Review Committee.
- (4) Restaurant/Bar
 - (a) Drive through facilities only allowed by special use permit (SUP). A maximum of 3 drive through lanes are allowed. Drive through facilities are limited to an area located within 300 feet of Highway 79.
- (5) Bank
 - a) Any drive thru facility associated with a bank must be designed so that there is an intervening building that effectively screens the drive thru area, including stacking spaces, from a public street. A maximum of 2 drive through lanes are allowed. Drive through facilities are limited to an area located within 300 feet of Highway 79.
- (6) Vehicle Sales
 - (a) All vehicles must be located inside the facility.
- (7) Daycare
 - (a) Daycare facilities may be integrated into an office complex or office building facility.
- (8) Temporary Surface Parking Lot
 - (a) Temporary surface parking lots may be located in areas where future parking garages are planned as an interim parking solution for overflow parking, special events and construction parking until parking requirements trigger the need for a parking garage.
 - (b) Temporary parking lots shall be allowed to have one course of asphalt, a minimum of one and one half inches (1 ½) in depth
 - (c) Temporary parking lots will be provided with parking lot lighting
 - (d) Landscape screening and planting requirements will not apply to temporary parking lots.

2.2 Use Descriptions and Standards

Unless otherwise modified within this PUD, refer to the UDC for definitions of uses and standards for residential uses, commercial and retail uses, industrial uses, institutional and civic uses, temporary uses and accessory uses.

Prohibited Uses

Adult entertainment; Auto body repair shops; Automotive car wash; Automotive parts stores; Automotive service centers; Bank lobbies/bank branches (except for Co-op Building 300, Suite 302 approximately 1,706 square feet); Boat sales establishments; Building, electrical, or plumbing contractors; Building material sales with outdoor storage; Equipment rental, sales, or service (including heavy equipment, farm equipment, bulldozers, backhoes forklifts, cranes, etc.); Emissions inspection stations; Funeral homes or mausoleums; Heavy equipment and farm equipment sales and service, and truck rental; Lawnmower repair shops; Liquor stores (except as may be permitted in the Hutto Co-op District Amended and Restated Master Development Agreement); Log-splitting and storage lots; Manufactured homes; Mattress stores, Mobile home or mobile building leasing or sales lots; Machine or welding shops; Mini-warehouse facilities; New and used automobile sales and/or rental with outside storage of inventory; Pawn shops; Pest control businesses that store toxic chemicals on site; Payday Loans; Recovered materials processing; Motels that provide outside entries to individual units; Outdoor sales except via vendor permits; Outdoor storage of inventory; Self service laundries that are principal uses; Self-storage; Tattoo parlors; Taxidermists; Yard trimmings composting; Veterinarians.

Uses not listed in the “Permitted Use” table in section 2.1 shall be deemed prohibited unless determined to be appropriate under the conditions outlined for “New and Undefined Uses”.

New and Undefined Uses

As commerce and technology evolve, new types of land uses will develop and forms of land use not anticipated may seek locations in the Co-op District. To provide for contingencies, the Planning Director will consider the appropriateness of an undefined use within the PUD area. Approval criteria include:

- Impacts of the use, including externalities and use of public services and infrastructure,
- The use is similar in nature and impact to a use listed and defined as a permitted use in the PUD.
- The use is consistent with the intent of a vibrant, mixed use district.
- The use conforms to the intent of the PUD, UDC and applicable plans
- The interpretation does not lower the protection given to the public by the PUD and UDC.
- The use does not have the potential to create a dynamic that would harm the vitality or future development potential of surrounding commercial, industrial and residential areas.

3. DEVELOPMENT STANDARDS

3.1 General Standards

3.1.1 Lot dimensions and area

	Multi family	Townhome	Commercial/ retail/office/ mixed use
Lot area (min)	20,000 sq. ft.	2,000 sq. ft.	10,000 sq. ft
Lot width at building line (min)	100 ft.	20 ft.	18 ft.
Minimum/Maximum Build to line street ROW	15/30 ft. (a)	15/30 ft.	15/30 ft. (a)
Side yard (min)	10 ft.	0 ft. for common walls or 5 ft. (b)	0 ft. for common walls or 10 ft. (b)
Rear yard (min)	10 ft.	6 ft.	5 ft.
Side and rear yard for accessory building (min)	Same as main Building (c)	Same as main building (c)	Same as main building (c)
Spacing between buildings (min)	20 ft.	10 ft.	10 ft.
Building height (min/max)	3 story/6 stories	1 story/3 stories	1 story/10 stories; 2 stories max. within 150 feet of existing residential
Building height, accessory (max)	15 ft.	15 ft.	15 ft.
Lot Coverage	80% (d)	80% (d)	95% (d)
Sidewalks (min width along streets)	8 ft. (e)	8 ft. (e)	15 ft. (e)

- (a) The build-to line may be increased beyond the maximum setback to include parks, plazas, courtyards and other developed open spaces in the street yard.
- (b) Side setback of 0 feet is allowed only for internal attached buildings with a common wall.
- (c) Accessory buildings are not permitted between the front building line of the primary building and the public right of way.
- (d) The buildable density on a lot shall be governed by the height, setback and lot coverage requirements only.
- (e) Minimum sidewalk width between the building and the street curb and shall include walkways within the adjacent right of way per the street sections defined within this PUD.

3.1.2 Setback encroachment exceptions

Type of structure or use	Residential uses	Non-residential uses
Air conditioning equipment	Any part of the side and rear yard. Must be screened from view	n/a
Arbors and trellises	Any yard, at least 5 ft. from neighboring PL	
Awnings / Galleries	No more than 3 ft. into front, side or rear setback; may hang over easements	May extend to within 2 feet from the edge of pavement within the right of way. 8 feet of vertical clearance required.
Bay windows, entry vestibules, overhanging eaves	No more than 3 ft. into any setback	
Ramps and other access devices required by the ADA	Any yard on the site as long as they do not impede pedestrian flow	
Retaining walls	Any yard on the site	
Silos	Any yard on the site	

3.1.3 Buffer yards

3.1.3.1 Landscape buffer yards shall be provided along the northern and southern boundaries of the PUD.

- Hwy 79: 20 ft. from Highway 79 right-of-way
- Northern property line: a solid masonry wall will be provided between the PUD boundary and the existing residential homes.
- A minimum of 30 feet of landscape area shall be provided around the perimeter of the detention pond/lake and shall be measured from the line of 25 year inundation to the edge of the open space. Exception allowed if the edge of the lake is a hard edge with a boardwalk or other hardscape design element oriented adjacent to the water.
- Landscape buffer yards shall be planted per the requirements of Section 3.4, Landscaping.

3.1.4 Screening

3.1.4.1 Loading area screening

Off-street loading areas must be fully screened from view from public streets and open spaces. Wing walls, landscape screens, changes in building orientation and/or other architectural elements must be used to buffer loading docks. Loading docks shall be located no more than 100 ft. from a single family residential use or lodging establishment.

Refer to Landscape, section 3.4 for planting requirements.

3.1.4.2 Dumpster screening

Dumpster enclosures within the PUD must be located at least 25 ft. from a single family residential use. Dumpsters must be screened from public streets and pedestrian gathering areas with masonry walls and enclosure gates that are compatible with the architectural theme of the adjacent building(s).

Refer to Landscape, section 3.4 for planting requirements.

3.1.4.3 Parking lot screening

Parking lots that are visible from a public street must be screened from the adjacent street and walkway by a minimum 6 foot wide landscape area. Three and a half foot tall screen wall, shrubs, trees or a combination of the above may be placed in the 6 foot landscape screening area.

Refer to Landscape, section 3.4 for planting requirements.

3.1.4.4 Mechanical equipment screening

Rooftop mechanical equipment must be hidden or screened with architecturally integral elements at least as high as the equipment to be screened.

Ground mounted mechanical equipment must be hidden or screened with architecturally integral wing walls and/or landscaping.

Solar panels are exempt from mechanical equipment screening standards.

Refer to Landscape, section 3.4 for planting requirements.

3.1.4.5 Utility equipment screening

Electric meters, switch boxes, panels, conduit and related utility equipment must be placed in the most inconspicuous location possible. Where allowed by utility provider, paint all utility equipment to match adjacent building or landscape.

Utility equipment located in an area that may be frequently seen by the general public must be screened with a wing wall architecturally integrated into the host structure or painted to match the primary building color.

3.2 Site Design Standards

3.2.1 Design Guidelines

In order to maintain a comprehensive site design throughout the PUD area, the Owner shall establish an Architectural Review Committee (ARC) composed of an architect, landscape architect and the Owner.

The ARC shall establish design guidelines to specify the building and site orientation. For each project, items such as architectural plans, site plans with landscape and parking lot layouts shall be submitted to the ARC for their review and approval. An approval letter from the ARC shall be submitted with the corresponding applications to the City for site development and building permits. The approval of the ARC shall not take the place of any and all required submittals to the City, County or other governmental agency as necessary to receive regulatory approvals.

3.2.2 Water Bodies and Retention Areas

3.2.2.1 Shape/Slope

Permanent wet retention ponds visible from a street or other public area must be designed to appear natural by having curvilinear edge treatments.

Retention basins must be designed with at least 5:1 side slopes to 2 ft. below the normal water line. Hard edges along portions of the water bodies are allowed to create pedestrian boardwalks.

3.2.3 Parking Lot Design

To the greatest extent possible, surface parking lots shall be placed behind the primary buildings and internal to development sites. Where parking lots have frontage on a public street, they shall be screened per the requirements outlined in Section 3.1.4.3 and 3.4 of this PUD. Wherever feasible, orient parking aisles perpendicular to building entrances.

3.2.3.1 Angled and parallel parking from the public right-of-way is allowed

3.2.3.2 Landscaping Areas

- Landscape islands of at least 162 sq. ft. must be placed at both ends of a parking row.
- Parking rows cannot extend for greater than 10 spaces without an interrupting landscape island of at least 162 sq. ft.
- A 10 ft. landscape median shall be provided between every other parking bay, unless space constraints exist and it is not physically possible to comply and still create a functioning parking lot. The planning director shall have authority to approve modifications on a case by case basis.

3.2.4 Parking and Loading Space Bulk Standards

3.2.4.1 Parking space dimensions

Parking spaces must have the following minimum dimensions:

- Standard parking space (perpendicular or angled to the aisle): 9 ft. x 18 ft.
- Compact parking space: 7.5 ft x 16.5 ft.
- Standard parking space (parallel to the aisle): 8 ft. x 23 ft.
- Handicapped parking space: 9 ft. x 18 ft., plus a clear 5 ft. x 18 ft. loading area to the side. Two handicapped spaces may share one loading area.
- Motorcycle space: 4.5 ft. x 9 ft.
- Off-street loading space: 12 ft. x 25 ft.

- **Bicycle space:** a stationary object where a user can secure both wheels and the frame of the bicycle with a 6 ft. cable and lock. The stationary object may be a freestanding bicycle rack, a wall-mounted bracket, an enclosed bicycle locker, a three point bicycle rack or a fenced, covered, locked or guarded bicycle storage area.

3.2.5 Parking Requirements

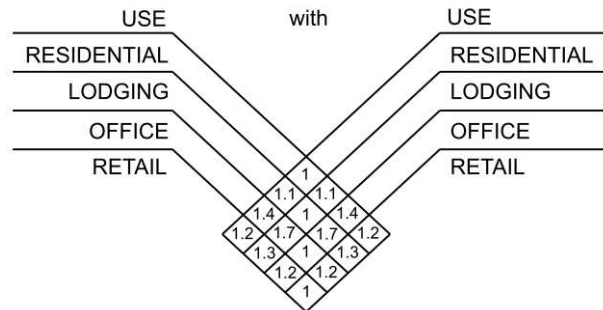
3.2.5.1 Required parking spaces

Uses should offer only the minimum amount of parking that is necessary to meet anticipated normal demand. Up to **10%** of the total provided parking spaces for each individual site plan within the overall development may be Compact Parking Spaces: The number of required parking spaces for a use is as follows:

Commercial use classification	Required specs (minimum)
Multi-tenant retail buildings; indoor recreation facility	1 per 400 sq. ft. GFA
Restaurant, bar/tavern, live entertainment, nightclub	1 per 150 sq. ft. GFA
Retail uses including: performing art studio, bank, bakery, retail, convenience store, gas station, grocery store, instructional facility, personal and business service shop, print shop, retail store	1 per 400 sq. ft. GFA
Office uses, including medical office, professional office, civic uses	1 per 400 sq. ft. GFA
Child day care facility	1 per employee + 3
Lodging establishment (all) (restaurants, bars, nightclubs and other accessory uses computed separately)	1.2 per guest room + 1 per 100 sq. ft. GFA meeting/banquet room
Entertainment facility: theater	1 per 4 seats
Townhouse	2 spaces
Multi Family	1 space per unit + .5 per bedroom

3.2.5.2 Variance to parking requirements

Shared parking may be utilized if desired by the developer of the project. The sum of the required parking for any two functions listed in the below table, when divided by the appropriate Shared Parking Factor, produces the actual parking needed for each site.



3.2.5.3 Bicycle parking

One or more bicycle parking spaces must be provided for every 20 vehicle parking spaces required as a minimum for non-residential uses.

3.2.5.4 On-street parking

On-street parking spaces no more than 600 ft. from the main entrance of a building with a non-residential use may be counted towards the required amount of parking spaces. Designated on-street parking spaces no more than 100 ft. from the entrance of a building may be counted towards the required amount of parking spaces for multi family use.

3.2.5.5 Space computation and fractions

Fractional results will be rounded up when computing the number of required parking spaces.

3.3 Architectural Standards

3.3.1 Design Guidelines

In order to maintain a comprehensive and complementary architectural style throughout the PUD area, the Owner shall establish an Architectural Review Committee (ARC) composed of an architect, landscape architect and the Owner.

The ARC shall establish design guidelines to specify the architectural style, materials and colors to be used, in addition to building and site orientation.

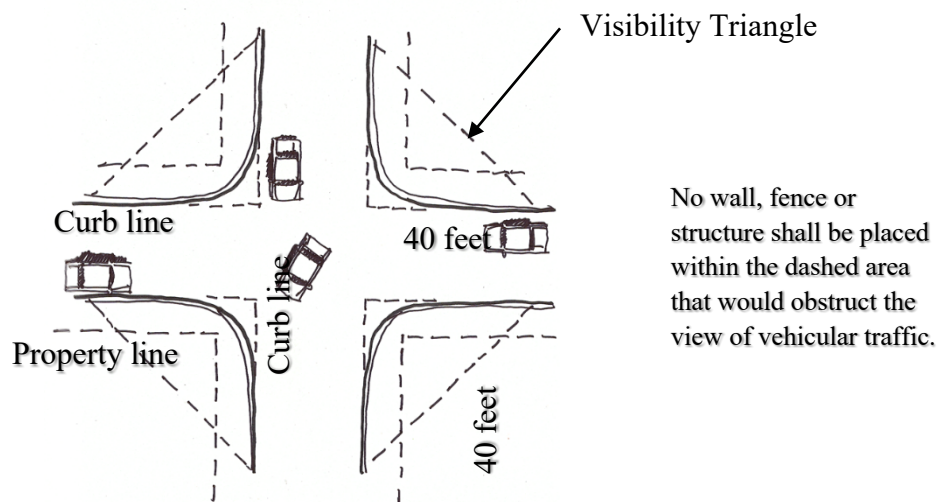
For each project, items such as architectural elevations, material sample boards and color samples shall be submitted to the ARC for their review and approval. An approval letter from the ARC shall be submitted with the corresponding applications to the City for site development and building permits. The approval of the ARC shall not take the place of any and all required submittals to the City, County or other governmental agency as necessary to receive regulatory approvals.

3.4 Landscaping

3.4.1 General Standards

3.4.1.1 Visibility

Shrubs growing over 3 ft. tall at maturity must be placed at least 10 ft. from curb cuts. This is to maintain clear driver sight distance at driveway-street intersections. Visibility triangles shall be measured from the face of the curb to the face of the curb at intersections and driveways, measuring forty (40) feet along the sides of the triangle that face the intersection.



3.4.1.2 Utilities

Trees must be placed at least 10 ft. from streetlights, 5 ft. from wet utilities and 4 ft. from gas lines, unless otherwise approved by a City Development Services designee.

3.4.2 Required Landscaping:

3.4.2.1 Landscaping areas

Area	Native tall trees (minimum)	Native small trees (minimum)	Native shrubs (minimum)
Landscape buffer Hwy 79	1 per 40 ft. of linear buffer	1 per 40 ft. of linear buffer	1 per 5 ft. of linear buffer
Street frontage along internal, public streets – “Street Trees”	1 per 40 ft. of street frontage unless interruption is desired for courtyard, patio, plaza or architectural focal point	Optional	Optional
Parking lots: landscape islands in rows and at row ends	1 per island if terminating or interrupting one row; 2 per island if terminating or interrupting two rows	Optional	2 per island if terminating one row; 4 per island if terminating or interrupting two rows. Shall not impede visibility.
Parking lots: landscape buffers between parking lot and public street or pedestrian area.	1 per 40 ft. of linear landscape area	1 per 30 ft. of linear landscape area	1 per 5 ft. of linear landscape area
Interior Parking: 10 ft. landscape median between every other parking bay	1 per 60 ft of linear landscape area	1 per 25 ft of landscape area	
Dumpster Screening (*does not apply when the enclosure is an architectural extension of a principal building)		1 on each of the three sides of the enclosure, except the side where the gate is located.	1 per 4 linear ft of wall constructed
Ground Mounted Equipment			1 per 3 ft of linear landscape around boundary, except the side where access is located.
Medians	1 per 50 ft. of linear median	Optional	Optional
Other areas (retention and detention basins, open space, etc.)	1 per 2,500 sq. ft. of landscape area	1 per 5,000 sq. ft. of landscape area	2 per 1,000 sq.ft. of landscape buffer

3.4.3 Tree and shrub size

Native tall trees must have a caliper of at least 3 in. and 10-12 ft. ht.
Native small trees must have a caliper of at least 1.5 in. and 8-10 ft. ht.
Planted shrubs must have a minimum 3-gallon container or be at least 18 in. tall.

3.4.4 Street Trees

- (1) Planted a maximum of 40' on center except when an interruption is desired for an architectural feature or pedestrian plaza or open space.
- (2) Trees shall be located a minimum of ten feet (10') from a building.
- (3) Located within a minimum six-foot (6') wide planting strip or within an 6'x6' tree grate.
- (4) Sized at a minimum of three (3") caliper;
- (5) All trees should be pruned of branches that overlap into pedestrian walkways, parking spaces or drive aisles up to 9 feet high to allow for safe passage.
- (6) The following tree species are recommended for Street Trees. The same species shall be used along a contiguous street frontage for a visual consistency.

<u>Common Name</u>	<u>Scientific Name</u>
Carolina Cherry Laurel	<i>Prunus caroliniana</i>
Chinquapin Oak	<i>Quercus muehlenbergii</i>
Texas Red Oak	<i>Quercus buckleyi</i>
Cedar Elm	<i>Ulmus crassifolia</i>
Lacebark Elm	<i>Ulmus parvifolia</i>
Live Oak	<i>Quercus virginiana</i>
Mexican Sycamore	<i>Platanus mexicana</i>

3.4.5 Materials, maintenance and replacement

3.4.5.1 Plant materials

Plant choice must be based on the Central Texas ecological setting and site microclimate conditions.

3.4.5.2 Native tall trees

Native and adapted tall trees that can be planted or used to meet landscaping requirements. Refer to Plant Palette **Exhibit G** of the PUD for a list of desired trees to be used within the development. Alternative selections may be proposed to the Architectural Review Committee for consideration if they are native or native adapted species.

3.4.5.3 Native small trees

Native and adapted small trees that can be planted or used to meet landscaping requirements. Refer to Plant Palette **Exhibit G** of the PUD for a list of desired trees to be used within the development. Alternative selections may be proposed to the Architectural Review Committee for consideration if they are native or native adapted species.

3.4.5.4 Native shrubs

Native and adapted shrubs that can be planted or used to meet landscaping requirements. Refer to Plant Palette **Exhibit G** of the PUD for a list of desired shrubs to be used within the development. Alternative selections may be proposed to the Architectural Review Committee for consideration if they are native or native adapted species.

3.4.5.4.1 Maintenance

Trees and vegetation, irrigation systems, fences, walls and other landscape elements are considered elements of the project in the same way as parking, building materials and other site details. The applicant, landowner or successors must be jointly and severally responsible for regular maintenance of all landscaping elements in good condition. Landscaping must be maintained free from disease, pests, weeds and litter.

A master community association will be established for the maintenance of landscape and irrigation areas located between the roadways and the building lines for internal projects as well as for all community signage, walls, medians, common open spaces, greenbelts, parks and detention areas. Sub associations may be formed for individual tracts or blocks as defined on **Exhibit C** of the PUD.

3.4.5.4.2 License Agreement

A License Agreement(s) shall be required for the installation and maintenance of any landscaping, signage or other similar facilities within the City right-of-way. Such facilities may include: Project entry signage at major intersections; directional signage; Street signs; Lighting, including enhanced street lights and landscape lighting; Intersection and crosswalk enhancements, consisting of pavers, stamped and/or integrated color concrete; Sidewalks; Landscaping, including plant beds and street trees; Site furnishings, such as benches, planters, trash receptacles; Irrigation; and Decorative Walls

The Owner shall make application for a License Agreement(s) at the time of Site Plan or construction plan submittal.

3.4.6 Irrigation

3.4.6.1 Automatic irrigation required

All plants on newly developed parcels must be irrigated with underground or drip irrigation.

3.5 Streets

3.5.1 Street Grid Alignment

The precise alignment of thoroughfares included in the Plan may be varied with City approval, to allow adjustments that increase the compatibility of the right-of-way with existing neighborhoods, historic structures or existing roadways. **Exhibit E** illustrates the primary circulation pattern and street designations planned within the PUD boundary.

3.5.2 Street Cross Sections

Due to the pedestrian oriented design and emphasis on street trees, the roadway cross sections for the PUD are defined on **Exhibit F**, pages 1-5.

3.5.3 Alleys

An alley (residential or commercial) is a public street designed to provide access to the rear or side of a lot including garage access, solid waste access,

fire access and utility easements.

- Alleys may be required in non-residential areas where it is necessary to provide for adequate access for service vehicles, off-street loading or unloading, access for emergency vehicles or similar reasons consistent with the intent of this PUD.
- Alleys may not access arterial streets.
- All alleys shall have at least two direct access points to public streets

3.5.4 Raised Intersections

Subject to review and approval of the City, raised intersections may be used at specified locations within the community in order to improve pedestrian and bicycle safety. The paving at the intersection will be gradually raised to a level of 4 to 6 inches above the primary lanes of the roadway. The intersections may also be treated with alternative paving including pavers or stamped/colored concrete.

3.5.5 Pedestrian Crossings

Pedestrian crossings must be made safer for pedestrians whenever possible by shortening crosswalk distance with curb extensions, reducing sidewalk curb radii and eliminating free right-turn lanes where practical. Signals allowing longer crossing times in shopping districts, mid-block crossings in high-pedestrians use areas, corner neckdowns, textured pavement and medians must be provided as appropriate.

Adequate signs and street markings must be provided for all crosswalks.

3.6 Common Open Space / Parkland

3.6.1 Common Open Space

Within the boundary of the PUD, two distinct town greens will be incorporated into the design. One green will be located directly north of the existing Gin building and the second space will be located along the proposed retention lake on the west side of the project. The town green areas will incorporate pedestrian oriented elements which may include but not be limited to the following elements: amphitheater, event lawns, playground, plazas, splash pad and/or water features, landscape beds, plaza seating, shade canopies, art sculptures, walkways, landscaping, seat walls. A ten (10) foot wide sidewalk shall be provided between the existing Gin building and the Co-op Street to create a clearly identifiable path between the street and the Gin and adjacent town green.

Emergency access may be provided to the town green areas through the use of alternative paving materials such as grass pavers or reinforced pedestrian walkways. Final material selections and configuration of access routes will be coordinated with the Fire Department and City Planning staff.

The proposed Open space illustrated on **Exhibit D** shall fully satisfy all parkland and open space requirements of the City with respect to the PUD boundary. No parkland dedication, cash payment in lieu of parkland dedication or improvements in lieu of parkland dedication shall be required for this PUD.

All private open space and structures thereon shall be conveyed to and permanently owned and maintained by a Property Owner’s Association (POA) or other responsible entity approved by the City. The POA may adopt rules and regulations regarding access, permitted uses, security (policing) and maintenance responsibilities for the open spaces.

3.7 Walls and Fencing

3.7.1 Permitted fences

The following fence, wall and hedge types are *permitted* and optional:

Permitted fence Area/purpose	Height	Acceptable types/materials
Parking area: non-residential development	No more than 3.5 ft. (42 in.)	Masonry (stone, brick, similar materials) Shrubbery hedge
Development perimeter walls along Hwy 79	3.5 ft.	Masonry (stone, brick, similar materials) Shrubbery hedge Decorative iron fence (with shrub hedge) Rail fence (with shrub hedge)

3.7.2 Required walls

The following fence, wall and hedge types are required:

Required fence Area/purpose	Height		Acceptable types/materials
Dumpster and utility area	7 ft. – 8 ft.		Masonry (stone, brick, similar materials)
	Must include the same materials, finishes and detailing as the host structure. Gates must be visually and structurally solid; must be metal. Dumpsters and compactors cannot be unscreened unless they are used for a construction or demolition project on the site.		
Utility substation or facility	6 ft. – 12 ft. or sufficient to conceal the substation		Masonry (stone, brick, similar materials)
Development perimeter wall-boundary wall to existing residential subdivision	6 ft. min. 8 ft. max.		Masonry (stone, brick, similar materials) Precast concrete walls
	Walls must include masonry columns with a cross-section of at least 18 in. x 18 in. at no more than 100 ft. intervals		

3.8 Outdoor Lighting

3.8.1 General Standards

3.8.1.1 Display levels and light pollution

- Lighting must be designed to minimize light pollution and spillage on adjacent properties.
- Illumination at the property line must be no more than 5 lux for non-cut-off lights, and no more than 15 lux for cut-off lights. Streetlights are exempted.
- Illumination spillover onto adjacent residential zoned properties must be no more than 5 lux. Streetlights are exempted.

3.8.1.2 Design

- Light poles should have a base, middle and top.

- Light pole design must be consistent with the style, character and theme outlined in the community Design Guidelines.
- Cobra head light poles are prohibited on pedestrian-oriented commercial streets.
- Bare metal poles are prohibited.
- Elevated form bases greater than 4 in. above grade are prohibited.
- Light poles must be placed in landscape areas wherever possible.
- Light poles must not obstruct sidewalks or bicycle paths.

3.9 Signs

All new signage within the PUD shall comply with the UDC unless modified in the following standards below or modified by a Master Sign Plan in the future:

3.9.1 Permitted signs within the PUD that are unique to the Co-op District and vary from the standard UDC sign regulations are as follows:

Type		Number	Maximum area	Maximum height	Minimum setback
Permanent Signs	Freestanding Project Identification Signs along Hwy 79	2	150 sq. ft. per sign	35 ft.	10 ft. from adjacent right of way
	Directional/Information signs – may be placed within right of way and/or median	20	32 sq. ft.	8 ft.	n/a
	Digital Display Screen/Marquee attached to internal silo	1	600 sq. ft.	Located on silo	n/a

3.9.2 Prohibited signs

- Internally illuminated vinyl awnings, light boxes or plastic signs
- Pole/pylon Sign. Pole or pylon Signs are not allowed in the PUD boundary.
- Signs placed in or over the public right-of-way or public property. The City may remove signs in the public right-of-way or on public property.
- Inflatable signs

This prohibition does not apply to:

- Permanent development signs
- Signs placed by government authorities
- Banners placed on a light pole, utility pole or over a street as part of a special event of general civic interest
- Kiosk and way-finding signs
- Signs expressly permitted in this Section or elsewhere in this PUD
- Traffic and safety control signs incorporating flashing lights (i.e. stop sign with flashing lights to improve awareness of intersections and improve safety)
- Marquee digital display screen with imagery.
- Temporary banners including but not limited to “Opening Soon”, “Sale” and “Going Out of Business” banners

4. Exhibits

Legal Description – Exhibit B

Land Use Plan-Exhibit C

Open Space Plan-Exhibit D

Transportation Circulation Diagram-Exhibit E

Street Cross Sections-Exhibit F

Plant Palette-Exhibit G

Exhibit B – Legal Description

EXHIBIT “ ”

Legal Description

BEING A DESCRIPTION OF A TRACT OF LAND CONTAINING 35.1021 ACRES (1,529,046 SQUARE FEET), PARTIALLY OUT OF THE WILLIAM J. BROWN SURVEY NO. 22, ABSTRACT NO. 105, AND PARTIALLY OUT OF THE NATHANIEL EDWARDS SURVEY NO. 21, ABSTRACT NO. 225, BOTH IN WILLIAMSON COUNTY, TEXAS, AND BEING ALL OF A CALLED 4.43 ACRE TRACT CONVEYED TO WILLIAMSON COUNTY IN DOCUMENT NO. 2005053311 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS (O.P.R.W.C.T.), SAID TRACT BEING A PORTION OF LOTS 23 & 24, BLOCK A, HUTTO SQUARE COMMERCIAL LOTS, RECORDED IN CABINET Z, PAGES 281-282 OF THE PLAT RECORDS OF WILLIAMSON COUNTY, TEXAS (P.R.W.C.T.), AND BEING ALL OF LOT 1A, BLOCK 9 OF RAILROAD ADDITION, LOTS 1-4, 5 (S/PT), AND 7 BLOCK 9, AMENDED PLAT, RECORDED IN DOCUMENT NO. 2015080695 (O.P.R.W.C.T.), AND BEING ALL OF A CALLED 0.464 ACRE TRACT CONVEYED TO HILL COUNTRY BIBLE CHURCH HUTTO IN DOCUMENT NO. 2016077686 (O.P.R.W.C.T.), AND BEING ALL OF LOTS 1-7 OF THE FINAL PLAT OF THE CO-OP DISTRICT, DEDICATED IN DOCUMENT NO. 2018038896 (O.P.R.W.C.T.), AND BEING ALL OF THE PORTIONS OF WEST LIVE OAK STREET (RIGHT-OF-WAY VARIES), WEST PECAN STREET (RIGHT-OF-WAY VARIES) AND CO-OP BOULEVARD (RIGHT-OF-WAY VARIES) DEDICATED IN SAID CO-OP DISTRICT, SAID 35.1021 ACRES BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:



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BEGINNING, at a 1/2-inch iron rod with "RJ" cap found in the south line of Lot 15, Block A, Hutto Square Section 1, recorded in Cabinet W, Slides 263-267 (P.R.W.C.T.), and being the northeast corner of a called 2.814 acre tract conveyed to WLD Petersen Investments-Hutto, LLC, in Document No. 2015048567 (O.P.R.W.C.T.), and being the common north corner of Lots 23 and 24, Block A, of Hutto Square Commercial Lots, recorded in Cabinet Z, Pages 281-282 (P.R.W.C.T.), and being the northwest corner of Lot 1 of said Co-op District, for the northwest corner and POINT OF BEGINNING hereof, from which a 1/2-inch iron rod with illegible cap found in the east right-of-way line of Exchange Boulevard (right-of-way varies), and being the southwest corner of Lot 23, Block A of said Hutto Square Section 1, and being the northwest corner of Lot 24, Block A, of said Hutto Square Commercial Lots, and being the northwest corner of said WLD Petersen tract bears, N83°12'42"W, a distance of 422.93 feet;

THENCE, with the south line of Block A of said Hutto Square Section 1 and the north line of Lot 1 of said Co-op District, S83°12'42"E, a distance of 762.58 feet to a 1/2-inch iron rod with illegible cap found for an exterior ell-corner hereof, said point being in the west line of Lot 1, Block 13 of the I. & G. N. Railroad Addition, a subdivision recorded in Volume 50, Page 251 of the Deed Records of Williamson County, Texas (D.R.W.C.T.), and being the southeast corner of Lot 1, Block A of said Hutto Square Section 1, and being the northeast corner of Lot 1 of said Co-op District;

THENCE, in part with the west line of Lot 1, Block 13 of said I. & G. N. Railroad Addition, in part with the west right-of-way line of said W. Live Oak Street, in part with the east line of Lot 1 of said Co-op District, in part over and across said W. Live Oak Street, and in part with the east line of Lot 2 of said Co-op District, S07°51'48"W, a distance of 107.24 feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an angle point hereof, said point being a corner in the south right-of-way line of said W. Live Oak Street,

and being in the north line of Lot 1A, Block 9 of Railroad Addition, Lots 1-4, 5 (S/PT), and 7 Block 9, Amended Plat, recorded in Document No. 2015080695 (O.P.R.W.C.T.), and being a northeast corner of Lot 2 of said Co-op District;

THENCE, with the south right-of-way line of said W. Live Oak Street, in part with the north line of said Lot 1A, and in part with the north line of said 0.464 acre Hill Country Bible Church Hutto tract, the following three (3) courses and distances:

- 1) N77°15'31"E, a distance of 107.40 feet to a calculated point for an interior ell-corner hereof,
- 2) N12°33'04"W, a distance of 10.00 feet to a 1/2-inch iron rod with illegible cap found for an exterior ell-corner hereof, and
- 3) N77°15'31"E, a distance of 180.05 feet to a 1/2-inch iron rod found for the northeast corner hereof, said point being at the intersection of the south right-of-way line of said W. Live Oak Street with the west right-of-way line of West Street (80' right-of-way), and being the northeast corner of said 0.464 acre Hill Country Bible Church Hutto tract;

THENCE, with the west right-of-way line of said West Street, in part with the east line of said 0.464 acre Hill Country Bible Church Hutto tract, and in part with the east line of said Lot 1A, S12°33'09"E, a distance of 261.04 feet to a calculated point for an exterior ell-corner hereof, said point being at the intersection of the west right-of-way line of said West Street with the north right-of-way line of said Pecan Street, and being the southeast corner of said Lot 1A;

THENCE, with the north right-of-way line of said Pecan Street and the south line of said Lot 1A, S77°15'17"W, a distance of 329.78 feet to a calculated point for an interior ell-corner hereof, said point being a corner in the north right-of-way line of said Pecan Street, and being the southwest corner of said Lot 1A;

THENCE, leaving the north right-of-way line of said Pecan Street, over and across said Pecan Street, with the portion of said Pecan Street that was dedicated per plat of said Co-op District, the following four (4) courses and distances:

- 1) S12°32'27"E, a distance of 10.09 feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an exterior ell-corner hereof,
- 2) S77°15'17"W, a distance of 54.99 feet to a 1/2-inch iron rod with illegible cap found for an interior ell-corner hereof,
- 3) S07°51'48"W, a distance of 53.36 feet to a 1/2-inch iron rod with "City of Hutto-Property Corner" aluminum cap found for an interior ell-corner hereof, and
- 4) N77°14'55"E, a distance of 403.39 feet to a calculated point for an exterior ell-corner hereof;

THENCE, in part over and across said Pecan Street, in part with the west right-of-way line of said West Street, and in part with the east line of Lot 4 of said Co-op District, S12°33'09"E, a distance of 195.02 feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an exterior ell-corner hereof, said point being at northeast corner of a called 0.13 acre tract conveyed to Jaspas Properties, LLC, in Document No. 2008077200 (O.P.R.W.C.T.), and being at the southeast corner of Lot 4 of said Co-op District;

THENCE, leaving the west right-of-way line of said West Street, with the south line of Lot 4 of said Co-op District, in part with the north line of said Jaspas Properties tract, and in part with the north line of a tract described as a portion of Lots 5 and 6, Block 8 of said I. & G. N. Railroad Addition, conveyed to Leroy Cast in Volume 1159, Page 263 of the Official Records of Williamson County, Texas (O.R.W.C.T.), S77°14'55"W, a distance of 79.26 feet to a 1/2-inch iron rod with "Ward-5811" cap set for an interior ell-corner hereof, said point being at the northwest corner of a said Cast tract, and being an interior ell-corner of Lot 4 of said Co-op District;

THENCE, with the common line of said Cast tract and Lot 4 of said Co-op District, **S14°18'53"E**, a distance of **74.85** feet to a 1/2-inch iron rod with "City of Hutto-Property Corner" aluminum cap found for an exterior ell-corner hereof, said point being in the north right-of-way line of Farley Street (80' right-of-way), and being the southwest corner of said Cast tract, and being an exterior ell-corner of Lot 4 of said Co-op District;

THENCE, with the north right-of-way line of said Farley Street and the south line of Lot 4 of said Co-op District, **S77°03'02"W**, a distance of **192.83** feet to an 1/2-inch iron rod with "4Ward Boundary" cap set for an interior ell-corner hereof, said point being at the northwest terminus of said Farley Street, and being the northeast corner of Lot 5 of said Co-op District;

THENCE, in part with the western terminus of said Farley Street, in part with the west line of Block 1 of the Amended Plat of Lots 1 through 9, Inclusive, and Lots 12-13 and 14 and the 17-foot Alley in Block 1 of I&GN Railroad Addition Original City of Hutto, a subdivision plat recorded in Cabinet EE, Slide 293 (P.R.W.C.T.), and with the east lines of Lots 4 and 5 of said Co-op District, **S12°42'36"E**, a distance of **349.97** feet to a 1/2-inch iron rod found for the southeast corner hereof, said point being an angle point in the north right-of-way line of U.S. Highway 79 (right-of-way varies), and being the southwest corner of said Block 1 of said Amended plat of Lots 1 through 9, Inclusive, and Lots 12-13 and 14 and the 17-foot Alley in Block 1 of I&GN Railroad Addition Original City of Hutto, and being the southeast corner of Lot 4 of said Co-op District;

THENCE, with the north right-of-way line of said U.S. Highway 79, in part with the south lines of Lots 4 and 6 of said Co-op District, and in part with the south terminus of said Co-Op Boulevard, the following five (5) courses and distances:

- 1) **S68°32'09"W**, a distance of **51.41** feet to a 1/2-inch iron rod with illegible cap found for a point of curvature hereof,
- 2) **44.01** Feet along the arc of a curve to the left, having a radius of **2,904.79** feet, and a chord which bears **S72°28'08"W**, a distance of **44.01** feet to a TxDot Type II brass disc found for a point of tangency hereof,
- 3) **S72°19'10"W**, a distance of **324.62** feet to a TxDot Type II brass disc found for a point of curvature hereof,
- 4) **246.50** Feet along the arc of a curve to the right, having a radius of **2,824.79** feet, and a chord which bears **S74°47'48"W**, a distance of **246.42** feet to a 1/2-inch iron rod with "Baker Aicklen" cap found for a point of tangency hereof, and
- 5) **S77°20'10"W**, a distance of **249.44** feet to a TxDot Type II brass disc found for the southwest corner hereof, said point being an angle point in the north right-of-way line of said U.S. Highway 79, and being the southeast corner of a called 0.11 acre tract described in Volume 238, Page 172 (D.R.W.C.T.), and being a southwest corner Lot 6 of said Co-op District, from which a 1/2-inch iron rod with illegible cap found at an angle point in the north right-of-way line of said U.S. Highway 79, and being the southeast corner of Lot 25A, Block A of Hutto Square Commercial Lots, Phase B, recorded in Cabinet BB, Slides 184-186 (P.R.W.C.T.), and being the southwest corner of said 0.11 acre tract bears, **S89°00'55"W**, a distance of **48.65** feet;

THENCE, leaving the north right-of-way line of said U.S. Highway 79, in part with the east lines of said 0.11 acre tract and said Lot 25A, and in part with the west line of Lot 6 of said Co-op District, **N07°31'47"E**, a distance of **321.82** feet to a 1/2-inch iron rod with "Coalter-1481" cap found for an interior ell-corner hereof, said point being the common north corner of said Lot 25A and Lot 6 of said Co-op District;

THENCE, with the common line of said Lot 25A and Lot 6 of said Co-op District, the following two (2) courses and distances:

- 1) N86°13'57"W, a distance of 307.47 feet to a disturbed 1/2-inch iron rod found for an interior ell-corner hereof, and
- 2) S07°20'38"W, a distance of 37.49 feet to 1/2-inch iron rod with "4Ward Boundary" cap set for an exterior ell-corner hereof, said point being at the common east corner of Lot 25B of said of Hutto Square Commercial Lots, Phase B and Lot 6 of said Co-op District;

THENCE, with the south line of Lot 6 of said Co-op District, in part with the north line of said Lots 25A & 25B, in part with the north line of Lot 2A of the Resubdivision of Lot 2, Hutto Exchange, recorded in Cabinet AA, Slides 211-212 (P.R.W.C.T.), and in part with the east right-of-way line of Exchange Boulevard, the following two (2) courses and distances:

- 1) N79°31'52"W, a distance of 188.64 feet to a 1/2-inch iron rod with "4Ward Boundary" cap set for an angle point hereof, and
- 2) N67°36'52"W, a distance of 211.01 feet to a chiseled "X" found in concrete for the southwest corner hereof, said point being a corner in the east right-of-way line of said Exchange Boulevard, and being a southwest corner of Lot 6 of said Co-op District;

THENCE, with the east right-of-way line of said Exchange Boulevard and the west line of Lot 6 of said Co-op District, the following four (4) courses and distances:

- 1) 15.69 Feet along the arc of a curve to the left, having a radius of 680.00 feet, and a chord which bears N07°41'36"W, a distance of 15.69 feet to a mag nail with "4Ward Boundary" washer set for a point of reverse curvature hereof,
- 2) 193.73 Feet along the arc of a curve to the right, having a radius of 370.00 feet, and a chord which bears N06°38'44"E, a distance of 191.52 feet to a mag nail in asphalt found for a point of reverse curvature hereof,
- 3) 96.13 Feet along the arc of a curve to the left, having a radius of 430.00 feet, and a chord which bears N15°13'50"E, a distance of 95.93 feet to a chiseled "X" found in concrete for a point of non-tangency hereof, said point being at a corner in the east right-of-way line of said Exchange Boulevard, and being the northwest corner of said Lot 14, and
- 4) S83°05'40"E, a distance of 5.40 feet to a 1/2-inch iron rod with "RJ" cap found for an interior ell-corner hereof, said point being at a corner in the east right-of-way line of said Exchange Boulevard, and being in the north line of Lot 6 of said Co-op District, and being the southwest corner of said Williamson County tract, and being a southwest corner of said Lot 23;

THENCE, with the east right-of-way line of said Exchange Boulevard, and with the west line of said Williamson County tract, and in part with the west lines of said Lots 23 & 24, the following four (4) courses and distances:

- 1) 25.84 Feet along the arc of a curve to the left, having a radius of 435.00 feet, and a chord which bears N07°40'10"E, a distance of 25.83 feet to a 1/2-inch iron rod with "RJ" cap found for a point of tangency hereof,
- 2) N05°38'31"E, a distance of 151.41 feet to a 1/2-inch iron rod with "RJ" cap found for a point of curvature hereof,
- 3) 134.63 Feet along the arc of a curve to the right, having a radius of 1,965.00 feet, and a chord which bears N07°27'50"E, a distance of 134.61 feet to a calculated point for a point of tangency hereof, and
- 4) N09°32'37"E, a distance of 97.41 feet to a 1/2-inch iron rod with illegible cap found for a northwest corner hereof, said being the southwest corner of said W L D Petersen tract, and being the northwest corner of said Williamson County tract;

THENCE, leaving the east right-of-way line of said Exchange Boulevard, with the common line of said W L D Petersen tract and said Williamson County tract, **S83°11'49"E**, a distance of **439.42** feet to a 1/2-inch iron rod with illegible cap found for an interior ell-corner hereof, said point being in the west line of Lot 2 of said Co-op District, and being in the west line of said Lot 24, and being the common east corner of said W L D Petersen tract and said Williamson County tract;

THENCE, with the east line of said W L D Petersen tract and Lot 24 of said Hutto Square Commercial Lots, and with the west line of said Lot 1 of said Co-op District, **N05°40'42"E**, a distance of **284.77** feet to the **POINT OF BEGINNING** and containing 35.1021 Acres (1,529,046 Square Feet) of land, more or less.

NOTE:

All bearings are based on the Texas State Plane Coordinate System, Grid North, Central Zone (4203), all distances were adjusted to surface using a combined scale factor of 1.000117952327. See attached sketch (reference drawing: 00627_rev2.dwg).

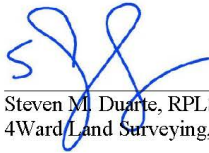
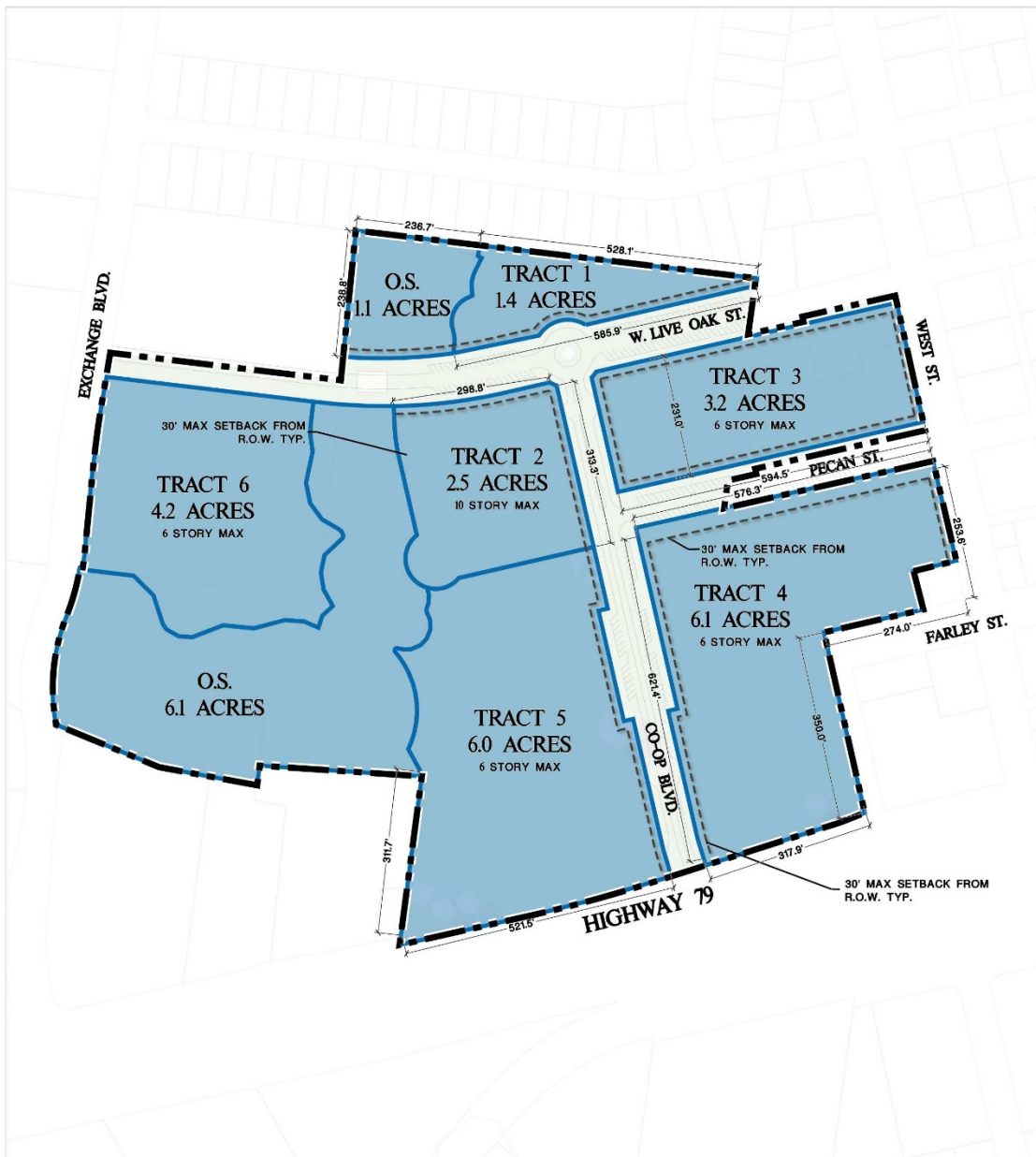
 **7/10/2018**
Steven M. Duarte, RPLS #5940
4Ward Land Surveying, LLC



Exhibit C – Land Use Plan



SHEET FILE: R:\170041-WTRD\Civil\PLANNING\Submit\Co-op PUD zoning Amendment 2 May 2023\Amendment #2 Staff Comments August 2023\Exhibit C.dwg

Exhibit D – Open Space Plan



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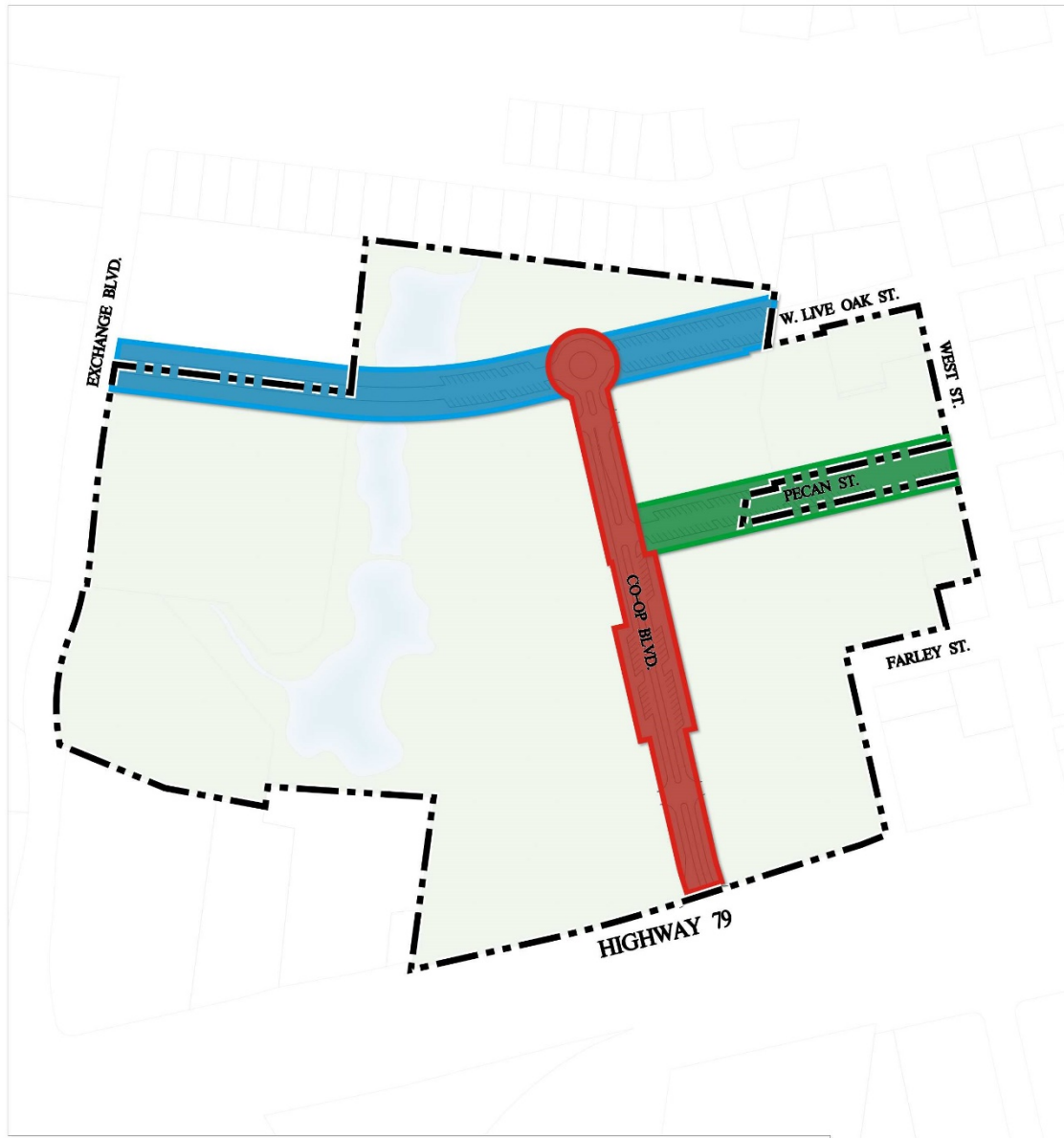
EXHIBIT D
 OPEN SPACE PLAN
MA PARTNERS
 HUTTO, TEXAS

NORTH
 0 100 200 400
 Scale: 1" = 250'
 Date: August 2, 2023

Base mapping compiled from best available information. All map data should be considered as preliminary, in need of verification, and subject to change. This land plan is conceptual in nature and does not represent any regulatory approval. Plan is subject to change.

SHEET FILE: R:\170841-INTRO\Caddies\PLANNING\Submittals\Co-op PUJ zoning\Amendment 2 May 2023\Amendment 02 Staff Comments August 2023\Exhibit D.dwg

Exhibit E – Transportation Circulation Plan



LEGEND	
—	CO - OP DISTRICT STREET
—	PECAN STREET
—	W. LIVE OAK STREET



0 100 200 400

Scale: 1" = 250'
Date: August 2, 2023



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EXHIBIT E TRANSPORTATION & CIRCULATION PLAN

MA PARTNERS
HUTTO, TEXAS

Base mapping compiled from best available information. All map data should be considered as preliminary, in need of verification, and subject to change. This land plan is conceptual in nature and does not represent any regulatory approval. Plan is subject to change.

SHEET FILE: R:\170041-07\GIS\Map\PLANNING\Submittal\Co-op\POD zoning Amendment 2 May 2023\Amendment R2 Staff Comments August 2023\Exhibit E.dwg

60°

6' 20' 15' 14' 15' 20' 6'

85' MIN

BUILD TO LINE VARIES

MEDIAN DIVIDED - ANGLE PARKING BOTH SIDES

60°

15' 14' 15' 20' 6'

65' MIN

BUILD TO LINE VARIES

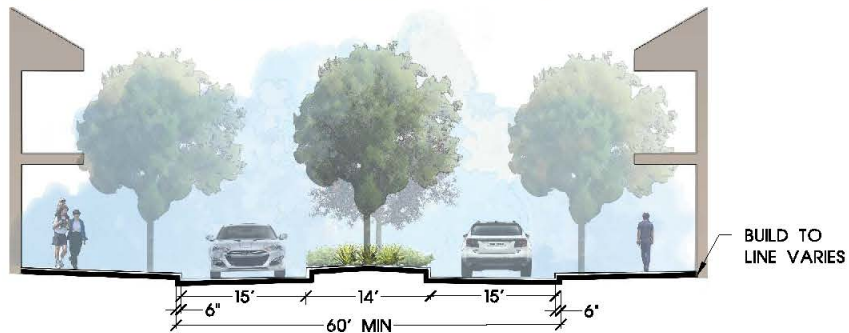
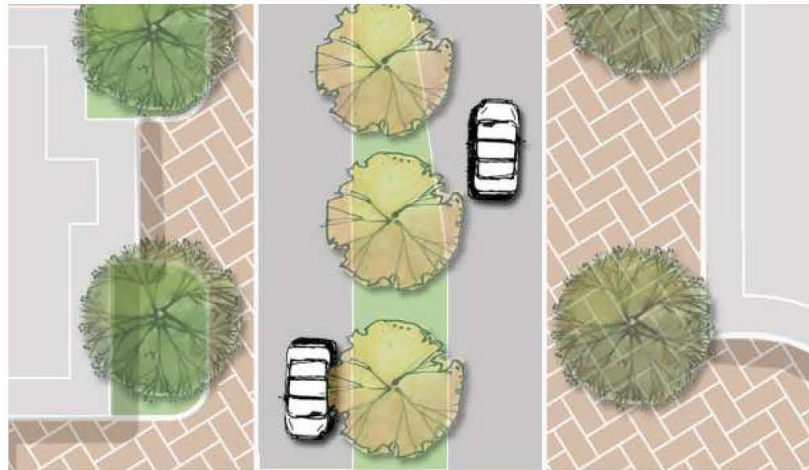
MEDIAN DIVIDED - ANGLED PARKING ONE SIDE

PLAZA VARIES MIN. WALK 6'

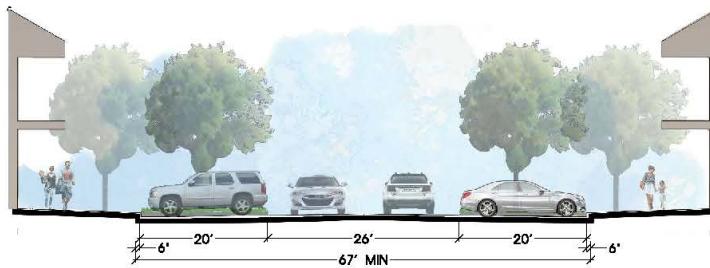
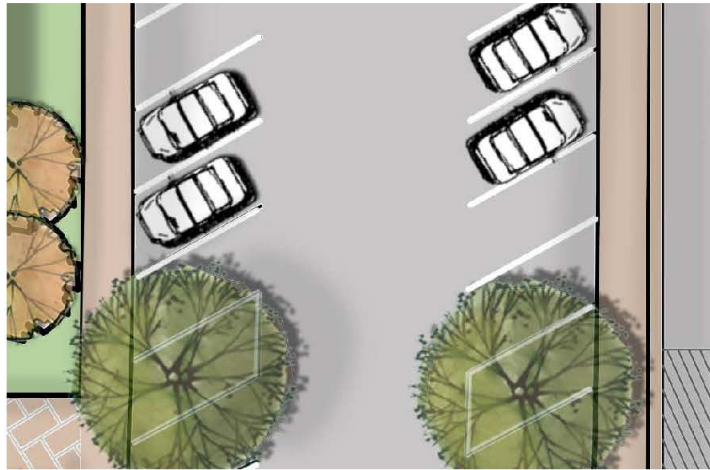
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CO - OP STREET
HUTTO CO-OP
HUTTO, TEXAS

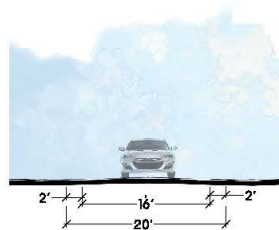
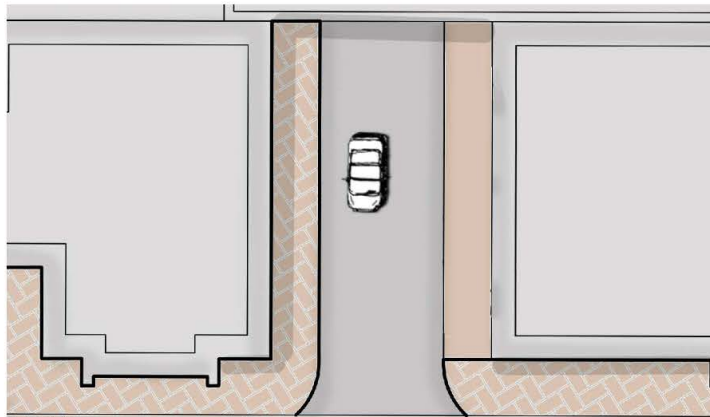
DATE: August, 2017
SHEET FILE: H117041-WTRG-Cadfree-PLANNING-Submittal-Group-FUD-zoning-August.2017-FUD-zoning-Submittal-9-7-2017-Exhibit-street-section.dwg
Base mapping compiled from best available information. All map data should be considered as preliminary, in need of verification, and subject to change. This land plan is conceptual in nature and does not represent any regulatory approval. Plan is subject to change.



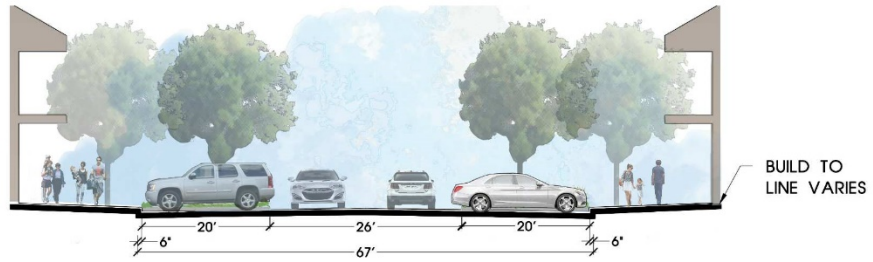
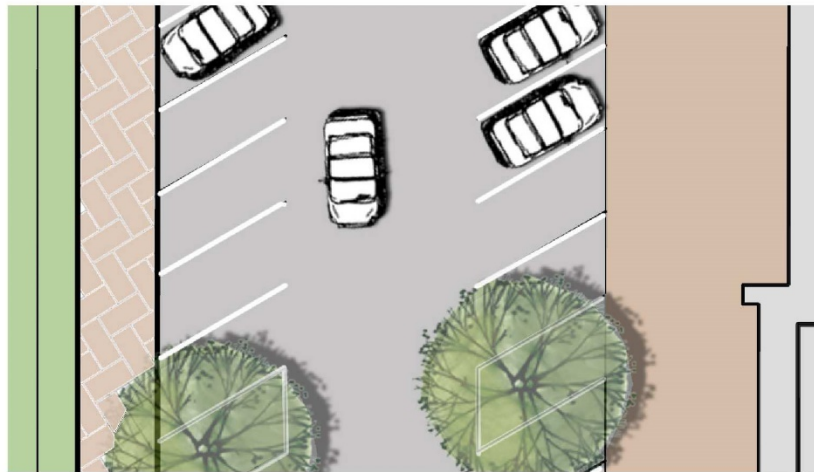
MEDIAN DIVIDED - NO ON-STREET PARKING



W. LIVE OAK - ANGLE PARKING BOTH SIDES



ALLEY TYPICAL SECTION



PECAN - ANGLE PARKING BOTH SIDES

Exhibit G – Plant Palette

Exhibit G

SHADE TREES / STREET TREES			
BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<i>Platanus mexicana</i>	Mexican Sycamore	4" cal., 10' ht. x 5' spd. cont. grwn.	FULL CANOPY, STRAIGHT TRUNK
<i>Quercus macrocarpa</i>	Bur Oak	4" cal., 10' ht. x 5' spd. cont. grwn.	FULL CANOPY, STRAIGHT TRUNK
<i>Quercus polymorpha</i>	Mexican White Oak	4" cal., 10' ht. x 5' spd. cont. grwn.	FULL CANOPY, STRAIGHT TRUNK
<i>Quercus texana</i>	Texas Red oak	4" cal., 10' ht. x 5' spd. cont. grwn.	FULL CANOPY, STRAIGHT TRUNK
<i>Quercus virginiana</i>	Live Oak	4" cal., 10' ht. x 5' spd. cont. grwn.	FULL CANOPY, STRAIGHT TRUNK
<i>Ulmus parvifolia</i>	Lacebark Elm	4" cal., 10' ht. x 5' spd. cont. grwn.	FULL CANOPY, STRAIGHT TRUNK
SMALL TREES			
BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<i>Bauhinia lunarioides</i>	Anacacho Orchid Tree	6' ht, min., 3 trunks, @ 1-1/2" cal. Each. Cont. grwn.	MULTI-STEM, MUST BE FROM A SINGLE ROOT CROWN
<i>Cercis canadensis var. texensis</i>	Texas Redbud	6' ht, min., 3 trunks, @ 1-1/2" cal. Each. Cont. grwn.	MULTI-STEM, MUST BE FROM A SINGLE ROOT CROWN
<i>Chitalpa x Chitalpa</i>	Chitalpa Tree	6' ht, min., @ 2" cal. Cont. grwn.	MUST BE FROM A SINGLE ROOT CROWN
<i>Ilex decidua</i>	Possumhaw Holly Tree	6' ht, min., 3 trunks, @ 1-1/2" cal. Each. Cont. grwn.	MULTI-STEM, MUST BE FROM A SINGLE ROOT CROWN
<i>Ilex vomitoria</i>	Yaupon Holly Tree	6' ht, min., 3 trunks, @ 1-1/2" cal. Each. Cont. grwn.	MULTI-STEM, MUST BE FROM A SINGLE ROOT CROWN

Exhibit G

<i>Lagerstroemia indica 'Natchez'</i>	Natchez Crape Myrtle	6' ht, min., 3 trunks, @ 1-1/2" cal. Each. Cont. grwn.	MULTI-STEM, MUST BE FROM A SINGLE ROOT CROWN
<i>Lagerstroemia indica 'Tuscarora'</i>	Tuscarora Crape Myrtle	6' ht, min., 3 trunks, @ 1-1/2" cal. Each. Cont. grwn.	MULTI-STEM, MUST BE FROM A SINGLE ROOT CROWN
<i>Parkinsonia aculeata</i>	Retama Palo Verde	6' ht, min., 3 trunks, @ 1-1/2" cal. Each. Cont. grwn.	MULTI-STEM, MUST BE FROM A SINGLE ROOT CROWN
<i>Sophora secundiflora</i>	Texas Mountain Laurel	6' ht, min., 3 trunks, @ 1-1/2" cal. Each. Cont. grwn.	MULTI-STEM, MUST BE FROM A SINGLE ROOT CROWN

LARGE SHRUBS / SCREENING SHRUBS

BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<i>Berberis trifoliata</i>	Agarita	7 gal. cont.	FULL
<i>Cotoneaster</i>	Cotoneaster	7 gal. cont.	FULL
<i>Elaeagnus pungens</i>	Elaeagnus	7 gal. cont.	FULL
<i>Ilex cornuta 'Nellie R. Stevens'</i>	Nellie Stevens Holly	7 gal. cont.	FULL
<i>Morella cerifera</i>	Wax Myrtle	7 gal. cont.	FULL
<i>Prunus caroliniana</i>	Carolina Cherry laurel	7 gal. cont.	FULL
<i>Rhus virens</i>	Evergreen Sumac	7 gal. cont.	FULL
<i>Viburnum suspensum</i>	Sandankwa Viburnum	7 gal. cont.	FULL
<i>Xiloma congestum</i>	Xyloma	7 gal. cont.	FULL

EVERGREEN SHRUBS

BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<i>Abelia x grandiflora</i>	Glossy Abelia	5 gal. cont.	FULL
<i>Callistemon citrinus</i>	Bottlebrush	5 gal. cont.	FULL
<i>Dietes bicolor</i>	Bicolor Iris	5 gal. cont.	FULL

Exhibit G

<i>Feioja sellowiana</i>	Pineapple Guava	5 gal. cont.	FULL
<i>Galphinia glauca</i>	Thyrallis	5 gal. cont.	FULL
<i>Ilex cornuta 'Burfordii'</i>	Burford Holly	5 gal. cont.	FULL
<i>Jasminum mesnyi</i>	Primrose Jasmine	5 gal. cont.	FULL
<i>Leonotis leonurus</i>	Lion's Tail	5 gal. cont.	FULL
<i>Leucophyllum frutescens</i>	Texas Sage	5 gal. cont.	FULL
<i>Leucophyllum langmaniae</i> 'Lynn's Legacy'	Lynn's Everblooming	5 gal. cont.	FULL
<i>Poliomnitha longiflora</i>	Mexican Oregano	5 gal. cont.	FULL
<i>Rosa 'Double Knock Out'</i>	Double Knockout Rose (Red, Pink or White)	5 gal. cont.	FULL
<i>Rosemarinus officinalis</i>	Upright Rosemary	5 gal. cont.	FULL
<i>Salvia greggii</i>	Autumn Sage (various colors)	5 gal. cont.	FULL
<i>Teucrium fruticans</i>	Bush Germander 'Azure'	5 gal. cont.	FULL
PERENNIALS			
BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<i>Anisacanthus quadrifidus</i> var. <i>wrightii</i>	Flame Acanthus	5 gal. cont.	FULL
<i>Caesalpinia pulcherrima</i>	Pride of Barbados	5 gal. cont.	FULL
<i>Lantana urticoides</i>	Texas Lantana (all varieties)	5 gal. cont.	FULL
<i>Malvaviscus arboreus</i>	Turks Cap	5 gal. cont.	FULL
<i>Phlomis fruticosa</i>	Jerusalem Sage	5 gal. cont.	FULL
<i>Plumbago auriculata</i>	Plumbago (Blue or White)	5 gal. cont.	FULL
<i>Salvia farinacea</i>	Mealy Blue Sage	5 gal. cont.	FULL
<i>Salvia guarantica</i>	Magestic Sage	5 gal. cont.	FULL
<i>Salvia leucantha</i>	Mexican Bush Sage	5 gal. cont.	FULL

Exhibit G

<i>Tecoma Stans</i>	Yellow Bells (Yellow, Apricot and Burgundy)	5 gal. cont.	FULL
<i>Tulbaghia violacea</i>	Society Garlic	5 gal. cont.	FULL
ORNAMENTAL GRASSES			
BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<i>Bouteloua gracilis</i> 'Blonde Ambition'	Blonde Ambition Blue Gramma	5 gal. cont.	FULL
<i>Muhlenbergia lindheimeri</i>	Lindheimer Muhly	5 gal. cont.	FULL
<i>Muhlenbergia capillaris</i>	Gulf Coast Muhly	5 gal. cont.	FULL
<i>Muhlenbergia dubia</i>	Pine Muhly	5 gal. cont.	FULL
<i>Muhlenbergia rigens</i>	Deer Muhly	5 gal. cont.	FULL
<i>Muhlenbergia sinensis</i>	Maiden Grass	5 gal. cont.	FULL
<i>Pennisetum setaceum</i>	Fountain Grass	5 gal. cont.	FULL
GROUNDCOVERS			
BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<i>Crysactinia mexicana</i>	Damianita	1 gal. cont.	FULL
<i>Dichondra argentea</i>	Silver Ponyfoot	1 gal. cont.	FULL
<i>Lantana x hybrida</i>	New Gold Lantana	1 gal. cont.	FULL
<i>Lantana montevidensis</i>	Trailing Lantana (White and Purple)	1 gal. cont.	FULL
<i>Liriope muscari</i>	Liriope	1 gal. cont.	FULL
<i>Ophiopogon japonicus</i>	Monkey Grass	1 gal. cont.	FULL
<i>Phyla nodiflora</i>	Frogfruit	1 gal. cont.	FULL
<i>Rosemary officinalis</i>	Trailing Rosemary	1 gal. cont.	FULL
<i>Stemodia lantana</i>	Wolly Stemodia	1 gal. cont.	FULL
<i>Scutellaria suffrutescens</i>	Pink Skullcap	1 gal. cont.	FULL

Exhibit G

<i>Teucrium cossonii</i>	Creeping Germander	1 gal. cont.	FULL
<i>Wedelia texana</i>	Zexmenia	1 gal. cont.	FULL
ACCENT PLANTS			
BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<i>Dasyllirion wheeleri</i>	Grey Sotol	10 gal. cont.	FULL
<i>Hesperaloe funifera</i>	Giant Yucca	10 gal. cont.	FULL
<i>Hesperaloe parviflora</i>	Red Yucca (all color varieties)	5 gal. cont.	FULL
<i>Opuntia spp.</i>	Prickly Pear (Thornless Varieties)	5 gal. cont.	FULL
<i>Yucca recurvifolia</i>	Softleaf Yucca	5 gal. cont.	FULL
<i>Yucca faxoniana x treculeana</i>	Spanish Dagger	15 gal. cont.	FULL
<i>Yucca rostrata</i>	Big Bend Yucca or Beaked Yucca	15 gal. cont.	FULL
VINES			
BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
<i>Gelsemium sempervirens</i>	Carolina Jessamine	1 gal. cont., 24" tall min.	FULL, ON ESPALIER
<i>Lonicera sempervirens</i>	Coral Honeysuckle	1 gal. cont., 24" tall min.	FULL, ON ESPALIER
<i>Rosa 'Lady Banksia'</i>	Lady Banksia Rose	1 gal. cont., 24" tall min.	FULL, ON ESPALIER
<i>Trachelospermum jasminoides</i>	Confederate Jasmine	1 gal. cont., 24" tall min.	FULL, ON ESPALIER

AGENDA ITEM REPORT

11.15.



To: Planning and Zoning Commission
Subject: Consideration and possible action on Ordinance No. O-2023-033 for the proposed Specific Use Permit request for the property known as 901 Ed Schmidt Boulevard, to allow a drive-through facility (UDC 10.304.10) (Second Reading) (Ashley Bailey)
Meeting: Thursday, October 19, 2023
Department: Development Services
Staff Contact: Ashley Bailey

BACKGROUND INFORMATION:

The proposal consists of an approximately 1.30 acres parcel, within the Ed Schmidt Commercial Addition. The property is currently zoned Local Business (B-1) and is in the Gateway Overlay District.

Adjacent Zoning and Uses:

WEST: SF-1, Vacant Residential Zoning

NORTH: B-2, Convenience Store

EAST: ETJ with Development Agreement (Upper Schmidts Creek PUD)

SOUTH: B-1, Vacant Commercial Zoning

The applicant is proposing an approximately 6,360 sq ft restaurant and retail multi-tenant building with a drive-through. The applicant has submitted site development plans and is currently in the review process. There will be shared driveways between the site north and south of this project, maximizing the driveway spacing along Ed Schmidt Blvd. in accordance with the requirements of the development code. This item was originally discussed at the June 15, 2023 City Council meeting but the item failed for a lack of a second on the first reading. The feedback provided was to have the applicant provide additional building details, which are attached.

The item is also on the 10/10 Planning and Zoning Commission agenda, staff will have the formal recommendation at the City Council meeting.

10.304.10 Accessory Uses

Accessory uses and structures are intended to allow property owners the full use of their property while maintaining the character of the surrounding area. Accessory uses and structures must be built and used only for the purposes that are secondary and normal to the principal use of the property and must be placed on the same lot with the principal use.

10.311.5 Drive-through facility

10.311.5.1 Definition

Drive-through facility: element of a business where goods or services are passed through exterior

AGENDA ITEM REPORT

11.15.



windows or mechanical devices to patrons in queued motor vehicles.

10.311.5.1 Permitted locations

Drive-through facilities are considered subject to specific use permit reviews as an accessory use for commercial uses in the B-1 district.

The applicant will go through the Site Plan and Building Permit Process.

Staff sent notices to 40 adjacent property owners within 600' and to date has received one response.

SUMMARY OF REQUEST:

Open public hearing, conduct hearing, close public hearing. Request Motion to issue Specific Use Permit for the property known as 901 Ed Schmidt Boulevard, to allow a drive-through facility (UDC 10.304.10)

STAFF REVIEW:

Staff recommends approval of the Specific Use Permit.

FISCAL NOTES:

No known fiscal impacts from conducting public hearing or issuing the Special Use Permit

POLICY IMPLICATIONS:

ATTACHMENTS:

1. 901_Ed_Schmidt_Boulevard_El_Pollo_Rico_SUP_Drive_Thru_Newspaper_Map
2. Zoning Map
3. LOI
4. 901 Ed Schmidt-SUP-(Std. 2 Readings)
5. Prop Survey
6. 2023-28733-901ESB-EIPolloRico-SP-Init-Plan(3-16-23)
7. El Pollo Rico Updated Elevations
8. Objection - Sheryl Walton

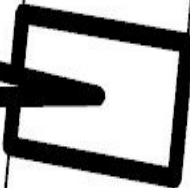
901 Ed Schmidt Boulevard - El Pollo Rico - SUP (Drive-Thru)



LIMMER-LOOP

CR-119

R624597



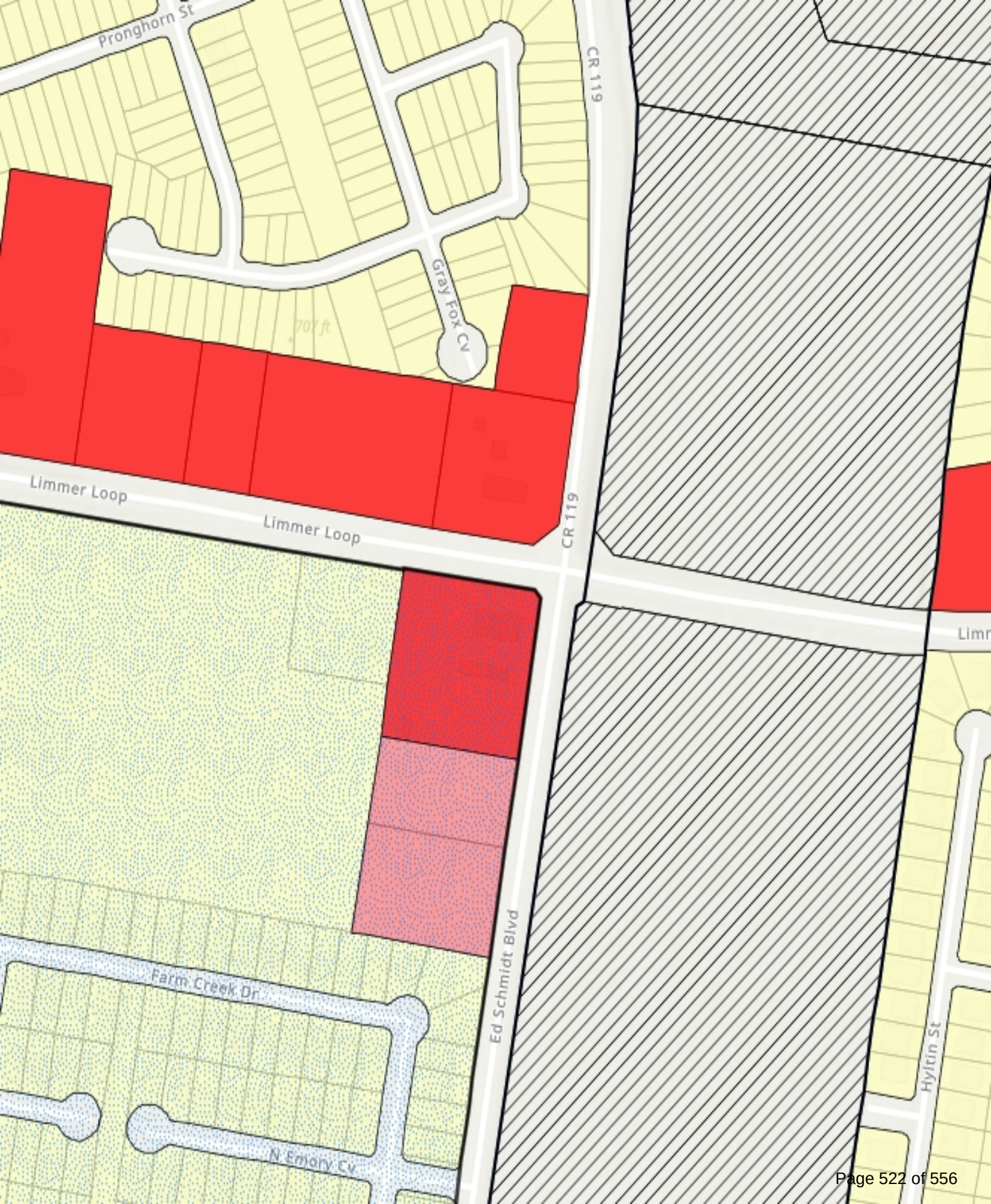
ED-SCHMIDT-BLVD

HYL-TIN-ST

0 250 500 1,000

Feet

This map was produced for the sole purpose of aiding the City of Hutto in planning purposes and is not warranted for any other use. No warranty is made by creator or city regarding its accuracy or completeness.



May 5th, 2023

The City of Hutto
500 W. Live Oak Street
Hutto, Tx. 78634

Re: El Pollo Rico Restaurant – Hutto – Specific Use Permit

To whom it may concern,

We are respectfully requesting a Specific Use Permit for the proposed El Pollo Rico Restaurant – Hutto, located at 910 Ed Schmidt Blvd., Hutto, Tx 78634.

This Specific Use Permit will allow for a drive-through facility at the proposed El Pollo Rico Restaurant site. This drive-through will equip the proposed restaurant to better serve their customers and community.

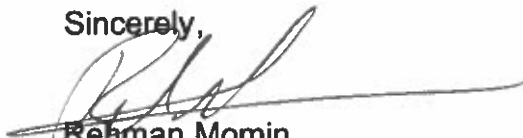
Under the Local Business (B-1) zoning, we are required to obtain a Specific Use Permit in order to operate a drive-through facility and remain in compliance of with UDC 10.311.5.2.

RELATED PROJECT

A similar project (Golden Chick) with the same zoning (Local Business - B-1), located at 405 Farm to Market 685, Hutto, Tx 78634, is approved with a drive-through facility.

Should you have any questions or comments, please feel free to contact our office.

Sincerely,



Rehman Momin
Limmer Investments, LLC

ORDINANCE NO. O-2023-033

AN ORDINANCE GRANTING A SPECIFIC USE PERMIT TO ALLOW A DRIVE-THROUGH USE IN THE B-1 (COMMERCIAL: LOCAL/NEIGHBORHOOD) ZONING DISTRICT AT 901 ED SCHMIDT BOULEVARD, 1.3 ACRES, MORE OR LESS, OF LAND, BEING MORE PARTICULARLY DESCRIBED IN EXHIBIT A, ATTACHED HERETO AND INCORPORATED HEREIN; PROVIDING FOR: FINDINGS OF FACT, ENACTMENT, REPEALER, PUBLICATION, SEVERABILITY, EFFECTIVE DATE, PENALTY, AND PROPER NOTICE & MEETING..

WHEREAS, the City of Hutto is a home rule city acting under its charter adopted by the electorate pursuant to Article XI, Section 5 of the Texas Constitution and Chapter 9 of the Local Government Code; and

WHEREAS, the City has adopted a Unified Development Code (“UDC”), regulating the location and use of buildings, other structures and land for business, industrial, residential or other purposes, and providing for a method to amend said ordinance and map for the purpose of promoting the public health, safety, morals and general welfare, all in accordance with a comprehensive plan; and

WHEREAS, in accordance with the UDC, the owner of the property referenced below has filed an application for a Specific Use Permit for a drive-through use in the B-1- Commercial: Local/Neighborhood Zoning District; and

WHEREAS, a request has been made to the City Council of the City of Hutto, Texas to grant a Specific Use Permit to allow a drive-through use in B-1- Commercial: Local/Neighborhood Zoning District at the property known as 901 Ed Schmidt Blvd., described in **Exhibit A**, being attached hereto and incorporated herein; and

WHEREAS, on the 6th day of June, 2023, after proper notification, the Planning and Zoning Commission held a public hearing on the proposed Specific Use Permit request; and

WHEREAS, the Planning and Zoning Commission recommended approval of the proposed Specific Use Permit request on the 6th day of June, 2023; and

WHEREAS, on the 15th day June, 2023, after proper notification, the City Council held a public hearing on the proposed Specific Use Permit request; and

WHEREAS, the City Council determines that the regulations provided for herein promotes the health, safety, morals and protects and preserves the general welfare of the community; and

WHEREAS, each and every requirement set forth in Chapter 211, Sub-Chapter A., Texas Local Government Code, and Article 14.02.002, Code of Ordinances (2020 Edition, as amended), City of Hutto, Texas concerning public notices, hearings, and other procedural matters has been fully complied with; and

WHEREAS, the City finds that this ordinance was passed and approved at a meeting of the City Council of the City of Hutto held in strict compliance with the Texas Open Meetings Act at which a quorum of the City Council Members were present and voting; and

WHEREAS, the City Council of the City does hereby deem it advisable and in the public interest to grant such permit on the terms and conditions described herein.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF HUTTO, TEXAS:

Section 1. Findings of Fact: In accordance with the Unified Development Code, the City Council has considered and made findings on the following matters regarding the proposed Specific Use Permit request:

- The proposed use conforms to the Unified Development Code and is consistent with the comprehensive, neighborhood and other applicable land use and development plans.
- The proposed use is compatible with existing and permitted uses in the surrounding area and would not adversely affect property near the site.
- The site is a legal building lot.

Section 2. Specific Use Permit Granted: A Specific Use Permit is hereby granted as shown and described below:

Applicant:

Property Address:

Legal Description: 901 Ed Schmidt Blvd. and/or Lot 1, Block A Ed Schmidt Commercial Addition being more particularly described in **Exhibit A**.

Specific Use: The property shall remain located in the “B-1” Zoning District, and a Specific Use Permit permitting a drive-through is hereby granted subject to the terms and conditions provided herein

Section 3. Zoning Ordinance and Special Terms and Conditions Applicable: The use of the property described herein shall be subject to all the applicable regulations contained in the UDC and all other applicable and pertinent ordinances of the City, for the zoning district into which they have been assigned. In addition, use of the property described above shall be subject to all restrictions, terms and conditions contained in the Site Plan, attached as **Exhibit B**, and conditions attached as **Exhibit C**. **Exhibit B** and **Exhibit C** are incorporated herein by reference.

Section 4. Repealer: All ordinances, or parts thereof, that are in conflict or inconsistent with any provision of this Ordinance are hereby repealed to the extent of such conflict, and the provisions of this Ordinance shall be and remain controlling as to the matters regulated, herein.

Section 5. Publication Cause: The City Secretary of the City of Hutto is hereby authorized and directed to publish the caption of this ordinance in the manner and for the length of time prescribed by law.

Section 6. Severability: Should any of the clauses, sentences, paragraphs, sections, or parts of this Ordinance be deemed invalid, unconstitutional, or unenforceable by a court of law or administrative agency with jurisdiction over the matter, such action shall not be construed to affect any other valid portion of this Ordinance.

Section 7. Passage: Pursuant to Section 3.13 of the Hutto City Charter, the Council determined that the first reading of this ordinance is sufficient for adequate consideration by an affirmative vote of four or more members of the City Council during the first reading and the requirement for reading this Ordinance on two separate dates was dispensed with by the affirmative vote of four or more members of the City Council; therefore, this Ordinance is adopted and enacted without further readings. In the event a second reading is necessary, this Ordinance is adopted and enacted upon the affirmative vote of four or more members of the City Council upon second reading.

Section 8. Effective Date: This Ordinance shall take effect immediately after its final passage and any publication in accordance with the requirements of the City of Hutto and the laws of the State of Texas.

Section 9. Penalty: Any person, firm or corporation who violates, disobeys, omits, neglects or refuses to comply with or who resists the enforcement of any of the provisions of this Ordinance shall be fined not more than Two Thousand Dollars (\$2,000.00) for each offense. Each day that a violation is permitted to exist shall constitute a separate offense. In addition, any person, firm or corporation who violates, disobeys, omits, neglects or refuses to comply with or who resists the enforcement of any of the provisions of this Ordinance may be subjected to such civil penalties as authorized by law.

Section 10. Proper Notice & Meeting: It is hereby officially found and determined that the meeting at which this Ordinance was passed was open to the public, and that public notice of the time, place and purpose of said meeting was given as required by the Open Meetings Act, Texas Government Code, Chapter 551. Notice was also provided as required by Chapter 52 of the Texas Local Government Code.

READ and APPROVED on the first reading this the _____ day of _____ **2023.**

READ, PASSED, and ADOPTED on the second reading of this ____ day of _____, **2023** at a regular meeting of the City Council of Hutto, there being a quorum present.

THE CITY OF HUTTO, TEXAS

By: _____
Mike Snyder, Mayor

ATTEST:

By: _____
Angela Lewis, City Secretary
(SEAL)

APPROVED AS TO FORM:

By: _____
Dottie Palumbo, City Attorney

EXHIBIT A – PROPERTY DESCRIPTION

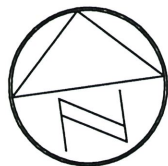
EXHIBIT B – SITE PLAN

EXHIBIT C - SPECIAL TERMS AND CONDITIONS

Conditions of Specific Use Permit:

- 1.
- 2.
- 3.
- 4.
5. The Specific Use Permit is restricted to approx.. _____ sq. ft. as depicted in
Exhibit B – Site Plan.
6. The Specific Use Permit does not run with the land, and expires with the end of the approved use.
7. The Specific Use Permit expires one (1) year from the date of approval by City Council
8. The Specific Use Permit is non-transferable.

A SKETCH OF LOT 1, BLOCK A, ED SCHMIDT COMMERCIAL ADDITION, A SUBDIVISION OF RECORD IN DOCUMENT NO. 2022002381 OF THE OFFICIAL PUBLIC RECORDS OF WILLIAMSON COUNTY, TEXAS.



1" = 60'

LEGEND

- 1/2" REBAR FOUND
- 1/2" REBAR WITH "CHAPARRAL" CAP SET
- () RECORD INFORMATION

LOT 1, BLOCK H
EMORY FARMS
CHURCH TRACT
(CC/177)

LOT 1,
BLOCK A
LIMMER LOOP
COMMERCIAL
SUBDIVISION
(2017093030)

5060.15 SQ. FT.
RIGHT-OF-WAY
DEDICATION
(2017093030)

S82°52'35"E 313.79'
(S82°47'58"E 313.53')

LOT 1
BLOCK A
ED SCHMIDT
COMMERCIAL ADDITION
(2022002381)

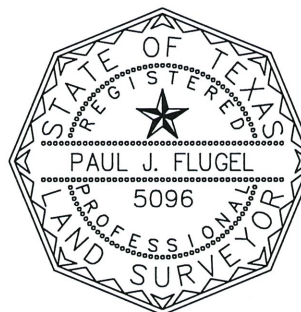
N07°34'19"E 178.79'

S07°30'02"W 182.00'

ED SCHMIDT BOULEVARD -
COUNTY ROAD 119
(R.O.W. WIDTH VARIES)
(6.6863 AC. 2004013915)

N82°17'23"W 314.01'

LOT 2
BLOCK A
ED SCHMIDT
COMMERCIAL
ADDITION
(2022002381)



Paul J. Flugel
5/14/2023

BEARING BASIS: THE TEXAS COORDINATE SYSTEM OF 1983 (NAD83), CENTRAL ZONE, BASED ON GPS SOLUTIONS FROM THE NATIONAL GEODETIC SURVEY (NGS) ON-LINE POSITIONING USER SERVICE (OPUS).

ATTACHMENTS: METES AND BOUNDS DESCRIPTION 1011-001-Z2

Chaparral

DATE OF SURVEY: 01/24/22
PLOT DATE: 05/04/23
DRAWING NO.: 1011-001-Z2
PROJECT NO.: 1011-001
T.B.P.E.L.S. FIRM NO. 10124500
DRAWN BY: JDB

OWNER/DEVELOPER: LIMMER INVESTMENTS, LLC
CONTACT: REHMAN MOMIN
1201 N. INDUSTRIAL BLVD.
ROUND ROCK, TEXAS 78681
(512) 785-7477

ENGINEER: JAMISON CIVIL ENGINEERING LLC
CONTACT: STEPHEN R. JAMISON, P.E.
13812 RESEARCH BLVD. #B-2
AUSTIN, TEXAS 78750
(737) 484-0880

SURVEYOR: CHAPARRAL PROFESSIONAL LAND SURVEYING, INC.
CONTACT: STEVEN P. TIMBERLAKE
3500 McCALL LANE
AUSTIN, TEXAS 78744
(512) 443-1724

LANDSCAPE ARCHITECT: MHB LANDSCAPE ARCHITECT
CONTACT: MARK BROOKS
544 MILITARY DRIVE
CANYON LAKE, TEXAS 78133
(512) 448-0137

TxDOT DRAINAGE NOTE:

DRAINAGE FOR THIS DEVELOPMENT HAS BEEN DESIGNED SUCH THAT THERE WILL BE NO ADVERSE IMPACTS ON THE CAPACITY, FUNCTION OR INTEGRITY OF TEXAS DEPARTMENT OF TRANSPORTATION RIGHT OF WAY DRAINAGE FACILITIES

FLOOD PLAIN NOTE:

NO PORTION OF THIS PROJECT IS WITHIN THE BOUNDARIES OF THE 100 YEAR FLOODPLAIN AS SHOWN ON FEDERAL FLOOD INSURANCE ADMINISTRATION FIRM PANEL 48491C0520F WILLIAMSON COUNTY, TEXAS EFFECTIVE DECEMBER 20, 2019.

GENERAL NOTES:

- THE DISTURBED AREAS WITHIN THIS PROJECT SHALL BE REVEGETATED AND ALL PERMANENT EROSION/SEDIMENTATION CONTROLS COMPLETED PRIOR TO THE ISSUANCE OF OCCUPANCY PERMITS FOR THAT PHASE. TEMPORARY EROSION/SEDIMENTATION CONTROLS SHALL BE ADJUSTED AS NEEDED PRIOR TO THIS RELEASE TO INSURE THAT SUBSEQUENT PHASE DISTURBED AREAS ARE ADEQUATELY COVERED. ANY AREA WITHIN THE LIMIT OF DISTURBANCE OF THE PROJECT WHICH IS NOT ADEQUATELY REVEGETATED SHALL BE BROUGHT INTO COMPLIANCE PRIOR TO THE RELEASE OF THE FINAL PHASE.
- CONTRACTOR SHALL CALL THE ONE CALL CENTER (1-800-245-4545 OR 1-800-545-6005) OR DIG TESS (1-800-344-8377) FOR UTILITY LOCATIONS PRIOR TO ANY WORK IN EASEMENTS OR STREET R.O.W.
- ALL CONSTRUCTION OPERATIONS AROUND SLOPES OR TRENCHES GREATER THAN FIVE FEET IN DEPTH SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION. (OSHA STANDARDS MAY BE PURCHASED FROM THE GOVERNMENT PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 611 EAST 6TH STREET, AUSTIN TEXAS.)

ZONING:

THIS TRACT IS ZONE LOCAL BUSINESS (B-1), PER CITY OF HUTTO MAP DATED FEBRUAY 2019.

LEGAL DESCRIPTION:

LOT 1 ED SCHMIDT COMMERCIAL ADDITION DOC. #2022002381

BENCHMARK:

TBM #1: MAG NAIL WITH WASHER SET IN THE SOUTHWEST CORNER OF A CONCRETE UTILITY VAULT.

ELEVATION = 706.19'
VERTICAL DATUM: NAVD 88 (GEOID 09)

TBM #2: MAG NAIL WITH WASHER SET IN THE SOUTHEAST CORNER OF A CONCRETE SIDEWALK, +/- 30' WEST OF THE WEST EDGE OF ASPHALT OF ED SCHMIDT BOULEVARD AND +/- 388' SOUTH OF THE INTERSECTION OF ED SCHMIDT BOULEVARD AND LIMMER LOOP.

ELEVATION = 707.65'
VERTICAL DATUM: NAVD 88 (GEOID 09)

REVISIONS				
NO.	DESCRIPTION	REVISION/ ADDD)	TOTAL # SHEETS IN PLAN SET	APPROVED/DATE

LIMITATION OF LIABILITY - JAMISON CIVIL ENGINEERING LLC ASSUMES NO LIABILITY FOR ANY DESIGN OR DRAWINGS IN THESE PLANS THAT ARE NOT SIGNED AND SEALED BY A PROFESSIONAL ENGINEER EMPLOYED BY THE FIRM. OTHER CONSULTANTS' WORK SHOWN IN THESE PLANS IS THE RESPONSIBILITY OF THE CONSULTANT WHO PREPARED SUCH WORK, AND IS INCLUDED IN THIS PLAN SET FOR REVIEW REQUIREMENTS ONLY.

SITE PLAN COMPONENTS - ALL BUILDING AND STRUCTURAL IMPROVEMENTS SHOWN HEREON ARE SHOWN FOR CONCEPTUAL PURPOSES ONLY. JAMISON CIVIL ENGINEERING LLC IS NOT RESPONSIBLE OR LIABLE FOR THE DESIGN OF BUILDING AND STRUCTURAL IMPROVEMENTS BY OTHERS.

STRUCTURAL COMPONENTS - ALL STRUCTURAL DESIGN IS THE RESPONSIBILITY OF THE OWNER'S STRUCTURAL ENGINEER. STRUCTURAL DESIGN SHOWN HEREON IS THE DESIGN OF THE OWNER'S STRUCTURAL ENGINEER.

PAVEMENT DESIGN - PAVEMENT DESIGN SHOWN HEREON IS THE DESIGN OF THE OWNER'S GEOTECHNICAL CONSULTANT. JAMISON CIVIL ENGINEERING LLC MAKES NO WARRANTY OR GUARANTEE AS TO ITS SUITABILITY, AND ASSUMES NO LIABILITY THEREFOR.

ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER WHO PREPARED THEM. IN REVIEWING THESE PLANS, CITY OF HUTTO MUST RELY UPON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER. RELEASE OF THIS APPLICATION DOES NOT CONSTITUTE A VERIFICATION OF ALL DATA, INFORMATION AND CALCULATIONS SUPPLIED BY THE APPLICANT. THE ENGINEER OF RECORD IS SOLELY RESPONSIBLE FOR THE COMPLETENESS, ACCURACY AND ADEQUACY OF HIS/HER SUBMITTAL, WHETHER OR NOT THE APPLICATION IS REVIEWED FOR CODE COMPLIANCE BY CITY ENGINEERS.

ALL SIGNAGE REQUIRES
SEPARATE PERMIT. SIGN
DRAWING INCLUDED IN
BUILDING PLANS ARE NOT
PART OF CITY APPROVAL.

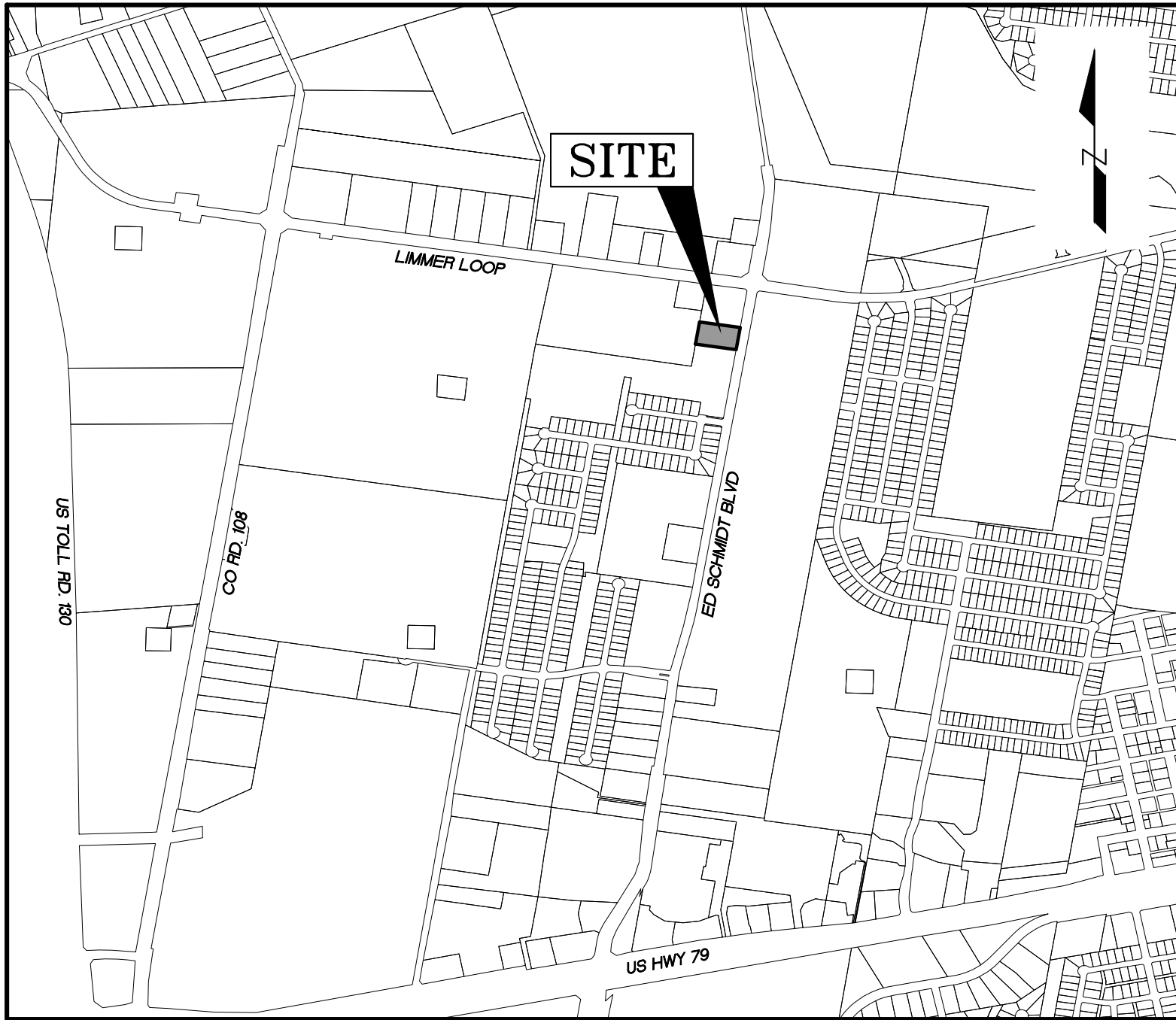


Received 3/16/2023



CAUTION!!!
CONTRACTOR SHALL LOCATE ANY/ALL EXISTING UTILITIES PRIOR TO ANY SITE WORK, (BOTH HORIZONTALLY AND VERTICALLY). THE DESIGN ENGINEER WILL NOT BE RESPONSIBLE FOR DAMAGES TO ANY EXISTING UTILITIES OR FOR ANY CONFLICTS THAT MAY ARISE DUE TO ANY UTILITIES NOT PROPERLY LOCATED.

SITE DEVELOPMENT PLANS FOR EL POLLO RICO RESTAURANT - HUTTO ED SCHMIDT BLVD. HUTTO, TEXAS 78634



LOCATION MAP
N.T.S.

SHEET INDEX

- | | |
|----|---------------------------------------|
| 01 | COVER SHEET |
| 02 | FINAL PLAT |
| 03 | FINAL PLAT |
| 04 | GENERAL NOTES |
| 05 | EXISTING CONDITIONS & DEMOLITION PLAN |
| 06 | EROSION SEDIMENTATION CONTROL PLAN |
| 07 | SITE PLAN |
| 08 | PAVING PLAN |
| 09 | GRADING PLAN |
| 10 | EXISTING DRAINAGE CONDITIONS |
| 11 | PROPOSED DRAINAGE CONDITIONS |
| 12 | DETENTION POND & CALCULATIONS |
| 13 | UTILITY PLAN |
| 14 | GENERAL DETAILS |
| 15 | GENERAL DETAILS |
| 16 | GENERAL DETAILS |
| 17 | GENERAL DETAILS |
| 18 | GENERAL DETAILS |
| 19 | LANDSCAPE PLAN |
| 20 | IRRIGATION PLAN |
| 21 | IRRIGATION DETAILS |
| 22 | PHOTOMETRIC PLAN |
| 23 | EXTERIOR ELEVATIONS |

STATE OF TEXAS
COUNTY OF WILLIAMSON

I, STEPHEN RAY JAMISON, DO HEREBY CERTIFY THAT THE PUBLIC WORKS IMPROVEMENTS DESCRIBED HEREIN HAVE BEEN DESIGNED IN COMPLIANCE WITH SUBDIVISION AND BUILDING REGULATION ORDINANCES AND STORMWATER POLICY ADOPTED BY THE CITY OF HUTTO, TEXAS.

SUBMITTED BY:

STEPHEN RAY JAMISON, P.E.
JAMISON CIVIL ENGINEERING, LLC
13812 RESEARCH BLVD. #B-2
AUSTIN, TEXAS 78750
(737) 484-0880

12/09/2022

DATE

JAMISON CIVIL ENGINEERING LLC

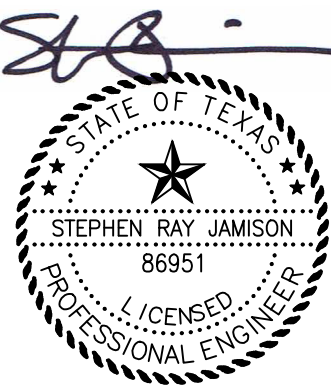
(TX. PE FIRM REG. #F-17756)
13812 RESEARCH BLVD. #B-2
AUSTIN, TEXAS 78750
OFFICE: (737) 484-0880
INFO@JAMISONENG.COM

JCE

EL POLLO RICO RESTAURANT - HUTTO

COVER SHEET
ED SCHMIDT BLVD.
HUTTO, TEXAS 78634

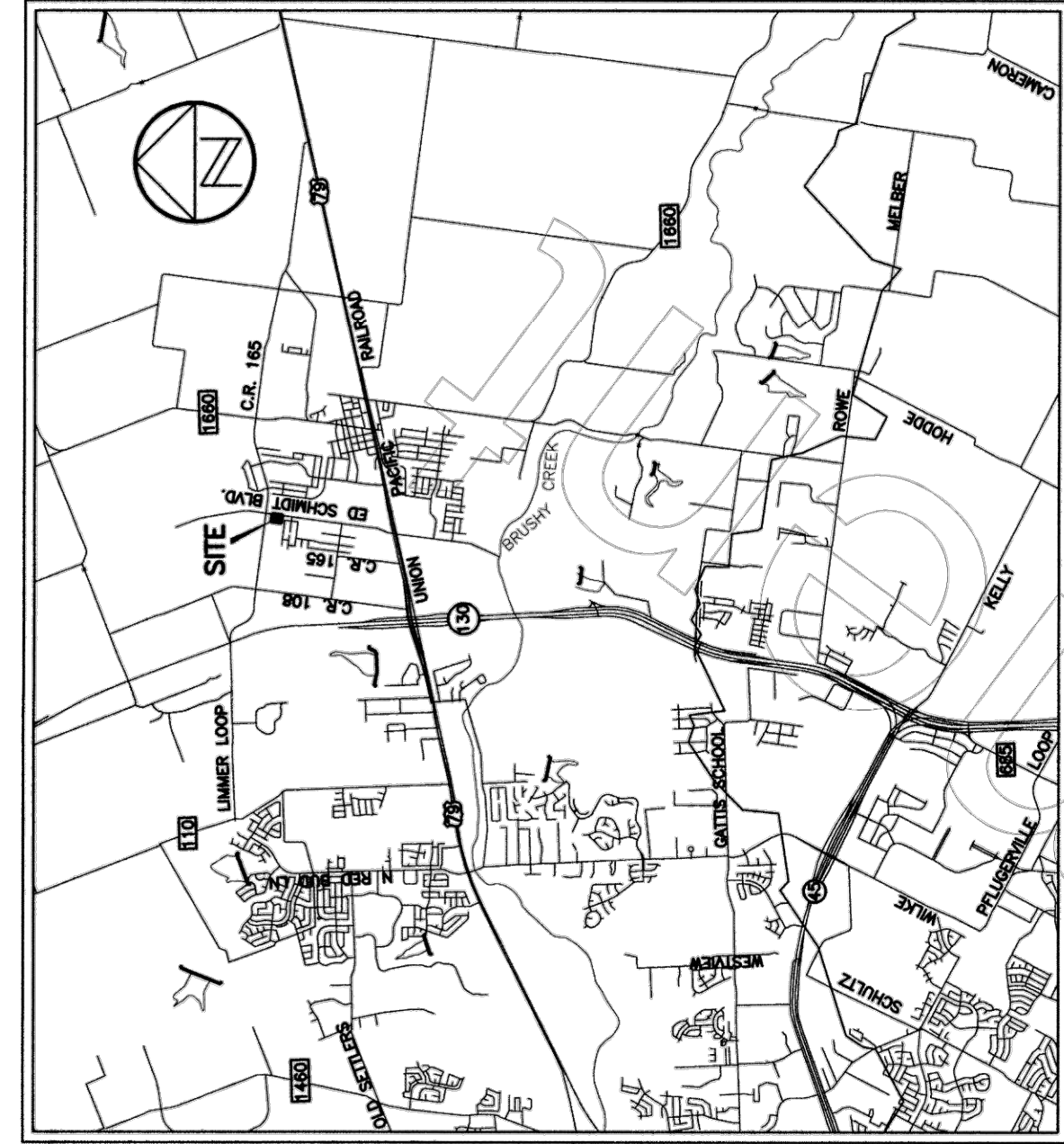
The seal appearing on
this document was
authorized by
Stephen Ray Jamison
12/09/2022



File: EL POLLO RICO.DWG	Job No.	Snapshot:	Scale (Hor.):	Scale (Vert.):	Checked By: SRJ	Drawn By: JCE

SHEET
01 of 23

ED SCHMIDT COMMERCIAL ADDITION



LIMMER LOOP
(R.O.W. WIDTH VARIES)

LOT 2, BLOCK H
CHURCH TRACT
(CC/177)

LOT 1, BLOCK A
LIMMER LOOP
COMMERCIAL SUBDIVISION
(2017083030)

5060.15 SQ. FT.
RIGHT-OF-WAY
(2017083030)

N07°33'57"E 103.22'

S82°52'35"E 313.79'
(S82°47'58"E 313.53')

NATHANIEL
EDWARDS 225
SURVEY, ABS.

LOT 1, BLOCK H
EMORY FARMS
CHURCH TRACT
(CC/177)

LOT 1
1.300 ACRES
COMMERCIAL
ZONED B-1

LOT 2
1.600 ACRES
COMMERCIAL
ZONED B-1

15' DRAINAGE
EASEMENT
(2015112403)

15' WASTEWATER
EASEMENT
(2014053984)

5' P.U.E.

3' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

5' P.U.E.

BENCHMARK INFORMATION:
TBM #1: MAG NAIL WITH WASHER SET IN THE SOUTHWEST
CORNER OF A CONCRETE UTILITY VAULT.
ELEVATION = 706.19'
VERTICAL DATUM: NAD 83 (GEOID 09)

BEARING BASIS: THE TEXAS COORDINATE
SYSTEM (NAD 83) ZONE, 14N
BASED ON GPS SOLUTIONS FROM THE
NATIONAL GEODETIC SURVEY (NGS) ON-LINE
POSITIONING USER SERVICE (OPUS).

RECORDERS MEMORANDUM
All or parts of the text on this page was not
clearly legible for satisfactory recordation

- LEGEND
- 1/2" REBAR FOUND (OR AS NOTED)
 - 1/2" REBAR WITH "CHAPARRAL" CAP FOUND
 - 1/2" REBAR WITH "DOUCET" CAP FOUND
 - 1/2" REBAR WITH "CHAPARRAL" CAP SET
 - △ CALCULATED POINT
 - ⊕ BENCHMARK LOCATION
 - J.U.A.E. JOINT USE ACCESS EASEMENT
 - () RECORD INFORMATION

OWNER: MAWE, LLC
ADDRESS: 5502 MOUNTAIN VILLA DRIVE
AUSTIN, TEXAS 78731
TOTAL ACREAGE: 2.903 ACRES
SURVEY: NATHANIEL EDWARDS SURVEY, ABS.
NO. 225
NUMBER OF BLOCKS: 1
TOTAL NUMBER OF LOTS: 2
LOT 1: 1.300 ACRES
LOT 2: 1.603 ACRES
NEW STREETS: NONE
DATE OF SURVEY: FEBRUARY, 2014
SURVEYOR: CHAPARRAL PROFESSIONAL
LAND SURVEYING, INC.
3500 MCCALL LANE
AUSTIN, TX 78744
(512)-443-1124
ENGINEER: UP ENGINEERING + SURVEYING
10000 W. MEADOWS ROAD, SUITE 102
SAN ANTONIO, TEXAS 78216
(210)-774-5504
SUBMITTAL DATE: 08/04/2021

Chaparral

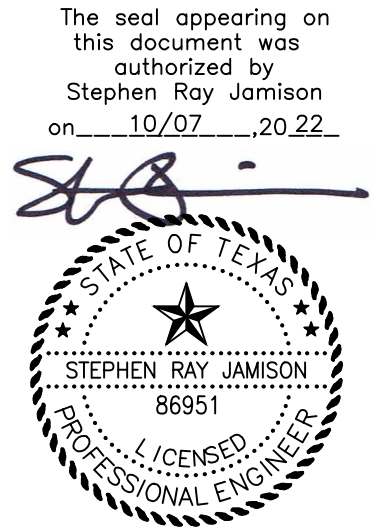
Professional Land Surveying, Inc.
Surveying and Mapping

3500 McCall Lane
Austin, Texas 78744
512-443-1124
Firm No. 10124500

PROJECT NO.:
1011-001
DRAWING NO.:
1011-001-PL1
PLOT DATE:
11/16/21
PLOT SCALE:
1"=50'
DRAWN BY:
JDB
SHEET
01 OF 02

CAUTION!!!
CONTRACTOR SHALL LOCATE ANY/ALL EXISTING
UTILITIES PRIOR TO ANY SITE WORK,
(BOTH HORIZONTALLY AND VERTICALLY).
THE DESIGN ENGINEER WILL NOT BE RESPONSIBLE
FOR DAMAGES TO ANY EXISTING UTILITIES
OR FOR ANY CONFLICTS THAT MAY ARISE DUE TO
ANY UTILITIES NOT PROPERLY LOCATED.

File: EL POLLO RICO DWG\PLANS\PLAT.DWG	Job No.	Snapshot:
Scale (Hor.):	Scale (Vert.):	Scale (Vert.):
Date: 10/10/22	Checked By: SRJ	Drawn By:
Revision 1:		
Revision 2:		
Revision 3:		
Revision 4:		



EL POLLO RICO RESTAURANT - HUTTO
FINAL PLAT
ED SCHMIDT BLVD.
HUTTO, TEXAS 78634

JAMISON CIVIL ENGINEERING LLC
(TX. PE FIRM REG. #F-17756)
13812 RESEARCH BLVD. #B-2
AUSTIN, TEXAS 78750
OFFICE: (737) 484-0880
INFO@JAMISONENG.COM

JCE

CITY OF HUTTO
GENERAL CONSTRUCTION NOTES
(UPDATED MARCH 2019)

1. THE CONTRACTOR IS TO CONTACT ONE OF THE FOLLOWING:
TEXAS811 811
LONE STAR 1-800-669-8344
FOR LOCATION OF EXISTING FACILITIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.
2. PRIOR TO ANY CONSTRUCTION, THE DESIGN ENGINEER SHALL CONVENE A PRECONSTRUCTION CONFERENCE BETWEEN THE CITY OF HUTTO HIMSELF, THE CONTRACTOR, OTHER UTILITY COMPANIES, ANY AFFECTED PARTIES AND ANY OTHER ENTITY THE CITY OR ENGINEER MAY REQUIRE. IF CONSTRUCTION IS NOT STARTED ON THE SITE WITHIN 30 CALENDAR DAYS AFTER THE PRE-CONSTRUCTION CONFERENCE, THE ENGINEER SHALL CONVENE A NEW PRECONSTRUCTION CONFERENCE BETWEEN THE CITY OF HUTTO, HIMSELF, AND ALL THE ABOVE MENTIONED ENTITIES.
3. PRIOR TO ANY CHANGES TO THE CONSTRUCTION SITE, VIDEO OF THE SITE MUST BE TAKEN AND PROVIDED TO THE CITY BEFORE CONSTRUCTION COMMENCES.
4. ALL CONSTRUCTION OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF HUTTO ENGINEERING MANUAL AND STANDARD CONSTRUCTION SPECIFICATIONS AND DETAILS. IF CITY OF HUTTO ENGINEERING MANUAL UNAVAILABLE, OR NOT APPLICABLE, REFER TO TxDOT AND/OR CITY OF GEORGETOWN MANUAL, STANDARDS AND/OR SPECIFICATIONS.
5. ALL STORM SEWER BENDS AND WYES SHALL BE PREFABRICATED.
6. ALL STORM SEWER MAINS TO BE FIELD-TESTED FOR WATER TIGHTNESS NO SOONER THAN 30 DAYS AFTER TOTAL COMPLETION OF THE STORM SEWER LINES.
7. ALL STORM SEWER MAINS TO BE VIDEO TAPED BY CAMERA NO SOONER THAN 30 DAYS AFTER TOTAL COMPLETION OF THE STORM SEWER LINES. TWO DIGITAL COPIES SHALL BE SUPPLIED TO THE CITY BEFORE CLOSEOUT. ALL STORM SEWER CONDUITS WILL BE INSPECTED BY THE CITY BEFORE CITY ACCEPTANCE. VIDEO MUST SHOW DETAILS OF ALL IRREGULARITIES OR OFFSETS (MINIMUM 10 SECONDS OF VIDEO TIME).
8. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, OSHA. NATIONAL STANDARDS MAY BE PURCHASED FROM THE GOVERNMENT PRINTING OFFICE; INFORMATION AND RELATED REFERENCE MATERIALS MAY BE PURCHASED FROM OSHA, 611 E. 6TH STREET, AUSTIN, TEXAS.
9. CONTRACTOR SHALL TAKE ALL DUE PRECAUTIONS TO PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE INCURRED TO EXISTING FACILITIES AS A RESULT OF CONSTRUCTION OPERATIONS TO BE REPAIRED IMMEDIATELY BY THE CONTRACTOR, AT NO ADDITIONAL COST TO OWNER.
10. CONTRACTOR TO GIVE NOTICE TO ALL AUTHORIZED INSPECTORS, SUPERINTENDENTS OR PERSONS IN CHARGE OF PUBLIC OR PRIVATE UTILITIES AFFECTED BY HIS OPERATIONS AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
11. CONTRACTOR TO COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS REGARDING EXCESS AND WASTE MATERIAL, INCLUDING METHODS OF HANDLING AND DISPOSAL.
12. CONTRACTOR TO COORDINATE INTERRUPTIONS OF ALL UTILITIES AND SERVICES. ALL WORK TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY COMPANY OR AGENCY INVOLVED.
13. WHEN UN-LOCATED OR INCORRECTLY LOCATED, A BREAK IN UTILITY LINES, OR OTHER UTILITIES AND SERVICES ARE ENCOUNTERED DURING SITE WORK OPERATIONS, CONTRACTOR SHALL NOTIFY THE APPLICABLE UTILITY COMPANY IMMEDIATELY TO OBTAIN PROCEEDURE DIRECTIONS. CONTRACTOR SHALL COOPERATE WITH THE APPLICABLE UTILITY COMPANY IN MAINTAINING ACTIVE SERVICES IN OPERATION.
14. CONTRACTOR TO LOCATE, PROTECT, AND MAINTAIN BENCHMARKS, MONUMENTS, CONTROL POINTS AND PROJECT ENGINEERING REFERENCE POINTS. RE-ESTABLISH DISTURBED OR DESTROYED ITEMS BY REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF TEXAS, AT NO ADDITIONAL COST TO OWNER.
15. WHEN CONSTRUCTION IS BEING CARRIED OUT WITHIN EASEMENTS, THE CONTRACTOR SHALL CONFINE HIS WORK TO WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL TRASH AND DEBRIS WITHIN THE PERMANENT AND TEMPORARY EASEMENTS. CLEAN-UP SHALL BE TO THE SATISFACTION OF THE ENGINEER.
16. THE CONTRACTOR AND THE ENGINEER SHALL KEEP ACCURATE RECORDS OF ALL CONSTRUCTION THAT DEVIATES FROM THE PLANS. ACCURATE "RECORD" DRAWINGS WILL BE PROVIDED TO THE CITY OF HUTTO, ALONG WITH A LETTER CERTIFICATION FROM A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS STATING THAT SAID PROJECT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THESE PLANS, PRIOR TO THE OWNER BEING ISSUED A CERTIFICATION OF COMPLETION AND FINAL ACCEPTANCE. THESE "RECORD" DRAWINGS SHALL MEET WITH THE SATISFACTION OF THE ENGINEERING AND DEVELOPMENT SERVICES DEPARTMENTS PRIOR TO FINAL ACCEPTANCE.
17. CONTRACTOR SHALL STRIP SIX (6) INCHES OF TOPSOIL FROM ALL AREAS SUBJECT TO GRADE MODIFICATION. REMOVE ALL AREAS OF WEAK SOIL.
18. THE CONTRACTOR SHALL PROTECT ALL EXISTING FENCES. IN THE EVENT THAT A FENCE MUST BE REMOVED, THE CONTRACTOR SHALL REPLACE SAID FENCE OR PORTION THEREOF WITH THE SAME TYPE OF FENCING TO A QUALITY OF EQUAL OR BETTER THAN THE ORIGINAL FENCE.
19. UPON COMPLETION OF THE PROJECT, THE SITE(S) AS DEFINED HEREIN SHALL BE CLEANED OF ALL DEBRIS AND LEFT IN A NEAT AND PRESENTABLE CONDITION.
20. ALL ADJOINING PAVEMENT SECTIONS SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION AND ANY DAMAGES INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED AND/OR REPLACED AT THE CONTRACTOR'S EXPENSE.
21. CONTRACTOR TO CONTROL DUST CAUSED BY THE WORK AND COMPLY WITH POLLUTION CONTROL REGULATIONS OF GOVERNING AUTHORITIES (NO SEPARATE PAY).
22. TRAFFIC CONTROLS TO BE INSTALLED IN ACCORDANCE WITH THE CURRENT TxDOT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND TxDOT BARRICADE AND CONSTRUCTION STANDARDS.
23. REVEGETATE ALL DISTURBED AREAS UPON COMPLETION OF THE WORK PER CITY OF GEORGETOWN CONSTRUCTION STANDARDS.
24. CONTRACTOR TO EXERCISE CAUTION DURING CONSTRUCTION NEAR AND AROUND GAS LINES AND POWER LINES.
25. NO WORK IS TO BE PERFORMED BETWEEN THE HOURS OF 6:00 P.M. AND 7:00 A.M. ALL WORK REQUIRING CITY INSPECTION SHALL BE PERFORMED MONDAY THRU FRIDAY. THE CITY RESERVES THE RIGHT TO REQUIRE THE CONTRACTOR TO UNCOVER ALL WORK PERFORMED WITHOUT INSPECTION.
26. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION VERTICALLY AND HORIZONTALLY OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK, AND SHALL NOTIFY THE ENGINEER AND THE CITY IF THE EXISTING UTILITY LOCATION AND DEPTHS ARE DIFFERENT FROM WHAT IS SHOWN ON THE PLANS. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE ASSOCIATED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
27. ALL FIRE LINES SHALL BE DUCTILE IRON.
28. DETECTABLE TAPE SHALL BE USED FOR ALL UNDERGROUND UTILITIES. TAPE MUST BE 12" WIDE X 5 MIL WITH APPLICABLE COLOR AND LABEL.
29. CONTRACTOR WILL BE RESPONSIBLE FOR KEEPING ROADS AND DRIVES ADJACENT TO AND NEAR THE SITE FREE FROM SOIL, SEDIMENT AND DEBRIS. CONTRACTOR WILL NOT REMOVE SOIL, SEDIMENT OR DEBRIS FROM ANY AREA OR VEHICLE BY MEANS OF WATER, ONLY SHOVELING AND SWEEPING WILL BE ALLOWED. CONTRACTOR WILL BE RESPONSIBLE FOR DUST CONTROL FROM THE SITE.
30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO PRIVATE PROPERTY WHICH OCCURS AS A RESULT OF ANY PORTION OF THIS PROJECT. ANY DAMAGE TO PRIVATE PROPERTY SHALL BE REPAIRED TO EQUAL OR BETTER CONDITION. THE CONTRACTOR SHALL PAY AND/OR SETTLE WITH PRIVATE PROPERTY OWNER(S) FOR ALL COST RELATED TO DAMAGE. THE CITY WILL NOT PROVIDE SEPARATE PAY FOR REPAIR OF DAMAGES, REIMBURSEMENTS OR SETTLEMENTS.

CITY OF HUTTO
WATER NOTES
(UPDATED MARCH 2019)

1. WATER SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF HUTTO ENGINEERING MANUAL, STANDARD SPECIFICATIONS AND STANDARD DETAILS.
2. FIRE HYDRANTS ON MAINS UNDER CONSTRUCTION SHALL BE SECURELY WRAPPED WITH A POLY WRAP BAG AND TAPED INTO PLACE. THE POLY WRAP SHALL BE REMOVED WHEN THE MAINS ARE ACCEPTED AND BROUGHT INTO SERVICE. ALL FIRE LINES SHALL BE DUCTILE IRON.
3. ALL WATER SERVICE, WASTEWATER SERVICE, AND VALVE LOCATIONS SHALL BE APPROPRIATELY MARKED AS FOLLOWS:
A. WATER SERVICE "W" ON TOP OF CURB
B. VALVE "V" ON TOP OF CURB OR VALVE SIGN AS INSTRUCTED BY CITY ENGINEER
4. TOOLS FOR MARKING CURBS SHALL BE PROVIDED BY THE CONTRACTOR. OTHER APPROPRIATE MEANS OF MARKING SERVICE AND VALVE LOCATIONS SHALL BE PROVIDED IN AREAS WITHOUT CURBS. SUCH MEANS OF MARKING SHALL BE SPECIFIED BY THE ENGINEER AND APPROVED BY THE CITY OF HUTTO.
5. THRUST BLOCKING AND RESTRAINTS SHALL BE IN ACCORDANCE WITH CITY OF HUTTO STANDARD SPECIFICATIONS.
6. HYDROSTATIC PRESSURE AND LEAKAGE TESTS SHALL BE PERFORMED ON ALL PRESSURE PIPELINES CARRYING WATER. INSTITUTE MUST BE CERTIFIED BY AN ORGANIZATION ACCREDITED BY ANSI.
7. PIPE MATERIAL FOR WATER MAINS SHALL BE PVC (AWWA C900/C905, MIN. DR 14), OR DUCTILE IRON (AWWA C151, MIN. CLASS 350). WATER SERVICES (2" OR SMALLER) SHALL BE POLYETHYLENE TUBING (BLACK, 200 PSI, DR 9).
9. ALL DUCTILE IRON PIPE (D.I.P.) SHALL BE WRAPPED WITH EIGHT (8) MIL, BLACK VIRGIN POLYETHYLENE WRAP AS SPECIFIED IN ANSI/AWWA C105/A21.5.
10. ALL D.I.P. SHALL BE LINED WITH VIRGIN POLYETHYLENE CONFORMING TO ASTM D-1248; 40 MIL THICKNESS (NOMINAL), 35 MILS (MINIMUM). LINER TO BE POLYBOND OR EQUAL. AT ANY POINT WHERE D.I.P. CANNOT BE WRAPPED IN POLYETHYLENE, COAT THE EXTERIOR WITH POLYBOND OR APPROVED EQUAL.
11. ALL PVC PIPE (ALL TYPES AND SDR/OR WALL THICKNESS TO BE USED) SHALL HAVE RUBBER GASKET EQUIPPED BELL AND SPIGOT JOINTS CONFORMING TO ASTM D-3212. THE GASKET MATERIAL SHALL CONFORM TO ASTM F-477. SOLVENT WELDED JOINTS WILL NOT BE APPROVED FOR THIS PROJECT.
12. ALL POTABLE WATERLINES AND SANITARY SEWER FACILITIES MUST BE INSTALLED SO AS TO PROVIDE A MINIMUM OF NINE FEET OF CLEARANCE IN ANY DIRECTION BETWEEN THEM. WHERE THE NINE FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, FOLLOW THESE SPECIAL PROCEDURES.
A. IF A COLLECTION SYSTEM PIPE PARALLELS A PUBLIC WATER SUPPLY PIPE THE FOLLOWING REQUIREMENTS APPLY:
I. A COLLECTION SYSTEM PIPE MUST BE CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC MEETING ASTM SPECIFICATIONS WITH AT LEAST 150 POUNDS PER SQUARE INCH (PSI) PRESSURE RATING FOR BOTH THE PIPE AND JOINTS.
II. VERTICAL SEPARATION MUST BE AT LEAST TWO FEET BETWEEN THE OUTSIDE DIAMETERS OF THE PIPES.
III. HORIZONTAL SEPARATION MUST BE AT LEAST FOUR FEET BETWEEN OUTSIDE DIAMETERS OF THE PIPES.
IV. COLLECTION SYSTEM PIPE MUST BE BELOW WATER SUPPLY PIPE.
B. IF A COLLECTION SYSTEM PIPE CROSSES A PUBLIC WATER SUPPLY PIPE, THE FOLLOWING REQUIREMENTS APPLY:
I. IF A COLLECTION SYSTEM IS CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC WITH A MINIMUM PRESSURE RATING OF 150 PSI, THE FOLLOWING REQUIREMENTS APPLY:
A. A MINIMUM DISTANCE OF SIX (6) INCHES BETWEEN OUTSIDE DIAMETERS OF THE PIPES.
B. A COLLECTION SYSTEM PIPE MUST BE BELOW A PUBLIC WATER SUPPLY PIPE.
C. COLLECTION SYSTEM PIPE JOINTS MUST BE LOCATED AS FAR AS POSSIBLE FROM AN INTERSECTION WITH A PUBLIC WATER SUPPLY LINE.
II. IF A COLLECTION SYSTEM CROSSES OVER A PUBLIC WATER SUPPLY PIPE, EACH PORTION OF A COLLECTION SYSTEM PIPE WITHIN NINE FEET OF A PUBLIC WATER SUPPLY PIPE MUST BE CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC PIPE WITH A PRESSURE RATING OF AT LEAST 150 PSI USING APPROPRIATE ADAPTERS.
13. THE CONTRACTOR MUST OBTAIN A TEMPORARY WATER METER FROM THE CITY OF HUTTO UTILITY BILLING DEPARTMENT FOR ALL WATER USED DURING CONSTRUCTION.
14. CONTRACTOR TO SCHEDULE WATER VALVE CLOSURE THROUGH CITY OF HUTTO; DEPARTMENT OF PUBLIC WORKS UTILITY DIVISION WITH ADVANCE NOTICE OF 7 DAYS. CONTRACTOR TO CONTACT PUBLIC WORKS AT PHONE #512-759-4016 AND NOTIFY CONSTRUCTION INSPECTOR. WATER VALVE CLOSURE WILL ONLY BE SCHEDULED FOR TUESDAY THROUGH THURSDAY. CONTRACTOR TO NOTIFY ALL BUSINESSES AND RESIDENTS AFFECTED BY VALVE CLOSURES. CLOSURES MUST BE COORDINATED TO MINIMIZE EFFECTS ON EXISTING CUSTOMERS WITH CONSIDERATIONS GIVEN TO BUSINESSES THAT REQUIRE WATER TO MAINTAIN OPERATIONS.
15. LINE FLUSHING OR ANY ACTIVITY USING A LARGE QUANTITY OF WATER MUST BE SCHEDULED WITH THE CITY OF HUTTO. CONTRACTOR WILL BE RESPONSIBLE FOR TRACKING THE AMOUNT OF WATER USED DURING FLUSHING AND BE REQUIRED TO REIMBURSE THE CITY FOR WATER USE, IF NOT ALREADY METERED.
16. THE CONTRACTOR, AT HIS EXPENSE, SHALL PERFORM STERILIZATION OF ALL POTABLE WATER LINES AND SHALL PROVIDE ALL EQUIPMENT NECESSARY (INCLUDING TEST GAGES), SUPPLIES (INCLUDING CONCENTRATED CHLORINE DISINFECTION MATERIAL) AND NECESSARY LABOR REQUIRED FOR THE STERILIZATION PROCEDURE. THE STERILIZATION PROCEDURE SHALL BE MONITORED BY THE ENGINEER AND A CITY OF HUTTO CONSTRUCTION INSPECTOR. WATER SAMPLES WILL BE COLLECTED TO VERIFY EACH TREATED LINE HAS ATTAINED AN INITIAL CHLORINE CONCENTRATION OF 50 PPM.
17. AN INDEPENDENT QUALIFIED LAB, AT THE CONTRACTOR'S EXPENSE, SHALL PERFORM QUALITY TESTING FOR ALL WASTEWATER PIPE INSTALLED AND PRESSURE HYDROSTATIC TESTING OF ALL WATER LINES CONSTRUCTED. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT (INCLUDING PUMPS AND GAGES), SUPPLIES, AND LABOR NECESSARY TO PERFORM THE TESTS. A CITY OF HUTTO CONSTRUCTION INSPECTOR MUST BE PRESENT FOR ALL TESTING.
18. THE CONTRACTOR SHALL PROVIDE THE ENGINEER AND THE CITY NOT LESS THAN 24 HOURS NOTICE PRIOR TO PERFORMING STERILIZATION, QUALITY TESTING, OR PRESSURE TESTING.
19. THE CONTRACTOR SHALL NOT OPEN OR CLOSE ANY VALVES UNLESS AUTHORIZED BY THE CITY OF HUTTO.
20. ALL VALVE BOXES AND COVERS SHALL BE CAST IRON PER CITY OF HUTTO STANDARD DETAILS.
21. ALL MANHOLES SHALL BE CONCRETE WITH CAST IRON RING AND COVER. ALL MANHOLES LOCATED OUTSIDE OF PAVEMENT SHALL HAVE BOLTED AND GASKETED COVERS. CONCRETE MANHOLES TO BE COATED PER STANDARD DETAIL AND CONSTRUCTION SPECIFICATIONS. TAPPING OF FIBERGLASS MANHOLES SHALL NOT BE PERMITTED.
22. ALL FIRE LINES SHALL BE DUCTILE IRON PIPE (AWWA C-100, CLASS 200).
23. ALL FIRE HYDRANTS SHALL BE SILVER IN COLOR INCLUDING BONNET AND INSTALLED PER CITY OF HUTTO STANDARD DETAIL.
24. ALL WATER PIPING AND FITTINGS SHALL BE VIRGIN STOCK.
25. ALL MECHANICAL RESTRAINTS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
26. ALONG STATE HIGHWAYS, WATER LINES ARE REQUIRED ON BOTH SIDES OF THE ROADWAY. NEW WATER LINES CROSSING EXISTING STREETS SHALL BE PLACED BY BORING A STEEL CASING SHALL BE REQUIRED UNDER MAJOR AND MINOR COLLECTION ROADWAYS, ARTERIAL ROADWAYS AND STATE HIGHWAY. OPEN CUT EXCAVATION WILL NOT BE ALLOWED TO CROSS EXISTING STREETS, UNLESS APPROVED BY THE CITY ENGINEER.
27. ALL NEW WATER PIPES MUST HAVE DETECTABLE TAPE PER CITY OF HUTTO STANDARD DETAIL.
28. ALL AUTOMATIC FLUSH VALVES MUST USE A METER TO MEASURE WATER LOSS.
29. TRACER WIRE WILL BE TESTED AND MUST WORK CORRECTLY BEFORE CITY ACCEPTANCE OF INFRASTRUCTURE. TRACER WIRER MUST BE ENCASED IN PIPE.
30. ALL REDUCED SIZE TAPS SHALL BE MADE USING AN EPOXY COATED FABRICATED STEEL TAPPING SLEEVE WITH STAINLESS STEEL BOLTS, OR A STAINLESS STEEL FULL CIRCLE TAPPING SLEEVE WITH DUCTILE IRON FLANGE.

CITY OF HUTTO
WASTEWATER NOTES
(UPDATED AUGUST 2018)

1. WASTEWATER SYSTEMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF HUTTO ENGINEERING DESIGN MANUAL, STANDARD SPECIFICATIONS AND STANDARD DETAILS.
2. NO CURVILINEAR WASTEWATER DESIGN/LAYOUT IS PERMITTED.
3. ALL WASTEWATER SERVICE, AND VALVE LOCATIONS SHALL BE APPROPRIATELY MARKED AS FOLLOWS:
A. WASTEWATER SERVICE "S" ON TOP OF CURB
B. VALVE "V" ON TOP OF CURB
4. TOOLS FOR MARKING CURBS SHALL BE PROVIDED BY THE CONTRACTOR. OTHER APPROPRIATE MEANS OF MARKING SERVICE AND VALVE LOCATIONS SHALL BE PROVIDED IN AREAS WITHOUT CURBS. SUCH MEANS OF MARKING SHALL BE SPECIFIED BY THE DESIGN ENGINEER AND APPROVED BY THE CITY OF HUTTO.
5. THRUST BLOCKING AND RESTRAINTS SHALL BE IN ACCORDANCE WITH CITY OF HUTTO STANDARD SPECIFICATIONS.
6. MANDREL TESTING WILL BE REQUIRED ON ALL WASTEWATER PIPE AS PER CITY OF HUTTO CONSTRUCTION SPECIFICATIONS.
7. ALL GRAVITY WASTEWATER MAINS TO BE FIELD-TESTED FOR WATER TIGHTNESS AND VIDEO TAPED BY CAMERA NO SOONER THAN 30-DAYS AFTER TOTAL COMPLETION OF WASTEWATER LINES. TWO DIGITAL COPIES SHALL BE PROVIDED TO THE CITY BEFORE CLOSEOUT.
8. HYDROSTATIC PRESSURE AND LEAKAGE TESTS SHALL BE PERFORMED ON ALL PRESSURE PIPELINES CARRYING WASTEWATER.
9. ALL MANHOLES SHALL BE TESTED FOR LEAKAGE SEPARATELY AND INDEPENDENTLY OF WASTEWATER LINES BY HYDROSTATIC EXFILTRATION TESTING OR OTHER CITY APPROVED METHOD PER CITY OF HUTTO CONSTRUCTION SPECIFICATIONS.
10. EXISTING MANHOLES SHALL BE TESTED FOR LEAKAGE PRIOR TO CORING OR ADJUSTMENT.
11. EXISTING MANHOLES SHALL HAVE ALL CONCRETE SURFACES CLEANED AND COATED PER CITY OF HUTTO WASTEWATER DETAILS AFTER CORING OR ADJUSTMENT.
12. ALL NEWLY INSTALLED PIPES AND RELATED PRODUCTS MUST CONFORM TO AMERICAN NATIONAL STANDARDS INSTITUTE / NATIONAL SANITATION FOUNDATION STANDARD 61 AND MUST BE CERTIFIED BY AN ORGANIZATION ACCREDITED BY ANSI.
13. PIPE MATERIAL FOR PRESSURE WASTEWATER MAINS SHALL BE PVC (AWWA C900, MIN. DR 14), OR DUCTILE IRON (AWWA C151, MIN. CLASS 350). DUCTILE IRON FOR PRESSURE WASTEWATER MAINS SHALL HAVE A CORROSION RESISTANT INTERIOR LINING ACCEPTABLE TO OWNER. PIPE MATERIAL FOR GRAVITY WASTEWATER MAINS SHALL BE PVC SDR-26, ASTM D-3034.
14. ALL PVC PIPE (ALL TYPES AND SDR/OR WALL THICKNESS TO BE USED) SHALL HAVE RUBBER GASKET EQUIPPED BELL AND SPIGOT JOINTS CONFORMING TO ASTM D-3212. THE GASKET MATERIAL SHALL CONFORM TO ASTM F-477. SOLVENT WELDED JOINTS WILL NOT BE APPROVED FOR THIS PROJECT.
15. ALL SANITARY SEWER FACILITIES AND POTABLE WATERLINES MUST BE INSTALLED SO AS TO PROVIDE A MINIMUM OF NINE FEET OF CLEARANCE IN ANY DIRECTION BETWEEN THEM. WHERE THE NINE FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, FOLLOW THESE SPECIAL PROCEDURES.
A. IF A COLLECTION SYSTEM PIPE PARALLELS A PUBLIC WATER SUPPLY PIPE THE FOLLOWING REQUIREMENTS APPLY:
I. A COLLECTION SYSTEM PIPE MUST BE CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC MEETING ASTM SPECIFICATIONS WITH AT LEAST 150 POUNDS PER SQUARE INCH (PSI) PRESSURE RATING FOR BOTH THE PIPE AND JOINTS.
II. VERTICAL SEPARATION MUST BE AT LEAST TWO FEET BETWEEN THE OUTSIDE DIAMETERS OF THE PIPES.
III. HORIZONTAL SEPARATION MUST BE AT LEAST FOUR FEET BETWEEN OUTSIDE DIAMETERS OF THE PIPES.
IV. COLLECTION SYSTEM PIPE MUST BE BELOW WATER SUPPLY PIPE.
B. IF A COLLECTION SYSTEM PIPE CROSSES A PUBLIC WATER SUPPLY PIPE, THE FOLLOWING REQUIREMENTS APPLY:
I. IF A COLLECTION SYSTEM IS CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC WITH A MINIMUM PRESSURE RATING OF 150 PSI, THE FOLLOWING REQUIREMENTS APPLY:
A. A MINIMUM DISTANCE OF SIX (6) INCHES BETWEEN OUTSIDE DIAMETERS OF THE PIPES.
B. A COLLECTION SYSTEM PIPE MUST BE BELOW A PUBLIC WATER SUPPLY PIPE.
C. COLLECTION SYSTEM PIPE JOINTS MUST BE LOCATED AS FAR AS POSSIBLE FROM AN INTERSECTION WITH A PUBLIC WATER SUPPLY LINE.
II. IF A COLLECTION SYSTEM CROSSES OVER A PUBLIC WATER SUPPLY PIPE, EACH PORTION OF A COLLECTION SYSTEM PIPE WITHIN NINE FEET OF A PUBLIC WATER SUPPLY PIPE MUST BE CONSTRUCTED OF CAST IRON, DUCTILE IRON, OR PVC PIPE WITH A PRESSURE RATING OF AT LEAST 150 PSI USING APPROPRIATE ADAPTERS.
16. AN INDEPENDENT QUALIFIED LAB, AT THE CONTRACTOR'S EXPENSE, SHALL PERFORM QUALITY TESTING FOR ALL WASTEWATER PIPE INSTALLED AND PRESSURE HYDROSTATIC TESTING OF ALL WATER LINES CONSTRUCTED. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT (INCLUDING PUMPS AND GAGES), SUPPLIES, AND LABOR NECESSARY TO PERFORM THE TESTS. A CITY OF HUTTO CONSTRUCTION INSPECTOR MUST BE PRESENT FOR ALL TESTING.
17. THE CONTRACTOR SHALL PROVIDE THE DESIGN ENGINEER AND THE CITY NOT LESS THAN 24 HOURS NOTICE PRIOR TO PERFORMING STERILIZATION, QUALITY TESTING, OR PRESSURE TESTING.
18. THE CONTRACTOR SHALL NOT OPEN OR CLOSE ANY VALVES UNLESS AUTHORIZED BY THE CITY OF HUTTO.
19. ALL VALVE BOXES AND COVERS SHALL BE CAST IRON PER CITY OF HUTTO STANDARD DETAILS.
20. ALL MANHOLES SHALL BE CONCRETE WITH CAST IRON RING AND COVER. ALL MANHOLES LOCATED OUTSIDE OF PAVEMENT SHALL HAVE BOLTED AND GASKETED COVERS. CONCRETE MANHOLES TO BE COATED PER STANDARD DETAIL AND CONSTRUCTION SPECIFICATIONS. TAPPING OF FIBERGLASS MANHOLES SHALL NOT BE PERMITTED.
21. ALL WASTEWATER PIPING AND FITTINGS SHALL BE VIRGIN STOCK.
22. ALL MECHANICAL RESTRAINTS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

CITY OF HUTTO
EROSION, SEDIMENTATION AND TREE PROTECTION NOTES
(UPDATED AUGUST 2018)

1. THE CONTRACTOR TO INSTALL AND MAINTAIN EROSION/SEDIMENTATION CONTROLS AND TREE/NATURAL AREA PROTECTIVE FENCING PRIOR TO ANY SITE PREPARATION WORK (CLEARING, GRUBBING, GRADING, OR EXCAVATION). CONTRACTOR TO REMOVE EROSION/SEDIMENTATION CONTROLS AT THE COMPLETION OF THE PROJECT AND GRASS RESTORATION.
2. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS TO BE IN ACCORDANCE WITH THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN AND WATER POLLUTION ABATEMENT PLAN. DEVIATIONS FROM THE APPROVED PLAN MUST BE SUBMITTED TO AND APPROVED BY THE OWNER'S REPRESENTATIVE.
3. ALL PLANTING SHALL BE DONE BETWEEN MAY 1ST AND SEPTEMBER 15TH EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING. IF PLANTING IS AUTHORIZED TO BE DONE OUTSIDE THE DATE SPECIFIED, THE SEED SHALL BE PLANTED WITH THE ADDITION OF WINTER FESCUE (KENTUCKY 31) AT A RATE OF 100 LBS./ACRE. GRASS SHALL BE COMMON BERMUDA GRASS, HULLED, MINIMUM 82% PURE LIVE SEED. ALL GRASS SEED SHALL BE FREE FROM NOXIOUS WEED, GRADE "A" RECENT CROP, CLEANED AND TREATED WITH APPROPRIATE FUNGICIDE AT TIME OF MIXING. SEED SHALL BE FURNISHED IN SEALED, STANDARD CONTAINERS WITH DEALER'S GUARANTEED ANALYSIS.
4. ALL DISTURBED AREAS TO BE RESTORED AS NOTED IN THE WATER POLLUTION ABATEMENT PLAN.
5. THE PLANTED AREA TO BE IRRIGATED OR SPRINKLED IN A MANNER THAT WILL NOT ERODE THE TOPSOIL, BUT WILL SUFFICIENTLY SOAK THE SOIL TO A DEPTH OF FOUR INCHES (4"). THE IRRIGATION TO OCCUR AT 10-DAY INTERVALS DURING THE FIRST TWO MONTHS TO INSURE GERMINATION AND ESTABLISHMENT OF THE GRASS. RAINFALL OCCURRENCES OF ONE HALF AND GROWTH (1/2") OR GREATER TO POSTPONE THE WATER SCHEDULE ONE WEEK.
6. RESTORATION TO BE ACCEPTABLE WHEN THE GRASS HAS GROWN AT LEAST ONE AND ONE HALF INCHES (1.5") HIGH WITH 95% COVERAGE, PROVIDED NO BARE SPOTS LARGER THAN TWENTY-FIVE SQUARE FEET EXIST.
7. A MINIMUM OF FOUR INCHES (4") OF TOPSOIL TO BE PLACE IN ALL AREA DISTURBED BY CONSTRUCTION.
8. THE CONTRACTOR TO HYDRO MULCH OR SOD (AS SHOWN ON PLANS) ALL EXPOSED CUTS AND FILLS UPON COMPLETION OF CONSTRUCTION.
9. EROSION AND SEDIMENTATION CONTROLS TO BE INSTALLED OR MAINTAINED IN A MANNER WHICH DOES NOT RESULT IN SOIL BUILDUP WITHIN TREE DRIP LINE.
10. TO AVOID SOIL COMPACTION, CONTRACTOR SHALL NOT ALLOW VEHICULAR TRAFFIC, PARKING, OR STORAGE OF EQUIPMENT OR MATERIALS IN THE TREE DRIP LINE AREA.
11. WHERE A FENCE IS CLOSER THAN FOUR FEET (4') TO A TREE TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO A HEIGHT OF EIGHT FEET (8'), OR THE LIMITS OF LOWER BRANCHING, IN ADDITION TO THE FENCING.
12. TREES TO BE REMOVED IN A MANNER WHICH DOES NOT IMPACT TREES TO BE PRESERVED.
13. ANY ROOT EXPOSED BY THE CONSTRUCTION ACTIVITY TO BE PRUNED FLUSH WITH THE SOIL. BACKFILL ROOT AREA WITH GOOD QUALITY TOPSOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACKFILLED WITHIN TWO DAYS, COVER THEM WITH ORGANIC MATTER IN A MANNER WHICH REDUCES SOIL TEMPERATURE AND MINIMIZES WATER LOSS DUE TO EVAPORATION.
14. CONTRACTOR TO PRUNE VEGETATION TO PROVIDE CLEARANCE FOR STRUCTURE, VEHICULAR TRAFFIC, AND EQUIPMENT BEFORE DAMAGE OCCURS (RIPPING OF BRANCHES, ETC.). ALL FINISHED PRUNING TO BE DONE ACCORDING TO RECOGNIZED, APPROVED STANDARDS OF THE INDUSTRY (REFERENCE THE "NATIONAL ARBORIST ASSOCIATION PRUNING STANDARDS FOR SHADE TREES").
15. THE CONTRACTOR IS TO INSPECT THE CONTROLS AT WEEKLY INTERVALS AND AFTER EVERY RAINFALL EXCEEDING ONE-QUARTER INCH (1/4") TO VERIFY THAT THEY HAVE NOT BEEN SIGNIFICANTLY DISTURBED. ANY ACCUMULATED SEDIMENT AFTER A SIGNIFICANT RAINFALL TO BE REMOVED AND PLACED IN THE OWNER DESIGNATED SPOIL DISPOSAL SITE. THE CONTRACTOR TO CONDUCT PERIODIC INSPECTIONS OF ALL EROSION/SEDIMENTATION CONTROLS AND TO MAKE ANY REPAIRS OR MODIFICATIONS NECESSARY TO ASSURE CONTINUED EFFECTIVE OPERATION OF EACH DEVICE.
16. WHERE THERE IS TO BE AN APPROVED GRADE CHANGE, IMPERMEABLE PAVING SURFACE, TREE WELL, OR OTHER SUCH SITE DEVELOPMENT IMMEDIATELY ADJACENT TO A PROTECTED TREE, ERECT THE FENCE APPROXIMATELY TWO TO FOUR FEET (2'-4') BEHIND THE AREA IN QUESTION.
17. NO ABOVE AND/OR BELOW GROUND TEMPORARY FUEL STORAGE FACILITIES TO BE STORED ON THE PROJECT SITE.
18. IF EROSION AND SEDIMENTATION CONTROL SYSTEMS ARE EXISTING FROM PRIOR CONTRACTS, OWNER'S REPRESENTATIVE AND THE CONTRACTOR TO EXAMINE THE EXISTING EROSION AND SEDIMENTATION CONTROL SYSTEMS FOR DAMAGE PRIOR TO CONSTRUCTION. ANY DAMAGE TO PREEXISTING EROSION AND SEDIMENTATION CONTROLS NOTED TO BE REPAIRED AT OWNER'S EXPENSE.
19. INTENTIONAL RELEASE OF VEHICLE OR EQUIPMENT FLUIDS ONTO THE GROUND IS NOT ALLOWED. CONTAMINATED SOIL RESULTING FROM ACCIDENTAL SPILL TO BE REMOVED AND DISPOSED OF PROPERLY.

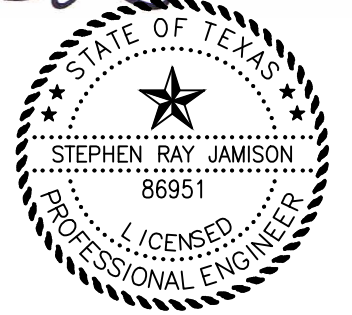
JAMISON CIVIL ENGINEERING LLC

(TX. PE FIRM REG. #F-17756)
13812 RESEARCH BLVD. #B-2
AUSTIN, TEXAS 78750
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EL POLLO RICO RESTAURANT - HUTTO

GENERAL NOTES
ED SCHMIDT BLVD.
HUTTO, TEXAS 78634

The seal appearing on this document was authorized by
Stephen Ray Jamison
on 10/07/2022



File: EL POLLO RICO DWG	Notes: PLAN NOTES.DWG
Job No.	Snapshot:
Scale (Hor.):	Scale (Vert.):
Date: 10/10/22	Checked By: SRJ
Revision 1:	Drawn By: MM
Revision 2:	
Revision 3:	
Revision 4:	

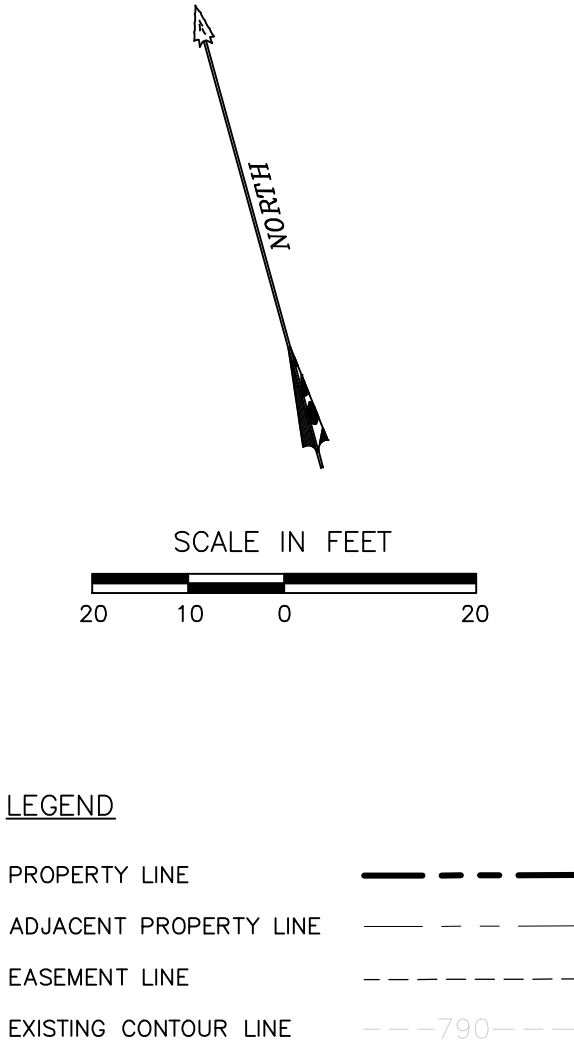
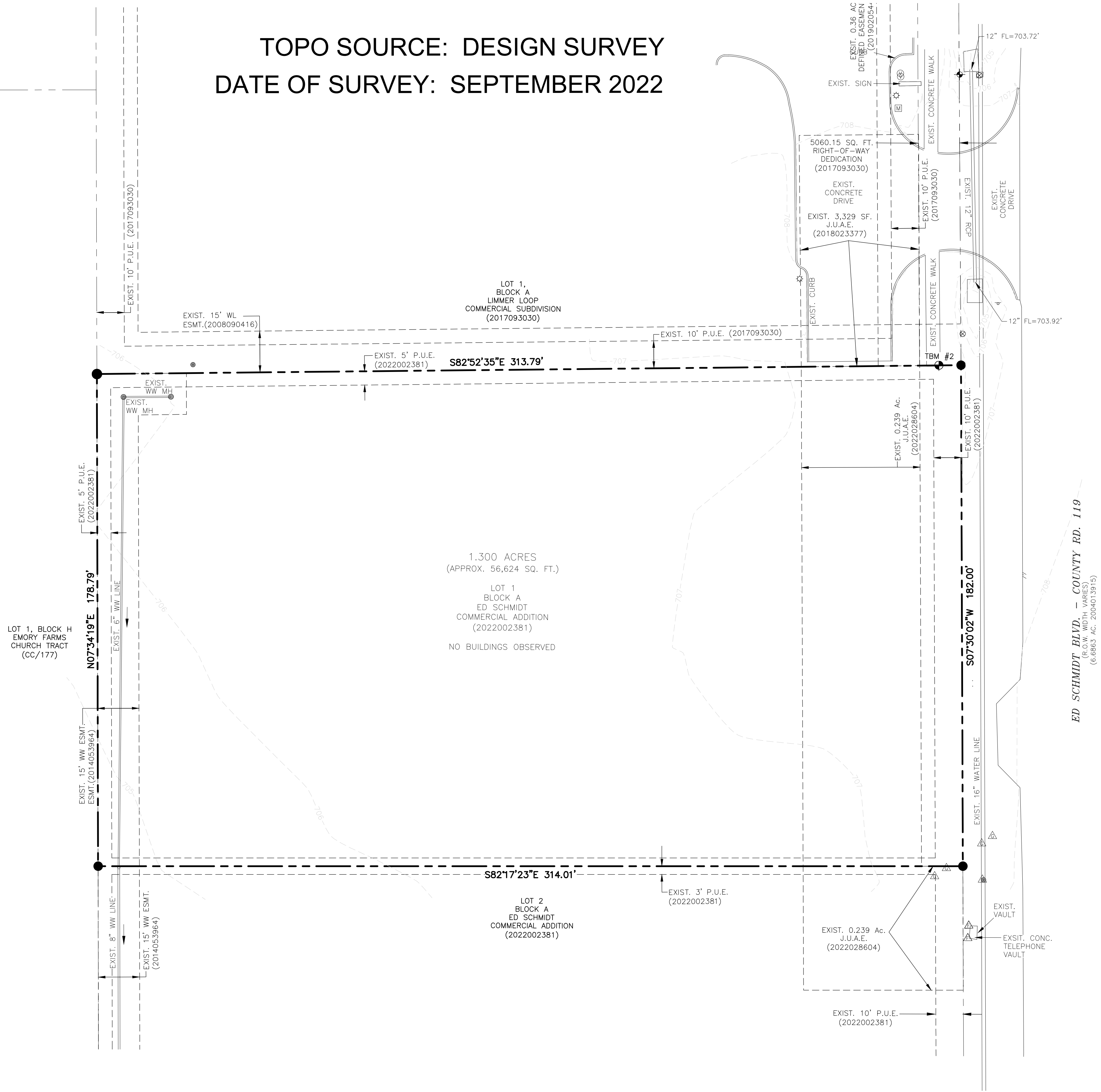
Received 3/16/2023



CAUTION!!!
CONTRACTOR SHALL LOCATE ANY ALL EXISTING UTILITIES PRIOR TO ANY SITE WORK, (BOTH HORIZONTALLY AND VERTICALLY). THE DESIGN ENGINEER WILL NOT BE RESPONSIBLE FOR DAMAGES TO ANY EXISTING UTILITIES OR FOR ANY CONFLICTS THAT MAY ARISE DUE TO ANY UTILITIES NOT PROPERLY LOCATED.

SHEET
04 of 23

TOPO SOURCE: DESIGN SURVEY
DATE OF SURVEY: SEPTEMBER 2022



LEGEND

PROPERTY LINE ————

ADJACENT PROPERTY LINE ————

EASEMENT LINE - - - - -

EXISTING CONTOUR LINE ---790---

BENCHMARK:

TBM #1: MAG NAIL WITH WASHER SET IN THE SOUTHWEST CORNER OF A CONCRETE UTILITY VAULT.

ELEVATION = 706.19'
VERTICAL DATUM: NAVD 88 (GEOID 09)

TBM #2: MAG NAIL WITH WASHER SET IN THE SOUTHEAST CORNER OF A CONCRETE SIDEWALK, +/- 30' WEST OF THE WEST EDGE OF ASPHALT OF ED SCHMIDT BOULEVARD AND +/- 386' SOUTH OF THE INTERSECTION OF ED SCHMIDT BOULEVARD AND LIMMER LOOP.

ELEVATION = 707.65'
VERTICAL DATUM: NAVD 88 (GEOID 09)

Received 3/16/2023

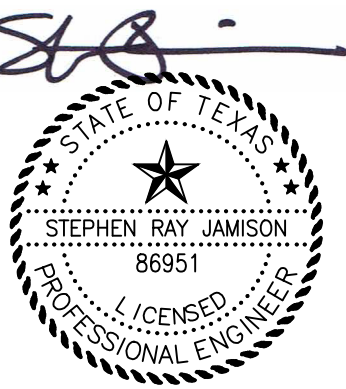


CAUTION!!!
CONTRACTOR SHALL LOCATE ANY ALL EXISTING UTILITIES PRIOR TO ANY SITE WORK, (BOTH HORIZONTALLY AND VERTICALLY). THE DESIGN ENGINEER WILL NOT BE RESPONSIBLE FOR DAMAGES TO ANY EXISTING UTILITIES OR FOR ANY CONFLICTS THAT MAY ARISE DUE TO ANY UTILITIES NOT PROPERLY LOCATED.

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EL POLLO RICO RESTAURANT - HUTTO
EXISTING CONDITIONS & DEMOLITION PLAN
ED SCHMIDT BLVD.
HUTTO, TEXAS 78634

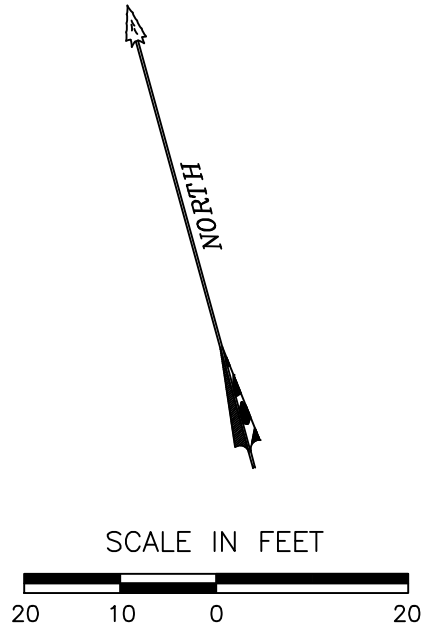
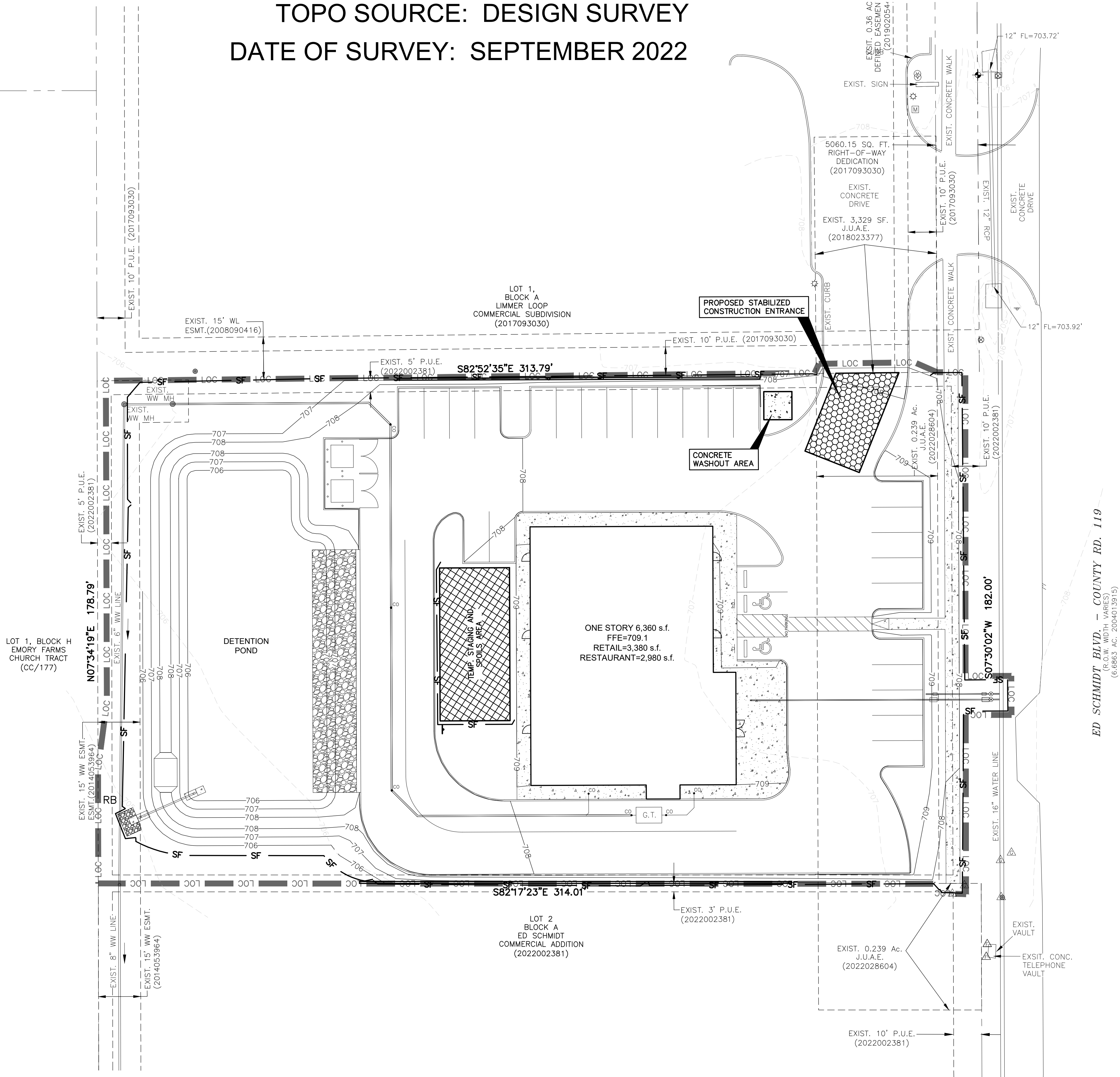
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Job No.	Snapshot:	EXIST.
Scale (Hor.):	Scale (Vert.):	
Date: 10/10/22	Checked By: SRJ	Drawn By: MM
Revision 1:		
Revision 2:		
Revision 3:		
Revision 4:		

SHEET
05 of 23

TOPO SOURCE: DESIGN SURVEY
DATE OF SURVEY: SEPTEMBER 2022



LEGEND	
PROPERTY LINE	---
ADJACENT PROPERTY LINE	---
EASEMENT LINE	---
EXISTING CONTOUR LINE	---790---
LIMITS OF CONSTRUCTION	LOC
SILT FENCE (100' MAX. CONTINUOUS RUN)	100' MAX
TEMPORARY STAGING AND SPOILS AREA	[Hatched Box]

NOTES:

- ALL DISTURBED AREAS SHALL BE RE-VEGETATED TO MEET THE REQUIREMENTS OF THE CITY OF CEDAR PARK'S ORDINANCES.
- IF DISTURBED AREA IS NOT TO BE WORKED ON FOR MORE THAN 14 DAYS, DISTURBED AREA NEEDS TO BE STABILIZED BY REVEGETATION, MULCH, TARP OR REVEGETATION MATTING.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY INSPECTOR AT TIME OF CONSTRUCTION. INSPECTOR HAS THE AUTHORITY TO ADD AND/OR MODIFY EROSION/SEDIMENTATION CONTROLS ON SITE TO KEEP PROJECT IN COMPLIANCE WITH THE CITY OF AUSTIN RULES AND REGULATIONS.
- CONTRACTOR SHALL UTILIZE DUST CONTROL MEASURES DURING SITE CONSTRUCTION SUCH AS IRRIGATION TRUCKS AND MULCHING AS PER ECM 1.4.5(D), OR AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.
- SILT FENCE TYPE AND INSTALLATION SHALL COMPLY WITH ECM 1.4.2(G).
- CONTRACTOR SHALL CLEAN UP SPOILS THAT MIGRATE ONTO THE ROADS A MINIMUM OF ONCE DAILY.
- WASHOUT AREA LOCATION (FOR CONCRETE MIXERS, PAINT, STUCCO, ETC.) TO BE SET DURING PRE-CON MEETING WITH ENVIRONMENTAL INSPECTOR.
- INTERIOR SILT FENCE TO BE REMOVED AFTER INSTALLATION OF STORM SEWER IS COMPLETE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF EXISTING POND DURING ALL CONSTRUCTION ACTIVITY PRIOR TO FINAL CERTIFICATE OF OCCUPANCY. COORDINATE WITH THE CITY OF CEDAR PARK'S STORMWATER COORDINATOR, DENNIS NIELSEN AT (512) 401-5359.

EROSION CONTROL NOTES:

- ONCE FINAL GRADE IS ACHIEVED, PERMANENT STABILIZATION MUST BE INITIATED WITHIN 7 DAYS TO LIMIT TIME SOIL IS EXPOSED FOR POTENTIAL EROSION.
- CONTRACTORS ARE REQUIRED TO HAVE CPESC, CEWSI (CERTIFIED EROSION AND SEDIMENTATION STORMWATER INSPECTOR) OR CISEC (CERTIFIED INSPECTOR OF SEDIMENT AND EROSION CONTROL) TO PERFORM AND DOCUMENT ALL INSPECTIONS AND MAINTENANCE
- INSTALL SOIL PROTECTION BLANKET CLASS 1, TYPE D ON ALL SLOPES 3:1 OR GREATER
- J-HOOKS SHALL BE SPACED NO GREATER THAN 100 LF APART.
- TURNBACKS SHALL BE SPACE NO GREATER THAN 200 LF APART.
- CONTRACTOR IS RESPONSIBLE FOR REMOVING AND SEDIMENT TRANSPORTED FROM THE LIMITS OF CONSTRUCTION TO THE OFFSITE DETENTION / WATER QUALITY POND(S).
- CONTRACTOR IS REQUIRED TO REMOVE EXCESS SILT FROM EXISTING WET POND AND HEADWALLS GENERATED BY CONSTRUCTION OF THIS PROJECT.

Received 3/16/2023



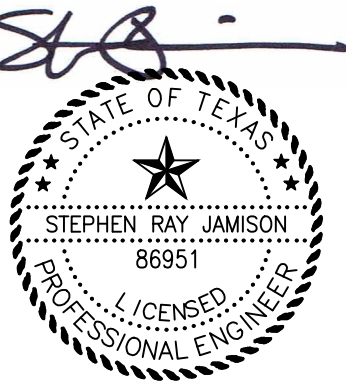
CAUTION!!!
CONTRACTOR SHALL LOCATE ANY ALL EXISTING UTILITIES PRIOR TO ANY SITE WORK, (BOTH HORIZONTALLY AND VERTICALLY). THE DESIGN ENGINEER WILL NOT BE RESPONSIBLE FOR DAMAGES TO ANY EXISTING UTILITIES OR FOR ANY CONFLICTS THAT MAY ARISE DUE TO ANY UTILITIES NOT PROPERLY LOCATED.

JAMISON CIVIL ENGINEERING LLC

(TX. PE FIRM REG. #F-17756)
13812 RESEARCH BLVD. #B-2
AUSTIN, TEXAS 78750
OFFICE: (737) 484-0880
INFO@JAMISONENG.COM

EL POLLO RICO RESTAURANT - HUTTO
EROSION SEDIMENTATION CONTROL PLAN
ED SCHMIDT BLVD.
HUTTO, TEXAS 78634

The seal appearing on this document was authorized by Stephen Ray Jamison on 10/07/2022



File: EL POLLO RICO DWG/PLAN/EROSION.DWG	Job No.	Snapshot:	Scale (Hor.):	Date: 10/10/22	Checked By: SRJ	Drawn By: DSP
			Scale (Vert.):			
				Revision 1:		
				Revision 2:		
				Revision 3:		
				Revision 4:		

SHEET
06 of 23

LOT 1, BLOCK H
EMORY FARMS
CHURCH TRACT
(CC/177)

N07°34'19"E 178.79'

DETENTION
POND

LOT 1,
BLOCK A
LIMMER LOOP
COMMERCIAL SUBDIVISION
(2017093030)

S82°52'35"E 313.79'

ONE STORY 6,360 s.f.
FFE=709.1
RETAIL=3,380 s.f.
RESTAURANT=2,980 s.f.

S82°17'23"E 314.01'

LOT 2
BLOCK A
ED SCHMIDT
COMMERCIAL ADDITION
(2022002381)

EXIST. CURB
EXIST. SIGN
EXIST. CONCRETE WALK
EXIST. CONCRETE DRIVE

EXIST. CURB

EXIST. CONCRETE WALK

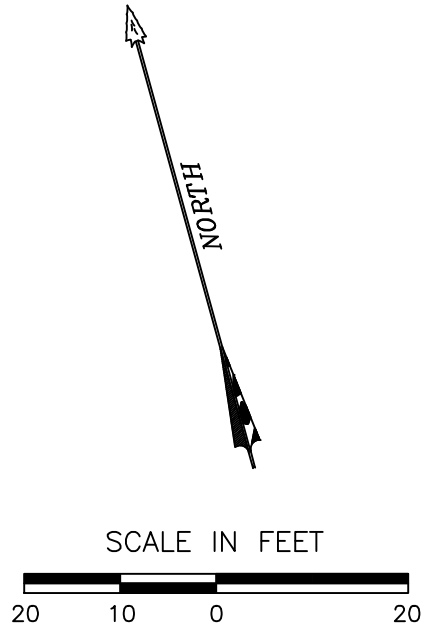
12" FL=703.72'

12" FL=703.92'

S07°30'02"W 182.00'

ED SCHMIDT BLVD. - COUNTY RD. 119
(R.O.W. WIDTH VARIES)
(6.8863 AC. 2004019915)

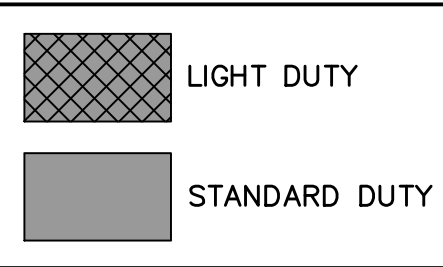
EXIST. VAULT
EXIST. CONC.
TELEPHONE
VAULT



LEGEND

PROPERTY LINE

ADJACENT PROPERTY LINE



*PAVEMENT DESIGN:

PAVEMENT DESIGN SHOWN
HEREON IS THE DESIGN OF THE
OWNER'S GEOTECHNICAL
CONSULTANT .

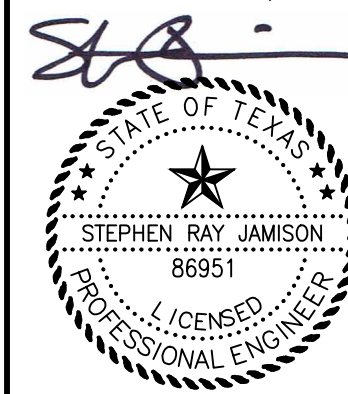
JAMISON CIVIL ENGINEERING
LLC MAKES NO WARRANTY OR
GUARANTEE AS TO ITS
SUITABILITY, AND ASSUMES NO
LIABILITY THEREFOR.

Received 3/16/2023



CAUTION!!!
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UTILITIES PRIOR TO ANY SITE WORK,
(BOTH HORIZONTALLY AND VERTICALLY).
THE DESIGN ENGINEER WILL NOT BE RESPONSIBLE
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OR FOR ANY CONFLICTS THAT MAY ARISE DUE TO
ANY UTILITIES NOT PROPERLY LOCATED.

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on 10/07/2022

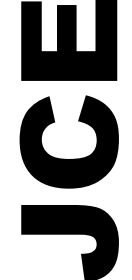


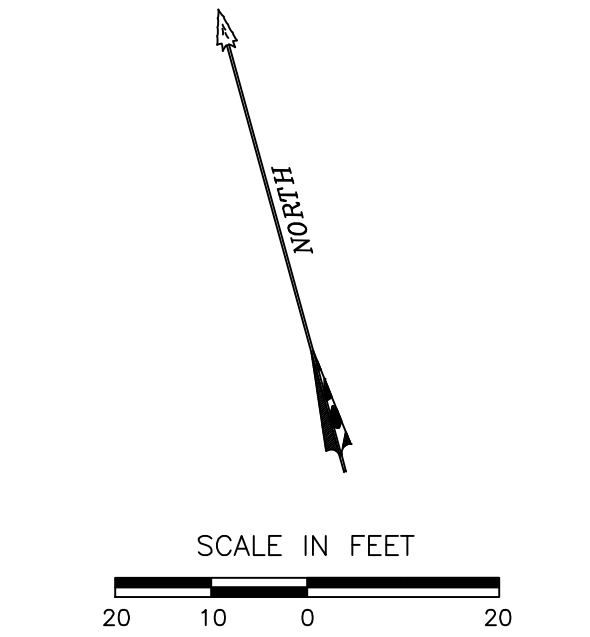
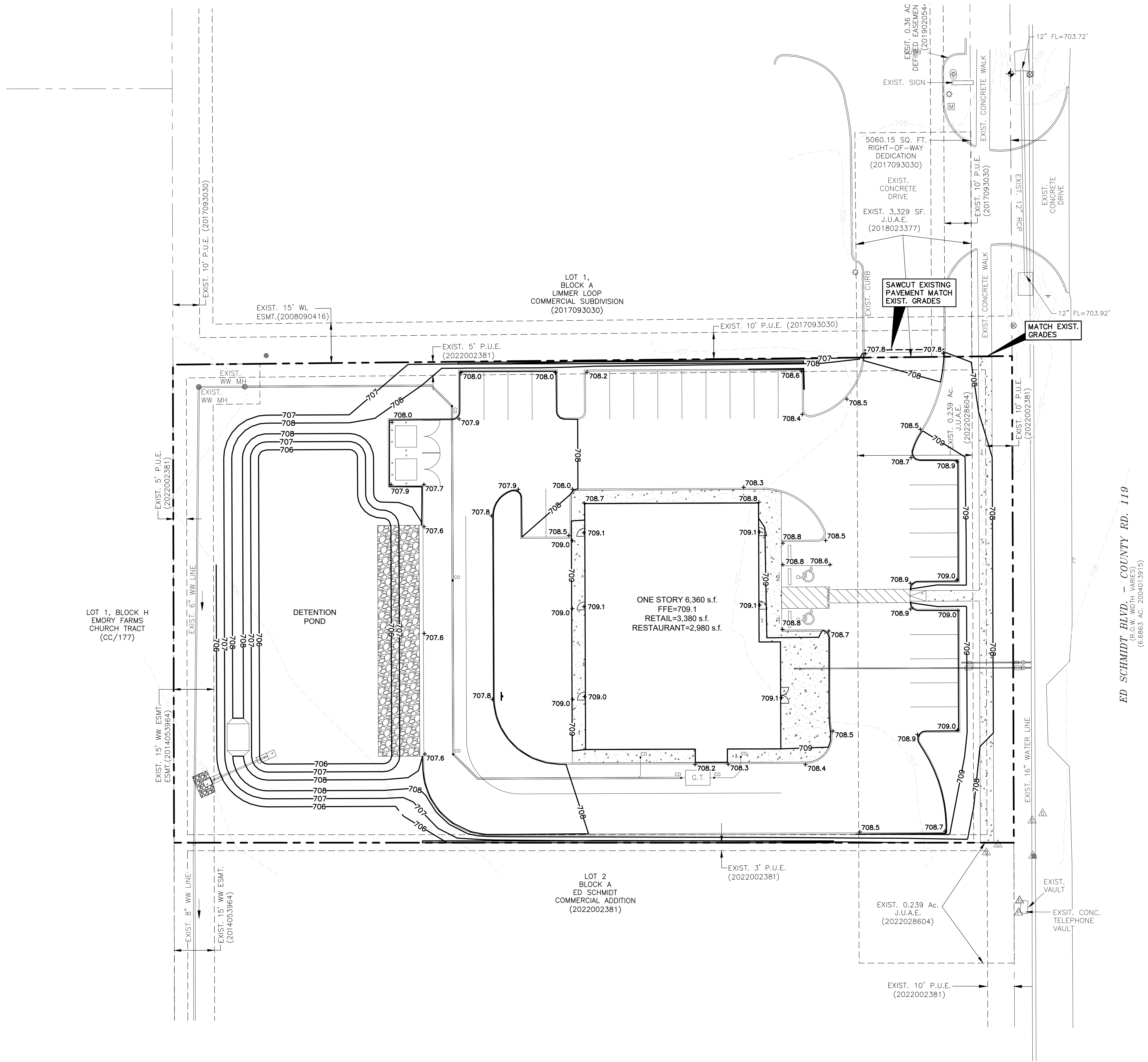
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Scale (Hor.):	Scale (Vert.):	
Date: 10/10/22	Checked By: SRJ	Drawn By: DSP
Revision 1:		
Revision 2:		
Revision 3:		
Revision 4:		

SHEET
08 of 23

JAMISON CIVIL ENGINEERING LLC
(TX. PE FIRM REG. #F-17756)
13812 RESEARCH BLVD. #B-2
AUSTIN, TEXAS 78750
OFFICE: (737) 484-0880
INFO@JAMISONENG.COM

EL POLLO RICO RESTAURANT - HUTTO
PAVING PLAN
ED SCHMIDT BLVD.
HUTTO, TEXAS 78634





LEGEND	
PROPERTY LINE	---
ADJACENT PROPERTY	---
EASEMENT LINE	---
EXISTING CONTOUR LINE	---
PROPOSED CONTOUR LINE	---
PROPOSED SPOT ELEVATION	+782.5
SAWCUT LINE	---

NOTE:

1. RUNNING SLOPE OF ACCESSIBLE ROUTES SHALL NOT EXCEED 1":20' (5.0%). CROSS SLOPE OF ACCESSIBLE ROUTES SHALL NOT EXCEED 1":50' (2.0%). CONTRACTOR TO VERIFY ALL SLOPES PRIOR TO CONSTRUCTION OF ACCESSIBLE ROUTES.

Received 3/16/2023



CAUTION!!!
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EL POLLO RICO RESTAURANT - HUTTO
GRADING PLAN
ED SCHMIDT BLVD.
HUTTO, TEXAS 78634

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File: EL POLLO RICO DWG\PLANS\GRADING.DWG	Job No.	Snapshot: TEMPLATE
Scale (Hor.):	Scale (Vert.):	Scale (Vert.):
Date: 10/10/22	Checked By: SRJ	Drawn By: JCE
Revision 1:		
Revision 2:		
Revision 3:		
Revision 4:		

SHEET
09 of 23

EXISTING FLOW SUMMARY

PEAK FLOWS WERE CALCULATED USING HEC-HMS.

BASIN	CN	AREA (AC)	T _c (MIN)	L.C. (AC)	FLOW (Q)			
					2-YR (CFS)	10-YR (CFS)	25-YR (CFS)	100-YR (CFS)
EXISTING BASIN 1	84	1.03	15.90	0.00	3.0	5.4	7.1	9.6
EXISTING JUNCTION 1					3.0	5.4	7.1	9.6
EXISTING BASIN 2	84	0.17	9.28	0.00	0.6	1.1	1.4	2.0
EXISTING BASIN 3	84	0.1	9.78	0.00	0.3	0.6	0.8	1.1

DEVELOPED FLOW SUMMARY

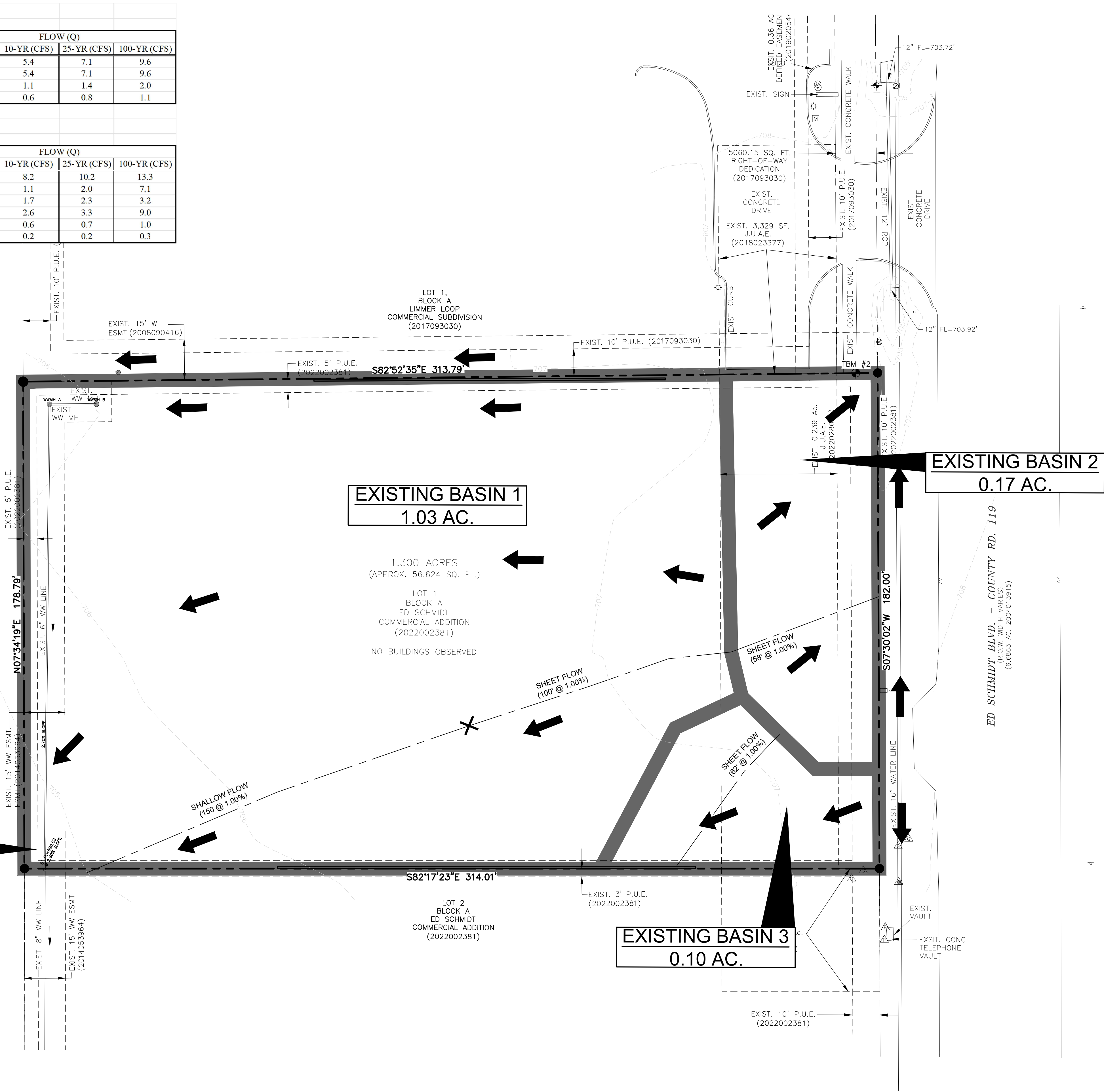
PEAK FLOWS WERE CALCULATED USING HEC-HMS.

BASIN	CN	AREA (AC)	T _c (MIN)	L.C. (AC)	FLOW (Q)			
					2-YR (CFS)	10-YR (CFS)	25-YR (CFS)	100-YR (CFS)
DEVELOPED BASIN 1	94	0.95	5.00	0.71	5.2	8.2	10.2	13.3
DETENTION POND 1					0.9	1.1	2.0	7.1
DEVELOPED BYPASS 1	80	0.25	5.00	0.00	0.9	1.7	2.3	3.2
DEVELOPED JUNCTION 1					1.7	2.6	3.3	9.0
DEVELOPED BYPASS 2	84	0.07	5.00	0.02	0.3	0.6	0.7	1.0
DEVELOPED BYPASS 3	83	0.03	5.00	0.01	0.1	0.2	0.2	0.3

DEVELOPED JUNCTION 1 SUMMARY

STORM	EXISTING (CFS)	DEVELOPED (CFS)
2-YEAR	3.0	1.7
10-YEAR	5.4	2.6
25-YEAR	7.1	3.3
100-YEAR	9.6	9.0

LOT 1, BLOCK H
EMORY FARMS
CHURCH TRACT
(CC/177)



LEGEND

PROPERTY LINE	---
ADJACENT PROPERTY LINE	---
EASEMENT LINE	---
EXISTING CONTOUR LINE	---790---
EXISTING FLOW ARROW	←

Received 3/16/2023



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JAMISON CIVIL ENGINEERING LLC

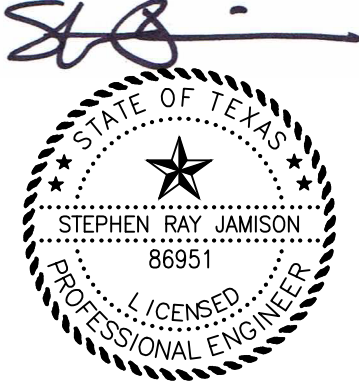
(TX. PE FIRM REG. #F-17756)
13812 RESEARCH BLVD. #B-2
AUSTIN, TEXAS 78750
OFFICE: (737) 484-0880
INFO@JAMISONENG.COM

EL POLLO RICO RESTAURANT - HUTTO

EXISTING DRAINAGE CONDITIONS

ED SCHMIDT BLVD.
HUTTO, TEXAS 78634

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File: EL POLLO RICO DWG/PLANS/DRAINAGE.DWG

Job No.	Snapshot:	EXISTING
Scale (Hor.):	Scale (Vert.):	
Date: 10/10/22	Checked By: SRJ	Drawn By: NM
Revision 1:		
Revision 2:		
Revision 3:		
Revision 4:		

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DEVELOPED JUNCTION 1 SUMMARY

STORM	EXISTING (CFS)	DEVELOPED (CFS)
2-YEAR	3.0	1.7
10-YEAR	5.4	2.6
25-YEAR	7.1	3.3
100-YEAR	9.6	9.0

EXISTING FLOW SUMMARY

PEAK FLOWS WERE CALCULATED USING HEC-HMS.

BASIN	CN	AREA (AC)	T _c (MIN)	I.C. (AC)	FLOW (Q)			
					2-YR (CFS)	10-YR (CFS)	25-YR (CFS)	100-YR (CFS)
EXISTING BASIN 1	84	1.03	15.90	0.00	3.0	5.4	7.1	9.6
EXISTING JUNCTION 1					3.0	5.4	7.1	9.6
EXISTING BASIN 2	84	0.17	9.28	0.00	0.6	1.1	1.4	2.0
EXISTING BASIN 3	84	0.1	9.78	0.00	0.3	0.6	0.8	1.1

DEVELOPED FLOW SUMMARY

PEAK FLOWS WERE CALCULATED USING HEC-HMS.

BASIN	CN	AREA (AC)	T _c (MIN)	I.C. (AC)	FLOW (Q)			
					2-YR (CFS)	10-YR (CFS)	25-YR (CFS)	100-YR (CFS)
DEVELOPED BASIN 1	94	0.95	5.00	0.71	5.2	8.2	10.2	13.3
DETENTION POND 1					0.9	1.1	2.0	7.1
DEVELOPED BYPASS 1	80	0.25	5.00	0.00	0.9	1.7	2.3	3.2
DEVELOPED JUNCTION 1					1.7	2.6	3.3	9.0
DEVELOPED BYPASS 2	84	0.07	5.00	0.02	0.3	0.6	0.7	1.0
DEVELOPED BYPASS 3	83	0.03	5.00	0.01	0.1	0.2	0.2	0.3

DETENTION POND A SUMMARY

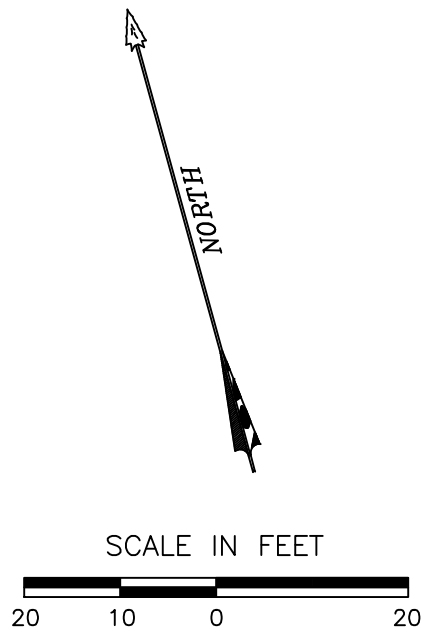
STORM	DETENTION POND STORAGE (AC-FT)	DETENTION POND ELEVATION
2-YEAR	0.1	706.5
10-YEAR	0.2	707.1
25-YEAR	0.2	707.4
100-YEAR	0.3	707.6

DEVELOPED BYPASS 1
0.25 AC.

BYPASS 2
0.07 AC.

DEVELOPED BASIN 1
0.95 AC.

BYPASS 3
0.03 AC.



LEGEND

PROPERTY LINE	---
ADJACENT PROPERTY LINE	---
EASEMENT LINE	---
EXISTING CONTOUR LINE	---
FLOW ARROWS	↑

JAMISON CIVIL ENGINEERING LLC

(TX. PE FIRM REG. #F-17756)
13812 RESEARCH BLVD. #B-2
AUSTIN, TEXAS 78750
OFFICE: (737) 484-0880
INFO@JAMISONENG.COM

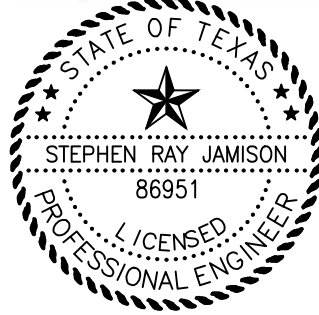
JCE

EL POLLO RICO RESTAURANT - HUTTO

PROPOSED DRAINAGE CONDITIONS

ED SCHMIDT BLVD.
HUTTO, TEXAS 78634

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Stephen Ray Jamison
on 12/12/2022.



File: EL POLLO RICO DRAINAGE.DWG

Job No.	Snapshot:	DEVELOPED
Scale (Hor.):	Scale (Vert.):	
Date: 10/10/22	Checked By: SRJ	Drawn By: NM
Revision 1:		
Revision 2:		
Revision 3:		
Revision 4:		

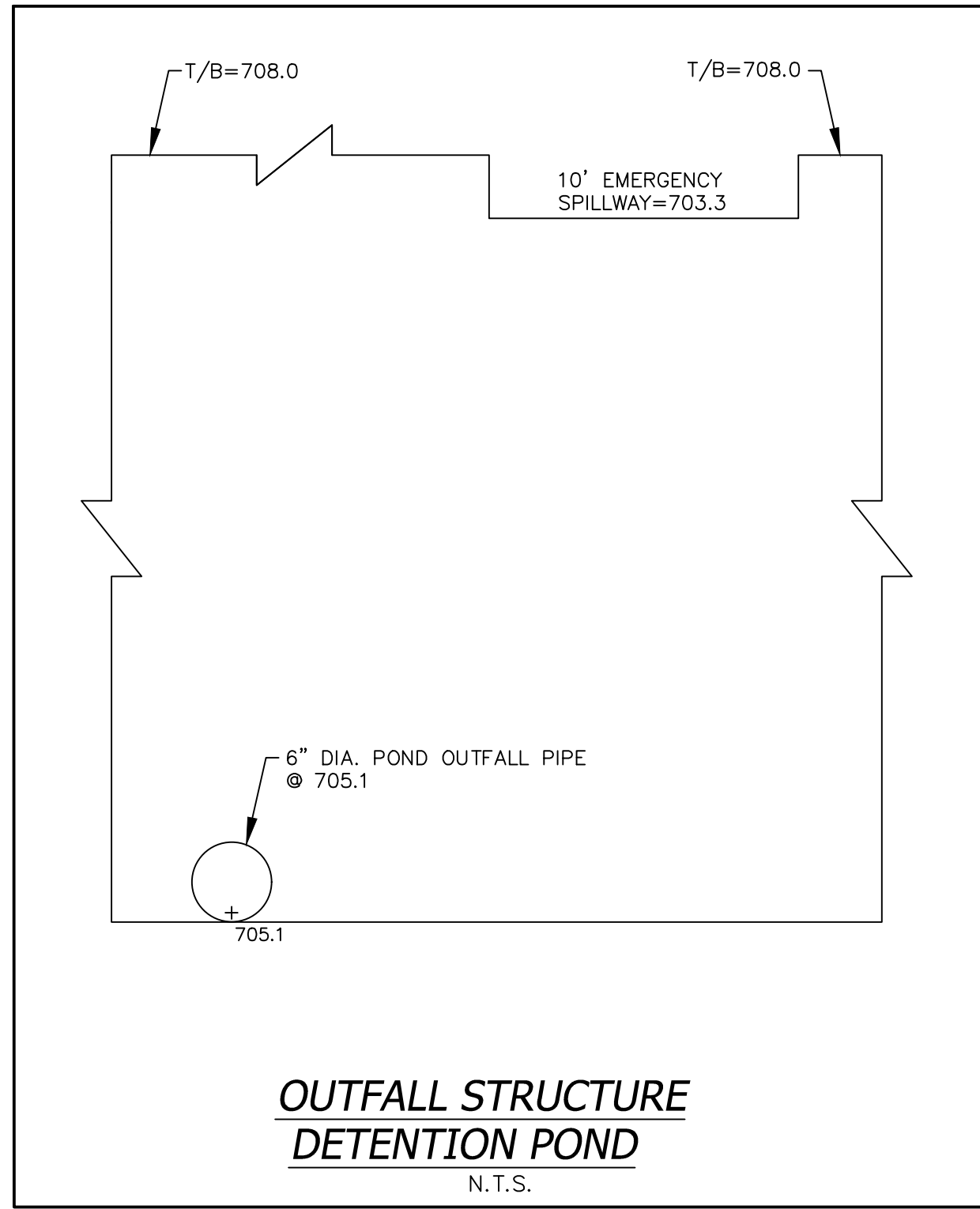
Received 3/16/2023



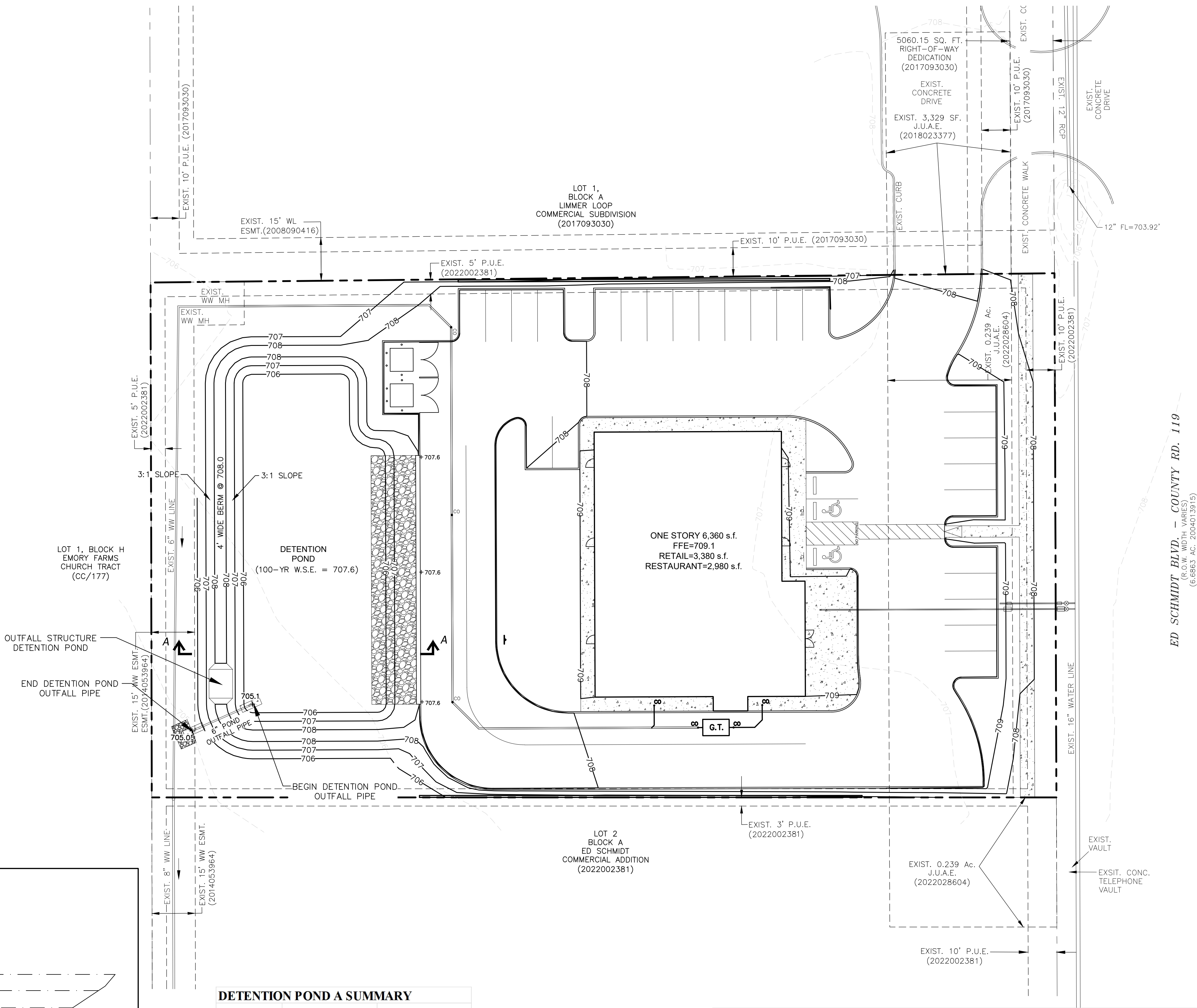
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SHEET

11 of 23

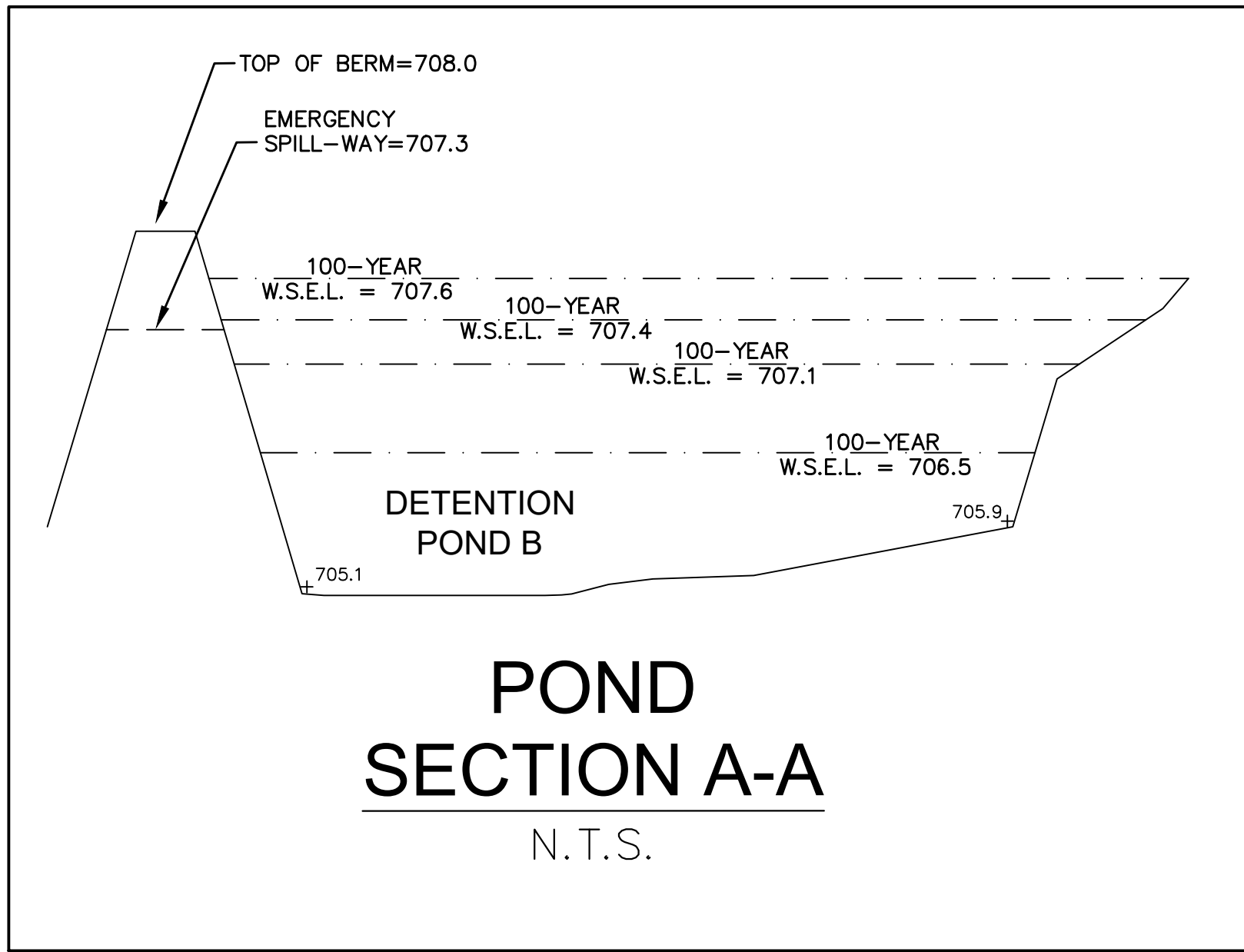
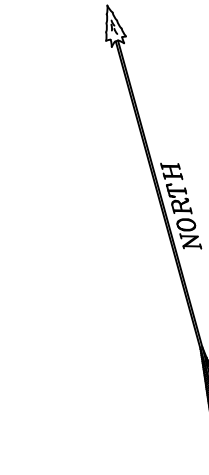


OUTFALL STRUCTURE
DETENTION POND
N.T.S.



LEGEND
PROPERTY LINE
R.O.W. LINE
EASEMENT LINE
EXISTING CONTOUR LINE

SCALE IN FEET
20 10 0 20



POND
SECTION A-A
N.T.S.

DETENTION POND A SUMMARY

STORM	DETENTION POND STORAGE (AC-FT)	DETENTION POND ELEVATION
2-YEAR	0.1	706.5
10-YEAR	0.2	707.1
25-YEAR	0.2	707.4
100-YEAR	0.3	707.6

DETENTION POND 1 VOLUMES

Elevation * Ft. msl	Depth Ft.	Area S. F.	Area Ac.	Avg. Area S. F.	Inc. Vol. C. F.	Total Vol. C. F.
705.00	-	-	-	-	-	-
706.00	1.00	5,485	0.126	2,743	1,828	1,828
707.00	1.00	6,523	0.150	6,004	5,997	7,825
708.00	1.00	7,632	0.175	7,078	7,070	14,895

EXISTING FLOW SUMMARY

PEAK FLOWS WERE CALCULATED USING HEC-HMS.

BASIN	CN	AREA (AC)	T _c (MIN)	I.C. (AC)	FLOW (Q)			
					2-YR (CFS)	10-YR (CFS)	25-YR (CFS)	100-YR (CFS)
EXISTING BASIN 1	84	1.03	15.90	0.00	3.0	5.4	7.1	9.6
EXISTING JUNCTION 1					3.0	5.4	7.1	9.6
EXISTING BASIN 2	84	0.17	9.28	0.00	0.6	1.1	1.4	2.0
EXISTING BASIN 3	84	0.1	9.78	0.00	0.3	0.6	0.8	1.1

DEVELOPED FLOW SUMMARY

PEAK FLOWS WERE CALCULATED USING HEC-HMS.

BASIN	CN	AREA (AC)	T _c (MIN)	I.C. (AC)	FLOW (Q)			
					2-YR (CFS)	10-YR (CFS)	25-YR (CFS)	100-YR (CFS)
DEVELOPED BASIN 1	94	0.95	5.00	0.71	5.2	8.2	10.2	13.3
DETENTION POND 1					0.9	1.1	2.0	7.1
DEVELOPED BYPASS 1	80	0.25	5.00	0.00	0.9	1.7	2.3	3.2
DEVELOPED JUNCTION 1					1.7	2.6	3.3	9.0
DEVELOPED BYPASS 2	84	0.07	5.00	0.02	0.3	0.6	0.7	1.0
DEVELOPED BYPASS 3	83	0.03	5.00	0.01	0.1	0.2	0.2	0.3

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JAMISON CIVIL ENGINEERING LLC

(TX. PE FIRM REG. #F-17756)
13812 RESEARCH BLVD. #B-2

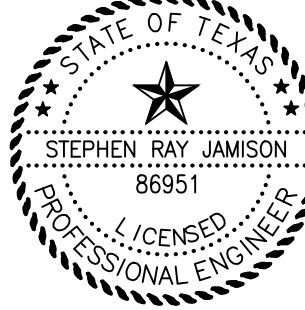
AUSTIN, TEXAS 78750
OFFICE: (737) 484-0880
INFO@JAMISONENG.COM

EL POLLO RICO RESTAURANT - HUTTO

DETENTION POND & CALCULATIONS

ED SCHMIDT BLVD.
HUTTO, TEXAS 78634

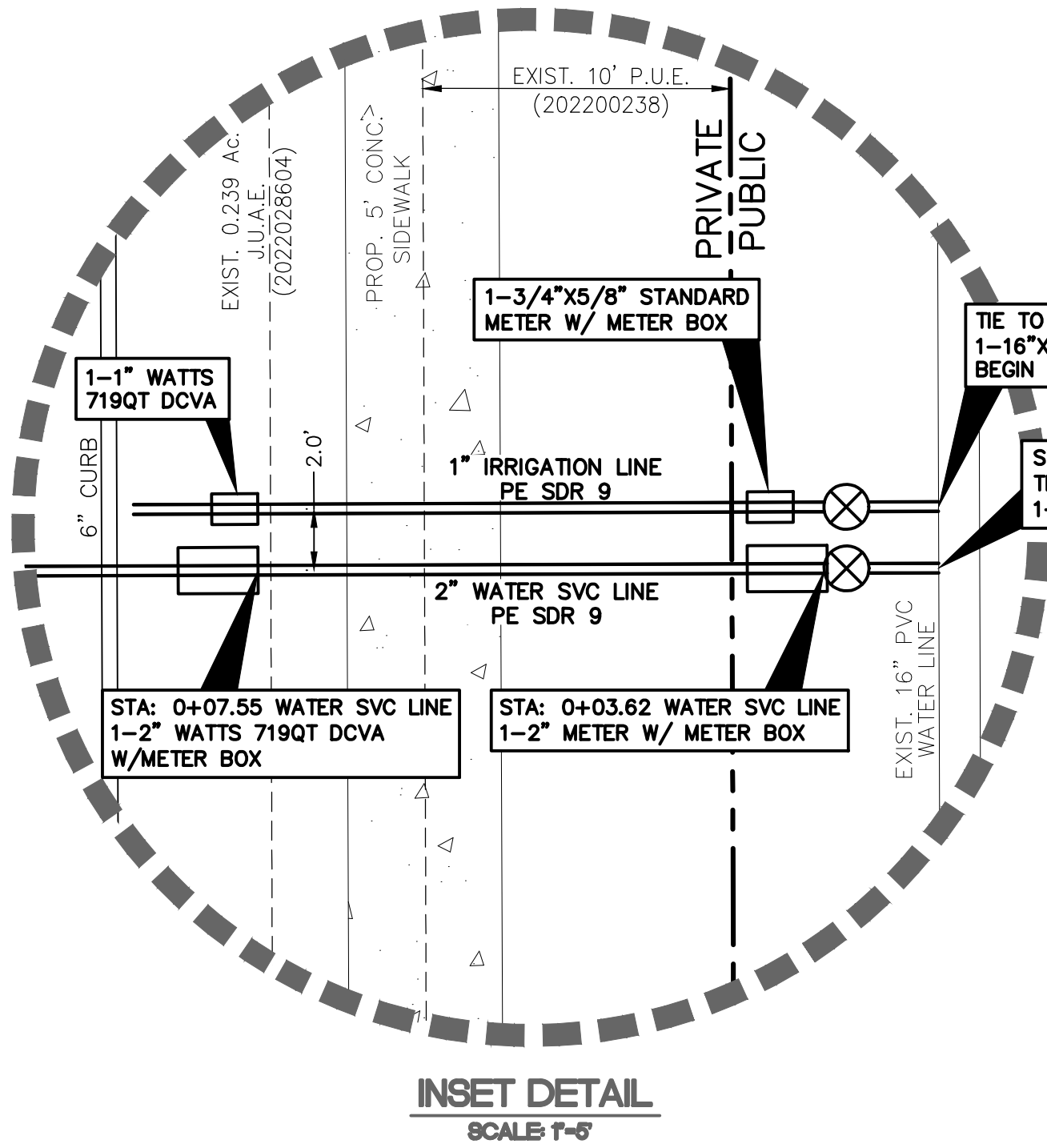
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File: EL POLLO RICO.DWG	Job No.	Snapshot: POND
Scale (Hor.):	Scale (Vert.):	Scale (Vert.):
Date: 10/10/22	Checked By: SRJ	Drawn By: NM
Revision 1:		
Revision 2:		
Revision 3:		
Revision 4:		

SHEET

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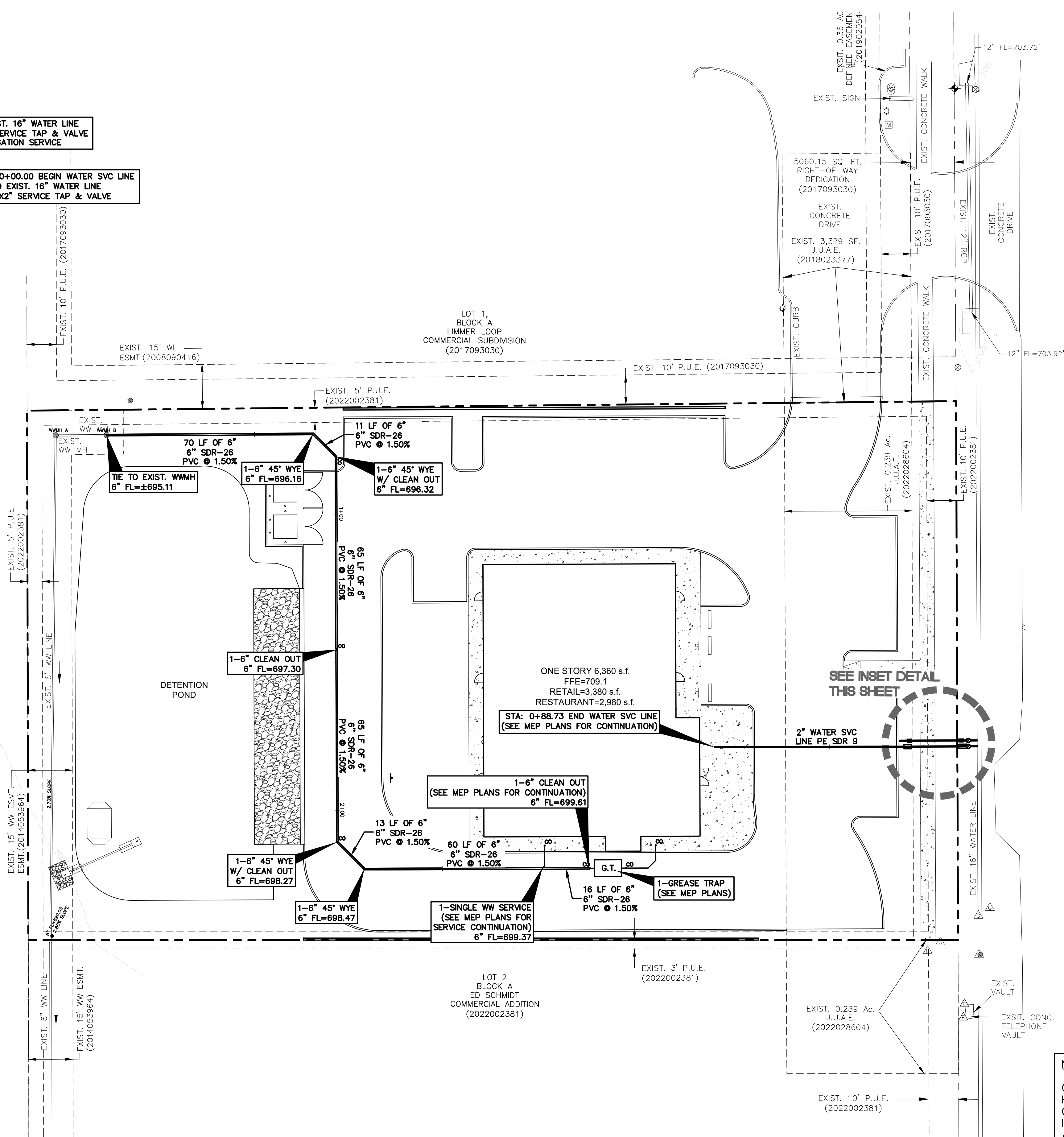


MANVILLE NOTES:

- MANVILLE CONTACTS:

ERIK PRINZ - DIRECTOR OF OPERATIONS
512-844-0762 (REQUIRED BEFORE CHANGES ARE MADE
ONSITE)

RAUL OCHOA - CONSTRUCTION SERVICE TECH
512-517-8661
- CONTRACTOR SHALL VERIFY CLASS OF PIPE BEFORE
ORDERING PARTS FOR 12" TAP
- TAPPING SADDLE USED FOR THE FIRE HYDRANT BRANCH
MUST BE FULL STAINLESS STEEL BODY
- PROVIDE ALL ITEM ON CHECKLIST (ATTACHED) THAT ARE
APPLICABLE BEFORE REQUESTING METER SERVICE
- NEED PROJECT ACCEPTANCE LETTER FROM DIRECTOR OF
OPERATIONS (REQUIRED BEFORE SETTING UP SERVICE
WITH MANVILLE)
- BULK CONSTRUCTION METER REQUEST
CUSTOMERSERVICE@MANVILLEWSC.ORG
(DIRECTOR MUST APPROVE LOCATION)



Received 3/16/2023



NOTE:

CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES, BOTH HORIZONTALLY AND VERTICALLY, PRIOR TO BEGINNING ANY OTHER WORK. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCY BETWEEN THE PLANS AND EXISTING UTILITIES IN THE FIELD. CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY RE-WORK REQUIRED AS A RESULT OF SUCH DISCREPANCY UNLESS ENGINEER IS NOTIFIED PRIOR TO BEGINNING ANY OTHER WORK.

CONTRACTOR IS RESPONSIBLE FOR ANY/ALL DAMAGE TO EXISTING UTILITIES, APPURTENANCES, SIGNAGE, FLATWORK, ETC. CAUSED BY THE CONSTRUCTION OF THIS PROJECT.

CAUTION!!!
CONTRACTOR SHALL LOCATE ANY/ALL EXISTING UTILITIES PRIOR TO ANY SITE WORK, (BOTH HORIZONTALLY AND VERTICALLY). THE DESIGN ENGINEER WILL NOT BE RESPONSIBLE FOR DAMAGES TO ANY EXISTING UTILITIES OR FOR ANY CONFLICTS THAT MAY ARISE DUE TO ANY UTILITIES NOT PROPERLY LOCATED.

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INFO@JAMISONENG.COM

EL POLLO RICO RESTAURANT - HUTTO
UTILITY PLAN
ED SCHMIDT BLVD.
HUTTO, TEXAS 78634



File: EL POLLO RICO.DWG	Utility.DWG
Job No.	Snapshot: UTILITY
Scale (Hor.):	Scale (Vert.):
Date: 10/10/22	Checked By: SRJ
Revision 1:	Drawn By: JCE
Revision 2:	
Revision 3:	
Revision 4:	

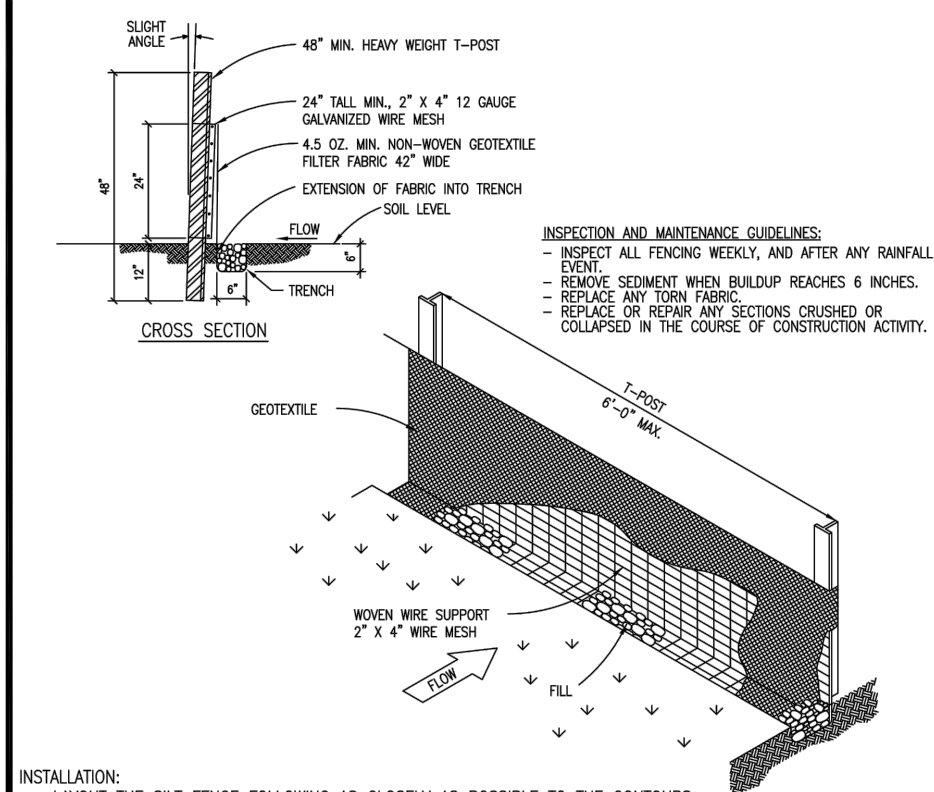
SHEET
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GUIDELINES FOR DESIGN AND INSTALLATION OF
TEMPORARY EROSION AND SEDIMENTATION CONTROLS

TYPE OF STRUCTURE	TYPE OF STRUCTURE	TYPE OF STRUCTURE	TYPE OF STRUCTURE
SILT FENCE	N/A	2 ACRES	0 - 10%
	200 FEET	2 ACRES	10% - 20%
	100 FEET	1 ACRE	20% - 30%
TRIANGLE FILTER DIKE	50 FEET	1/2 ACRE	> 30%
	100 FEET	1/4 ACRE	< 30%
ROCK BERM *, **	50 FEET	> 30%	
	500 FEET	< 5 ACRES	0 - 10%

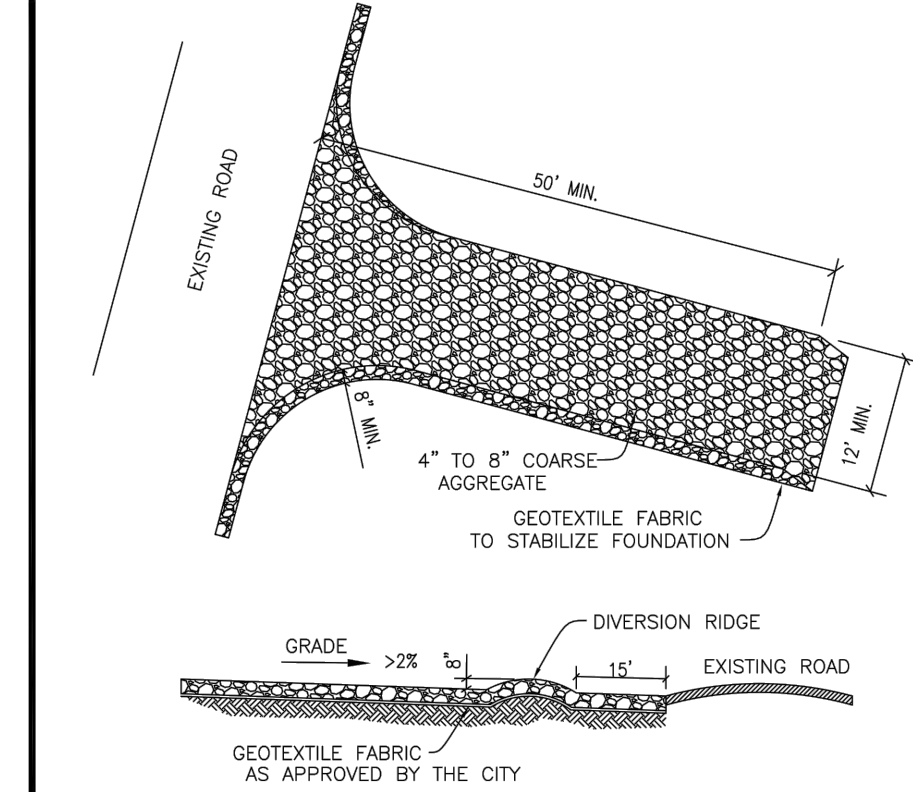
* FOR ROCK BERM DESIGN, WHERE PARAMETERS ARE OTHER THAN STATED, DRAINAGE AREA CALCULATION AND ROCK BERM DESIGN MUST BE SUBMITTED FOR REVIEW.
** HIGH SERVICE ROCK BERMS MAY BE REQUIRED IN AREAS OF ENVIRONMENTAL SIGNIFICANCE AS DETERMINED BY THE CITY OF HUTTO.

	CITY OF HUTTO		DRAWING NO. E83C01
	CONSTRUCTION STANDARDS AND DETAILS		UPDATER: 08/01/2019
	TEMPORARY EROSION AND SEDIMENTATION CONTROL		DRAWN BY: BH
	ENGINEERING & PUBLIC WORKS		SCALE: N.T.S.
			FILE NAME: E83C01.DWG



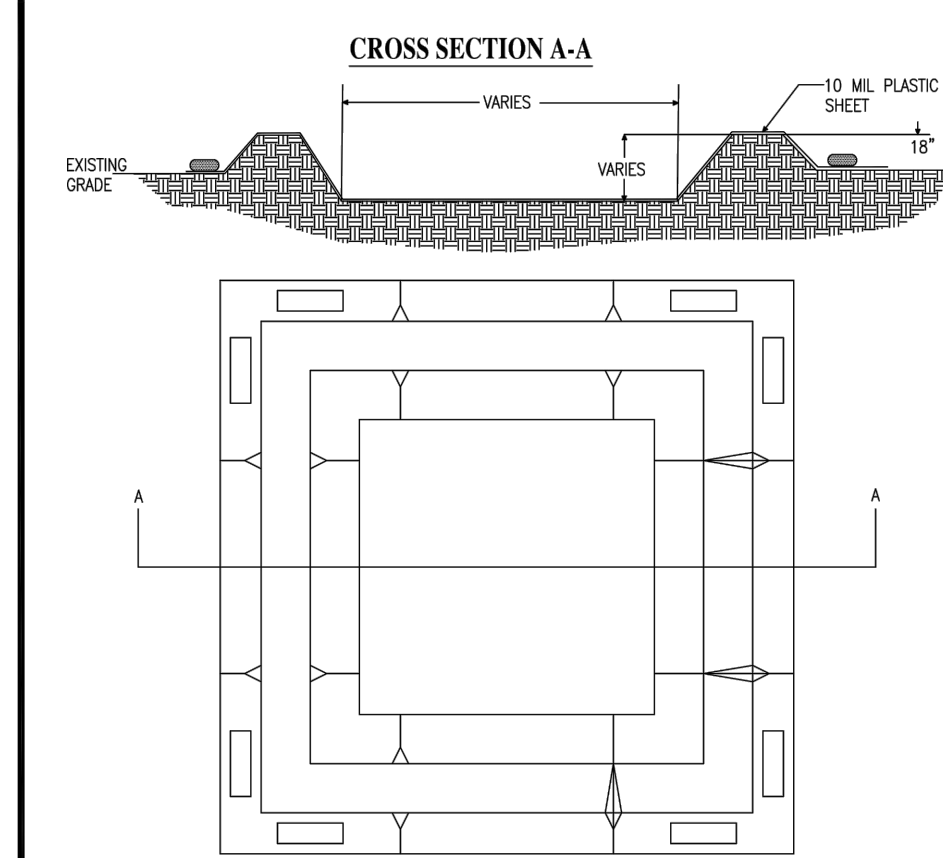
INSTALLATION:
- LAYOUT THE SILT FENCE FOLLOWING AS CLOSELY AS POSSIBLE TO THE CONTOURS.
- CLEAR THE GROUND OF DEBRIS, ROCKS AND/OR PLANTS (INCLUDING GRASSES TALLER THAN 2") TO PROVIDE A SMOOTH FLOW APPROACH SURFACE.
- EXCAVATE 6" DEEP BY 6" WIDE TRENCH ON UPSTREAM SIDE OF FACE PER PLANS.
- DRIVE THE HEAVY DUTY T-POST AT LEAST 12 INCHES (12") INTO THE GROUND AND AT A SLIGHT ANGLE TOWARDS THE FLOW.
- ATTACH THE 2' x 4' - 12 GAUGE WELDED WIRE MESH TO THE T-POST WITH 11-1/2 GAUGE GALVANIZED T-POST CLIPS. THE TOP OF THE WIRE TO BE 24" ABOVE GROUND LEVEL. THE WELDED WIRE MESH TO BE OVERLAPPED 6" AND TIED AT LEAST SIX TIMES WITH HOG RINGS.
- THE SILT FENCE TO BE INSTALLED WITH A SHORT MINIMUM OF 8' WIDE, PLACED ON THE UPHILL SIDE OF THE FENCE INSIDE THE EXCAVATED TRENCH. THE FABRIC TO OVERLAP THE TOP OF THE WIRE BY ON INCH (1").
- INDOOR THE SILT FENCE BY BACKFILLING WITH EXCAVATED DIRT AND ROCKS (NOT LARGER THAN 2").
- GEOTEXTILE SPLICES, MINIMUM 18" WIDE, SHOULD BE ATTACHED IN A LEAST SIX PLACES. SPLICES IN CONCENTRATED FLOW AREAS WILL NOT BE ACCEPTED.
- SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPREDE STORM FLOW OR DRAINAGE.

	CITY OF HUTTO		DRAWING NO. E83C02
	CONSTRUCTION STANDARDS AND DETAILS		UPDATER: 08/01/2019
	SILT FENCE		DRAWN BY: BH
	ENGINEERING & PUBLIC WORKS		SCALE: N.T.S.
			FILE NAME: E83C02.DWG



INSTALLATION:
- CLEAR THE AREA OF DEBRIS, ROCKS OR PLANTS THAT WILL INTERFERE WITH INSTALLATION.
- GRADE THE AREA FOR THE ENTRANCE TO FLOW BACK ON TO THE CONSTRUCTION SITE, RUNOFF FROM THE STABILIZED CONSTRUCTION.
- PLACE GEOTEXTILE FABRIC AS APPROVED BY THE CITY.
- PLACE ROCK AS APPROVED BY THE CITY.
INSPECTION AND MAINTENANCE GUIDELINES:
- THE ENTRANCE SHOULD BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS EXAMINE AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY SHOULD BE REMOVED IMMEDIATELY BY CONTRACTOR.
- WHEN NECESSARY, WHEELS SHOULD BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAYS.
- WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
- ALL SEDIMENT SHOULD BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATER COURSE BY USING APPROVED METHODS.

	CITY OF HUTTO		DRAWING NO. E83C06
	CONSTRUCTION STANDARDS AND DETAILS		UPDATER: 08/01/2019
	STABILIZED CONSTRUCTION ENTRANCE		DRAWN BY: BH
	ENGINEERING & PUBLIC WORKS		SCALE: N.T.S.
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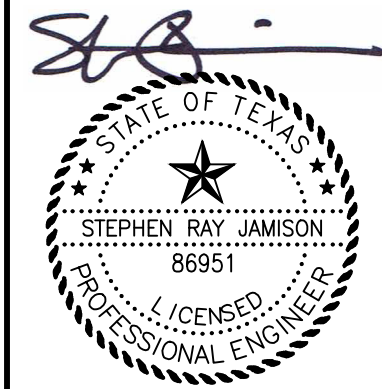
NOTES:
1. SET LENGTH AND WIDTH AS NECESSARY TO PROVIDE ADEQUATE SPACE FOR WASHOUT ACTIVITIES.
2. IF RESTRICTED BY DEPTH DUE TO BELOW GRADE APPOINTMENTS, PLACE EARTHEN BERMS AT GRADE.
3. USE EXCAVATED MATERIAL TO CREATE EARTHEN BERMS SURROUNDING THE AREA TO BE DESIGNATED AS A CONCRETE WASHOUT.
4. PLACE 10ML OR GREATER PLASTIC SHEETING.
5. SECURE SHEETING ON OUTSIDE OF BERM AREA USING SAND BAGS OR ROCK EQUIVALENT.

	CITY OF HUTTO		DRAWING NO. E83C09
	CONSTRUCTION STANDARDS AND DETAILS		UPDATER: 08/01/2019
	CONCRETE WASHOUT		DRAWN BY: BH
	ENGINEERING & PUBLIC WORKS		SCALE: N.T.S.
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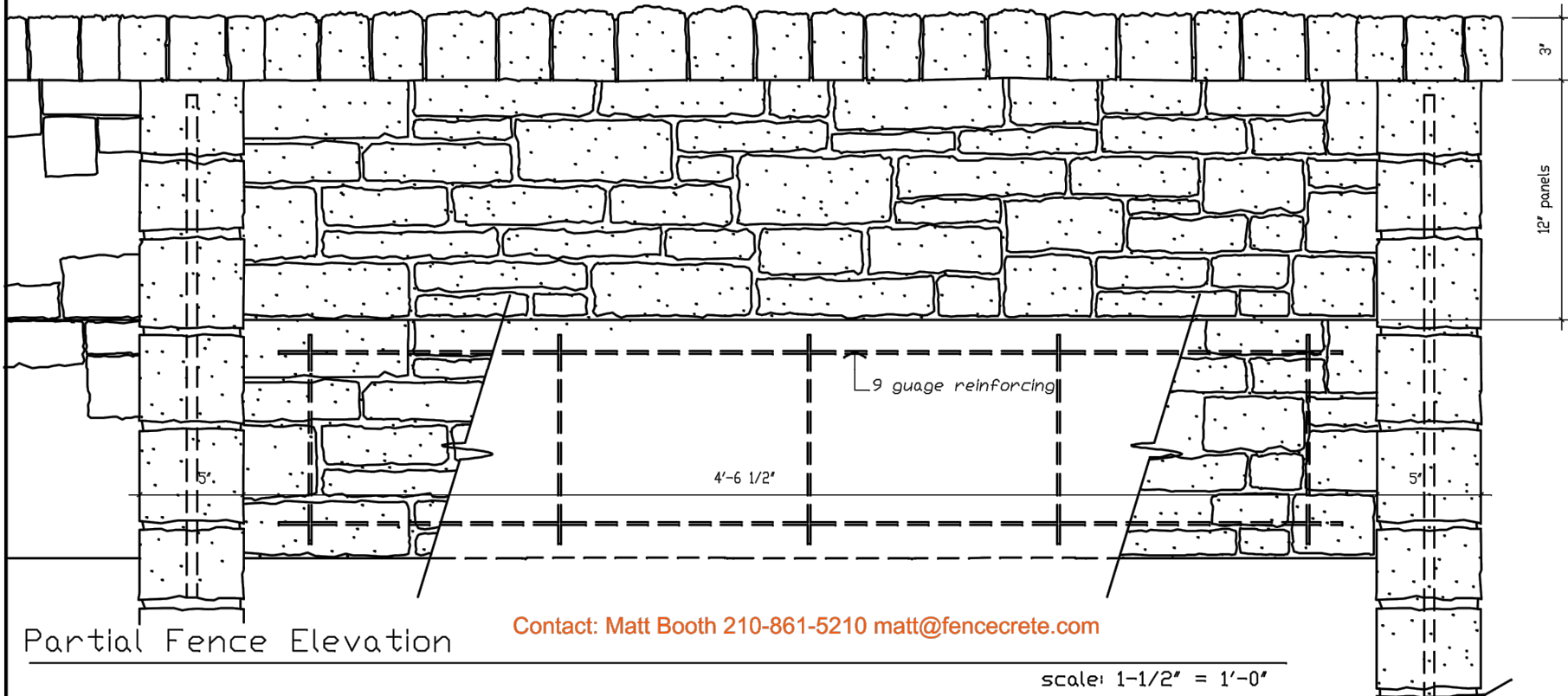


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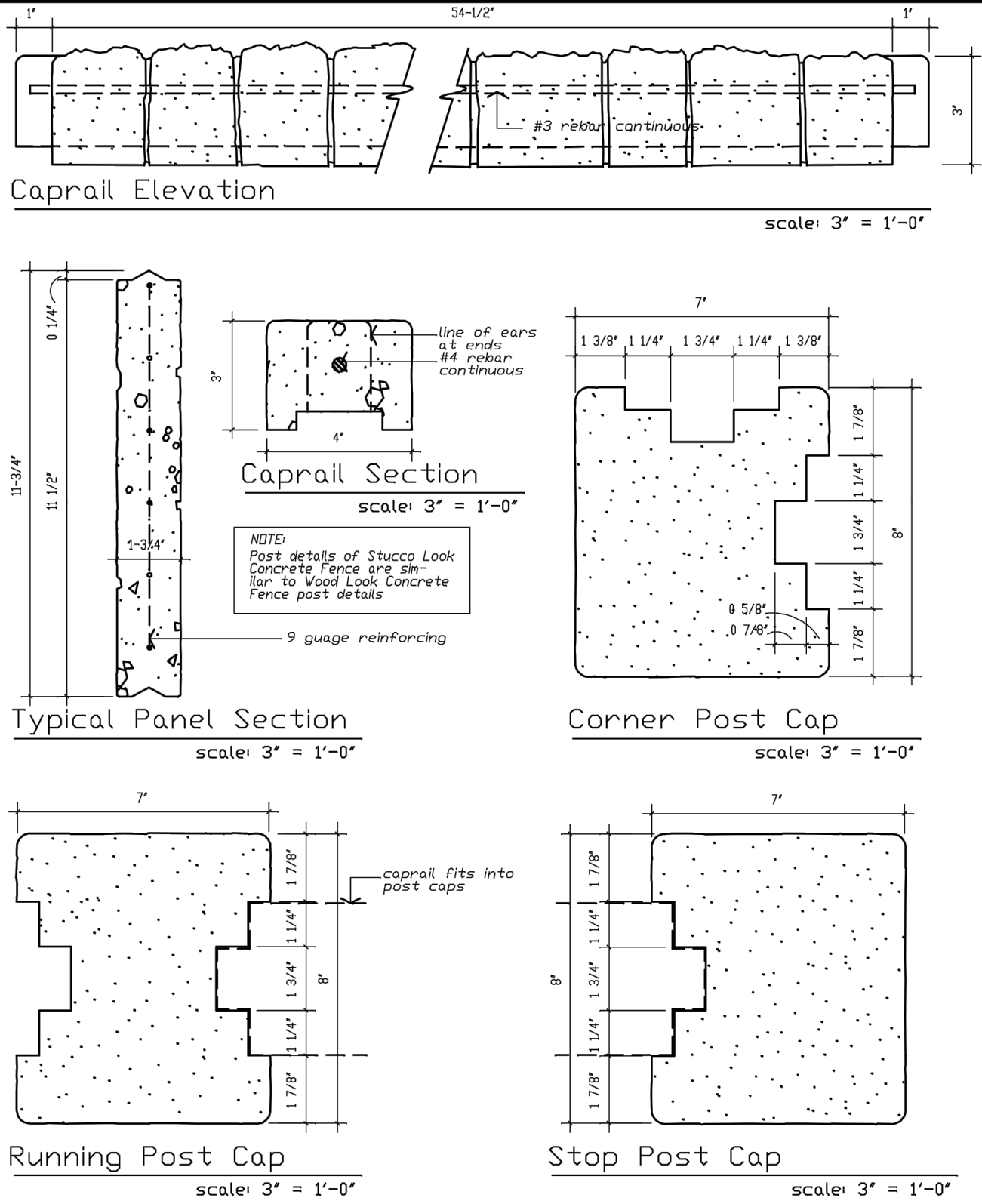


Contact: Matt Booth 210-861-5210 matt@fencecrete.com



Rock Look Concrete Fence

Footing 18" diameter, 24" deep
3000 p.s.i. concrete, varies
according to local soil conditions



notes:
The column height can be from 0 to a maximum of 10'-0" - with 8'-0" above grade.
All concrete shall be 3000 p.s.i.
All reinforcement shall be ASTM 615 grade 60. Special reinforcement is available upon special order.
Footing - 2 feet deep footing standard per column, 12" - 18" diameter. Depth and diameter can vary per local soil conditions.
Texture: All exposed sides have rock-like texture.
Gates: Shall have additional steel supports adjacent to concrete columns.
All steel reinforcement is prewelded with steel spacers so as to allow for maximum concrete coverage.
A special silicone sealant is used to lock the caprail and post caps in place. This sealant requires special tools for removal.

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Fencecrete America, Limited



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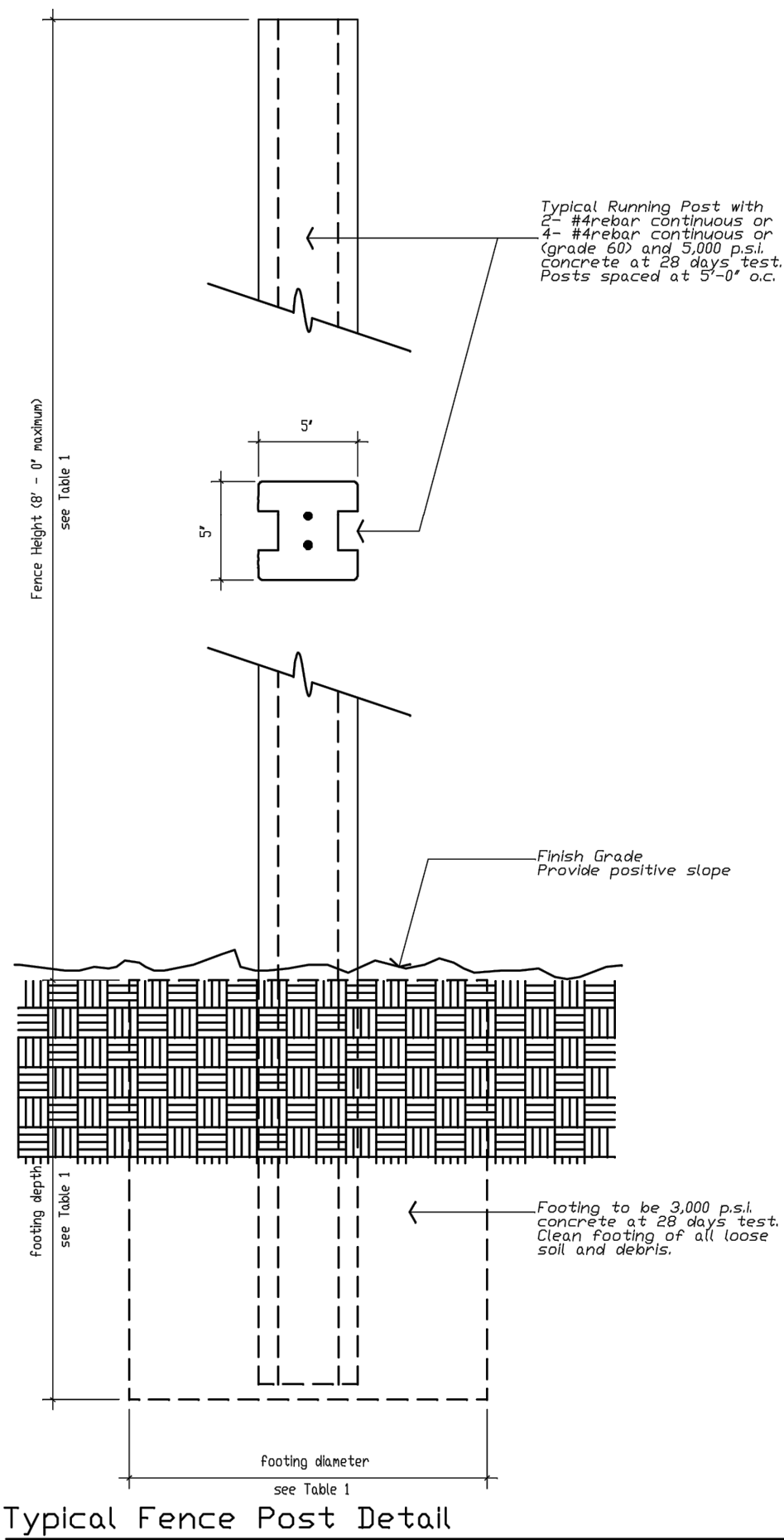
Contact Matt Booth 210-861-5210 matt@fencecrete.com

Structural Table One

Fence Post Embedment Depths and Footing Diameters for Lateral Load of 15.5 psf
and Fence Posts Spaced at 5' - 0" o.c. (see detail)

FENCE HEIGHT (Ft.)	FIRM TO STIFF CLAY 0.5 KSF < C < 1.0 KSF		VERY STIFF TO HARD CLAY C > 1.0 KSF		LOOSE SAND 20' < q < 32'		DENSE SAND q > 32'	
	FOOTING DEPTH (Ft.)	FOOTING DIAMETER (in)	FOOTING DEPTH (Ft.)	FOOTING DIAMETER (in)	FOOTING DEPTH (Ft.)	FOOTING DIAMETER (in)	FOOTING DEPTH (Ft.)	FOOTING DIAMETER (in)
4	2.0	12	2.0	12	3.0	12	2.5	12
5	2.0	12	2.0	12	3.5	18	3.5	12
6	2.5	12	2.0	12	4.0	18	3.5	18
7	3.0	18	3.0	12	4.5	18	4.0	18
8	3.5	18	3.0	18	4.5	18	4.0	18

Typical Fence Post Detail
with Structural Table One



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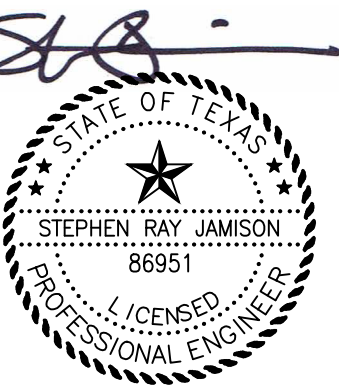
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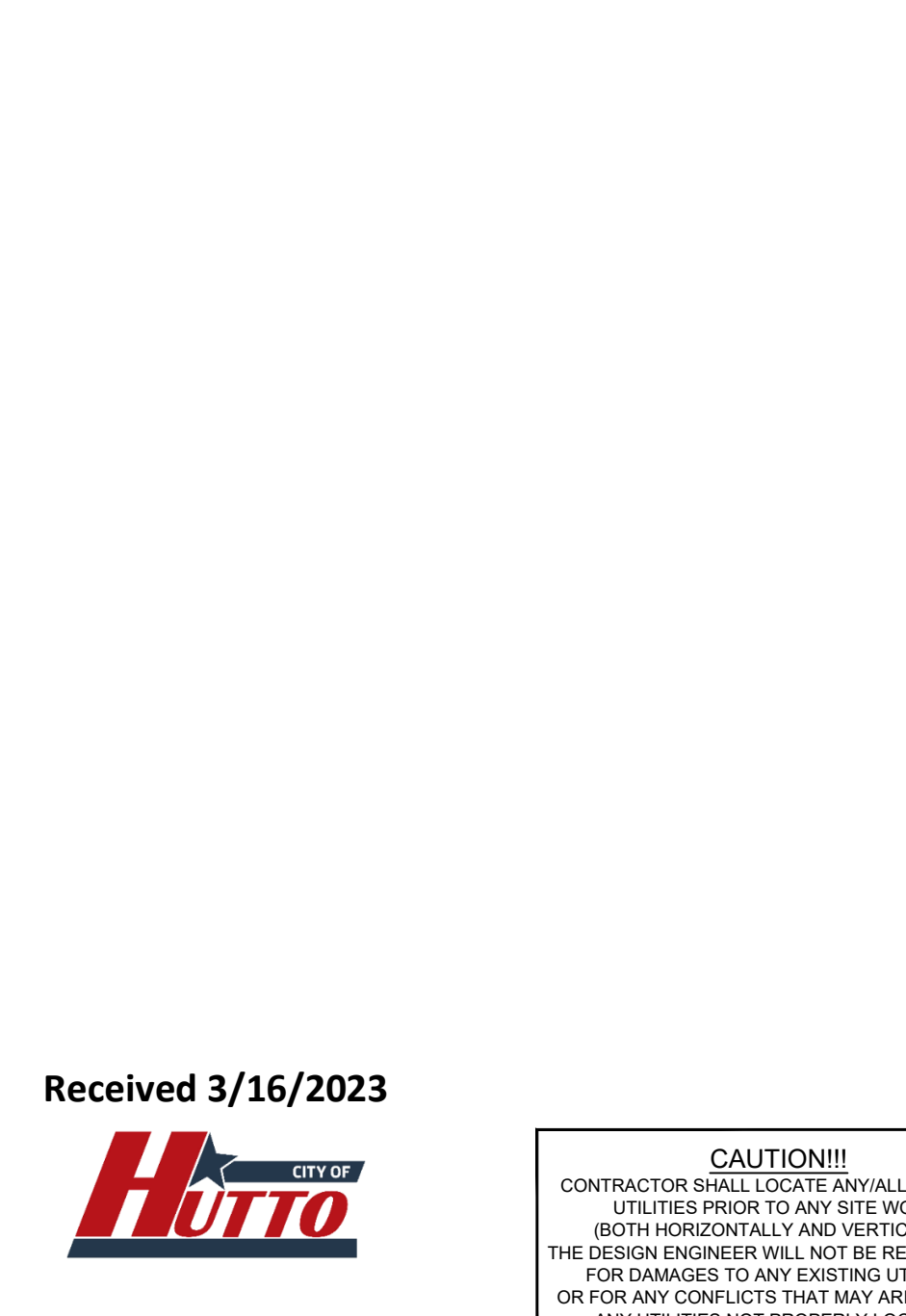
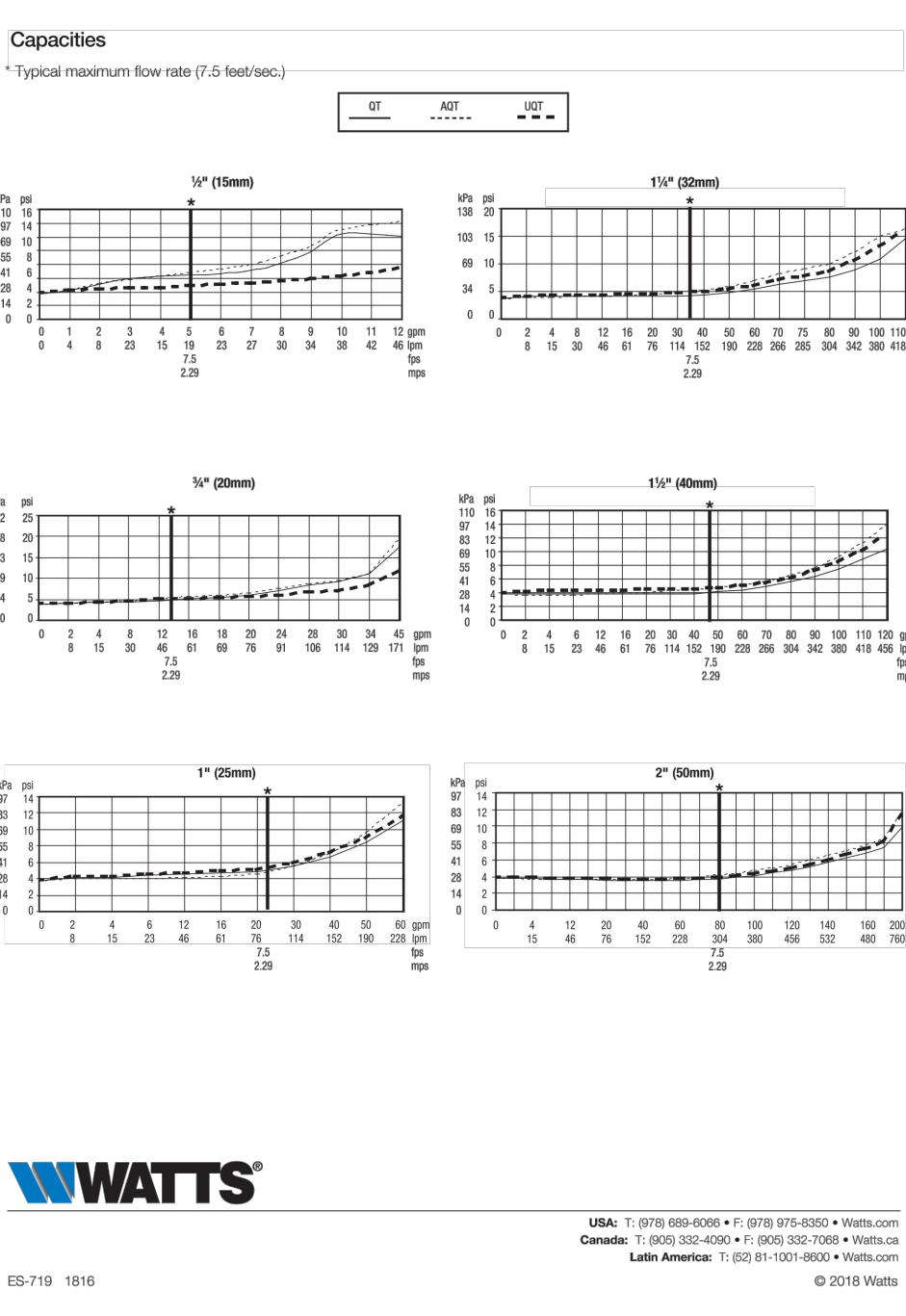
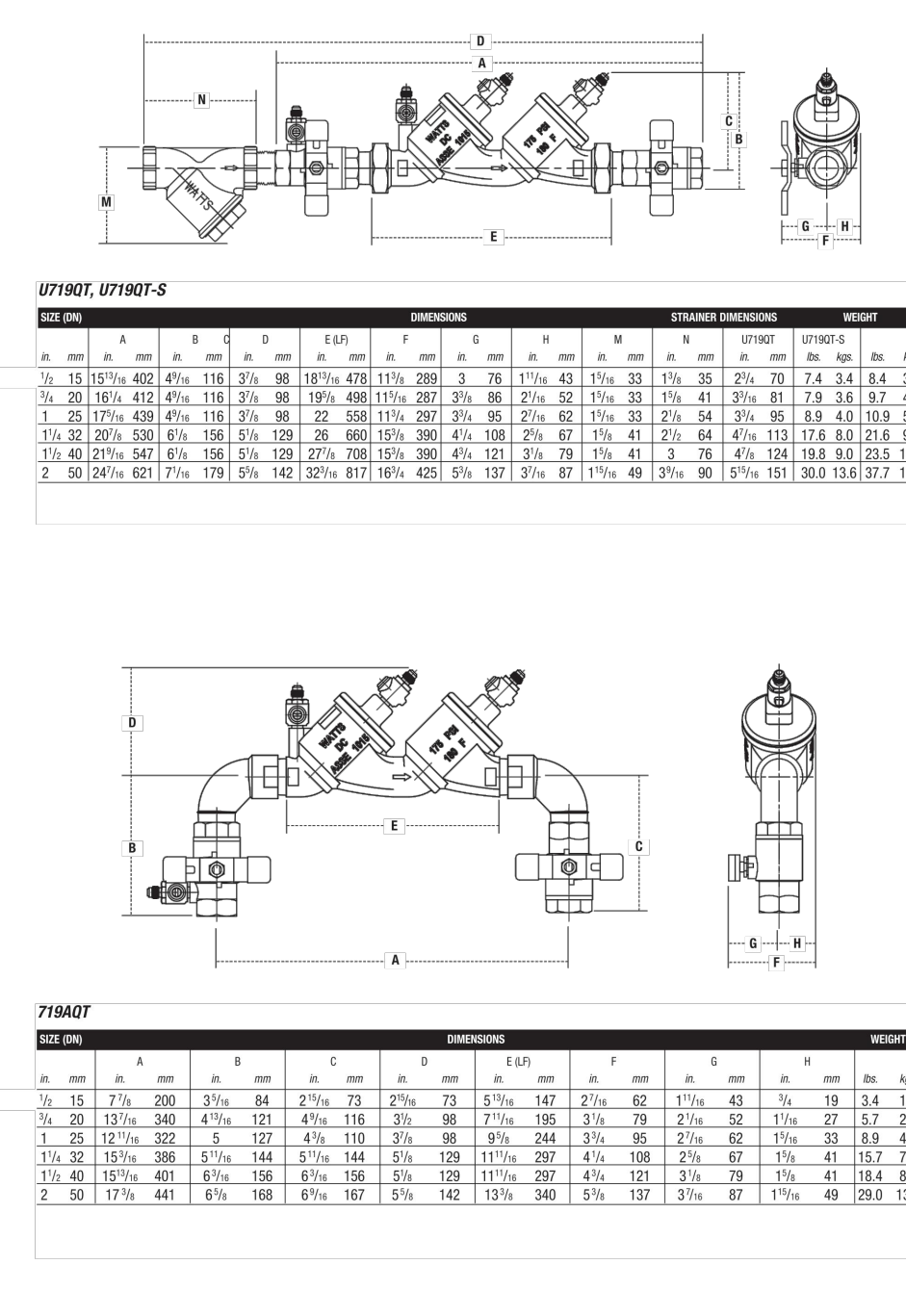
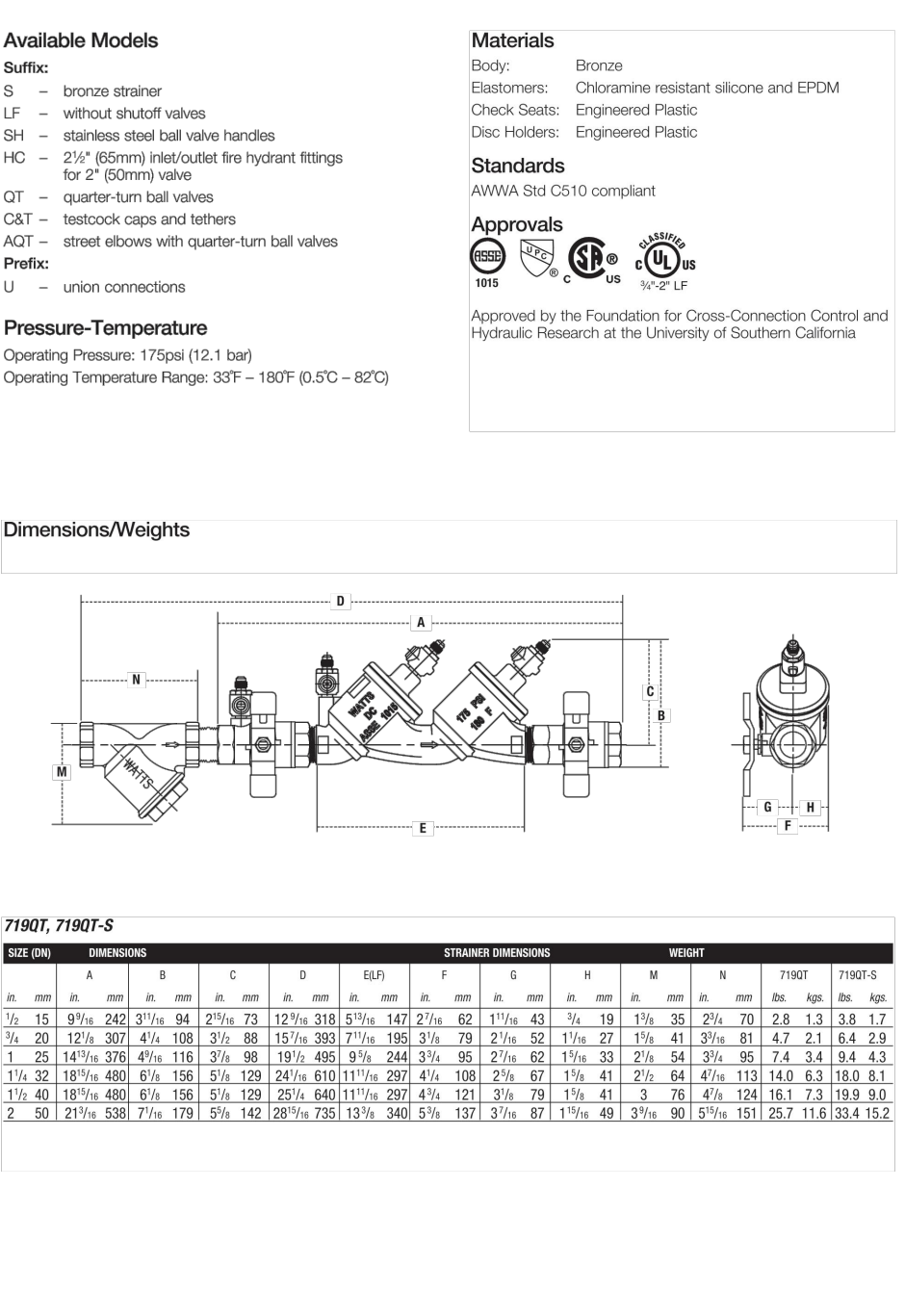
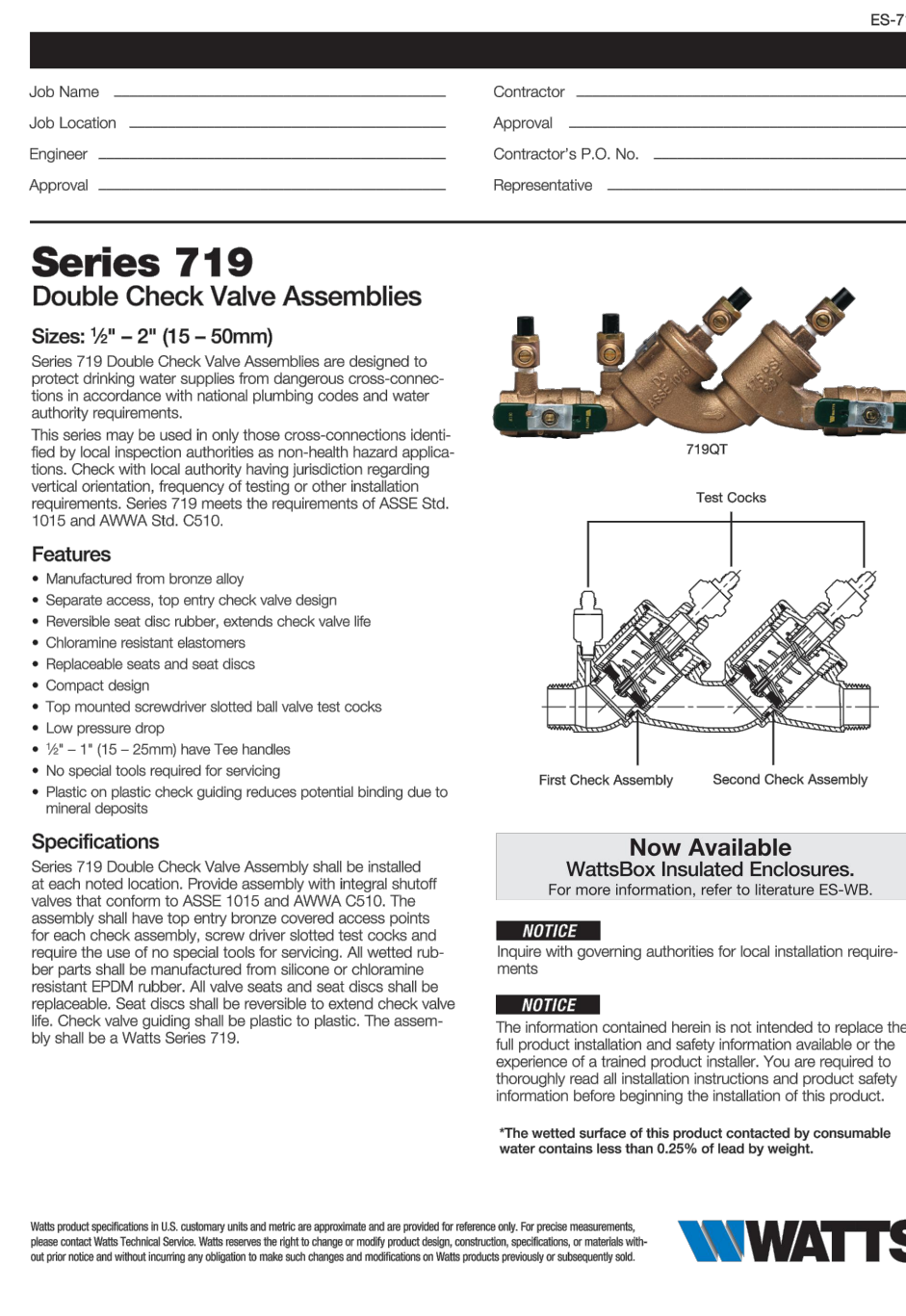
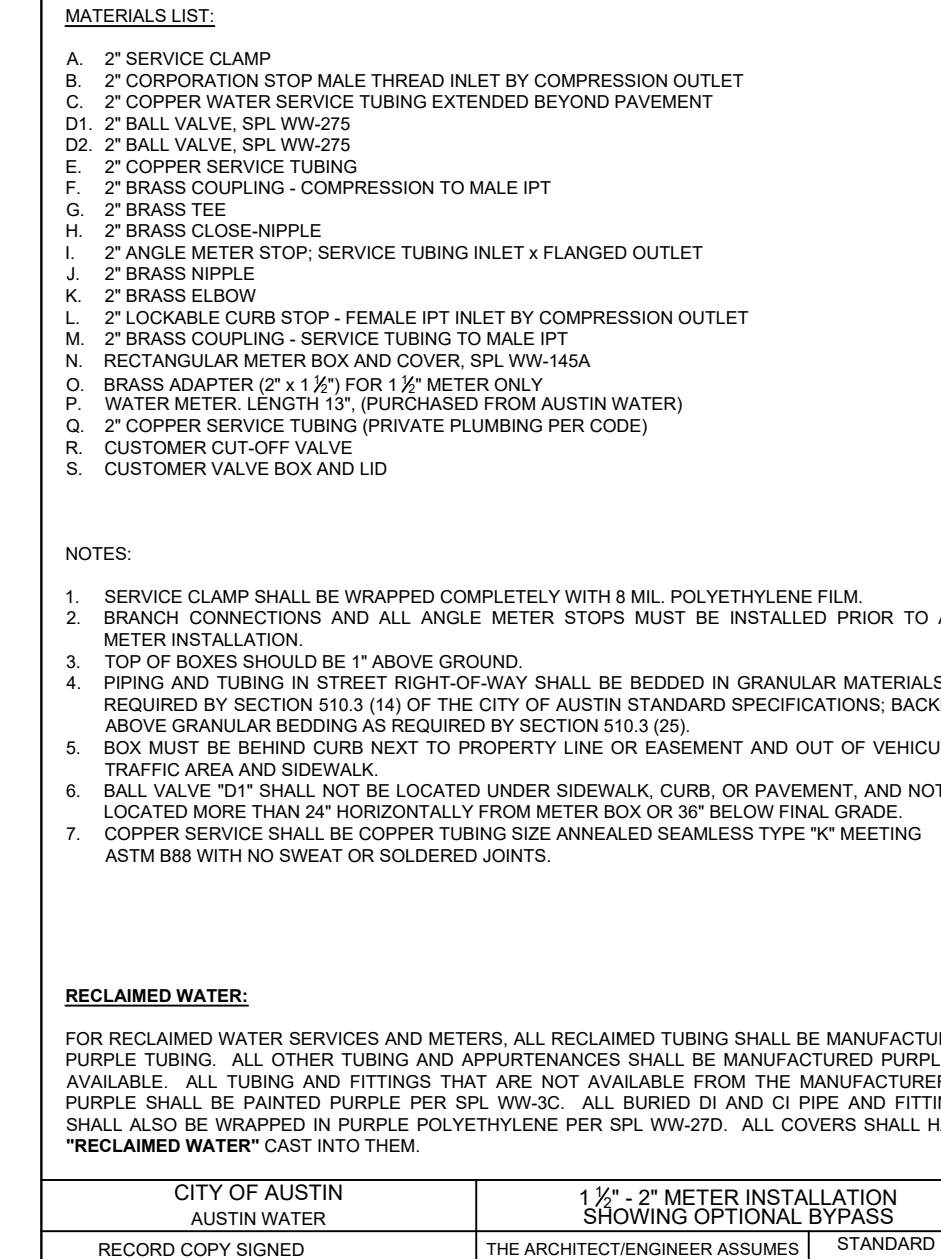
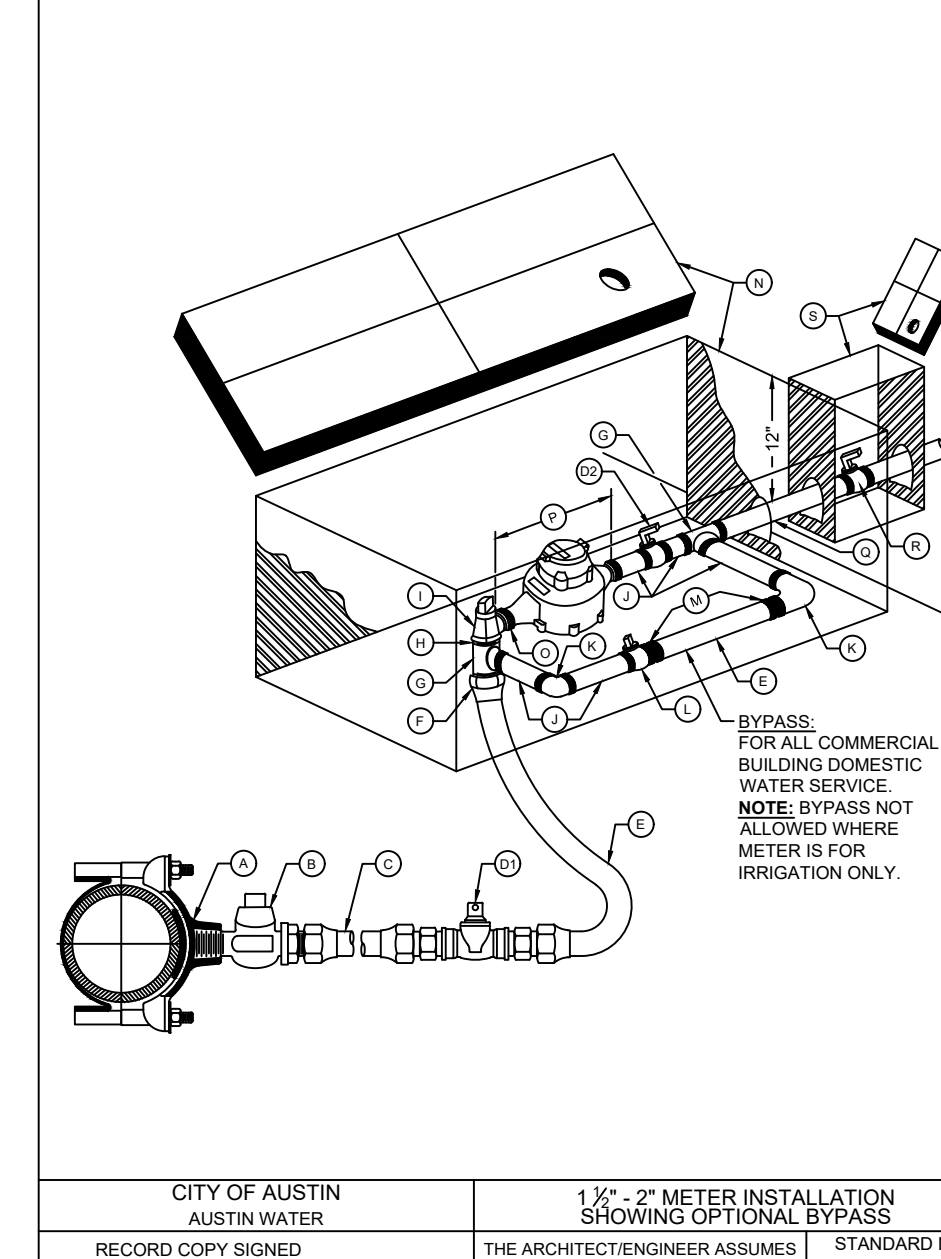
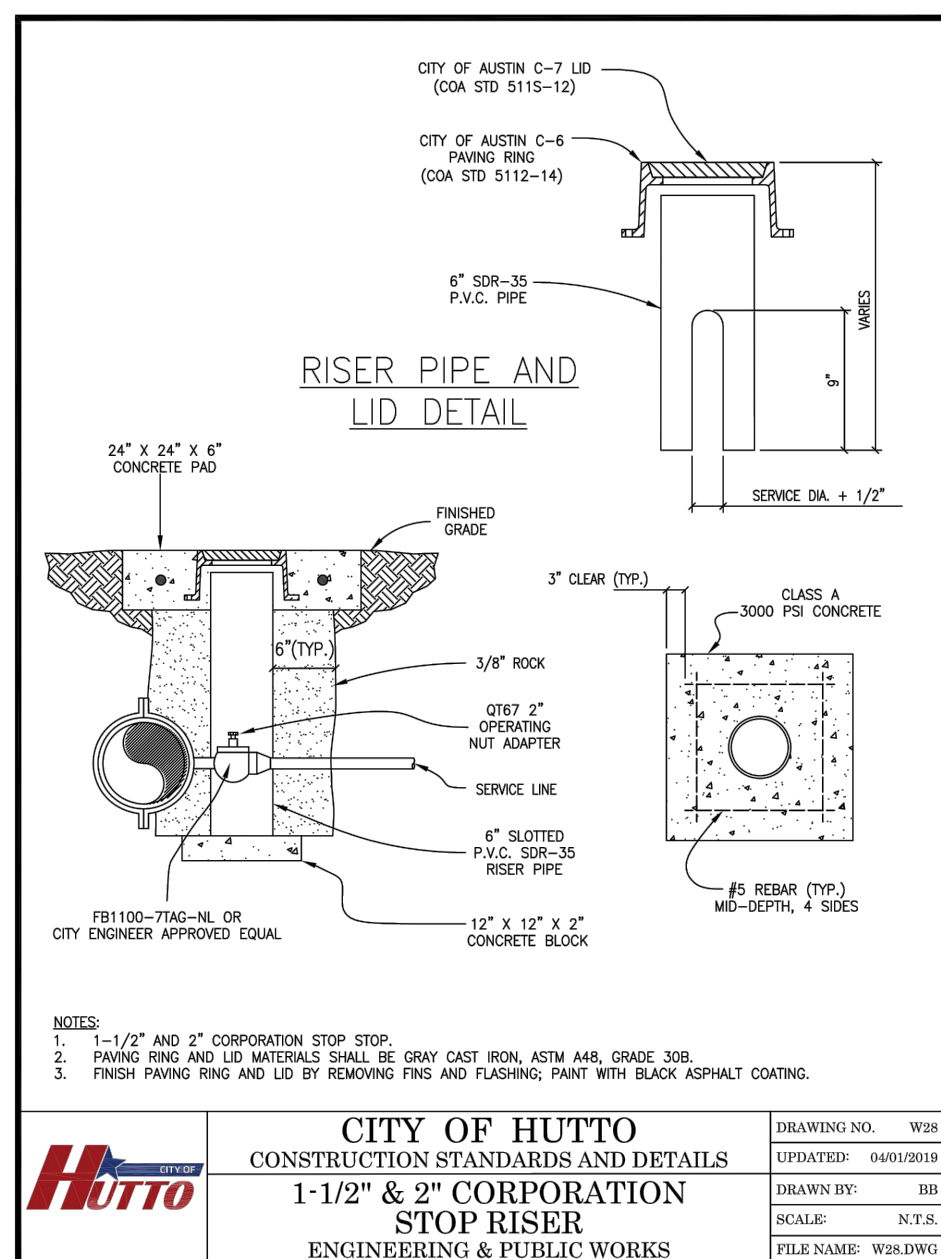
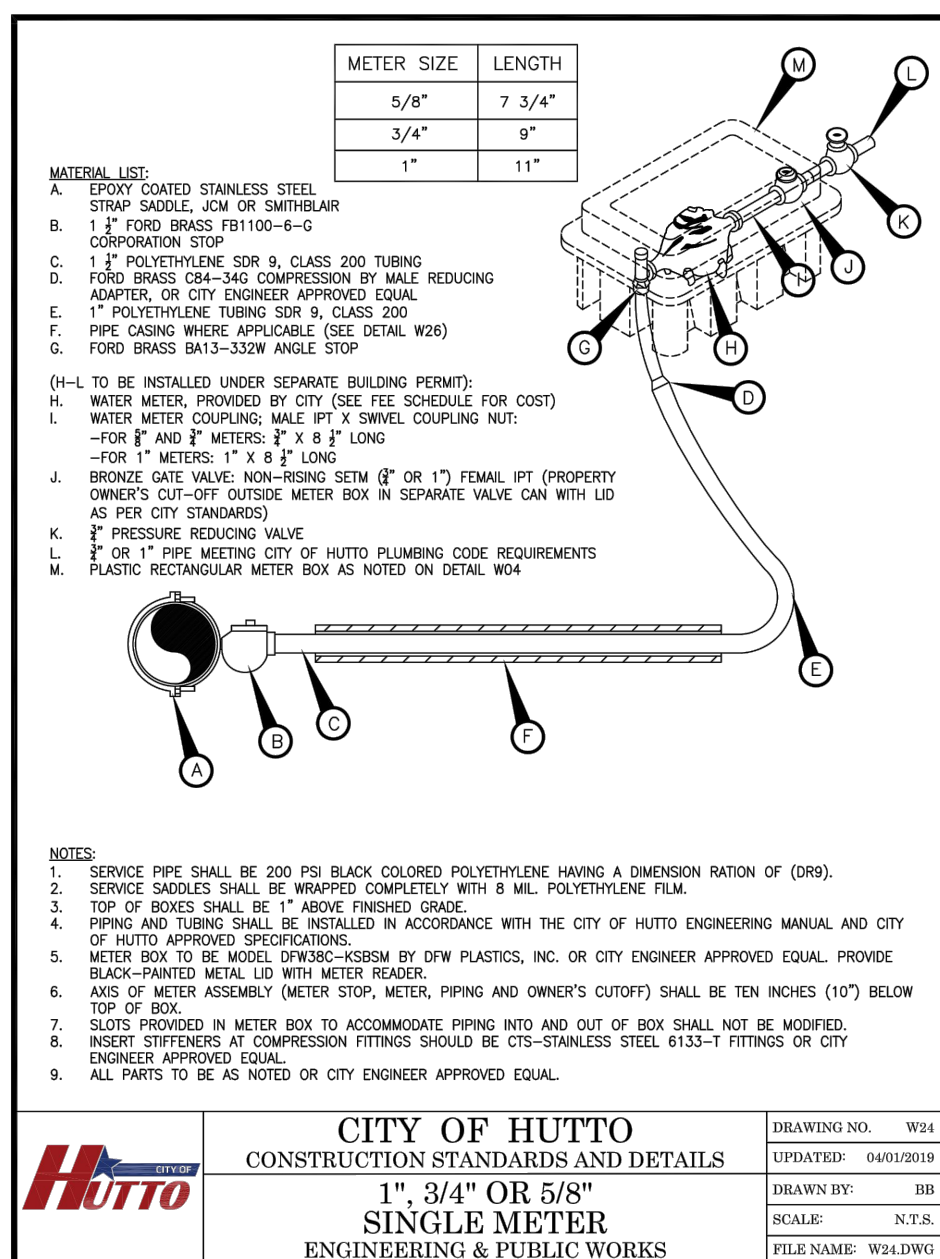
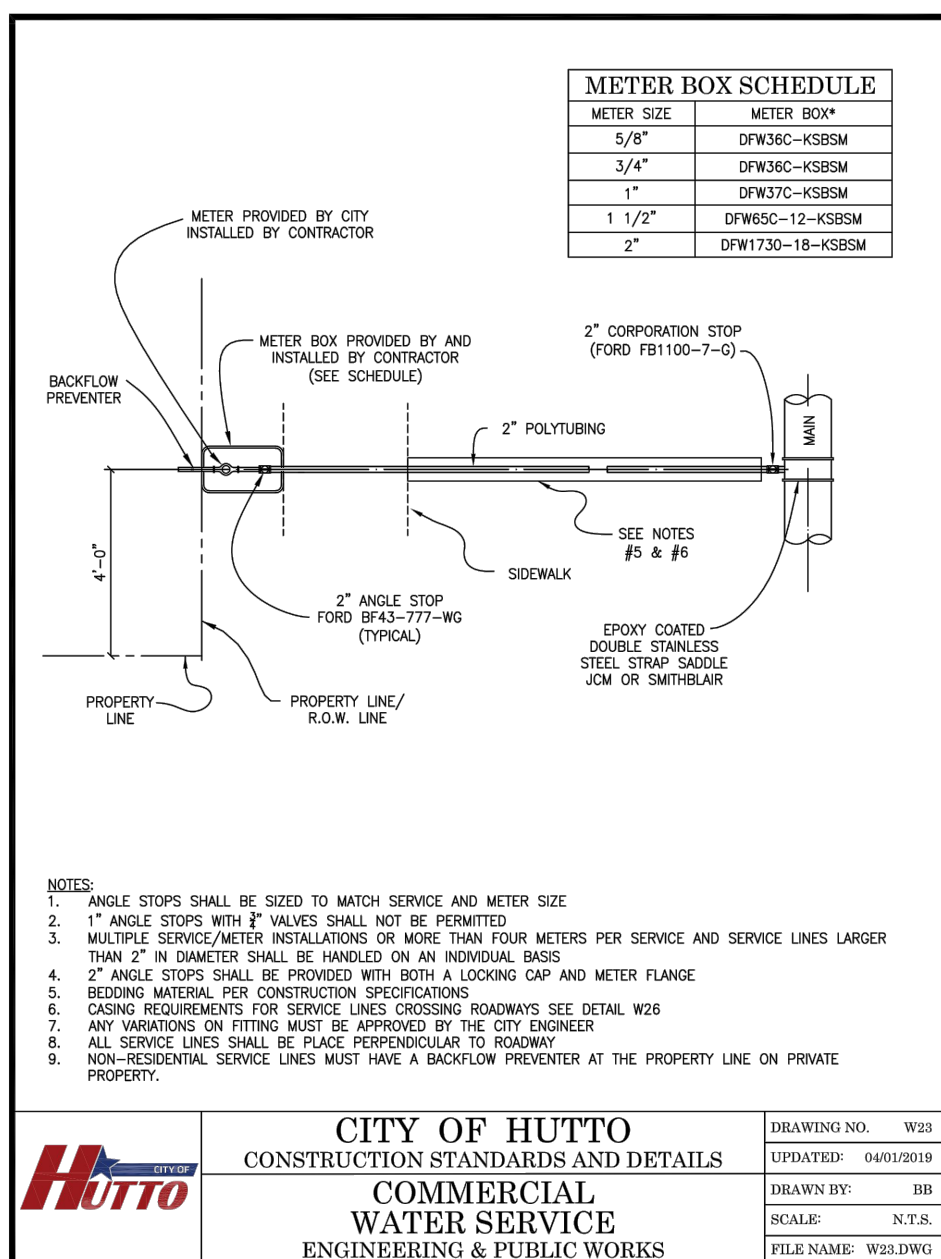
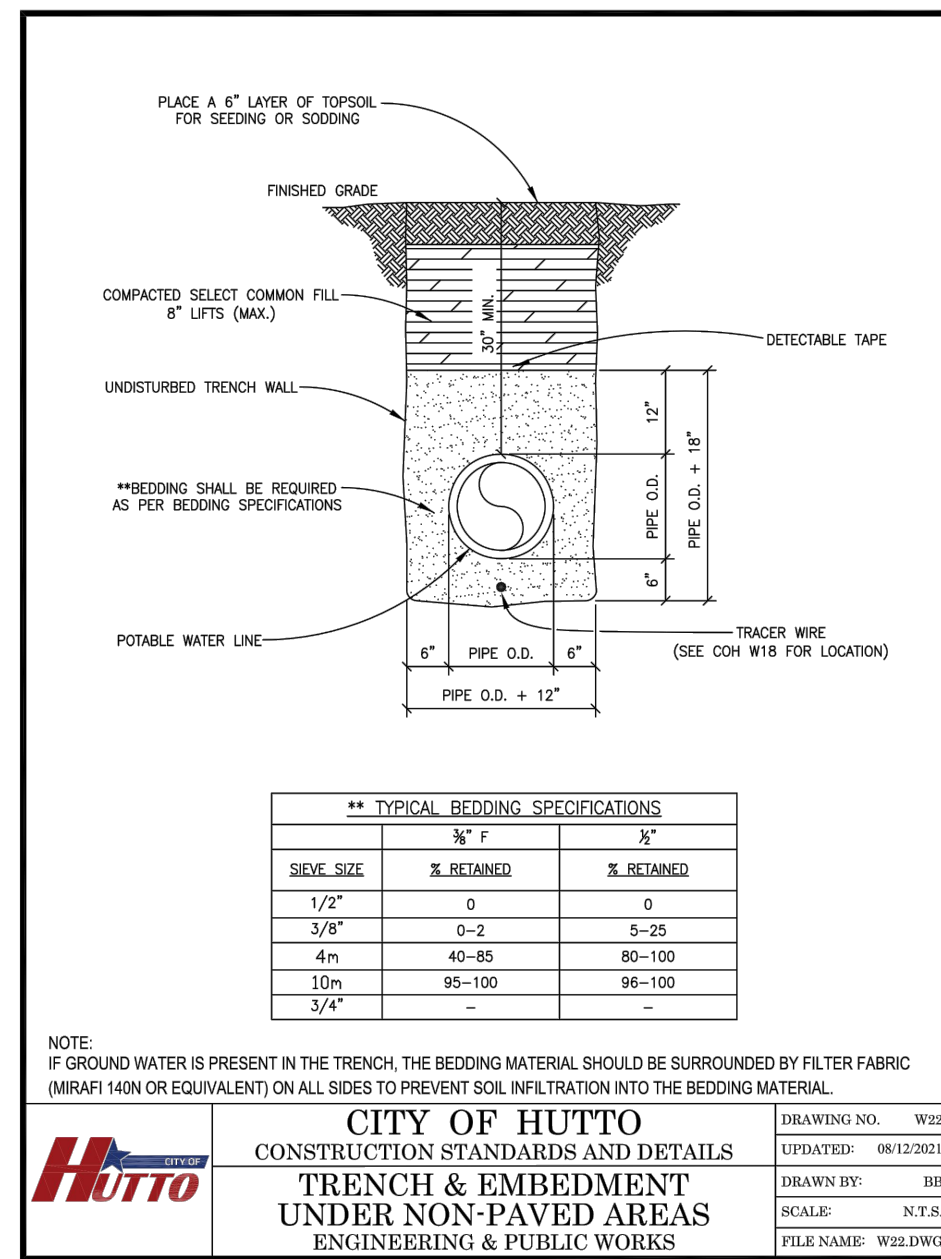
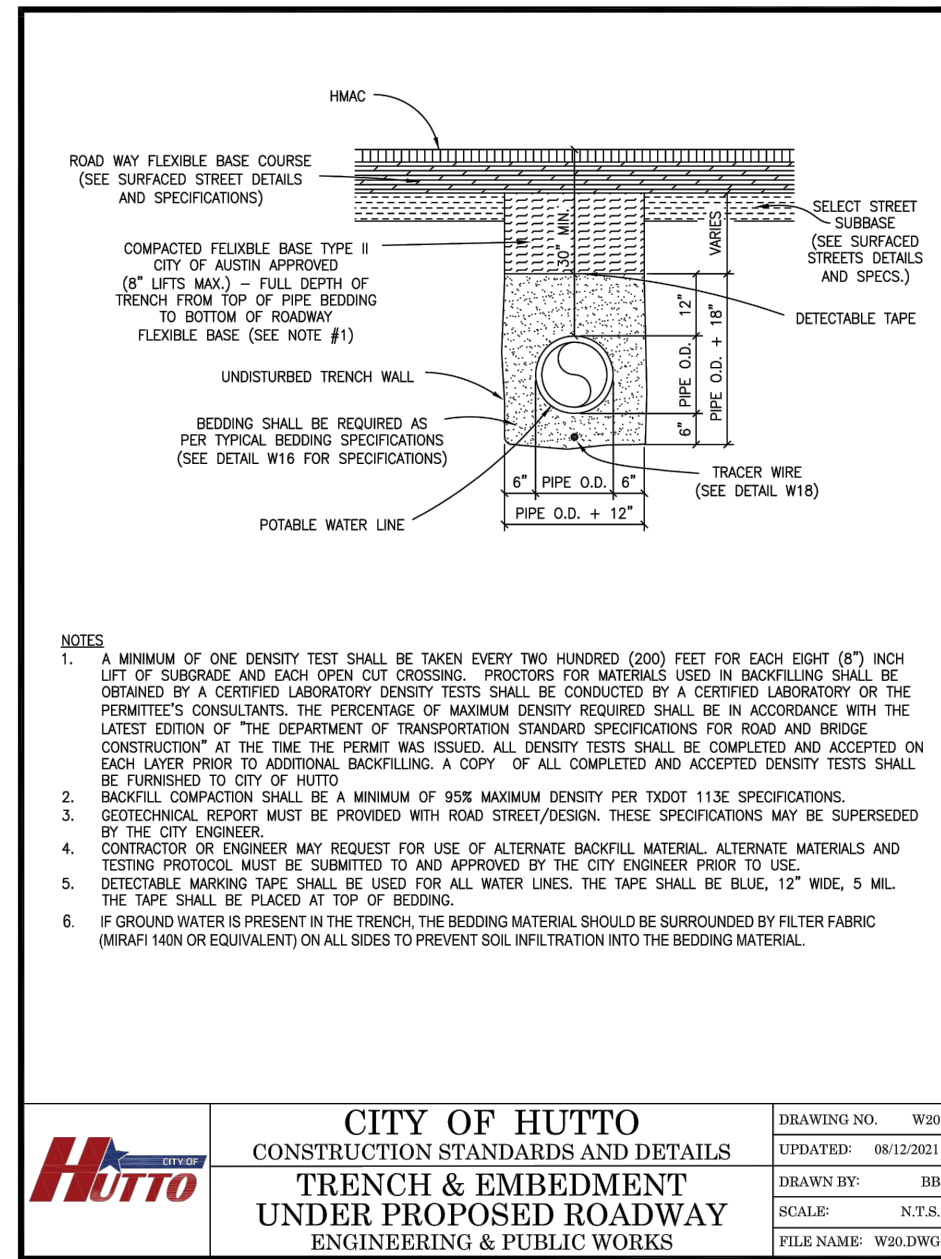
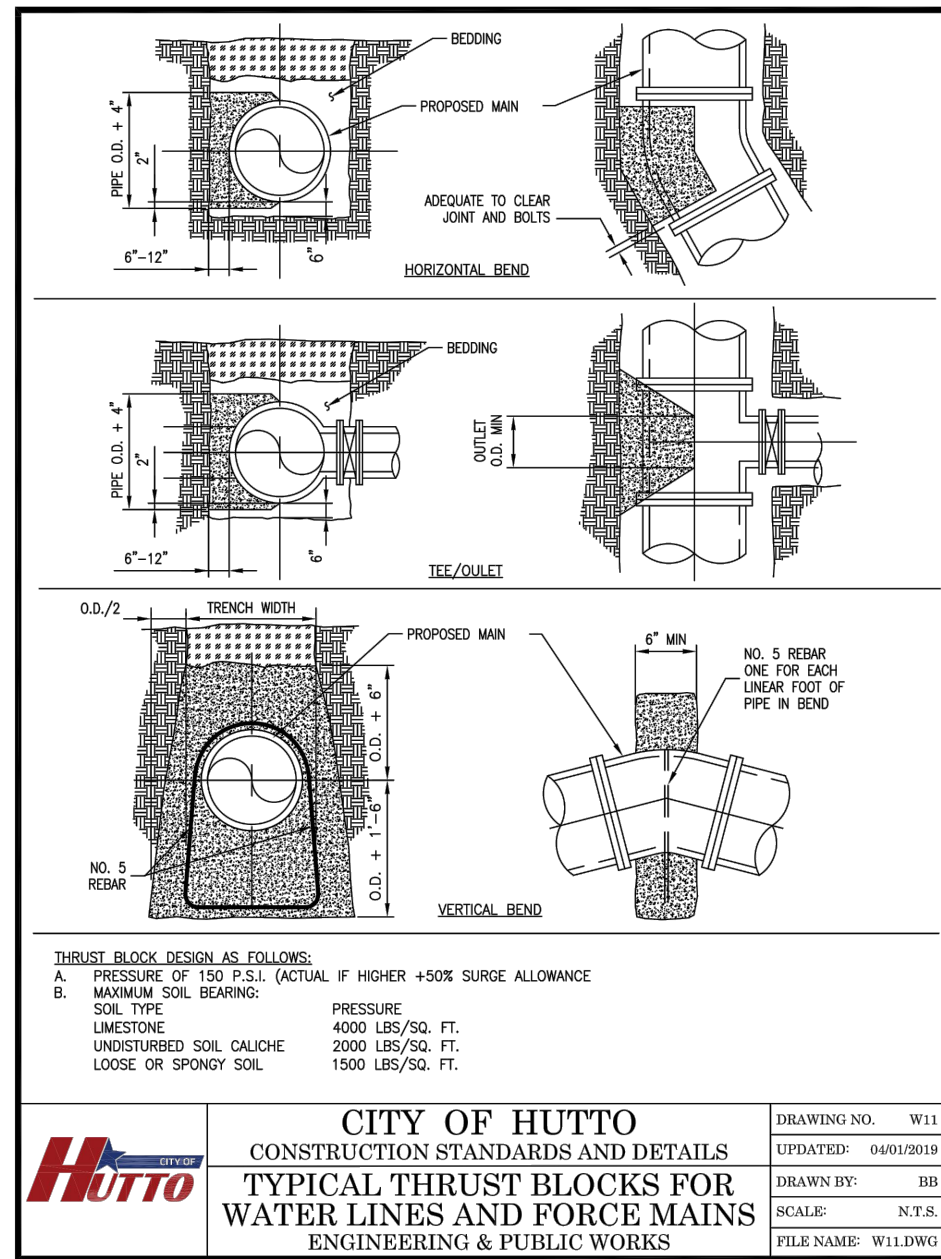
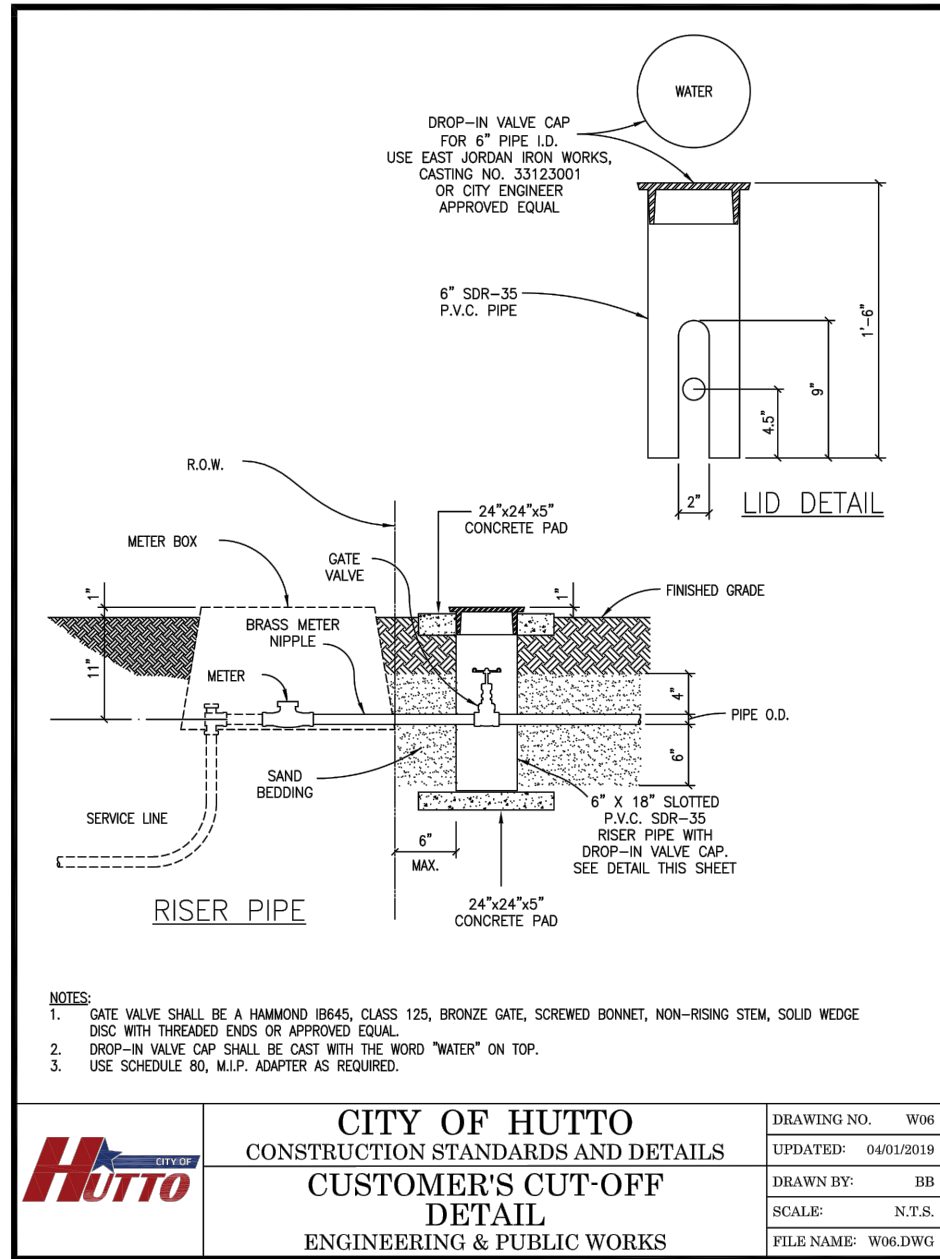
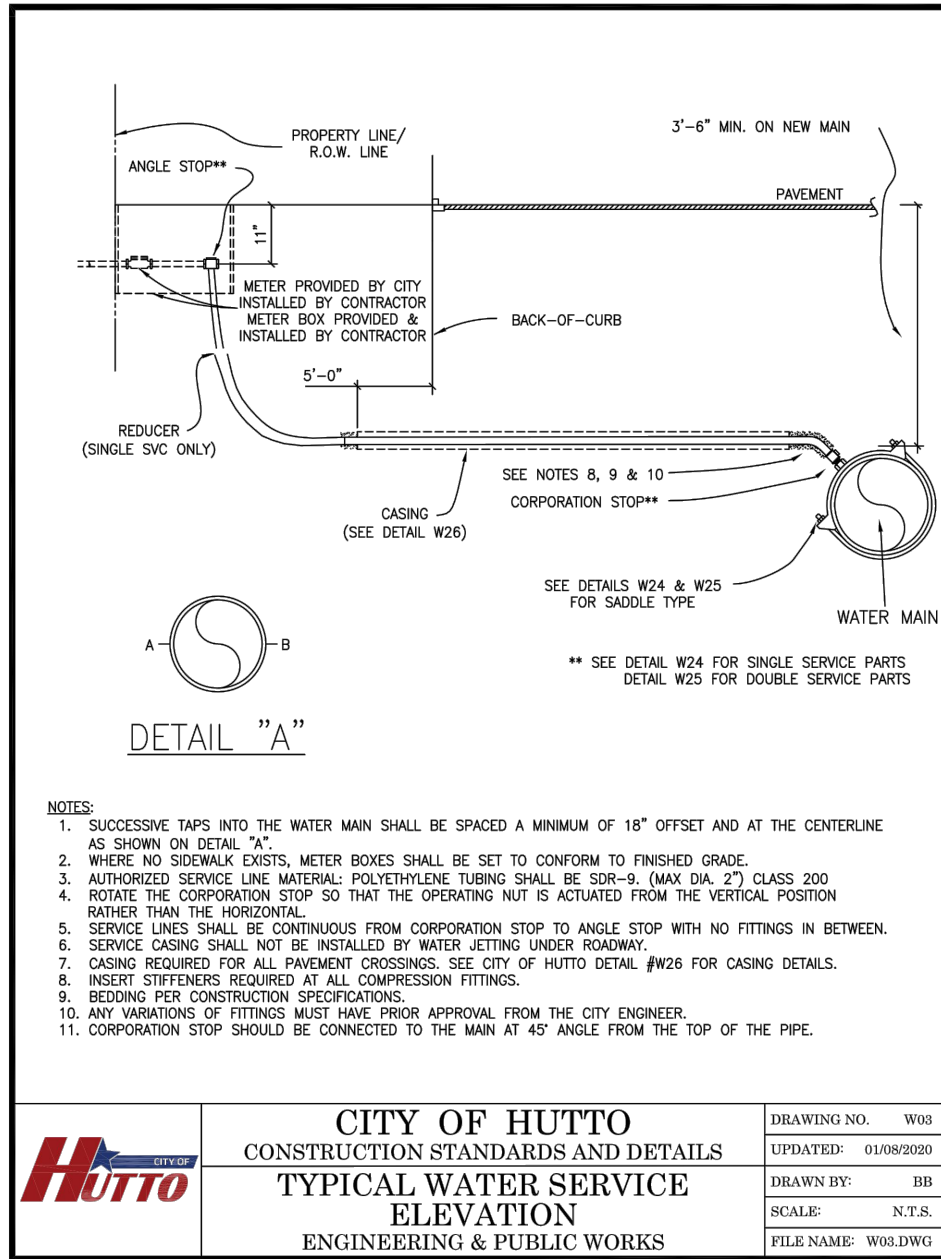


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Drawn By:	MM	Revision 1:	
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Revision 4:			

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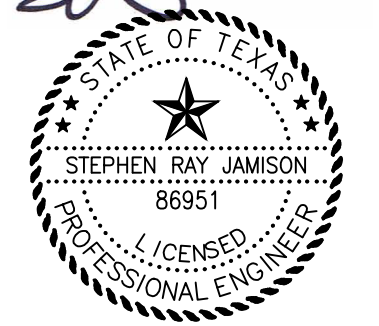
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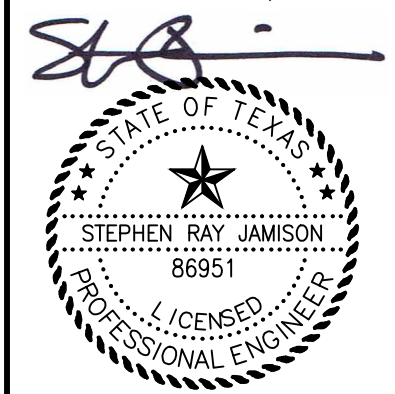
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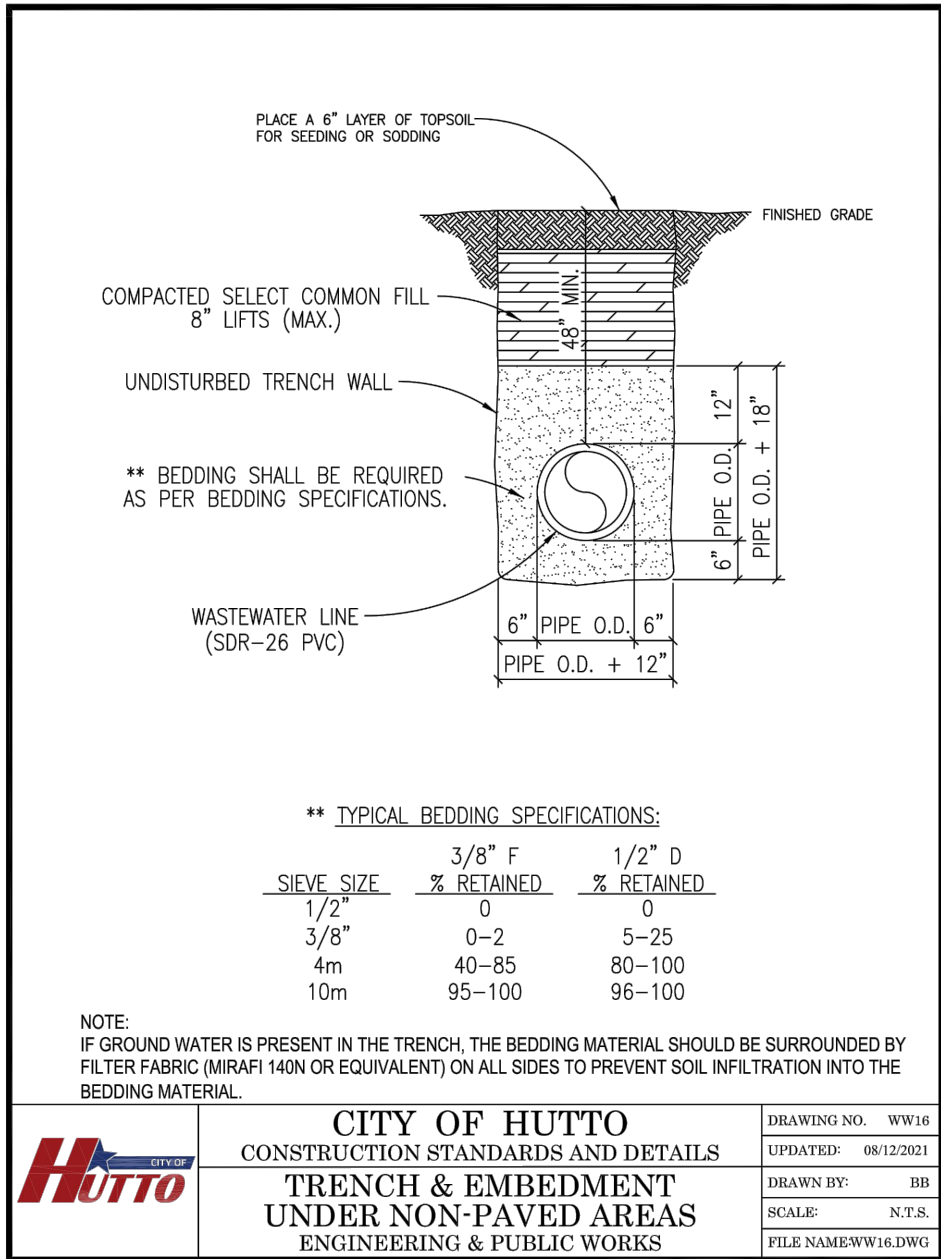
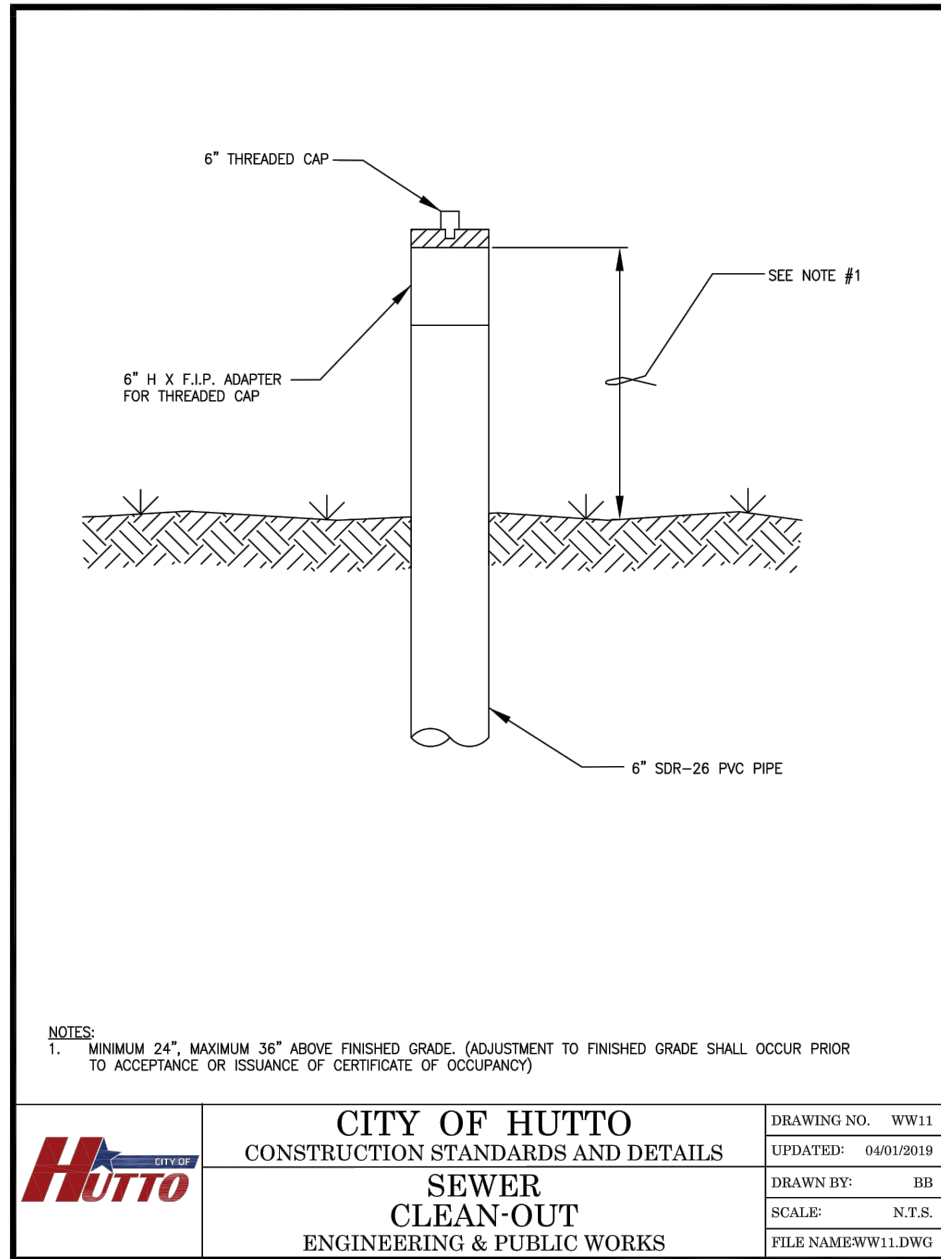
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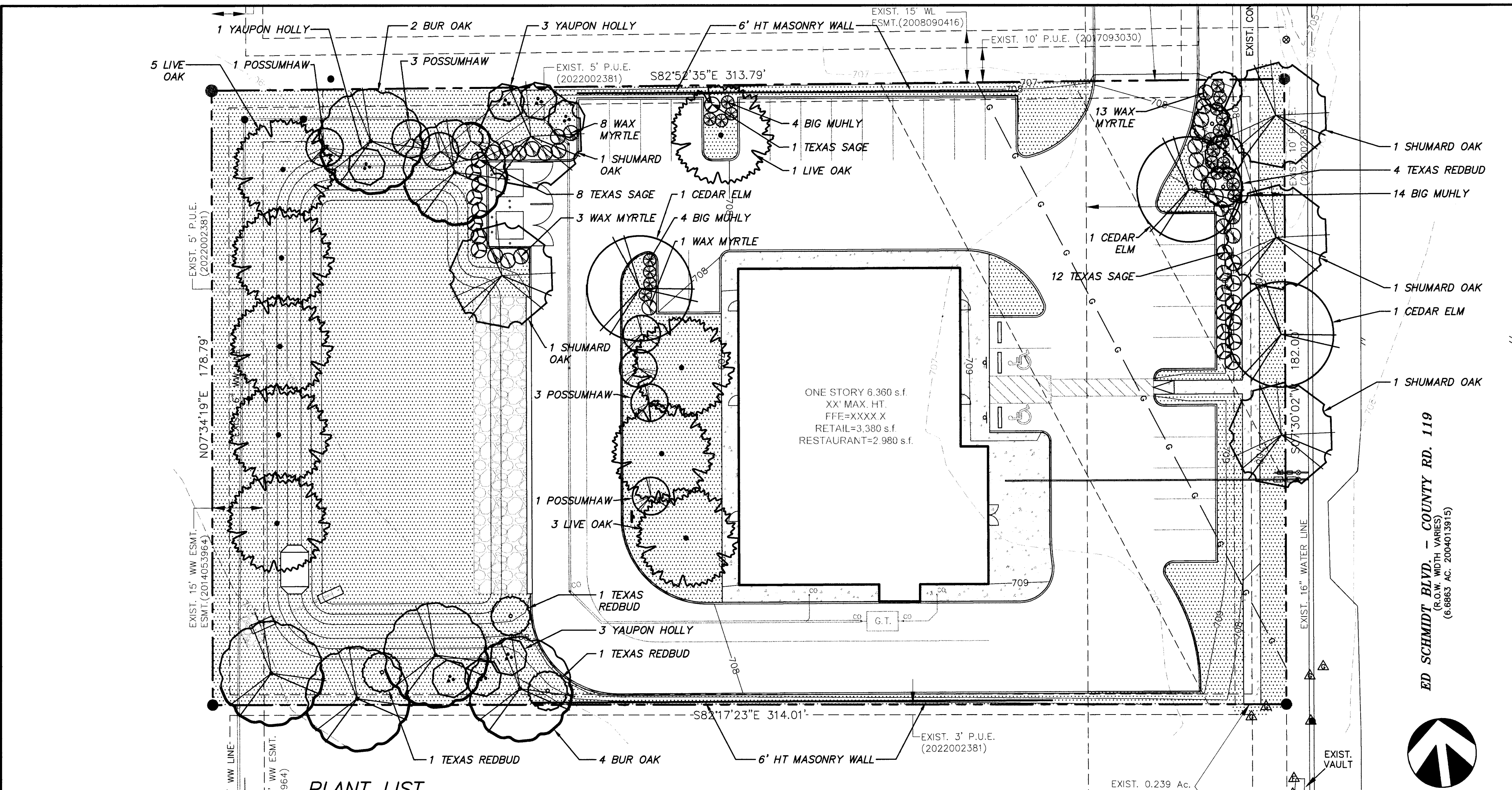


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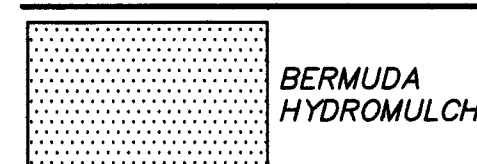




PLANT LIST

QUANTITY	DESCRIPTION	QUANTITY	DESCRIPTION
21,651	COMMON BERMUDAGRASS - Cynodon dactylon	7	YAUPOH HOLLY - Ilex vomitoria "Pride of Houston"
sq. ft.	Hydromulch (Refer to Turf Application Notes)	2" cal. 30 gal., 6' ht., 3' sprd., dark green, full	
21,651	ANNUAL RYE - Lolium spp.	6	BUR OAK - Quercus macrocarpa
sq. ft.	(Refer to Turf Application Notes)	3" cal., 45 gal., container, 11'-12' ht., 4' sprd., dark green, full, single straight trunk	
21	TEXAS SAGE - Leucophyllum frutescens "Green Cloud"	4	SHUMARD OAK - Quercus shumardii
5 gal., 4' o.c., 24" ht., 18" sprd., dark green, full		3" cal., 65 gal., container, 11'-12' ht., 4' sprd., dark green, full, single straight trunk	
22	BIG MUHLY - Muhlenbergia lindheimeri	9	LIVE OAK - Quercus virginiana
5 gal., 3.5' o.c., 24" ht., 18" sprd., dark green, full		3" cal., 45 gal., container, 10'-11' ht., 5' sprd., dark green, full, single straight trunk	
25	WAX MYRTLE - Myrica cerifera	3	CEDAR ELM - Ulmus crassifolia
5 gal., 4' o.c., 18" ht., 12" sprd., dark green, full		3" cal., B & B, 12'-13' ht., 4' sprd., dark green, full, single straight trunk	
5	TEXAS REDBUD - Cercis canadensis var. texensis		
2" cal., 30 gal., 6' ht., 3' sprd., dark green, full, multi-trunk w/minimum 3/4" cane diameter			
8	POSSUMHAW HOLLY - Ilex decidua		
2" cal., 30 gal., container, 6' ht., 3' sprd., dark green, full, multi-trunk w/minimum 3/4" cane diameter			

TURF LEGEND



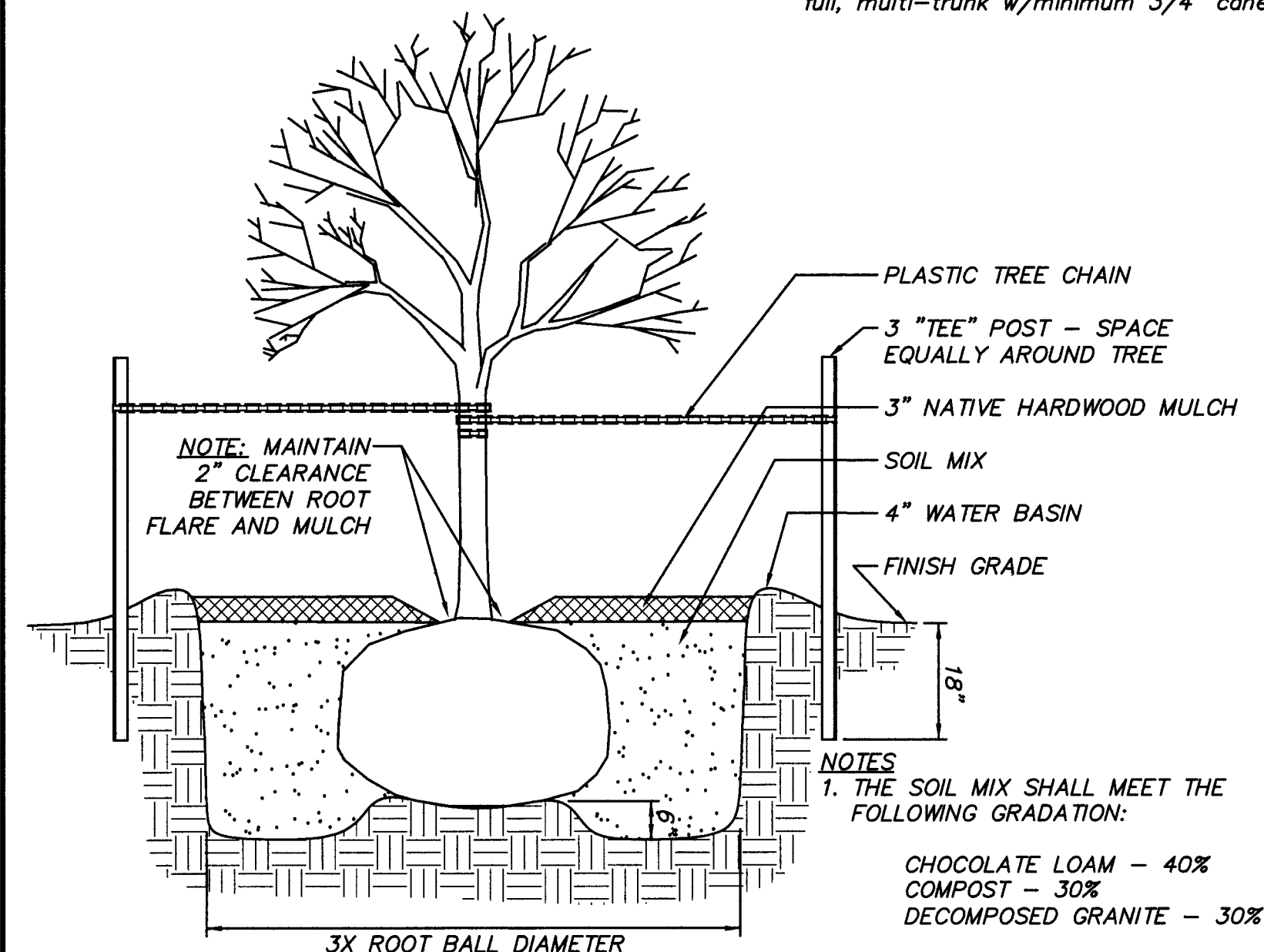
LANDSCAPE CALCULATIONS

LANDSCAPE AREA
Developed area = 56,624.4 s.f.
Required landscape area = 8,493.7 s.f. (15%)
Provided landscape area = 15,631.2 s.f.*
*Does not include detention basin area

TREE & SHRUB PLANTING
Required Landscape area = 8,493.7 s.f.
Required trees = 34 (8,493.7/500 x 2) 34 trees provided (23 shade & 22 ornamental)
Required shrubs = 68 (8,493.7/500 x 4) 68 shrubs provided

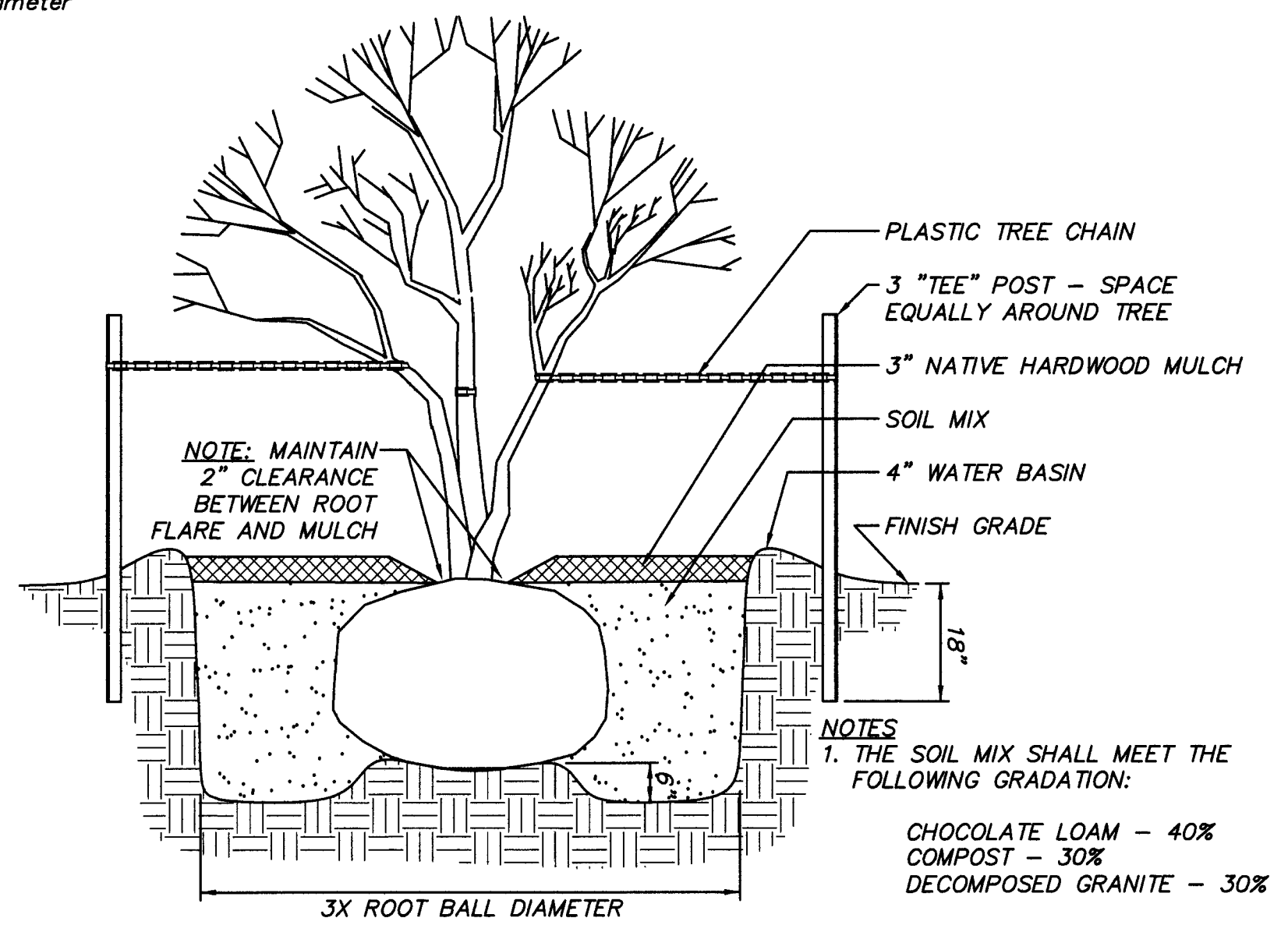
VEHICULAR USE FRONTAGE PLANTING
Frontage = 118'
Required trees = 4 (118/30) 4 trees provided
*Does not include frontage within gas pipeline easement

PARKING AREA
Parking area = 12,101.5 s.f.
Required landscape area = 847.11 s.f. (7%)
Provided landscape area = 1,369.4 s.f.



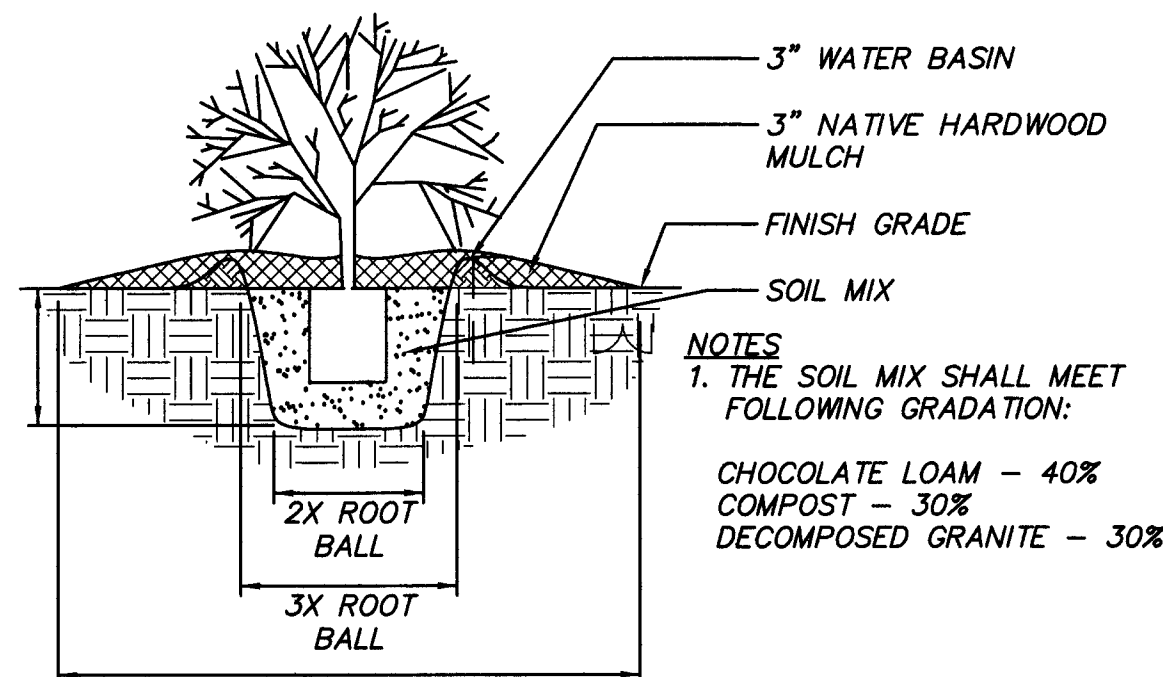
TREE PLANTING DETAIL

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MULTI-TRUNK TREE PLANTING DETAIL

SCALE: N.T.S.



SHRUB PLANTING DETAIL

SCALE: N.T.S.

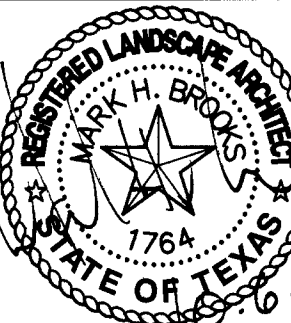
TURF APPLICATION NOTES

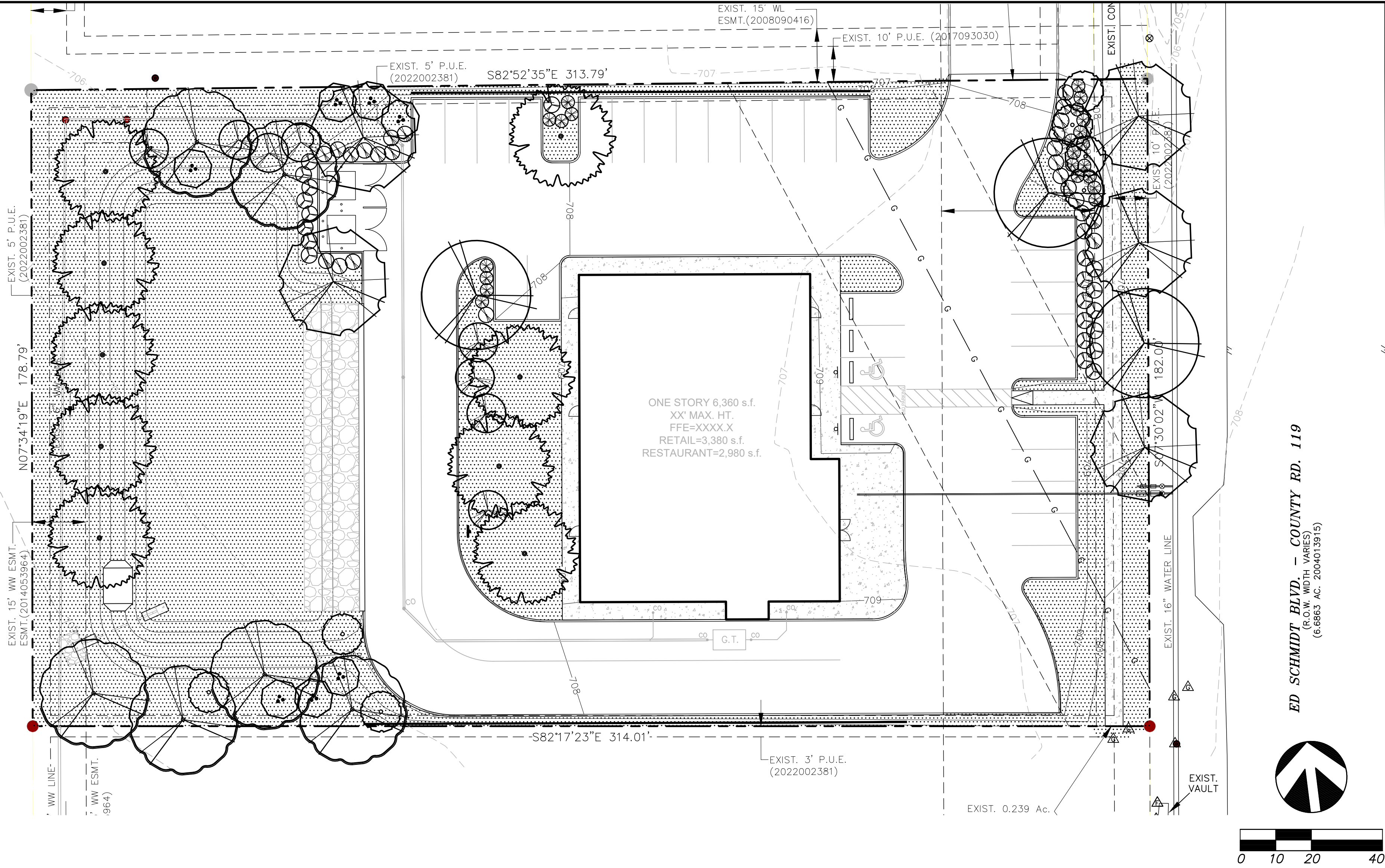
- A. Coordination:
1. Install hydromulch or sod after tree, shrub and groundcover installation is complete.
 2. Contractor to coordinate with Irrigation Contractor to insure functional irrigation system prior to any lawn installation.
- B. Preparation:
1. Pre-Plant Weed Control:
 - a. If weeds exist within proposed landscape areas at the beginning of work, spray with a nonselective systematic contact herbicide, as recommended and applied by an approved licensed applicator.
 - b. Clear and remove these existing weeds upon herbicide's completed action by grubbing off all plant parts at least 1/2"-1" below the surface of the soil.
 2. Contractor to remove all sticks, trash, rocks and other debris and dispose off site.
 3. Contractor to import and spread chocolate loam to a compacted depth of four (4) inches unless noted otherwise on plan in all lawn areas. Note: use of sandy loam is un-acceptable.
 4. Contractor to rake entire area, leveling any imperfections in the grades left by the site work contractor. Landscape contractor to ensure that there will be positive drainage and no ponding on site. Finished grade of lawn areas to be 1/2" below top of curbs, sidewalks and other pavements. Remove any large (greater than 2") dirt clods, rocks, & trash and prepare a smooth, level, loose and coarse surface. Landscape Architect to approve fine grading prior to any lawn installation. Lawn bed shall be moist (but not muddy) to receive seed and sod.
- C. Hydromulch Application:
1. Lawn areas to be seeded immediately after preparation of the bed. Do not use pre-emergent herbicide in areas to be seeded. Apply a uniform coat of hydromulch at the rates specified below:
 - a. Seed - Refer to Plant list
 - b. Wood Cellulose Fiber Mulch - 60 lbs./1,000 S.F.
 2. Seed areas within seeding limits indicated on the plan.
 3. Protect existing utilities (including irrigation system), planting, paving and other site amenities from damage caused by hydromulch operations.
 4. Immediately following application of hydromulch, the Contractor shall wash excess hydromulch material from previously planted materials, architectural features, etc.. Care shall be exercised to avoid washing or eroding mulch materials from lawn area.
 5. Following application of hydromulch, the Contractor shall install erosion control matting (S150 as manufactured by North American Green or approved equal) on all slopes greater than three to one (3:1).
 6. Contractor to return to the site between April 15 and May 15 to re-prepare seed bed area that received Annual Rye seeding between September 15th and April 15th and hydromulch with common Bermuda seed in order to establish a permanent turf cover in all hydromulch lawn areas.

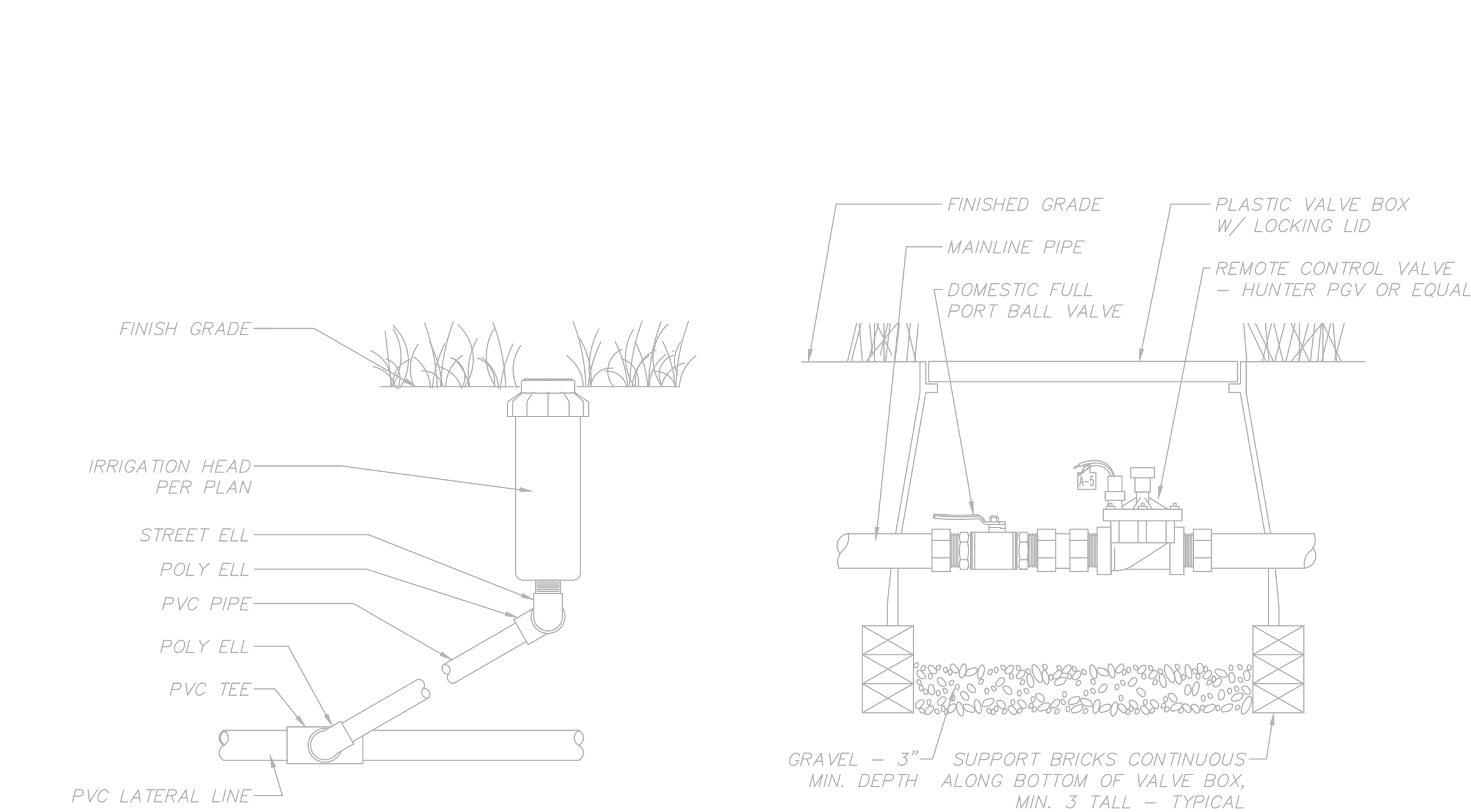
LANDSCAPE PLAN NOTES

1. Contractor to verify all site dimensions and layout prior to the commencement of landscape construction. Any discrepancies between the drawings and the actual site conditions shall be brought to the attention of the Owner's Representative immediately.
2. Contractor is responsible for verification of the location all underground utilities. Repair to said utilities as a result of the work of the Contractor shall be the responsibility of the Contractor. **NOTE:** All existing and proposed utilities may not be shown on this plan.
3. Utilities may exist on site that were unknown during the development of this drawing. Contractor to notify the Owner's Representative immediately if the location of any proposed plant material conflicts with any site utility lines including but not limited to manholes, pull boxes, valve boxes, meters, transformers, etc. Do not plant a tree within 20 feet of the above-mentioned structures unless otherwise directed by the drawings. Failure to notify the Owner's Representative of such conflicts will result in the Contractor being responsible in replacing the affected plant material at the Owner's discretion.
4. Contractor is responsible for verification of all plant quantities based on the drawings and actual field conditions. Plant quantities have been provided for estimating purposes only. Contractor shall provide unit prices to the owner in case of any shortages\ overages or revisions to the planting design.
5. Contractor shall supply nursery-grown trees (except for ball & burlap as approved by the Landscape Architect), shrubs, and ground covers of species, type and size as specified in the Plant List.
6. All plants shall be legibly labelled true to specified size and variety in accordance with Standardized Plant Names, American Joint Committee on Horticulture. Sizes must be in accordance with the American Association of Nurseryman Standards.
7. Irrigation system installation to be complete (with the exception of tree bubblers if applicable) prior to the installation of any plant material.
8. Contractor to remove all clods, rocks, concrete, trash and any other debris prior to installation of soil mix or plant material.
9. Contractor is responsible for removal of trash and repair of hazardous conditions (tools, open holes, etc.) on a daily basis by the end of the work day.
10. All planting beds shall be separated from turf areas by using 1/8" x 4" x 16' Colmet steel edging. Trim steel edging at a 45° angle at pavement or curb intersections.
11. Upon completion of construction and prior to final approval, Contractor shall thoroughly clean the site of all trash, spilled soil, and litter, etc. that has resulted from landscape construction operations. Repair all damage to finish grade including tailings from excavations, wheel ruts, etc. caused from construction.
12. Remove all tags, ribbons and wires from all newly installed plant material upon Owner's authorization.
13. Contractor to replace all materials which are dead, unhealthy, or unsightly (as determined by the Owner) with the cost of replacement to be at the Contractor's expense. Replacement material to be in accordance with the drawings and shall be warranted per the guarantee requirements stated herein.
14. All plant material to be guaranteed to remain alive and in healthy vigorous condition for a period of one year after acceptance by the Owner.
15. Warranty shall not include damage or loss of plants due to acts of God, acts of vandalism or negligence on the part of the Owner.

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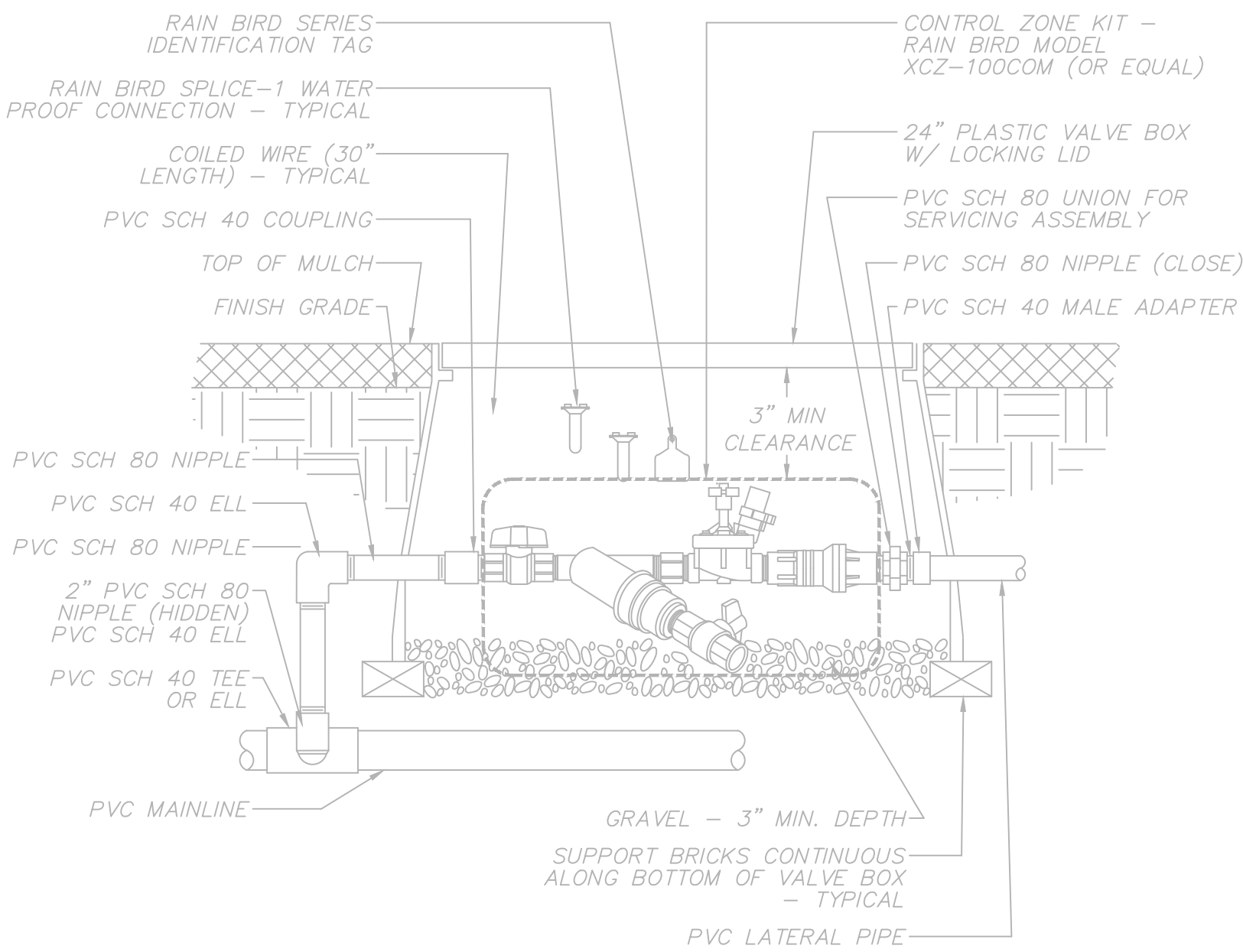




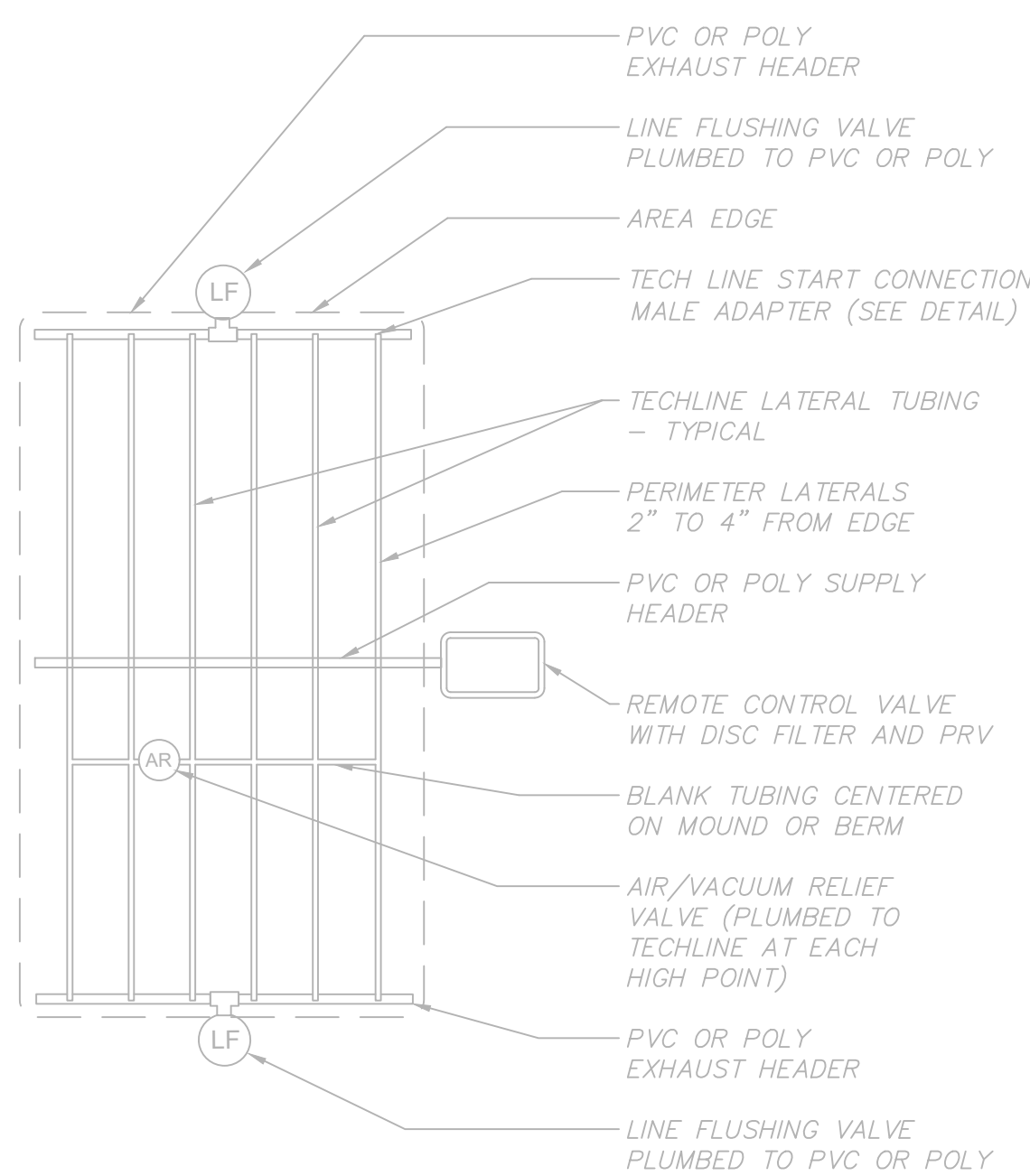


SWING JOINT ASSEMBLY DETAIL
SCALE: N.T.S.

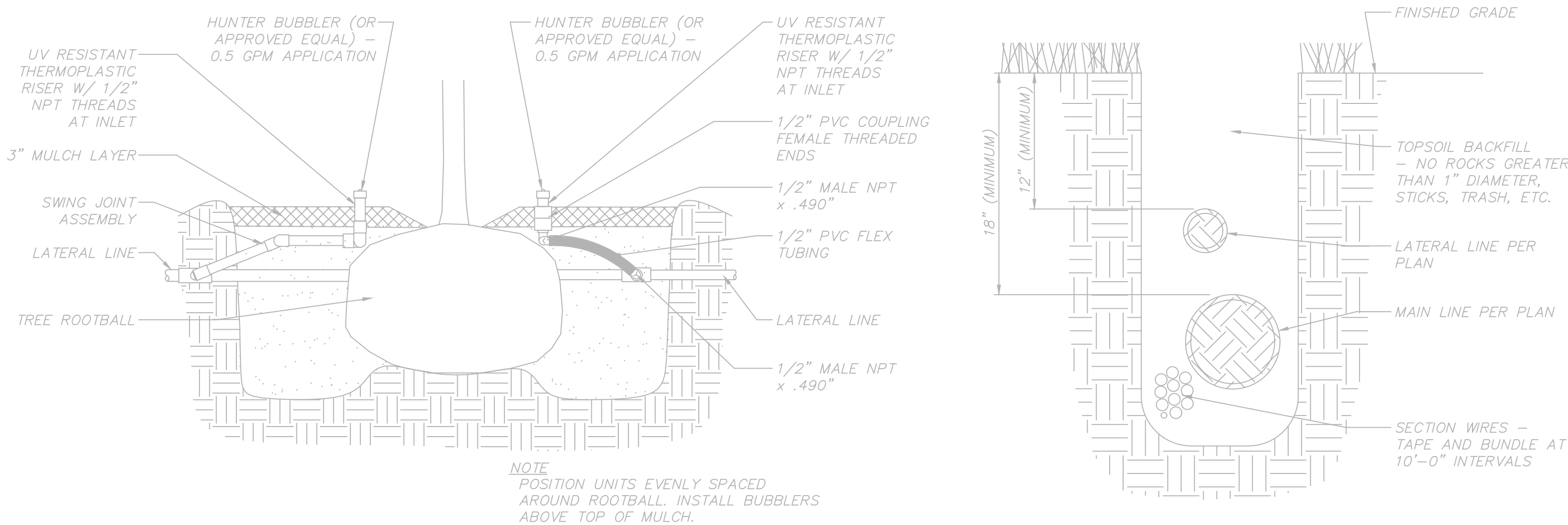
REMOTE CONTROL DETAIL
SCALE: N.T.S.



LOW VOLUME REMOTE CONTROL DETAIL
SCALE: N.T.S.

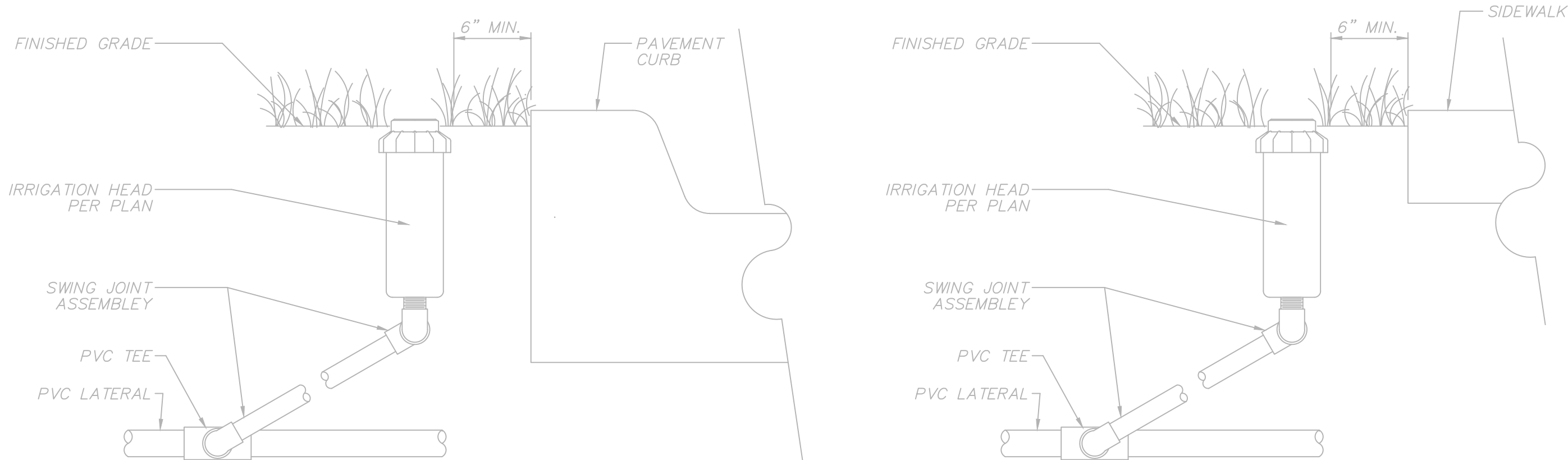


DRIP LAYOUT/CENTER FEED LAYOUT DETAIL
SCALE: N.T.S.



TREE BUBBLER DETAIL
SCALE: N.T.S.

IRRIGATION TRENCH DETAIL
SCALE: N.T.S.



CONCRETE CURB
IRRIGATION HEAD at PAVEMENT DETAILS
SCALE: N.T.S.

SIDEWALK

IRRIGATION EQUIPMENT LEGEND

SYMBOL	DESCRIPTION	MANUFACTURER / MODEL	PSI	RAD.	SPECIFICATIONS - GPM										REMARKS			
	POP-SPRAY HEADS						360°	ADJ 270°	ADJ 240° 210°	180°	ADJ 120°	90°	ADJ 45°	LCS	RCS	SS	TURF APPLICATION	
	4" POP-UP SPRAY HEAD	HUNTER INST-04-CV-17	30	16' – 17'	4.82	3.61	3.21	2.41	1.61	1.20	0.60					TURF APPLICATION		
	4" POP-UP SPRAY HEAD	HUNTER INST-04-CV-15	30	13' – 15'	3.71	2.79	2.48	1.86	1.24	0.93	0.46					TURF APPLICATION		
	4" POP-UP SPRAY HEAD	HUNTER INST-04-CV-12	30	11' – 12'	2.85	2.14	1.90	1.42	0.95	0.71	0.36					TURF APPLICATION		
	4" POP-UP SPRAY HEAD	HUNTER INST-04-CV-10	30	7' – 10'	1.95	1.46	1.30	0.97	0.65	0.49	0.24					TURF APPLICATION		
	4" POP-UP SPRAY HEAD	HUNTER INST-04-CV-8	30	6' – 7'	1.95	1.46	1.30	0.97	0.65	0.49	0.24					TURF APPLICATION		
	4" POP-UP SPRAY HEAD	HUNTER INST-04-CV-6	30	4' – 6'												TURF APPLICATION		
	6"POP-UP ROTATOR	HUNTER MP 2000	40	22' – 30'	3.64	2.73	2.12	1.82		.88						TREE APPLICATION		
	6"POP-UP ROTATOR	HUNTER MP 1000	40	13' – 21'	1.47	1.10	.86	.74		.44						TURF APPLICATION		
	12" POP-UP SPRAY HEAD	HUNTER INST-04-CV-12	30	11' – 12'	2.85	2.14	1.90	1.42	0.95	0.71	0.36					SHRUB APPLICATION		
	12" POP-UP SPRAY HEAD	HUNTER INST-04-CV-10	30	7' – 10'	1.95	1.46	1.30	0.97	0.65	0.49	0.24					SHRUB APPLICATION		
	12" POP-UP STRIP SPRAY HEAD	HUNTER LCS-515, RCS-515, SS-530	30															
	BUBBLER	HUNTER INDUSTRIES PGJ-06-A-V											.65	.65	1.30			
	INDICATES AN ADJUSTABLE ANGLE NOZZLE USE																	
	INDICATES AN 360° NOZZLE USE																	
	INDICATES AN 90° NOZZLE USE																	
	INDICATES AN 180° NOZZLE USE																	
SYMBOL	DESCRIPTION	MANUFACTURER / MODEL	REMARKS															
	REMOTE CONTROL VALVE	HUNTER PGV- SERIES OR EQUAL	SIZE AS SHOWN. INSTALL IN GROUND COVER OR SHRUB PLANTER AREAS WHEREVER POSSIBLE WITHIN RECTANGULAR VALVE BOX AS DETAILED.															
	GATE VALVE		SIZE AS SHOWN. INSTALL IN GROUND COVER OR SHRUB PLANTER AREAS WHEREVER POSSIBLE WITHIN RECTANGULAR VALVE BOX AS DETAILED.															
	HUNTER PRO-C (IRRIGATION CONTROLLER)	HUNTER																
	DOUBLE GATE DUOBLE CHECK VALVE	FEBCO	SIZED EQUAL TO PIPE SIZE. FOR MAINLINE AND MANIFOLD ISOLATION ON LINES 3" AND SMALLER INSTALL IN WHEREVER POSSIBLE WITHIN RECTANGULAR VALVE BOX AS DETAILED.															
	PVC SLEEVE PIPE	SCH 80 PVC	CONTROL WIRE TO FOLLOW IRRIGATION MAINLINE IN COMMON TRENCH WHENEVER POSSIBLE.															
	PVC MAINLINE PIPE (1-1/2")	SCH 40 PVC																
	PVC LATERAL LINE PIPE	CLASS 2200	ALL LATERAL LINES ARE 3/4" MINIMUM UNLESS NOTED															
	RAIN-CLIK SENSOR	HUNTER	WIRELESS SERIES HAS 800' LINE OF SIGHT RANGE TO RECEIVER															
	INDICATES SIZE OF VALVE																	
	INDICATES TOTAL GPM OF SECTION																	
	INDICATES VALVE IDENTIFICATION																	

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CONTRACTOR SHALL REPORT ANY DISCREPANCIES, OMISSIONS OR INCONSISTENCIES ON THE DRAWINGS TO THE ENGINEER FOR VERIFICATION BEFORE STARTING CONSTRUCTION. OWNER AND ENGINEER ARE NOT RESPONSIBLE FOR ANY ERRORS IN CONSTRUCTION WHERE SUCH DISCREPANCIES, OMISSIONS OR INCONSISTENCIES HAVE NOT BEEN PROPERLY REPORTED IN A TIMELY MANNER.

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**Engineers
Inspectors
& Surveyors**
4910 WEST HWY. 290
AUSTIN, TEXAS 78736
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FAX: (512) 328-6996
FIRM REGISTRATION NO. 2487
ATS PROJECT NUMBER: 2205074

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EL POLLO RICO
ED SCHMIDT BLVD.
HUTTO, TEXAS 78634

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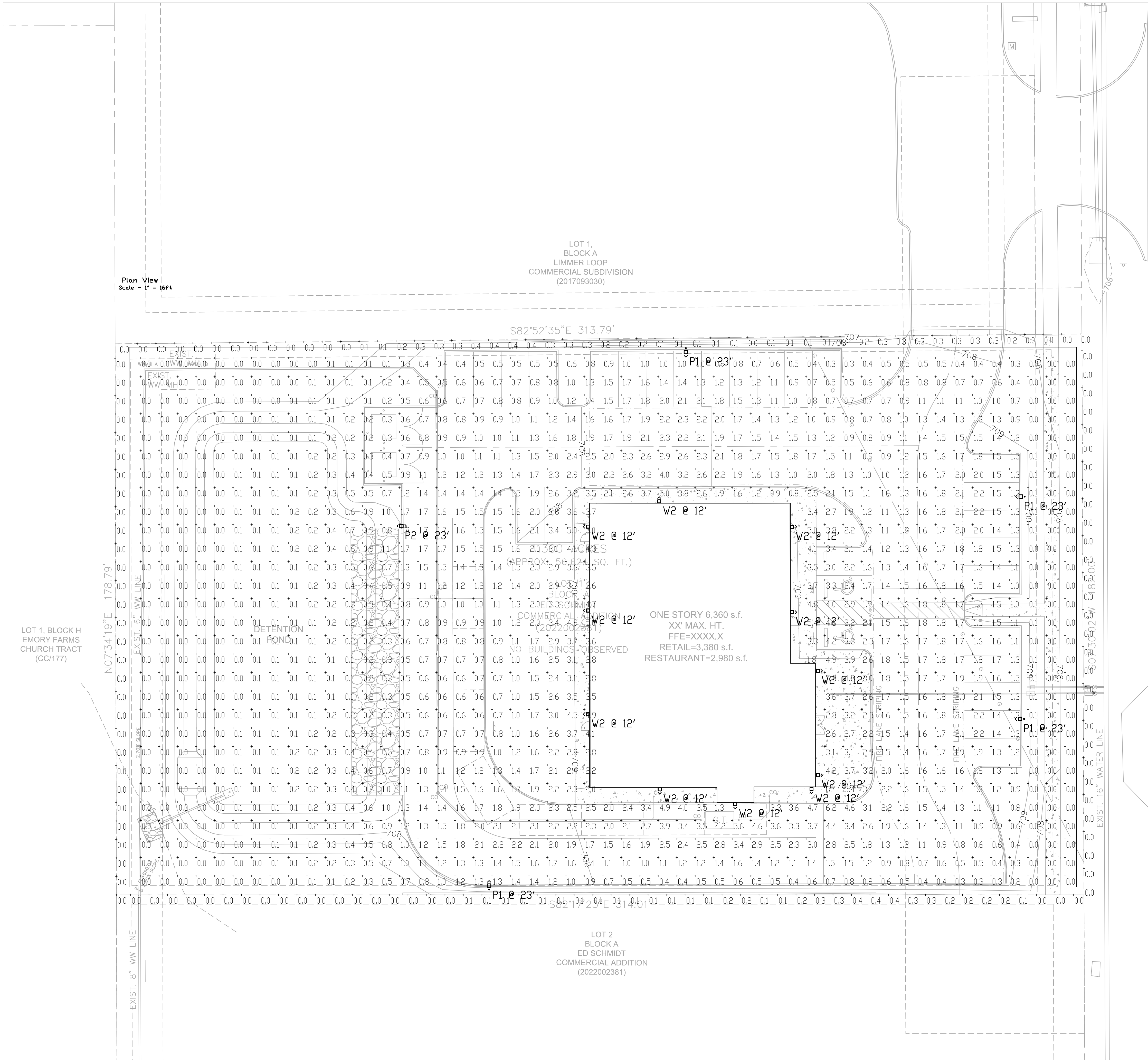
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DRAWN:	S.T.N.
CHECKED:	G.C. & D.B.M.
DATE:	12/05/2022

SITE PHOTOMETRIC PLAN

ES102

22 OF 23 Page 353 of 353



ED SCHMIDT BLVD. - COUNTY RD. 119
(R.O.W. WIDTH VARIES)
(6.6863 AC. 2004013915)

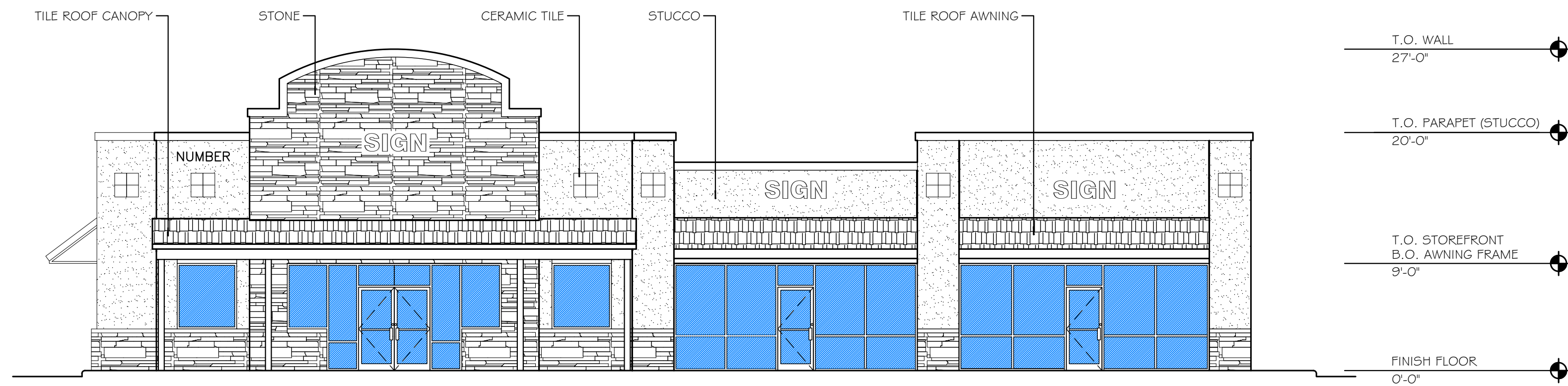
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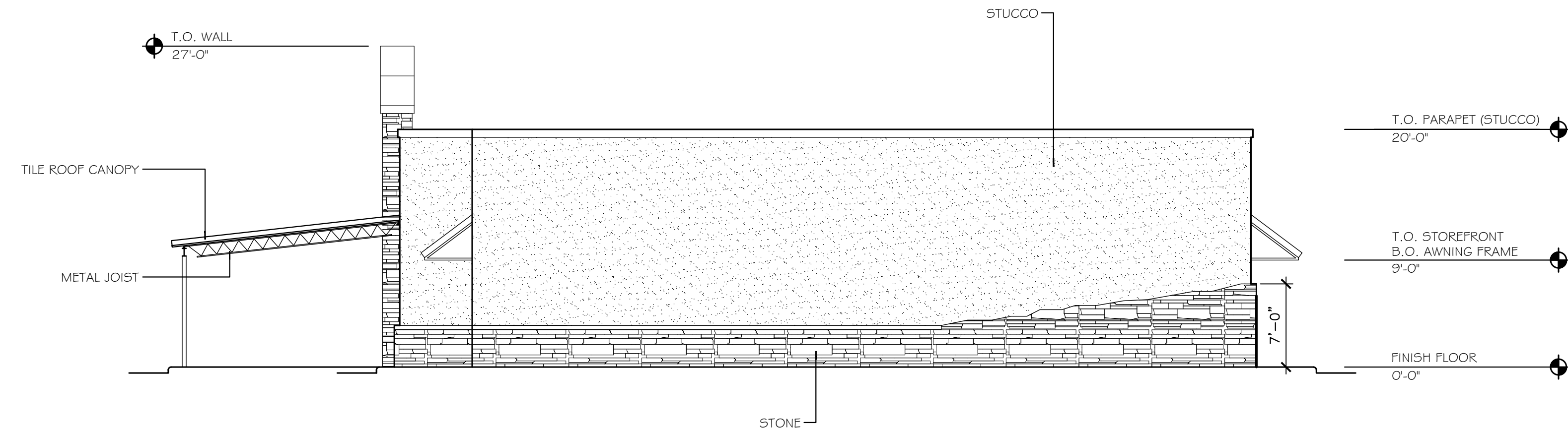
Quantity					Number Lamps	Lumen Per Lamp	Light Loss Factor	Voltage
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description			
⬇	P1	4	Lithonia Lighting	ESDI LED P2 40K (B0CR) B8C E50	D-Series Size 1 Area, Luminaire P2 Performance Package 4000K CCT 80 CR Type 3 Extreme Bucklight Control External Shield	1	6864	67.79
			Lithonia Lighting	ESDI LED P2 40K (B0CR) T44	D-Series Size 1 Area, Luminaire P2 Performance Package 4000K CCT 80 CR Type 4 Medium	1	9992	67.79
⬇	P2	0	Lithonia Lighting	ESDI LED P3 40K (B0CR) T44 HX	D-Series Size 1 Area, Luminaire P3 Performance Package 4000K CCT 80 CR Type 4 Medium Houseline Shield	1	10225	204.3454
			Lithonia Lighting	WSR LED P2 SR4 40K	WSR LED with PO-PERFORMANCE PACKAGE, 4000K, AND SR4 OPTIC TYPE	1	3053	2917
⬇	W2	11	Lithonia Lighting	WSR LED P2 SR3 40K MVLT	WSR LED with PO-PERFORMANCE PACKAGE, 4000K, AND SR3 OPTIC TYPE	1	3028	2917

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #2	+	1.1 fC	6.4 fC	0.0 fC	N/A	N/A
Property Line	+	0.1 fC	0.4 fC	0.0 fC	N/A	N/A

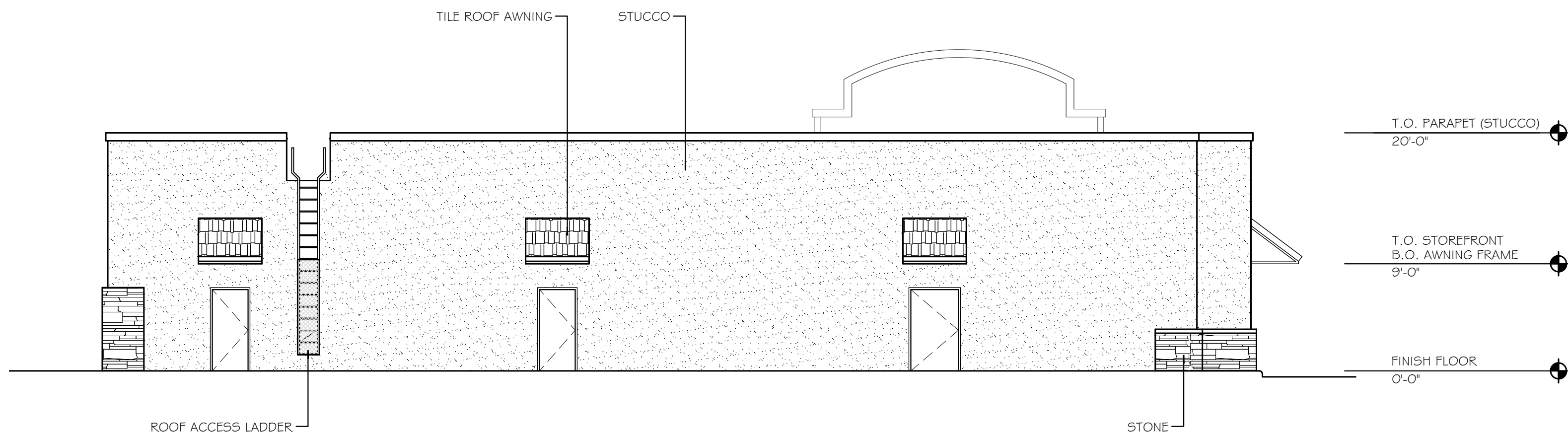
1 SITE PHOTOMETRIC PLAN
SCALE: 1/16" = 1'-0"



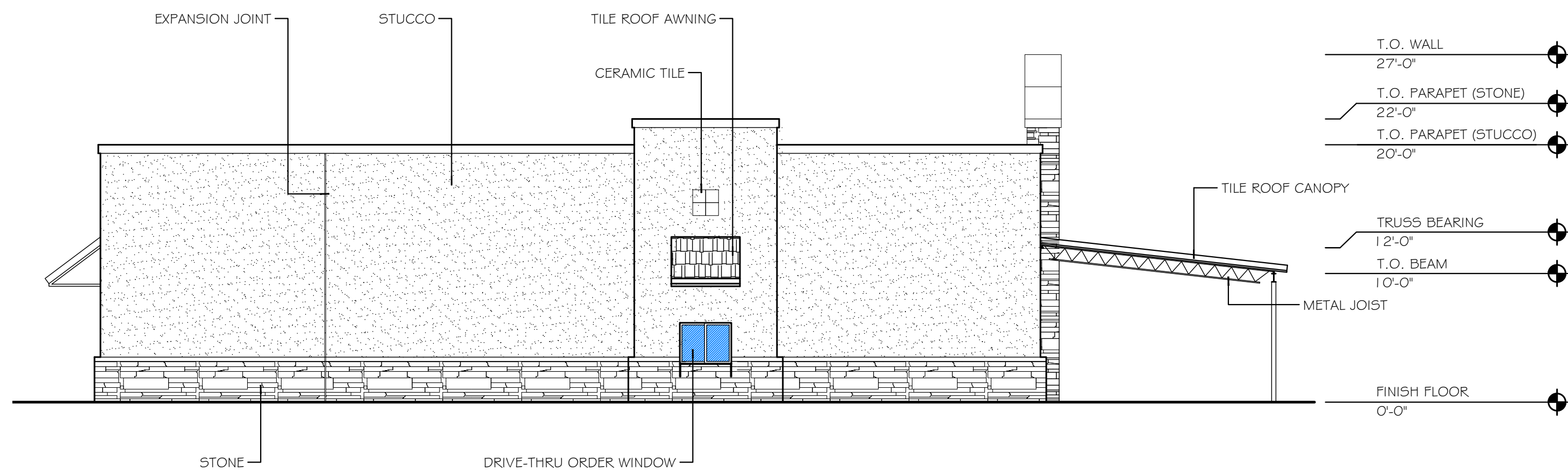
1 ENTRANCE ELEVATION (EAST)
SCALE: 1/8" = 1'-0"



2 SIDE ELEVATION (NORTH)
SCALE: 1/8" = 1'-0"



3 REAR ELEVATION (WEST)
SCALE: 1/8" = 1'-0"



4 DRIVE-THRU ELEVATION (SOUTH)
SCALE: 1/8" = 1'-0"

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LIMITED SERVICE CONTRACT:

PLEASE NOTE THAT THESE DRAWINGS WERE PRODUCED UNDER A LIMITED OR PARTIAL SERVICES CONTRACT. NOT ALL DETAILS OR CONSTRUCTION NOTES HAVE BEEN SHOWN, THEREFORE, REQUIRING THE ARCHITECT'S INPUT AND REVIEW DURING CONSTRUCTION.

EL POLLO RICO
ED SCHMIDT BLVD.
HUTTO, TEXAS 78634

NO.	DATE	DESCRIPTION	BY

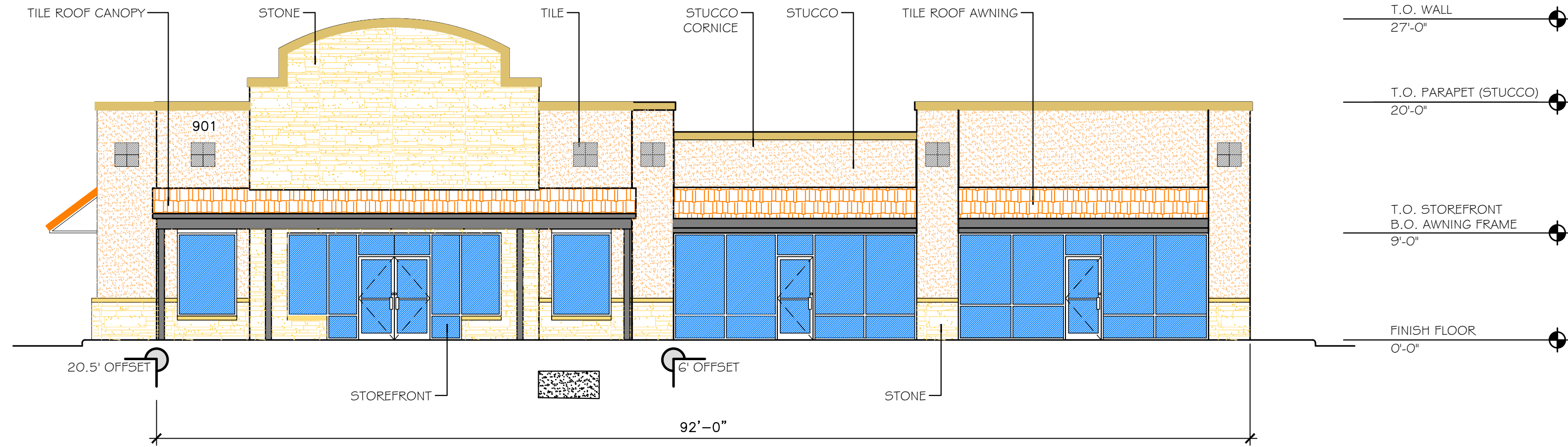


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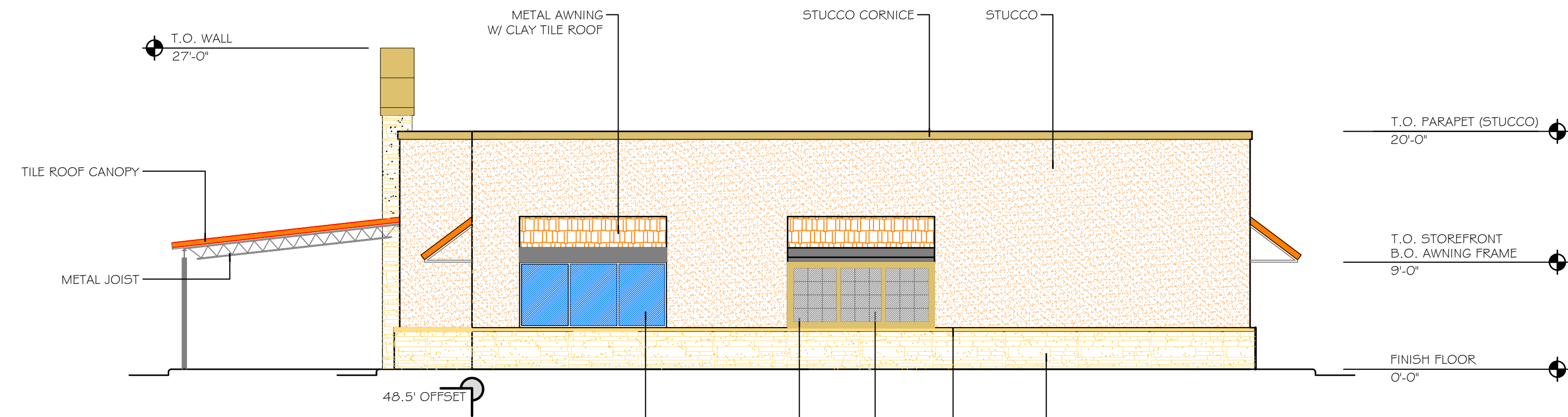
JOB NO.:	2223
PHASE:	
DRAWN:	
CHECKED:	
DATE:	December 5, 2022

EXTERIOR ELEVATIONS

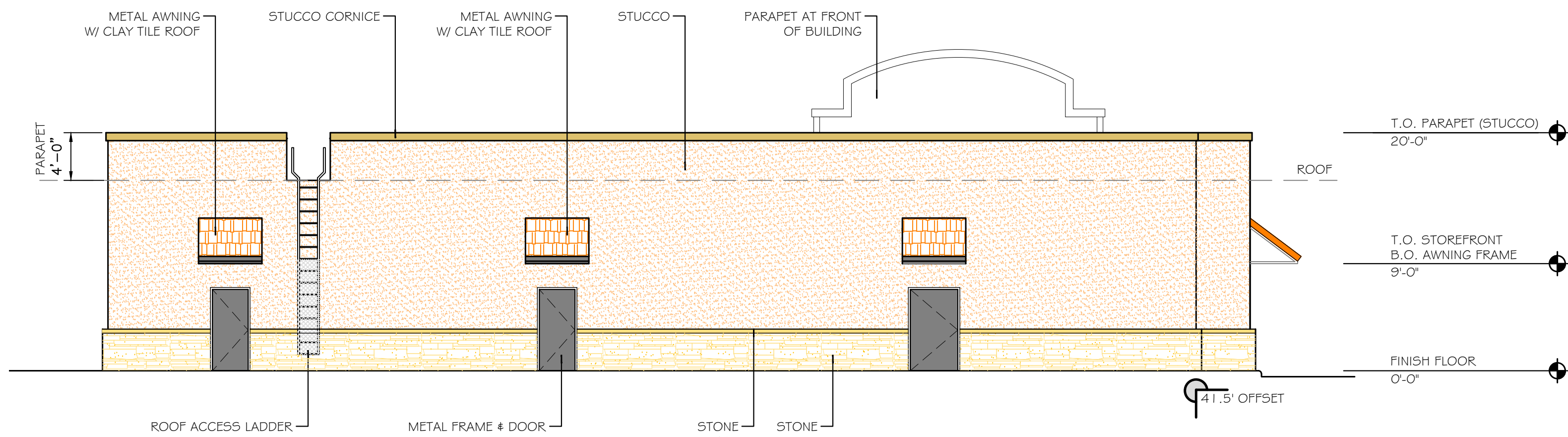
SHEET
A5.0



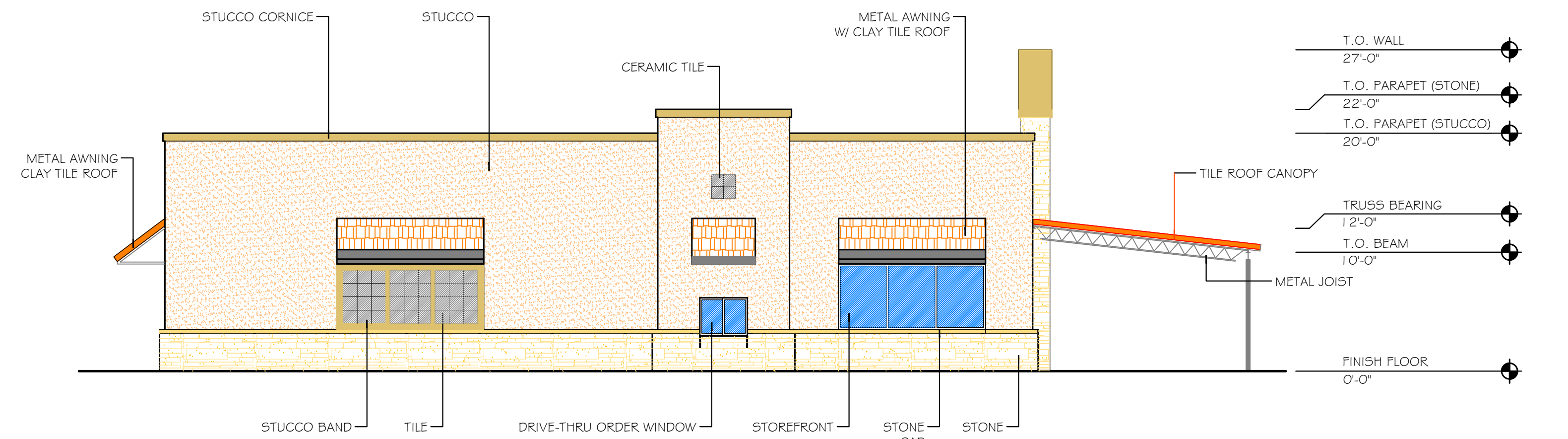
1 ENTRANCE ELEVATION (EAST)
SCALE: 1/8" = 1'-0"



2 SIDE ELEVATION (NORTH)
SCALE: 1/8" = 1'-0"



3 REAR ELEVATION (WEST)
SCALE: 1/8" = 1'-0"



4 DRIVE-THRU ELEVATION (SOUTH)
SCALE: 1/8" = 1'-0"

CITY OF HUTTO UDC

- 10.406.6.4.3 Long walls and facades; projections and recesses
- Walls at least 100 ft long must include wall plane projections or recesses...
 - Complies: Walls are less than 100 ft long, longest wall is 96 ft.

- 10.406.6.4.4 Exterior walls
- Exterior walls cannot have a blank, uninterrupted length greater than 30 ft without including two or more (listed) features.
 - Complies: Front Elevation (East) has the following features:
 - change in plane: building offset 6 ft
 - change in masonry pattern: stucco & stone
 - windows

Complies: Side Elevations (North & South) has the following features:

- change in masonry pattern: stucco & stone
- windows and false windows

Complies: Rear Elevation (West) has the following features:

- change in masonry pattern: stucco & stone
- doors

- 10.406.6.4.5 Primary building entrances
- Primary building entrances must be clearly defined and recessed or framed by a sheltering element.
 - Complies: Building entrances have awnings.

- 10.406.6.4.6 Retail building entrances
- Single-use buildings must have a clearly defined, highly visible customer entrance with four or more listed elements.
 - Complies: Building entrances utilizes the following five elements: arches, canopies, tile work integrated into building design, display windows, and outdoor patio.

- 10.406.6.4.8 Transparency in commercial buildings
- Facades that face the street must be transparent between 2 ft and 7ft above grade for at least 75% of its length.
 - Complies: Street facing facade (East) has a wall area of 460 sf requiring transparency of min. 345 sf (75% wall area). Transparency provided equals 346 sf (75%).

- Side walls must be transparent between 2ft and 7ft above grade for at least 25% of its length. Where internal arrangement of a building makes it impossible to provide transparency a combination of sculptural, mosaic, or bas-relief artwork... may substitute for 50% of required transparent areas.
- Complies: Side facade (North) has a wall area of 328 sf requiring transparency of min. 82 sf (25% wall area). Transparency provided equals 84 sf (25% wall area). 42 sf (50% of transparency) provided with tile mosaic.

- Complies: Side facade (South) has a wall area of 328 sf requiring transparency of min. 82 sf (25% wall area). Transparency provided equals 96 sf (29% wall area). 42 sf (44% of transparency) provided with tile mosaic.

- 10.406.6.5.3 Roof lines
- The continuous plane of a roof line must be no more than 100 ft.
 - Complies: Greatest continuous plane of roof line is 91-6".

- 10.406.6.7.3 Building colors
- Building colors must be low reflecting, muted and neutral or earth toned.
 - Complies:

Material	Color
Stucco	medium tan
Stone	light tan
Tile	light grey
Cornice	light brown
Awning	red metal frame with clay tile roof
Storefront	aluminum metal frame

- 10.406.6.8 Mechanical equipment screenings
- Rooftop mechanical equipment must be hidden or screened
 - Complies: rooftop equipment screened by wall parapet.

REVISIONS	NO.	DATE	DESCRIPTION	BY



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DATE:	August 28, 2023

EXTERIOR ELEVATIONS

SHEET

Notice is hereby given to all interested persons that the **HUTTO PLANNING & ZONING COMMISSION** and the **HUTTO CITY COUNCIL** will hold two separate public hearings regarding the Specific Use Permit request for the property known as 901 Ed Schmidt Boulevard, to allow a drive through within the B-1 (Local Business) zoning district.

As one of the owners of property located within 600 feet of the subject properties, you are invited to attend this meeting to voice your support or opposition. Detailed information will be available on the City of Hutto website under Planning and Zoning Commission agenda/packet information at least 72-hours before the meeting date here: http://www.hutto.tx.gov/residents/services/planning_and_zoning_commission_agendas_and_minutes.php. You may also do one of the following before the meeting date:

1. Mail this form to: Development Services, 500 W. Live Oak Street, Hutto, TX 78634.
2. Email your response to: planning@hutto.tx.gov Include case name, public hearing date, your name and address, and if you are in favor or against the rezoning including comments.

For additional information you may contact the Development Services-Planning staff at (512) 759-3479 or planning@hutto.tx.gov.

SURROUNDING PROPERTY OWNER'S RESPONSE

Project Name: Specific Use Permit request for the property known as 901 Ed Schmidt Boulevard, to allow a drive through within the B-1 (Local Business) zoning district.

Name:

Sheryl Lealton

Address:

412 Farm Creek Dr.

☐ I AM IN FAVOR

☒ I OBJECT

Write comments below, attach additional pages if needed.

SITE LOCATION MAP

