



UTILITY ACCOMMODATION / ADJUSTMENT CHECKLIST

Form ROW-U-AGMNTCheck
(Rev. 05/23)
Page 1 of 4

U No.: N/A	Utility ID: U00013979	District: San Antonio
Utility Name: City of Seguin		
ROW CSJ No.: 0535-01-081	Date Agreement Received (in District):	Highway No: IH 10
Const. CSJ No.: 0535-01-077	Hwy Construction Letting Date: 09/01/29	County: Guadalupe
Project Limits (include station numbers): US 90A to FM 464 STA 1056+00 - 1205+00		
Limits of Utility Accommodation /Adjustment (include station numbers): IH 10 CL 1145+74 to STA 1158+04		
Description of Utility Adjustment Work: The UO's existing 6" sanitary sewer force main conflicts with the highway project. Utility proposes to replace with 12" for 2154' LF.		
LPA(s) (if applicable; if multiple LPAs, give % allocation to each, totaling 100%):		
Submission Type: <input type="checkbox"/> SUP <input checked="" type="checkbox"/> FUP <input type="checkbox"/> LUP <input type="checkbox"/> UJUA Other: (specify)		
(Check one:) <input checked="" type="checkbox"/> Actual Cost <input type="checkbox"/> Lump Sum		
Total Adjustment Costs:	\$ 1,031,873.06	
Betterment (in dollars and calculated %):	\$ 116,808.03	11.32 %
Recommended Eligibility Ratio (%):	\$ 915,065.03	100 %
Estimated Amount of State Cost Participation:	\$ 915,065.03	
Estimated Amount of SP2125 Participation:	\$	
Estimated Date to Start Accommodation/Adjustment:	07/30/25	
Estimated Date to Complete Accommodation/Adjustment:	01/29/26	
Full Authority Date:		
Emergency Work Authorization Date (if applicable):		

Standard Utility Agreement Submittal- General

1. This agreement was assembled by:
☐ TxDOT Utility Coordinator ☒ TxDOT Consultant
2. All applicable forms submitted are complete, up-to-date, and unmodified?
☒ Yes ☐ No (Modified forms will require ROW Attorney's approval.)
3. Where necessary for a complete understanding, are there explanations, clarifications included in the transmittal?
☒ Yes ☐ No ☐ N/A
4. Signatory authority vested in utility representative signing forms if other than officer level?
☐ Yes ☐ No ☒ N/A
5. *TINS form: ☐ Yes ☒ No
*attach form to checklist.

Attachment "A" - Plans, Specifications and Estimate

Plans:

- A1.1) Project or vicinity plat provided where needed to understand scope of proposed work?
☒ Yes ☐ No
- A1.2) Is utility adjustment within ROW Project limits or DIRECTLY related to work required within ROW Project limits?
☒ Yes ☐ No
- A1.3) Information on plans sufficient and adequate to:
- a) Determine necessity and justification of proposed work?
☒ Yes ☐ No
 - b) Demonstrate Utility Accommodation Policy compliance?
☒ Yes ☐ No ☐ N/A
 - c) Indicate highway stationing, offsets from centerline, edge of pavement and ROW lines?
☒ Yes ☐ No
 - d) Provide any other necessary or essential information such as pressure, flow, offset, type, condition, wall thickness, specifications, etc.?
☒ Yes ☐ No

Estimate:

A2.1) Is the estimate properly and adequately itemized and detailed?

☒ Yes ☐ No

A2.2) Have materials subject to Buy America compliance been identified in the cost estimate?

☒ Yes ☐ No

A2.3) Have ineligible costs been identified? (Utility Manual, Ch. 7, Sec. 2)

☐ Yes ☒ No

A2.4) Replacement easement charges justified and supported?

☐ Yes ☐ No ☒ N/A

A2.5) Estimate compared and reconciled to plans and statement of work in agreement?

☒ Yes ☐ No

A2.6) Betterment credit applicable? (if so, see Attachment "G")

☒ Yes ☐ No

If yes, is credit calculated and applied properly?

☒ Yes ☐ No

A2.7) Accrued Depreciation credit applicable?

☐ Yes ☒ No

If yes, is credit calculated and applied properly?

☐ Yes ☐ No

A2.8) Salvage credit applicable?

☐ Yes ☒ No

If yes, is credit applied properly?

☐ Yes ☐ No

A2.9) Overheads and loadings explained and checked for reasonableness?

☐ Yes ☐ No ☒ N/A

A2.10) Estimate extensions checked?

☒ Yes ☐ No

A2.11) Utility consultant engineering contract reviewed and approved by District (if applicable, a fee schedule is required)?

☒ Yes ☐ No ☐ N/A

Attachment "B" - Utility's Accounting Method

B1) Acceptable accounting method (Actual cost or Lump Sum) indicated?

☒ Yes ☐ No

Attachment "C" - Utility's Schedule of Work and Estimated Date of Completion

C1) Schedule of work provided by utility company?

☒ Yes ☐ No ☐ In Highway Contract

C2) Includes Start Date of Adjustment (Physical Adjustment or Relocation):

☒ Yes ☐ No

Attachment "D" - Statement covering Contract Work - ROW-U-48

D1) Statement Covering Contract Work included?

☒ Yes ☐ No ☐ N/A

Attachment "E" - Utility Joint Use Agreement

E1) Utility Joint Use Agreement included?

☐ Yes (The UJUA is included.) ☐ No ☒ N/A

☐ The plans showing the area of joint use is provided.

E2) Permit included?

☐ Yes ☒ No ☐ N/A

Attachment "F" - Eligibility Ratio

F1) Eligibility ratio calculated and recommended?

☒ Yes ☐ No

Attachment "G" - Betterment Calculation and Estimates

G1) Betterment and In-Kind estimates included?

☒ Yes ☐ No ☐ N/A

G2) Betterment credit applied properly?

☒ Yes ☐ No ☐ N/A

Attachment "H" - Proof of Property Interest - ROW-U-Affidavit

H1) Proof of property or compensable interest ownership by utility established where applicable?

☐ Yes ☒ No

H2) Corporate succession documented for property interest "chain of ownership"?

☐ Yes ☐ No ☒ N/A

H3) Quitclaim required?

☐ Yes ☐ No ☒ N/A

TxDOT Utility
Coordinator Name: _____

Date: _____



Standard Utility Agreement

U Number: Utility ID: **U00013979**

District: San Antonio
ROW Project ID (TxC): R00011308
ROW CSJ: 0535-01-081
Construction CSJ: 0535-01-077
Highway Project Letting Date: 9/1/2029

County: Guadalupe
Highway: IH-10
From: US 90A
To: FM 464

This Agreement by and between the State of Texas, acting by and through the Texas Transportation Commission, ("**State**"), and City of Seguin, ("**Utility**"), acting by and through its duly authorized representative, shall be effective on the date of approval and execution by and on behalf of the **State**.

WHEREAS, the **State** has deemed it necessary to make certain highway improvements as designated by the **State** and approved by the Federal Highway Administration within the limits of the highway as indicated above (the "**Highway Project**");

WHEREAS, the proposed Highway Project will necessitate the adjustment, removal, and/or relocation of certain facilities of the **Utility** as indicated in the following statement of work: From IH 10 STA: 1145+74 to STA: 1158+04, the Utility's existing six-inch sanitary sewer force main conflicts with the Highway Project. The Utility proposes to install approximately 2,154 linear feet of 12-inch diameter sanitary sewer force main along with necessary appurtenances and casing. This work includes an approximate 798 linear feet bore underneath the Guadalupe River via horizontal directional drill (HDD). Betterment is included in this project. The Utility will remove 1668 lf of six-inch sanitary sewer force main and abandon 68 lf as designated on plans; and more specifically as shown in the **Utility's** plans, specifications and estimated costs, which are attached hereto as Attachment "A".

WHEREAS, the **State** will participate in the costs of the adjustment, removal, and relocation of certain facilities to the extent as may be eligible for State and/or Federal participation.

WHEREAS, the **State**, upon receipt of evidence it deems sufficient, acknowledges the **Utility's** interest in certain lands and facilities that entitle it to reimbursement for the adjustment, removal, and relocation of certain of its facilities located upon the lands as indicated in the statement of work above.

NOW, THEREFORE, BE IT AGREED:

The **State** will pay to the **Utility** the costs incurred in adjustment, removal, and relocation of the **Utility's** facilities up to the amount said costs may be eligible for **State** participation.

All conduct under this agreement, including but not limited to the adjustment, removal, and relocation of the facility, the development and reimbursement of costs, any environmental requirements, and retention of records will be in accordance with all applicable federal and state laws, rules and regulations, including, without limitation, the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act, 42 U.S.C. §§ 4601, et seq., the National Environmental Policy Act, 42 U.S.C. §§ 4321, et seq., the Buy America provisions of 23 U.S.C. § 313 and 23 CFR 635.410, as amended, Texas Transportation Code § 223.045, the Utility Relocations, Adjustments, and Reimbursements provisions of 23 CFR 645, Subpart A, and the Utility Accommodation provisions of 23 CFR 645, Subpart B.

The **Utility** shall supply, upon request by the **State**, proof of compliance with the aforementioned laws, rules, regulations, and guidelines prior to the commencement of the adjustment, removal, and relocation of the facility.

Initial Date
TxDOT

Initial Date
Utility

The Utility shall not commence any physical work, including without limitation site preparation, on the State's right of way or future right of way, until TxDOT provides the Utility with written authorization to proceed with the physical work upon TxDOT's completion and clearance of its environmental review of the Highway Project. Any such work by the Utility prior to TxDOT's written authorization to proceed will not be eligible for reimbursement and the Utility is responsible for entering any property within the proposed limits of the Highway Project that has not yet been acquired by TxDOT. This written authorization to proceed with the physical work is in addition to the authorization to commence work outlined below. Notwithstanding the foregoing, the provisions of this paragraph are required only when TxDOT has not obtained completion and clearance of its environmental review of the Highway Project prior to the execution of this Agreement by the State and the Utility.

The **Utility** shall comply with the Buy America provisions of 23 U.S.C. § 313, 23 CFR 635.410, as amended, and the Steel and Iron Preference provisions of Texas Transportation Code § 223.045 and, when products that are composed predominately of steel and/or iron are incorporated into the permanent installation of the utility facility, use domestically manufactured products. TxDOT Form 1818 (Material Statement), along with all required attachments, must be submitted, prior to the commencement of the adjustment, removal, and relocation of the facility, as evidence of compliance with the aforementioned provisions. Failure to submit the required documentation or to comply with the Buy America, and Steel and Iron Preference requirements shall result in: (1) the **Utility** becoming ineligible to receive any contract or subcontract made with funds authorized under the Intermodal Surface Transportation Efficiency Act of 1991; (2) the **State** withholding reimbursement for the costs incurred by the **Utility** in the adjustment, removal, and relocation of the **Utility's** facilities; and (3) removal and replacement of the non-compliant products.

The **Utility** agrees to develop relocation or adjustment costs by accumulating actual direct and related indirect costs in accordance with a work order accounting procedure prescribed by the **State**, or may, with the **State's** approval, accumulate actual direct and related indirect costs in accordance with an established accounting procedure developed by the **Utility**. Bills for work hereunder are to be submitted to the **State** not later than one (1) year after completion of the work. Failure to submit the request for final payment, in addition to all supporting documentation, within one (1) year after completion of the work may result in forfeiture of payment for said work.

When requested, the **State** will make intermediate payments at not less than monthly intervals to the **Utility** when properly billed. Such payments will not exceed 90 percent (90%) of the eligible cost as shown in each such billing. Intermediate payments shall not be construed as final payment for any items included in the intermediate payment.

The **State** will, upon satisfactory completion of the adjustment, removal, and/or relocation and upon receipt of final billing prepared in an approved form and manner and accounting for any intermediate payments, make payment in the amount of 90 percent (90%) of the eligible costs as shown in the final billing prior to audit and after such audit shall make an additional final payment totaling the reimbursement amount found eligible for **State** reimbursement.

Alternatively, if the approved accounting method is a lump sum, the **State** agrees to pay the **Utility** an agreed lump sum of \$N/A as supported by the attached estimated costs. The **State** will, upon satisfactory completion of the adjustments, removals, and relocations and upon receipt of a final billing, make payment to the **Utility** in the agreed amount.

Upon execution of this agreement by both parties hereto, the **State** will, by written notice, authorize the **Utility** to perform such work diligently and to conclude said adjustment, removal, and relocation by the stated completion date which is attached hereto in Attachment "C". The completion date shall be extended for delays caused by events outside the **Utility's** control, including an event of Force Majeure, which shall include a strike, war or act of war (whether an actual declaration of war is made or not), insurrection, riot, act of public enemy, accident, fire, flood or other act of God, sabotage, or other events, interference by the **State** or any other party with the **Utility's** ability to proceed with the work, or any other event in which the **Utility** has exercised all due care in the prevention thereof so that the causes of other events are beyond the control and without the fault or negligence of the **Utility**.

Initial Date
TxDOT

Initial Date
Utility

This agreement in its entirety consists of the following elements:

Standard Utility Agreement – ROW-U-35;

- Plans, Specifications, and Estimated Costs (Attachment “A”);
- Accounting Method (Attachment “B”);
- Schedule of Work (Attachment “C”);
- Statement Covering Contract Work – ROW-U-48 (Attachment “D”);
- Utility Joint Use Agreement – ROW-U-JUA and/or Utility Installation Request – Form 1082 (Attachment “E”);
- Eligibility Ratio (Attachment “F”);
- Betterment Calculation and Estimate (Attachment “G”); and
- Proof of Property Interest – ROW-U-Affidavit (Attachment “H”).

All attachments are included herein as if fully set forth. In the event it is determined that a substantial change from the statement of work contained in this agreement is required, reimbursement therefore shall be limited to costs covered by a modification or amendment of this agreement or a written change or extra work order approved by the **State** and the **Utility**.

This agreement is subject to cancellation by the **State** at any time up to the date that work under this agreement has been authorized, and such cancellation will not create any liability on the part of the **State**. However, the **State** will review and reimburse the **Utility** for eligible costs incurred by the **Utility** in preparation of this Agreement.

The State Auditor may conduct an audit or investigation of any entity receiving funds from the **State** directly under this contract or indirectly through a subcontract under this contract. Acceptance of funds directly under this contract or indirectly through a subcontract under this contract acts as acceptance of the authority of the State Auditor, under the direction of the Legislative Audit Committee, to conduct an audit or investigation in connection with those funds. An entity that is the subject of an audit or investigation must provide the state auditor with access to any information the state auditor considers relevant to the investigation or audit.

The **Utility** by execution of this agreement does not waive any of the rights that the **Utility** may have within the limits of the law.

It is expressly understood that the **Utility** conducts the adjustment, removal, and relocation at its own risk, and that the **State** makes no warranties or representations regarding the existence or location of utilities currently within its right of way.

Initial Date
TxDOT

Initial Date
Utility

The signatories to this agreement warrant that each has the authority to enter into this agreement on behalf of the party represented.

UTILITY

Utility: City of Seguin
Name of Utility

By: _____
Authorized Signature

Steve Parker
Print or Type Name

Title: City Manager

Date: _____

EXECUTION RECOMMENDED:

Director of TP&D (or designee), San Antonio District

THE STATE OF TEXAS

Executed and approved for the Texas Transportation Commission for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.

By: _____
District Engineer (or designee)

Date: _____

Initial Date
TxDOT

Initial Date
Utility

Attachment "A"

Plans, Specifications, and Estimated Costs

All material items within the cost estimate that must meet Buy America or Steel and Iron Preference Provision requirements must be indicated with an asterisk (*).

- ☐ Currently, **this project does not plan to use** iron and steel subject to Buy America requirements. In the event that Buy America compliant materials are used during construction on this project, compliance documentation will be provided.
- ☐ There are non-domestic iron and steel materials in this project that fall under the De Minimis equation. Calculation showing the total cost does not exceed one-tenth of one percent (0.1 %) of the individual utility agreement amount or \$2,500.00, whichever is greater is required.
- ☒ We understand the Buy America Compliance Requirements for iron and steel and will supply the required documentation to TxDOT indicating compliance with this provision. The following documents will be supplied prior to installation of the materials:

- 1) Form 1818 - Material Statement
- 2) Material Test Reports or Certifications

Initial Date
TxDOT

Initial Date
Utility

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY LIFT STATION AND FORCE MAIN
GENERAL CONSTRUCTION NOTES

- THIS LIFT STATION AND/OR FORCE MAIN MUST BE CONSTRUCTED IN ACCORDANCE WITH 30 TEXAS ADMINISTRATIVE CODE (TAC) §213.5(c), THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) EDWARDS AQUIFER RULES, AND ANY LOCAL GOVERNMENT STANDARD SPECIFICATION.
- ANY MODIFICATION TO THE ACTIVITIES DESCRIBED IN THE REFERENCED LIFT STATION/FORCE MAIN (LSFM) SYSTEM APPLICATION FOLLOWING THE DATE OF APPROVAL MAY REQUIRE THE SUBMITTAL OF A LSFM SYSTEM APPLICATION TO MODIFY THIS APPROVAL, INCLUDING THE PAYMENT OF APPROPRIATE FEES AND ALL INFORMATION NECESSARY FOR ITS REVIEW AND APPROVAL.
- A WRITTEN NOTICE OF CONSTRUCTION MUST BE SUBMITTED TO THE PRESIDING TCEQ REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO THE START OF ANY REGULATED ACTIVITIES. THIS NOTICE MUST INCLUDE:
 - THE NAME OF THE APPROVED PROJECT;
 - THE ACTIVITY START DATE; AND
 - THE CONTACT INFORMATION OF THE PRIME CONTRACTOR.
- UPON COMPLETION OF ANY LIFT STATION EXCAVATION, A GEOLOGIST MUST CERTIFY THAT THE EXCAVATION HAS BEEN INSPECTED FOR THE PRESENCE OF SENSITIVE FEATURES. THE CERTIFICATION MUST BE SIGNED, SEALED, AND DATED BY THE GEOLOGIST PREPARING THE CERTIFICATION. CERTIFICATION THAT THE EXCAVATION HAS BEEN INSPECTED MUST BE SUBMITTED TO THE APPROPRIATE REGIONAL OFFICE.
 - IF SENSITIVE FEATURE(S) ARE IDENTIFIED, ALL REGULATED ACTIVITIES NEAR THE SENSITIVE FEATURE MUST BE SUSPENDED IMMEDIATELY AND MAY NOT PROCEED UNTIL THE EXECUTIVE DIRECTOR HAS REVIEWED AND APPROVED THE METHODS PROPOSED TO PROTECT ANY SENSITIVE FEATURE AND THE EDWARDS AQUIFER FROM POTENTIAL ADVERSE IMPACTS TO WATER QUALITY FORM THE LIFT STATION.
 - CONSTRUCTION MAY CONTINUE IF THE GEOLOGIST CERTIFIES THAT NO SENSITIVE FEATURE OR FEATURES WERE PRESENT.
- IF ANY SENSITIVE FEATURES ARE DISCOVERED DURING THE WASTEWATER LINE TRENCHING ACTIVITIES, ALL REGULATED ACTIVITIES NEAR THE SENSITIVE FEATURE MUST BE SUSPENDED IMMEDIATELY. THE APPLICANT MUST IMMEDIATELY NOTIFY THE APPROPRIATE REGIONAL OFFICE OF THE TCEQ OF THE FEATURE DISCOVERY. A GEMOLOGISTS ASSESSMENT OF THE LOCATION AND EXTENT OF THE FEATURE DISCOVERED MUST BE REPORTED TO THAT REGIONAL OFFICE IN WRITING WITHIN TWO WORKING DAYS. THE APPLICANT MUST SUBMIT A PLAN FOR ENSURING THE STRUCTURAL INTEGRITY OF THE SEWER LINE OR FOR MODIFYING THE PROPOSED COLLECTION SYSTEM ALIGNMENT AROUND THE FEATURE. THE REGULATED ACTIVITIES NEAR THE SENSITIVE FEATURE MAY NOT PROCEED UNTIL THE EXECUTIVE DIRECTOR HAS REVIEWED AND APPROVED THE METHODS PROPOSED TO PROTECT THE SENSITIVE FEATURE AND THE EDWARDS AQUIFER FROM ANY POTENTIAL ADVERSE IMPACT TO WATER QUALITY WHILE MAINTAINING THE STRUCTURAL INTEGRITY OF THE LINE.
- ALL FORCE MAIN LINES MUST BE TESTED IN ACCORDANCE WITH 30 TAC §217.68. TESTING METHOD WILL BE:
 - A PRESSURE TEST MUST USE 50 POUNDS PER SQUARE INCH ABOVE THE NORMAL OPERATING PRESSURE OF A FORCE MAIN.
 - A TEMPORARY VALVE FOR PRESSURE TESTING MAY BE INSTALLED NEAR THE DISCHARGE POINT OF A FORCE MAIN AND REMOVED AFTER A TEST IS SUCCESSFULLY COMPLETED.
 - A PUMP ISOLATION VALVE MAY BE USED AS AN OPPOSITE TERMINATION POINT.
 - A TEST MUST INVOLVE FILLING A FORCE MAIN WITH WATER.
 - A PIPE MUST HOLD THE DESIGNATED TEST PRESSURE FOR A MINIMUM OF 4.0 HOURS.
 - THE LEAKAGE RATE MUST NOT EXCEED 10.0 GALLONS PER INCH DIAMETER PER MILE OF PIPE PER DAY.

AUSTIN REGIONAL OFFICE 12100 PARK 35 CIRCLE, BUILDING A AUSTIN, TEXAS 78753-1808 PHONE (512) 339-2929 FAX (512) 339-3795	SAN ANTONIO REGIONAL OFFICE 14250 JUDSON ROAD SAN ANTONIO, TEXAS 78233-4480 PHONE (210) 490-3096 FAX (210) 545-4329
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TXDOT GENERAL NOTES

- LIMITS OF TEMPORARY STAGING, STORAGE AND SPOIL AREAS SHALL BE LOCATED WITHIN APPROVED SITES ALONG THE CONSTRUCTION. THE LOCATION OF THESE SITES SHALL MOVE PERIODICALLY IN ORDER TO FOLLOW THE CONSTRUCTION ROUTE.
- EROSION/SEDIMENTATION CONTROL MEASURES SHALL BE IN PLACE AT EACH SITE. EACH SITE IS SUBJECT TO APPROVAL BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
- VEHICLES UTILIZED FOR CONSTRUCTION SHALL BE INSPECTED FOR TRACKING CONTROL. IF NECESSARY WHEELS SHALL BE MANUALLY SCRAPPED OR WASHED (IF WATER IS AVAILABLE) BEFORE DRIVING ON ANY ROADWAY.
- CONTRACTOR SHALL PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES TO REDUCE ON AND OFF-SITE HEALTH HAZARDS.
- FIELD REVISIONS TO THE EROSION/SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE ENGINEER OR THE OWNER'S REPRESENTATIVE DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES.
- NO MORE THAN 2,000 FEET OF CONSTRUCTION ZONE SHALL BE OPEN AT ANY ONE TIME WITH CLEAN-UP AND RESTORATION WORK OCCURRING BEFORE PROCEEDING TO THE NEXT SECTION. THE CONTRACTOR IS REQUIRED TO RESTORE ALL DISTURBED AREAS AS WORK PROGRESSES.
- A PRE-CONSTRUCTION MEETING SHALL BE HELD BEFORE CONSTRUCTION BEGINS.
- CONTRACTOR SHALL LOCATE ROCK BERMS DOWN STREAM OF ALL WATERWAY CROSSINGS.
- ALL AREAS WITHIN THE PUBLIC RIGHT-OF-WAY EXPOSED DURING CONSTRUCTION SHALL BE REVEGETATED AS DIRECTED BY THE ENGINEER. REVEGETATION OF ALL EXPOSED AREAS SHALL CONSIST OF SODDING, SEEDING OR HYDROSEEDING, AT CONTRACTOR'S OPTION.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CLEARANCES REQUIRED BY THE NATIONAL ELECTRICAL SAFETY CODE, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS AND TEXAS STATE LAW (VERNON'S ANNOTATED TEXAS STATUTES, ARTICLE 1436 (c)) PERTAINING TO CLEARANCES WHEN WORKING IN CLOSE PROXIMITY TO OVERHEAD ELECTRICAL LINES AND EQUIPMENT. ALL COST INCURRED BECAUSE OF FAILING TO COMPLY WITH THE REQUIRED CLEARANCES WILL BE CHARGED TO THE CONTRACTOR.
- ANY EXISTING PAVEMENT, CURBS, SIDEWALKS, OR DRAINAGE STRUCTURES WITHIN PUBLIC RIGHT-OF-WAY WHICH ARE DAMAGED, REMOVED, OR SILTED, WILL BE REPAIRED BY THE CONTRACTOR AT THEIR EXPENSE BEFORE APPROVAL OF THE CONSTRUCTION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE MAINTENANCE OF EACH EROSION/SEDIMENTATION CONTROL DEVICES/SCHEME BEING USED ON THE PROJECT, AND PROVIDE ADDITIONAL SILT FENCE FOR ANY OFF-SITE DISCHARGES OF SILTED WATER FROM EXCAVATIONS.
- ROAD DITCH SHALL BE GRADED EVENLY BETWEEN EXISTING CULVERTS. ALL CULVERTS SHALL BE CLEAN AND FREE OF DEBRIS DURING AND AFTER CONSTRUCTION.
- EXISTING VALVES AND METERS SHALL BE ADJUSTED TO PROPOSED GRADE ACCORDING TO CONSTRUCTION SPECIFICATIONS OF THE PROJECT MANUAL.
- ALL AREAS WHERE PROPOSED FORCE MAIN IS TO BE CONSTRUCTED WITHIN 10 FEET OF EDGE OF PAVEMENT SHALL BE BACKFILLED WITH FLOWABLE FILL.
- ANY DAMAGE TO EXISTING CONCRETE STRUCTURES MUST BE REPAIRED ACCORDING TO CONSTRUCTION SPECIFICATIONS OF THE PROJECT MANUAL.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING UP AND PROPERLY DISPOSING ALL SPILLED POLLUTANTS, INCLUDING OIL, PAINT, FUELS, ANTIFREEZE, SOLVENTS, ETC. CONTRACTOR SHALL KEEP ACCURATE RECORDS (SUCH AS RECEIPTS, COPIES OF ANALYTICAL RESULTS, ETC.) INDICATING PROPER DISPOSAL OF SPILLED MATERIALS. FURTHERMORE, CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL DISCHARGES FROM THE CONSTRUCTION AREA ARE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS. NO SUBSTANCE SHALL BE DUMPED OR LEAKED ONTO THE GROUND OR ALLOWED TO RUNOFF FROM THE CONSTRUCTION SITE THAT MIGHT CAUSE POLLUTION.
- EQUIPMENT SHALL BE CLEANED IN A MANNER THAT DOES NOT CREATE ANY DISCHARGE OF CLEANING AGENTS, PAINT, OIL OR OTHER POLLUTANTS TO A STORM SEWER OR WATERWAY.
- ANY TRASH OR DEBRIS MUST BE CONTAINED ON SITE AND DISPOSED IN A MANNER TO PREVENT WIND OR RAIN FROM CARRYING IT OFF-SITE INTO A STORM DRAIN OR WATERWAY.
- ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS OF THE UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), IN COMPLIANCE WITH TEXAS HOUSE BILLS 662 AND 665.
- CONTRACTOR SHALL PROVIDE "AS-BUILT" FORCE MAIN PLANS BEFORE FINAL INSPECTION. THE PLANS SHALL LIST MATERIAL MANUFACTURERS, LINE LENGTH FROM FITTING TO FITTING, AND GIS/GPS LOCATION.

EXPLANATION

EXISTING				EXPLANATION			
	UTILITY POLE		RIGHT-OF-WAY		UNDERGROUND ELECTRICAL LINE		FIBER OPTIC LINE
	GUY ANCHOR		EASEMENT		FORCE MAIN		OVERHEAD CABLE TELEVISION LINE
	LUMINAIRE POLE		CONSTRUCTION EASEMENT		STORM PIPE		NATURAL GAS LINE
	SEWER MANHOLE		FENCE		WATER LINE		NATURAL GAS VALVE
	UTILITY VAULT		PROPERTY LINE		UNDERGROUND CABLE/TELEVISION LINE		100 YEAR FLOODPLAIN
	SIGN		OVERHEAD ELECTRICAL LINE		UNDERGROUND TELEPHONE LINE		EXISTING GUARDRAIL

PROPOSED

	PROPOSED FORCE MAIN STRUCTURE		DITCH FLOW LINE (BY OTHERS)		ILLUMINATION STRUCTURES (BY OTHERS)
	PROPOSED FORCE MAIN		PROPOSED UNDERGROUND TELEPHONE (BY OTHERS)		PROPOSED DRAINAGE FEATURE (BY OTHERS)
	ABANDON FORCE MAIN		PROPOSED FIBER OPTIC (BY OTHERS)		PROPOSED STORM LINE (BY OTHERS)
	REMOVE FORCE MAIN		UNDERGROUND ELECTRIC (BY OTHERS)		PROPOSED SIGNS (BY OTHERS)
	ROADWAY (BY OTHERS)		RIP RAP (BY OTHERS)		PROPOSED CULVERT (BY OTHERS)
	STEEL CASING				PROPOSED STREET LIGHT (BY OTHERS)

ABBREVIATIONS

ANSI	AMERICAN NATIONAL STANDARD INSTITUTE	DR	DIMENSION RATIO	GPS	GLOBAL POSITIONING SYSTEM	NSF	NATIONAL SANITATION FOUNDATION	PVC	POLYVINYL CHLORIDE	SWPPP	STORM WATER POLLUTION PREVENTION PLAN
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS	E	EAST	GIS	GEOGRAPHIC INFORMATION SYSTEM	N	NORTH	ROW	RIGHT-OF-WAY	TAC	TEXAS ADMINISTRATIVE CODE
AWWA	AMERICAN WATER WORKS ASSOCIATION	ELEC.	ELECTRIC	HDD	HORIZONTAL DIRECTIONAL DRILL	OC	ON CENTER	RD	ROAD	TCEQ	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
AVE	AVENUE	EXP.	EXPANSION	HDPE	HIGH DENSITY POLYETHYLENE	OCEW	ON CENTER EACH WAY	SH	STATE HIGHWAY	TMUTCD	TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
CL	CENTERLINE	FM	FARM TO MARKET	LN	LANE	OD	OUTSIDE DIAMETER	SHT	SHEET	TYP.	TYPICAL
Ø	DIAMETER	FT.	FOOT/FEET	LF	LINEAR FEET	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	STD.	STANDARD		
DI	DUCTILE IRON	GA.	GAUGE	MJ	MECHANICAL JOINT	PSI	POUNDS PER SQUARE INCH	STA.	STATION		
				NO	NUMBER						

PROJECT LOCATION NOTES

1. BEGIN PROJECT:
- LATITUDE: 29° 33' 39.41" N
LONGITUDE: -98° 01' 49.73" E
- END PROJECT:
- LATITUDE: 29° 34' 14.7" N
LONGITUDE: -98° 00' 46.98" E

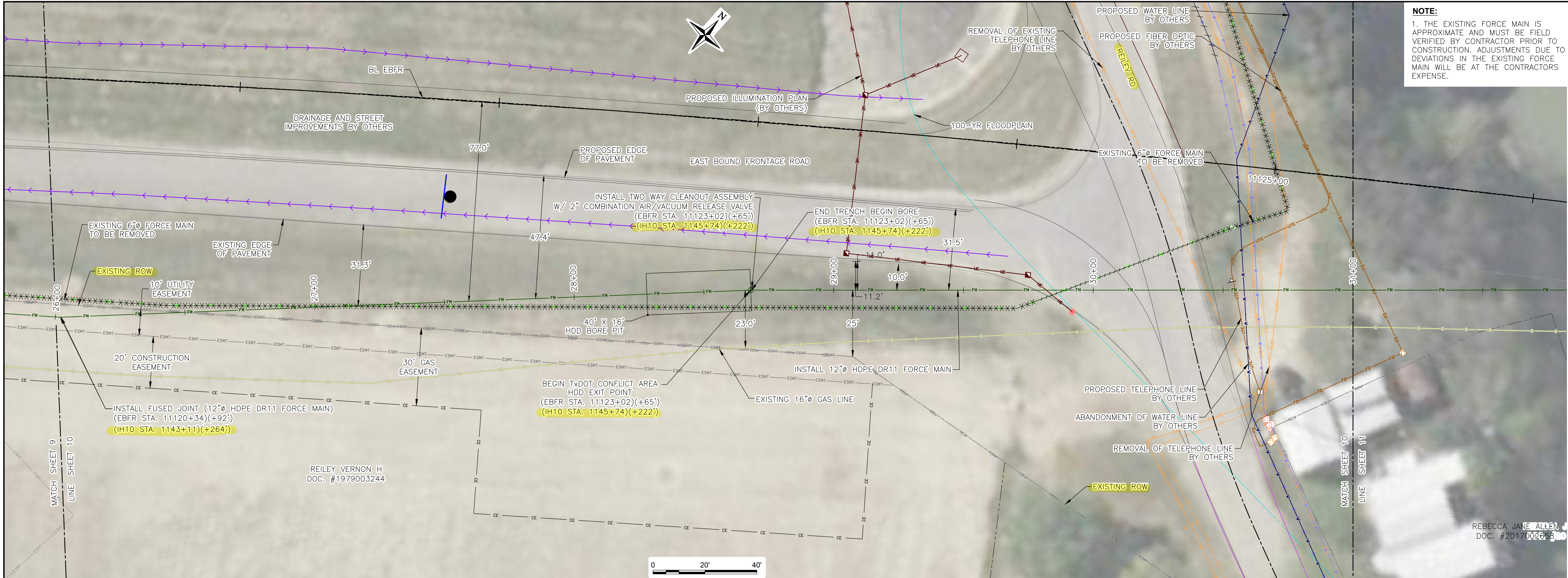
EXPLANATION AND NOTES
(1 OF 2)

IH-10 FORCE MAIN RE-ALIGNMENT
CITY OF SEGUIN
GUADALUPE COUNTY, TEXAS

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HENRY L. COMPTON
TYPE OR PRINT NAME
11/1/88
DATE

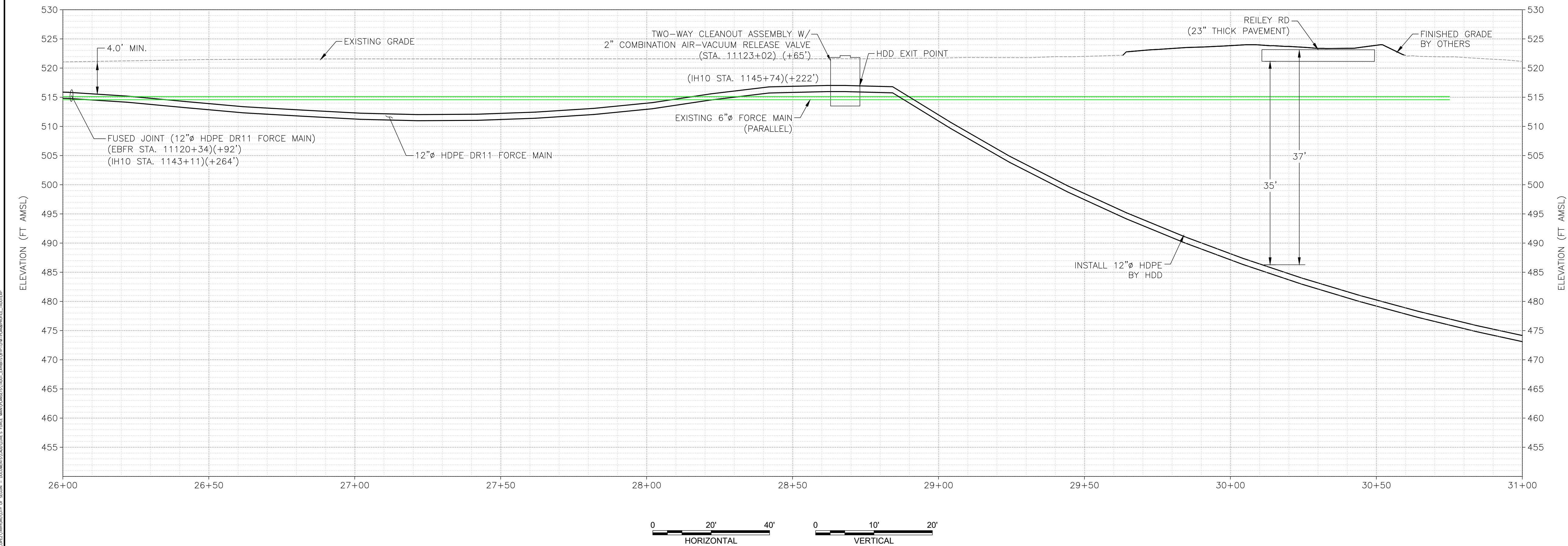
DRAWN BY: JM	DESIGNED BY: MM	CHECKED BY: HC	SCALE: NONE	DATE: 05/02/2025	PR. NO: 81P-002-001	FILE: 81P-002-001-TXDOTBP
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Texas Survey Firm T0194-020
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1872 Independence Drive Suite 315
New Braunfels, Texas 78130
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Austin, Texas 78745
(P) 512.442.3008 (F) 512.448.7811
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NOTE:
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A		05/02/2025	
REV.		DATE	
TXDOT SUBMITTAL		DESCRIPTION	
JM		BY	
HC		CHKD	



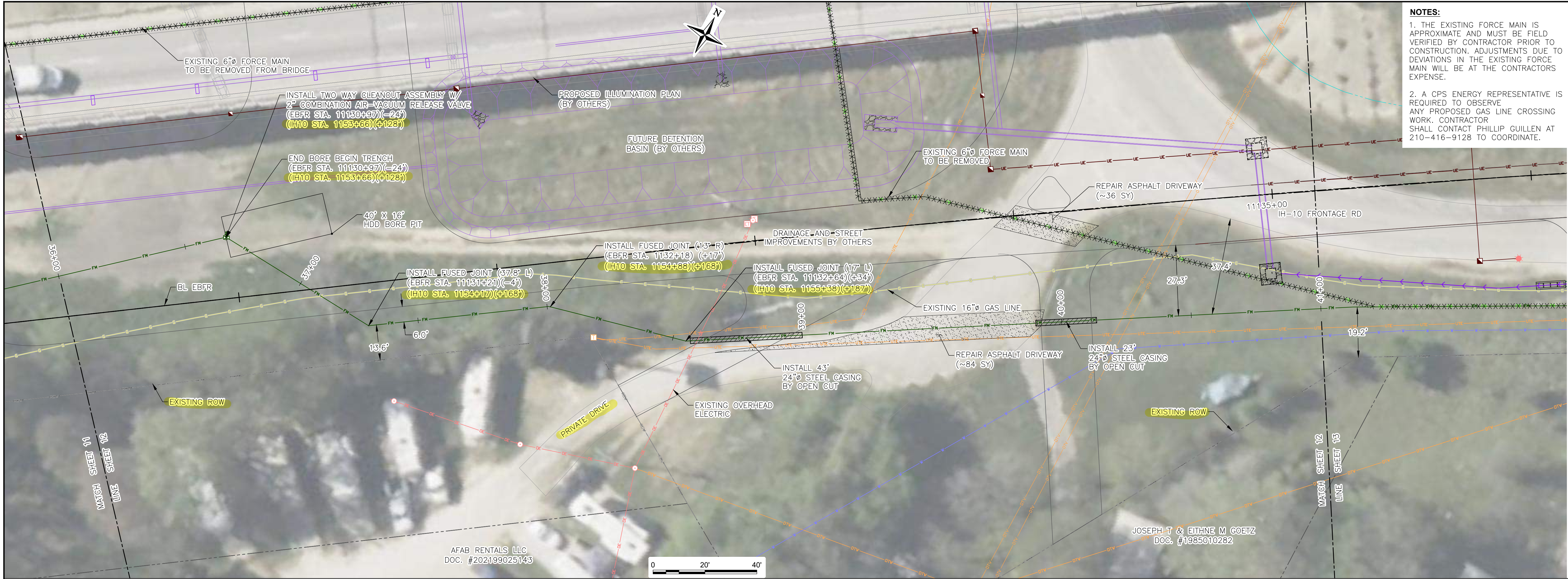
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IH-10 FORCE MAIN PLAN AND PROFILE
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IH-10 FORCE MAIN RE-ALIGNMENT
CITY OF SEGUIN
GUADALUPE COUNTY, TEXAS

SHEET
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10 OF 28
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NOTES:

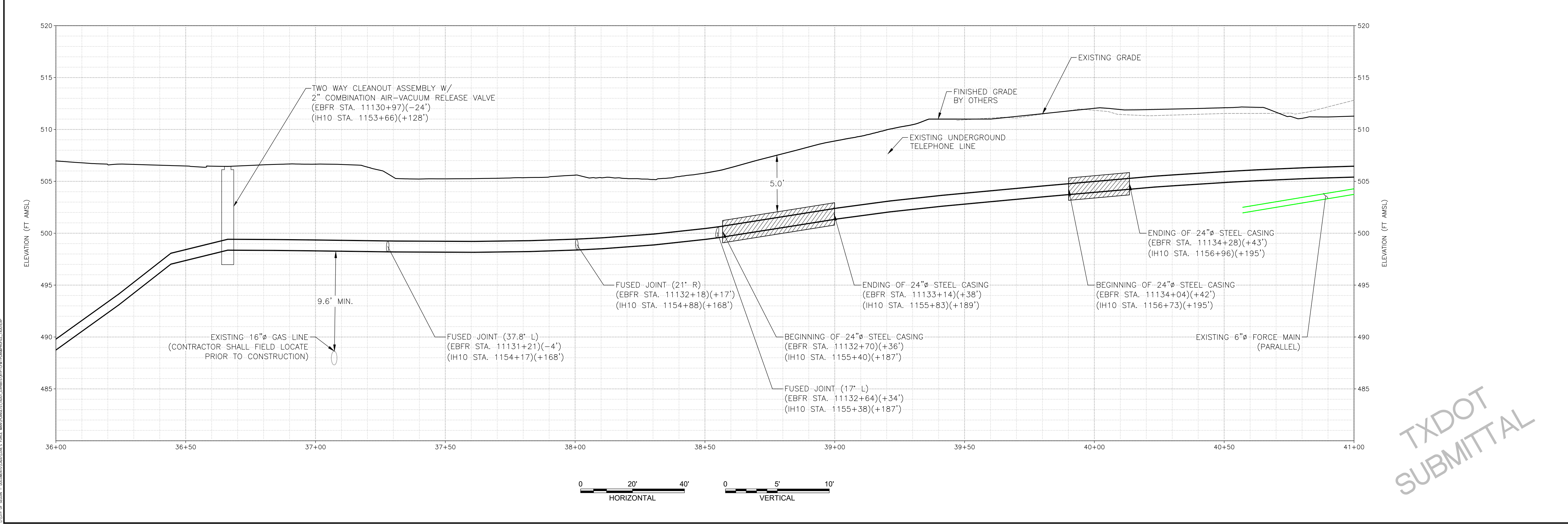
1. THE EXISTING FORCE MAIN IS APPROXIMATE AND MUST BE FIELD VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. ADJUSTMENTS DUE TO DEVIATIONS IN THE EXISTING FORCE MAIN WILL BE AT THE CONTRACTORS EXPENSE.

2. A CPS ENERGY REPRESENTATIVE IS REQUIRED TO OBSERVE ANY PROPOSED GAS LINE CROSSING WORK. CONTRACTOR SHALL CONTACT PHILLIP GUILLEN AT 210-416-9128 TO COORDINATE.

REV.		DATE	DESCRIPTION	REVISIONS	
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				BY	CHKD

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SCALE: AS SHOWN
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FILE: 81P-002-001-001001



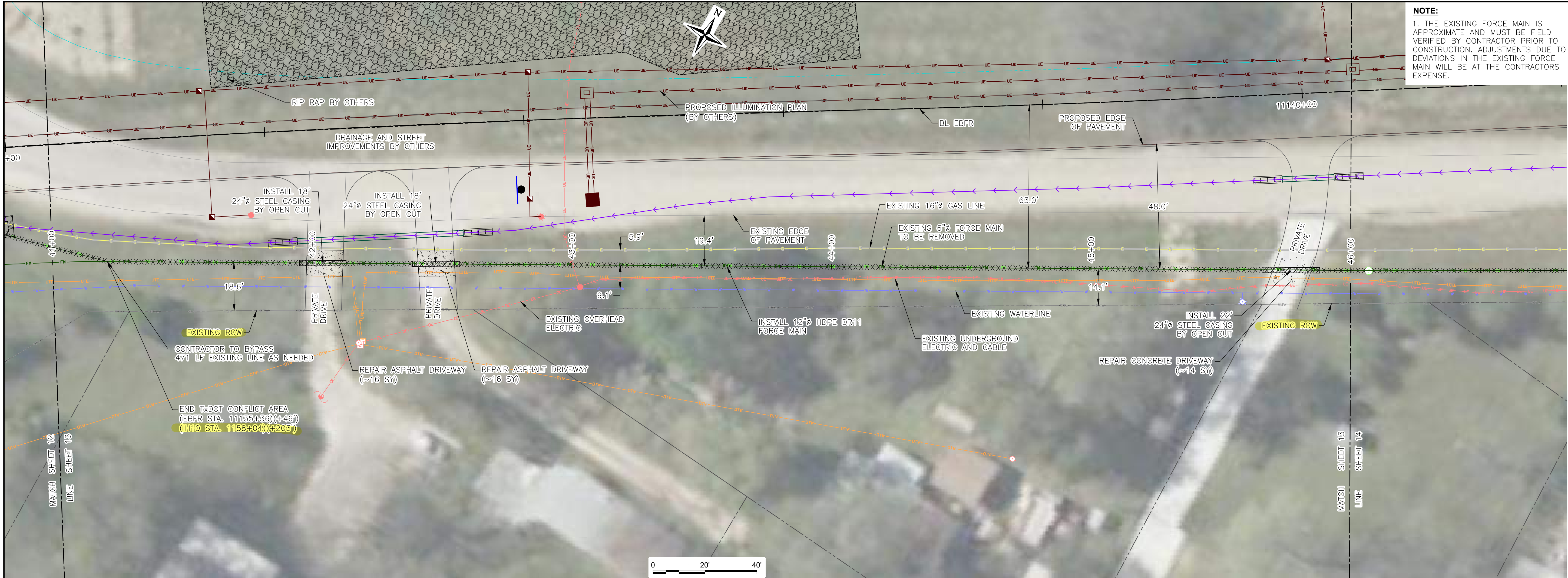
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IH-10 FORCE MAIN PLAN AND PROFILE
(STA. 36+00 TO STA. 41+00)

IH-10 FORCE MAIN RE-ALIGNMENT
CITY OF SEGUIN
GUADALUPE COUNTY, TEXAS

SHEET
12
12 OF 28
A

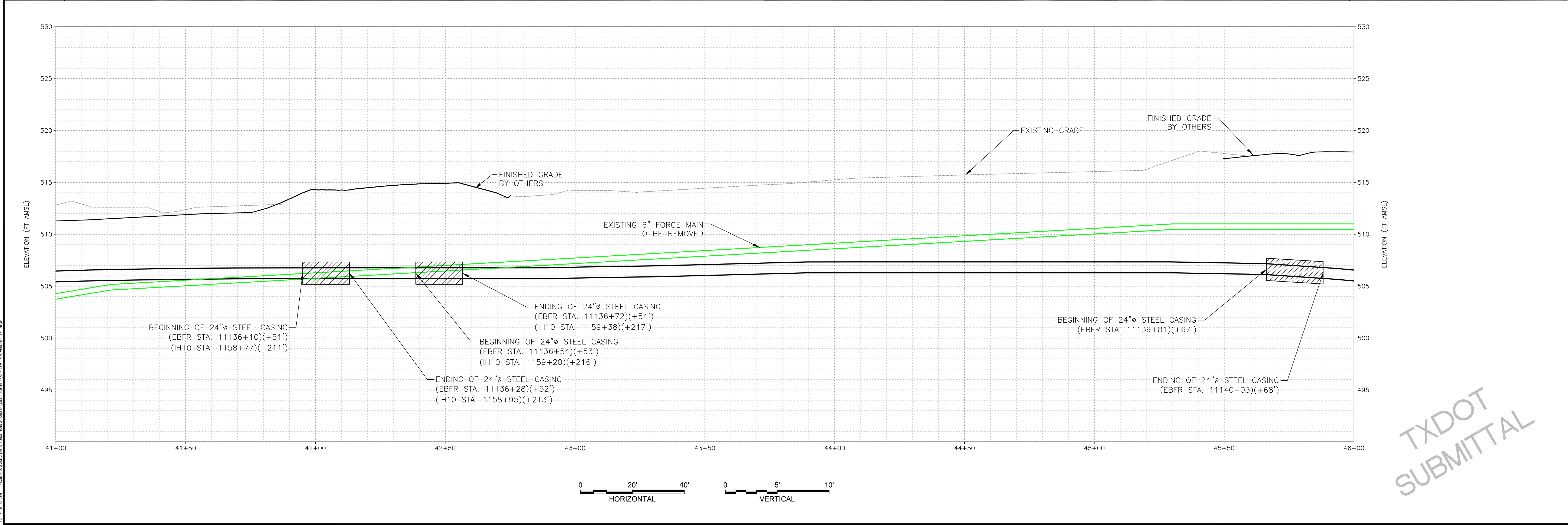


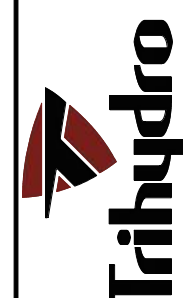
NOTE:
1. THE EXISTING FORCE MAIN IS APPROXIMATE AND MUST BE FIELD VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. ADJUSTMENTS DUE TO DEVIATIONS IN THE EXISTING FORCE MAIN WILL BE AT THE CONTRACTORS EXPENSE.

REV.	DATE	REVISIONS	
		DESCRIPTION	BY
A	05/02/2025	TXDOT SUBMITTAL	JM
			HC
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P.E. NO.
02/20/25
DATE

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DESIGNED BY: MM
CHECKED BY: HC
SCALE: AS SHOWN
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PR. NO: 81P-002-001
FILE: 81P-002-001-001

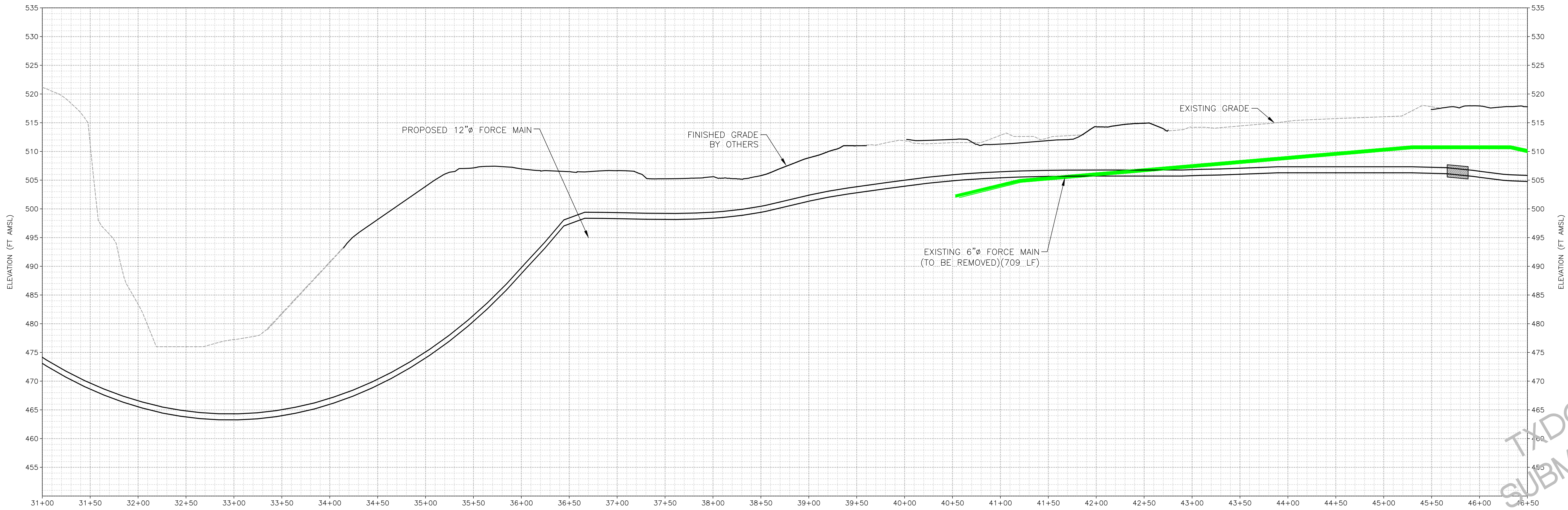




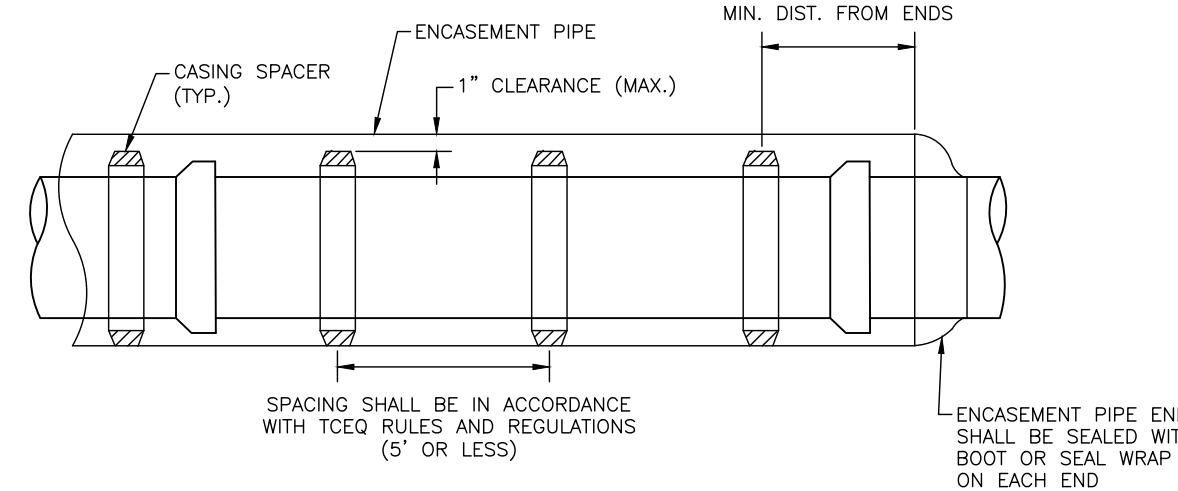
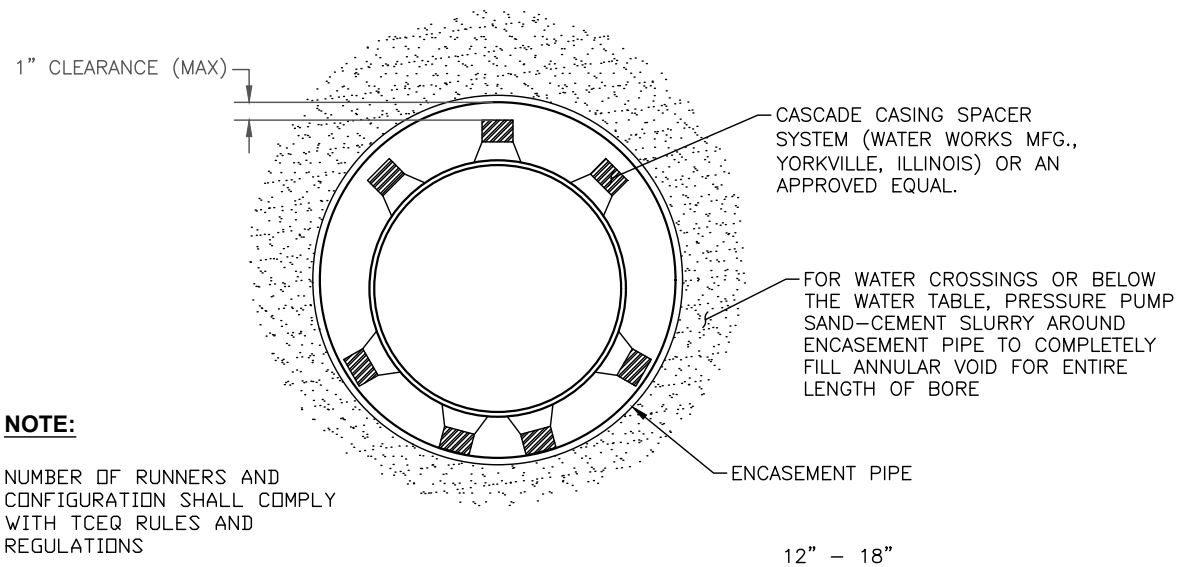
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City of Seguin - Documents\CONVOY FORCE MAIN\PROJECT\Tribhydro\13-14-PLAN\PROFILE.TXDTPR

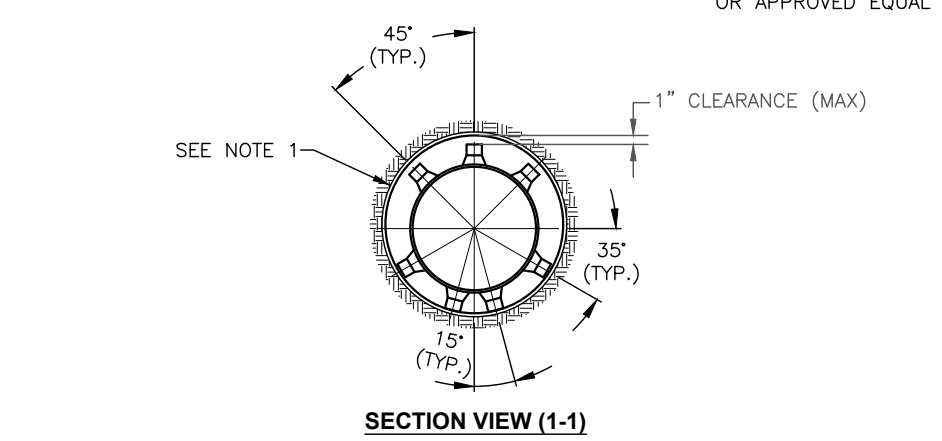
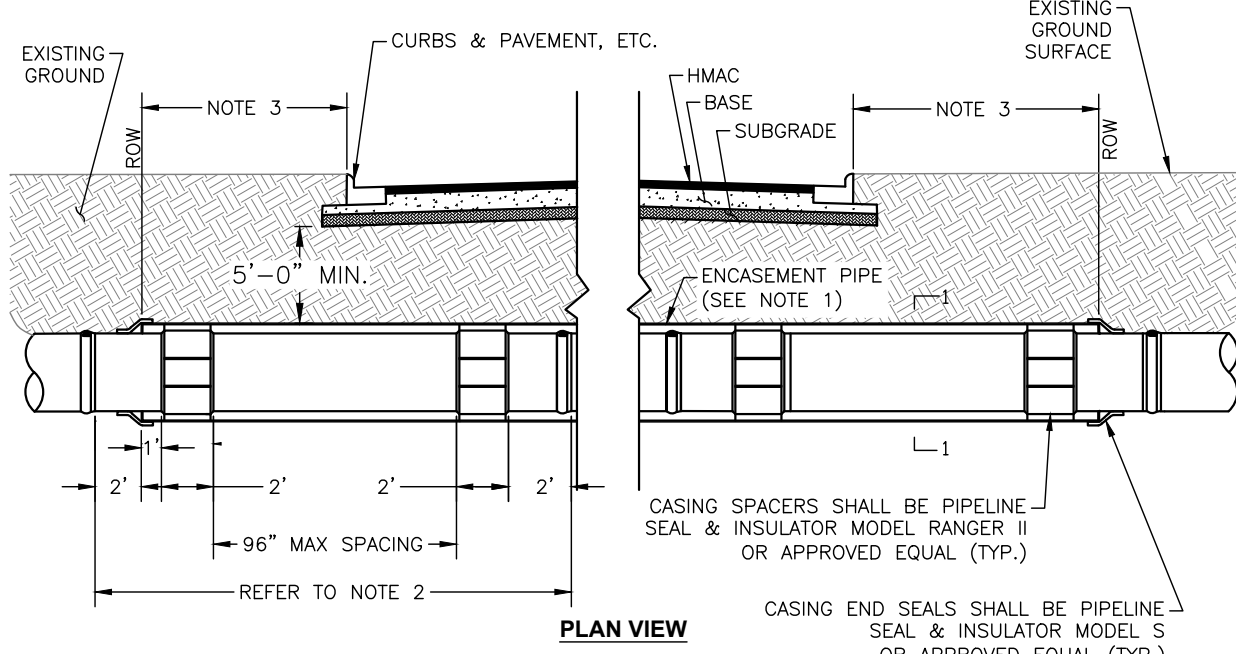
IH-10 FORCE MAIN PLAN AND PROFILE (STA. 41+00 TO STA. 46+00)	
IH-10 FORCE MAIN RE-ALIGNMENT CITY OF SEGUIN GUADALUPE COUNTY, TEXAS	
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A	



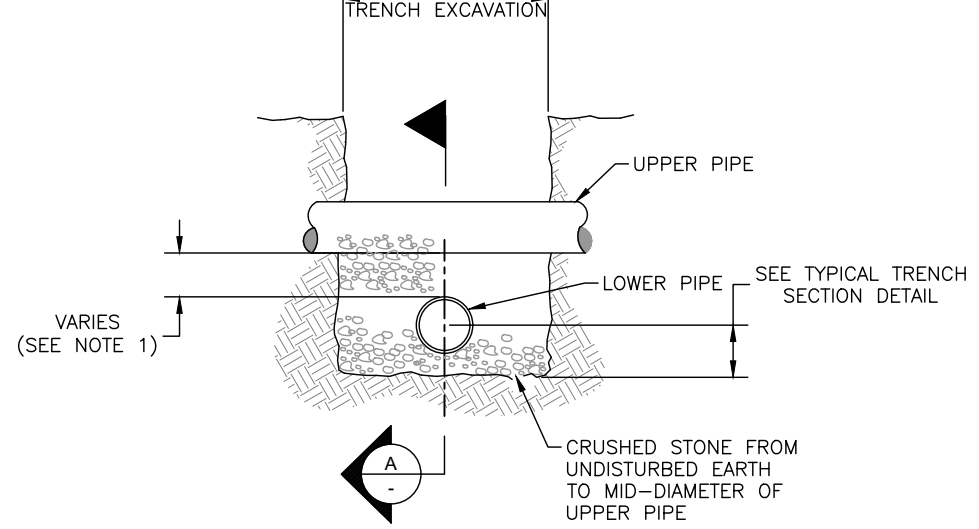
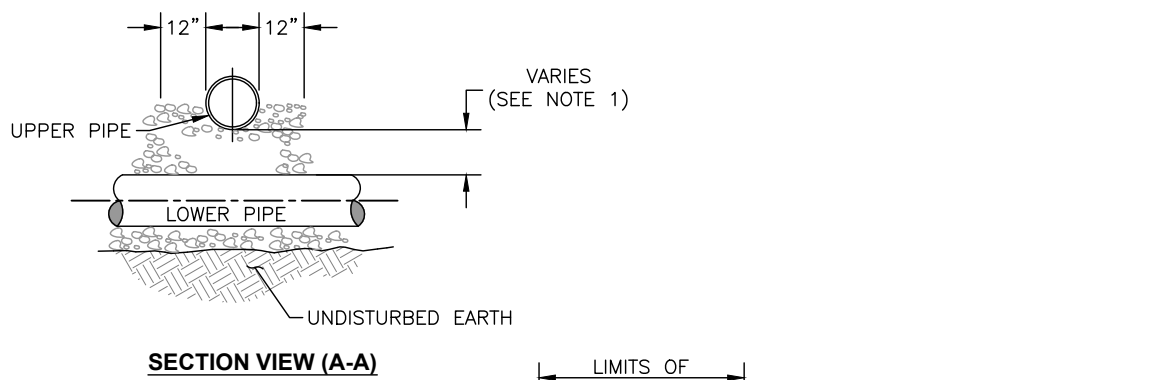
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- NOTES:**
- ALL PIPE IN ENCASEMENT PIPE SHALL BE RESTRAINED WITH AN APPROVED METHOD FOR ENTIRE LENGTH OF THE ENCASEMENT PIPE PLUS 10 FEET ON EACH SIDE.
 - FOR A PIPE 20 FEET IN LENGTH, A MINIMUM OF 5 SPACERS ARE REQUIRED. FOR A PIPE 13 FEET IN LENGTH, A MINIMUM OF 3 SPACERS ARE REQUIRED.
 - AT ANY ROADWAY CROSSING THE PIPE SHALL BE STEEL ENCASED AND HAVE A MINIMUM OF 5 FEET OF COVER FROM THE BOTTOM OF THE BASE MATERIAL.
 - FOR ROAD WAY CROSSINGS, THE ENDS OF THE CASING PIPE SHALL EXTEND TO THE RIGHT OF WAY LINES.
 - ALL PIPE FITTINGS, VALVES, AND APPURTENANCES SHALL MATCH OR EXCEED CLASS RATING OF PIPE AS SHOWN ON THE PLANS.



- NOTES:**
- ENCASEMENT PIPE SHALL BE NEW STEEL PIPE MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD C200, LATEST EDITION.
 - ALL PIPE JOINTS WITHIN THE CASING ARE TO BE RESTRAINED WITH AN APPROVED METHOD FOR ENTIRE LENGTH OF THE ENCASEMENT PIPE PLUS 10 FEET ON EACH SIDE.
 - FOR ROAD WAY CROSSINGS, THE ENDS OF THE CASING PIPE SHALL EXTEND 10 FEET PAST THE EDGE OF PAVEMENT OR TO THE RIGHT OF WAY, WHICHEVER IS CLOSER.
 - FOR TxDOT ROAD WAY CROSSINGS, CASING PIPE SHALL EXTEND 2 FEET PAST THE RIGHT OF WAY.
 - ALL PIPE FITTINGS, VALVES, AND APPURTENANCES SHALL MATCH OR EXCEED PIPE CLASS RATING AS SHOWN ON THE PLANS.
 - MINIMUM CASING PIPE THICKNESS SHALL BE 0.375 INCHES WITH A TENSILE STRENGTH OF 60 KSI.



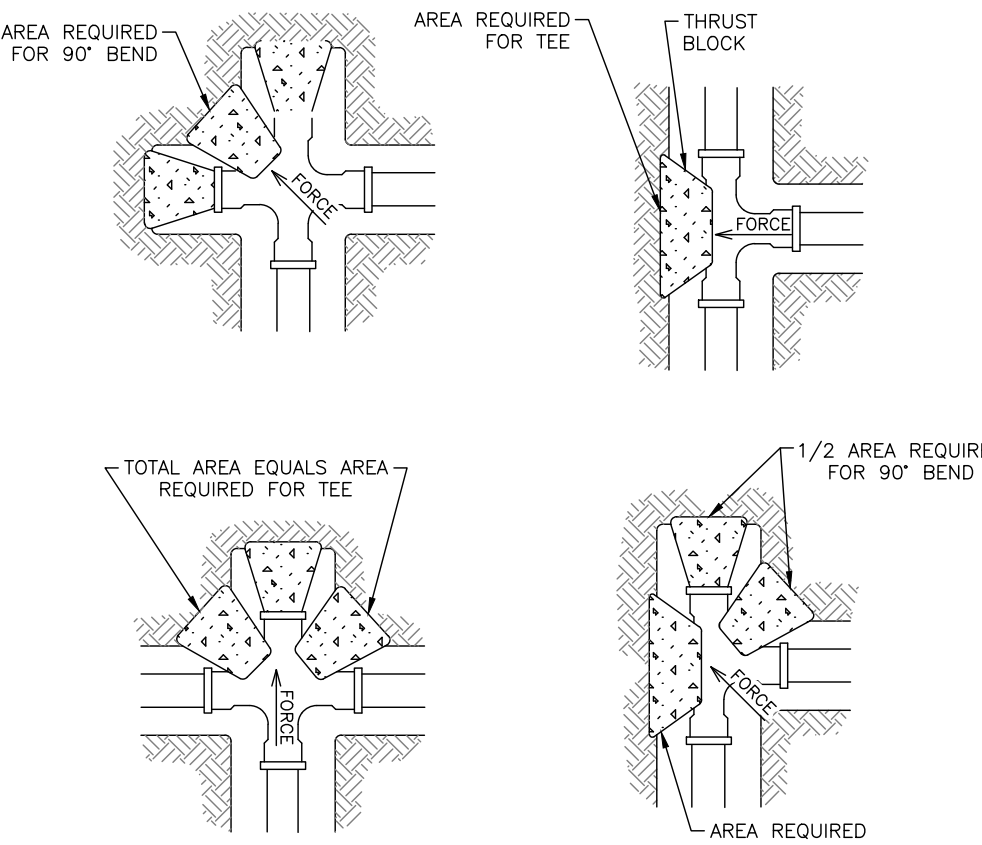
- NOTES:**
- MAINTAIN A MINIMUM 5 FOOT HORIZONTAL AND 2 FOOT VERTICAL SEPARATION FROM BETWEEN UTILITIES AND WATER AND WASTEWATER PIPES AND SERVICES, GAS, ELECTRIC, CABLE, ETC. TO BE LOCATED OPPOSITE SIDES OF PROPERTIES.
 - UTILITY CROSSINGS SEPARATED BY LESS THAN 5 FEET SHALL BE ENCASED WITH A MINIMUM OF 6 INCHES OF CONCRETE.
 - SPECIFICATIONS: BEDDING MATERIAL MUST BE APPROVED IN ACCORDANCE WITH SECTION 01300 SUBMITTALS PRIOR TO COMMENCEMENT OF WORK.
 - PIPE JOINTS SHALL BE AT LEAST 9 FEET HORIZONTALLY FROM CROSSINGS.

1 ENCASEMENT DETAIL WITH ENCASEMENT SPACERS
SCALE: NONE

2 INSTALLATION OF PIPE IN STEEL ENCASEMENT UNDER ROADS
SCALE: NONE

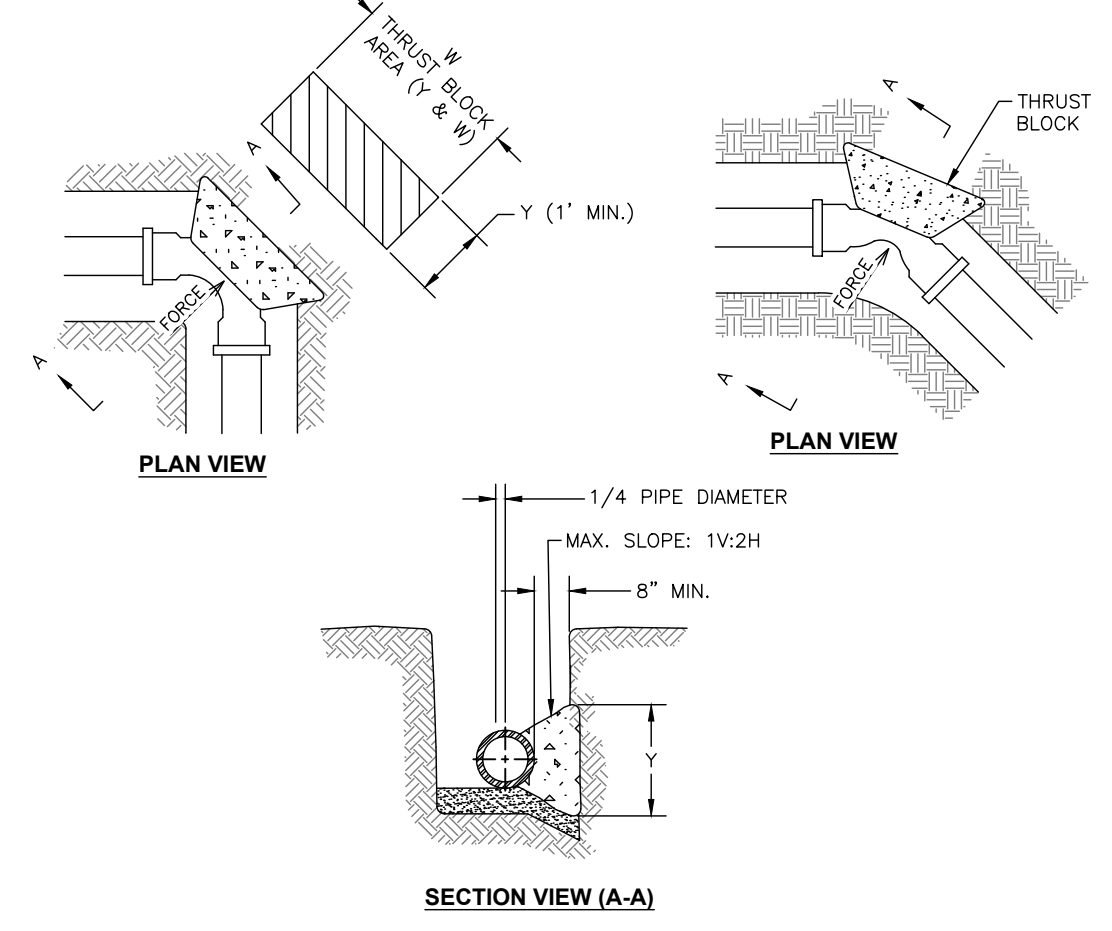
3 TYPICAL JACKING BORING AND TUNNELING DETAIL
SCALE: NONE

4 UTILITIES CROSSING DETAIL
SCALE: NONE



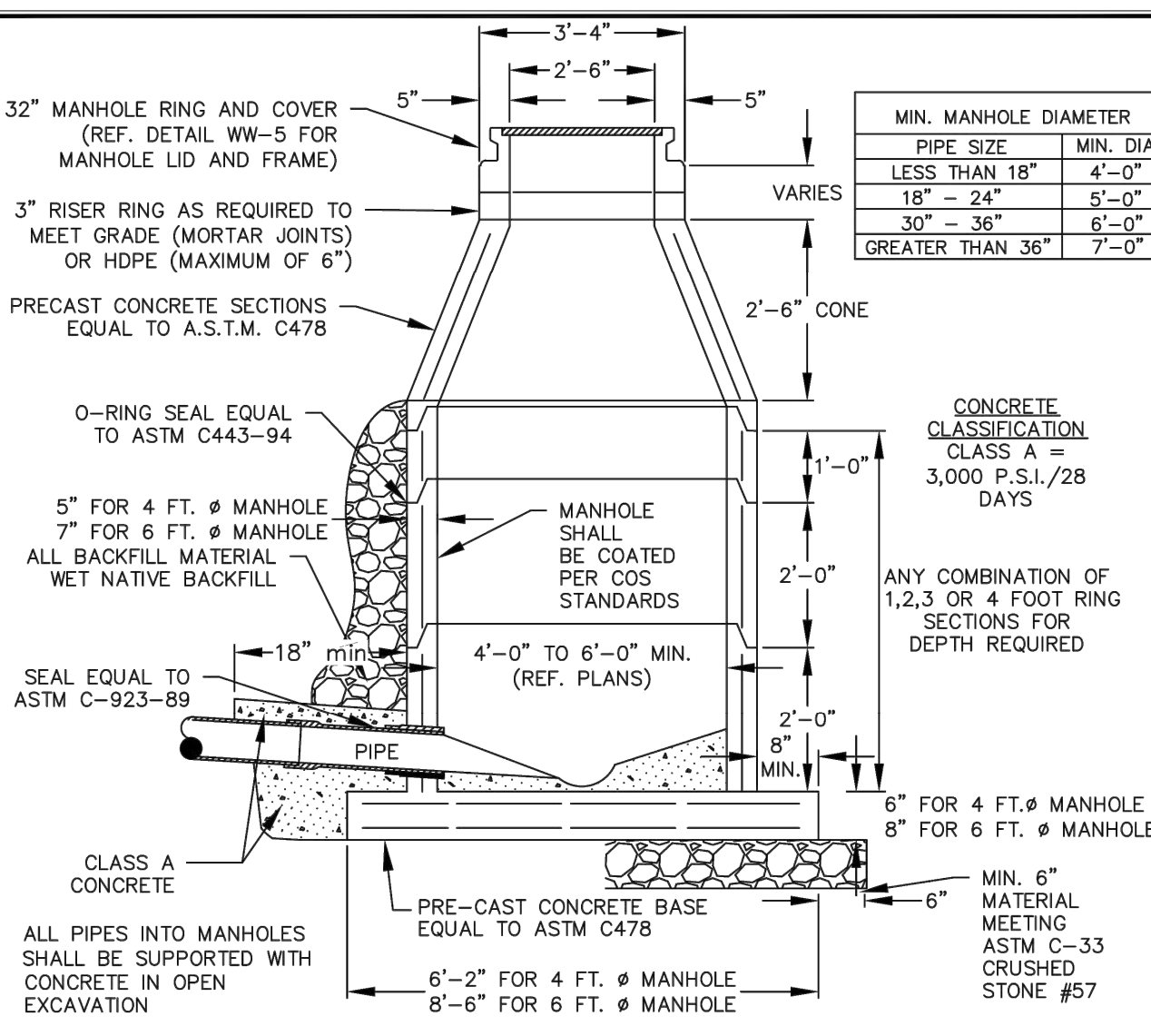
PIPE SIZE	PRESSURE PIPE	
	TEE, DEAD END, 90° BEND	45° AND 22.5° BENDS
4" & LESS	3 SQ. FEET	3 SQ. FEET
6"	4 SQ. FEET	3 SQ. FEET
8"	6 SQ. FEET	3 SQ. FEET
10"	9 SQ. FEET	5 SQ. FEET
12"	13 SQ. FEET	7 SQ. FEET
16"	23 SQ. FEET	12 SQ. FEET
18"	29 SQ. FEET	15 SQ. FEET

- NOTES:**
- TABLE IS BASED ON SOILS WITH A MINIMUM BEARING CAPACITY OF 3,000 PSF. IF CONDITIONS ARE FOUND TO INDICATE SOIL BEARING IS LESS, THE AREAS SHALL BE INCREASED ACCORDINGLY.
 - AREAS FOR PIPE LARGER THAN 18 INCHES SHALL BE RESTRAINED.
 - THRUST BLOCKS SHALL EXTEND TO UNDISTURBED GROUND. CONCRETE SHALL BE CLASS "C" (MIN. 2,500 PSI).



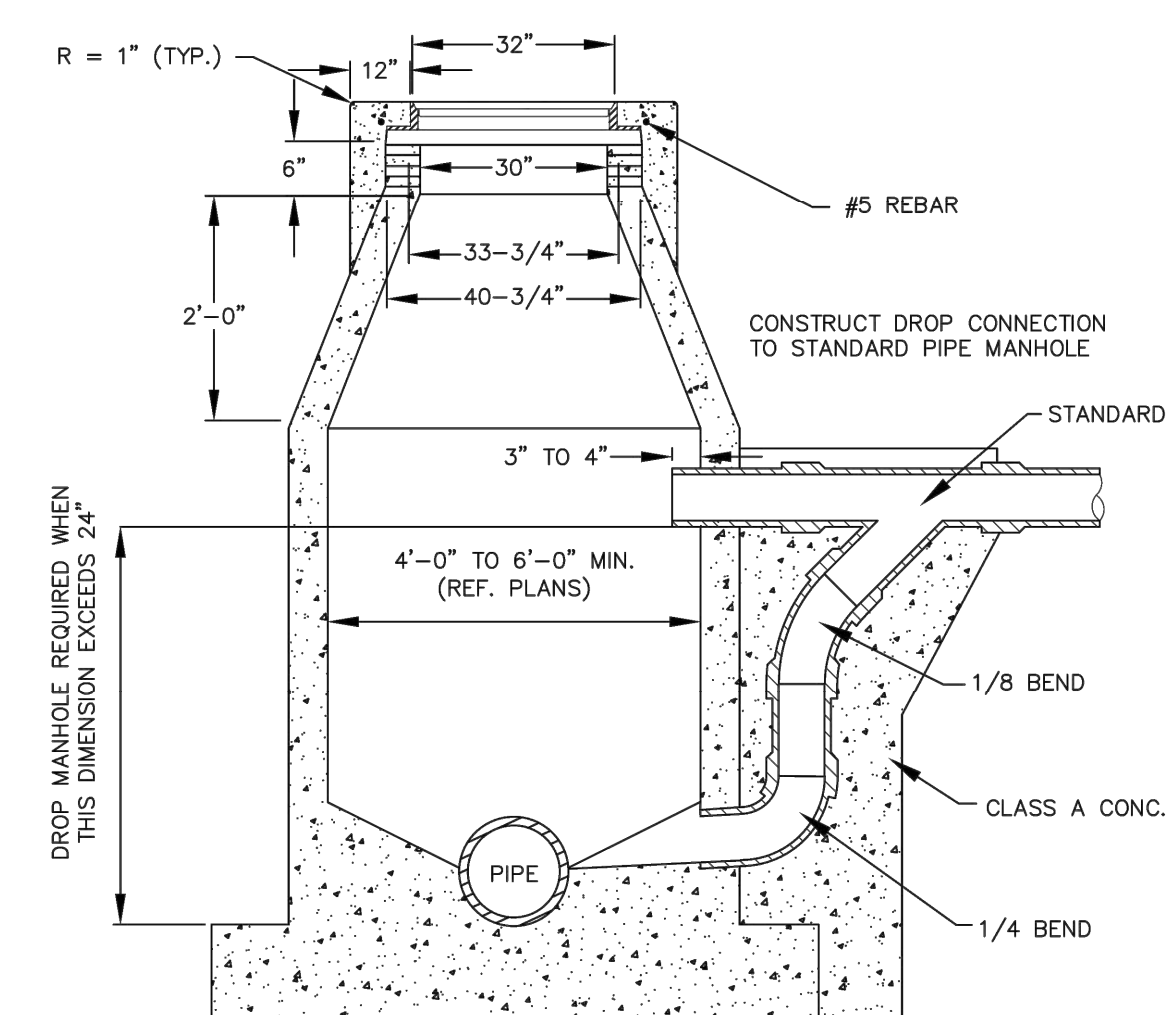
PIPE SIZE	PRESSURE PIPE	
	TEE, DEAD END, 90° BEND	45° AND 22.5° BENDS
4" & LESS	3 SQ. FEET	3 SQ. FEET
6"	4 SQ. FEET	3 SQ. FEET
8"	6 SQ. FEET	3 SQ. FEET
10"	9 SQ. FEET	5 SQ. FEET
12"	13 SQ. FEET	7 SQ. FEET
16"	23 SQ. FEET	12 SQ. FEET
18"	29 SQ. FEET	15 SQ. FEET

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 - AREAS FOR PIPE LARGER THAN 18 INCHES SHALL BE RESTRAINED.
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PIPE SIZE	PRESSURE PIPE	
	TEE, DEAD END, 90° BEND	45° AND 22.5° BENDS
4" & LESS	3 SQ. FEET	3 SQ. FEET
6"	4 SQ. FEET	3 SQ. FEET
8"	6 SQ. FEET	3 SQ. FEET
10"	9 SQ. FEET	5 SQ. FEET
12"	13 SQ. FEET	7 SQ. FEET
16"	23 SQ. FEET	12 SQ. FEET
18"	29 SQ. FEET	15 SQ. FEET

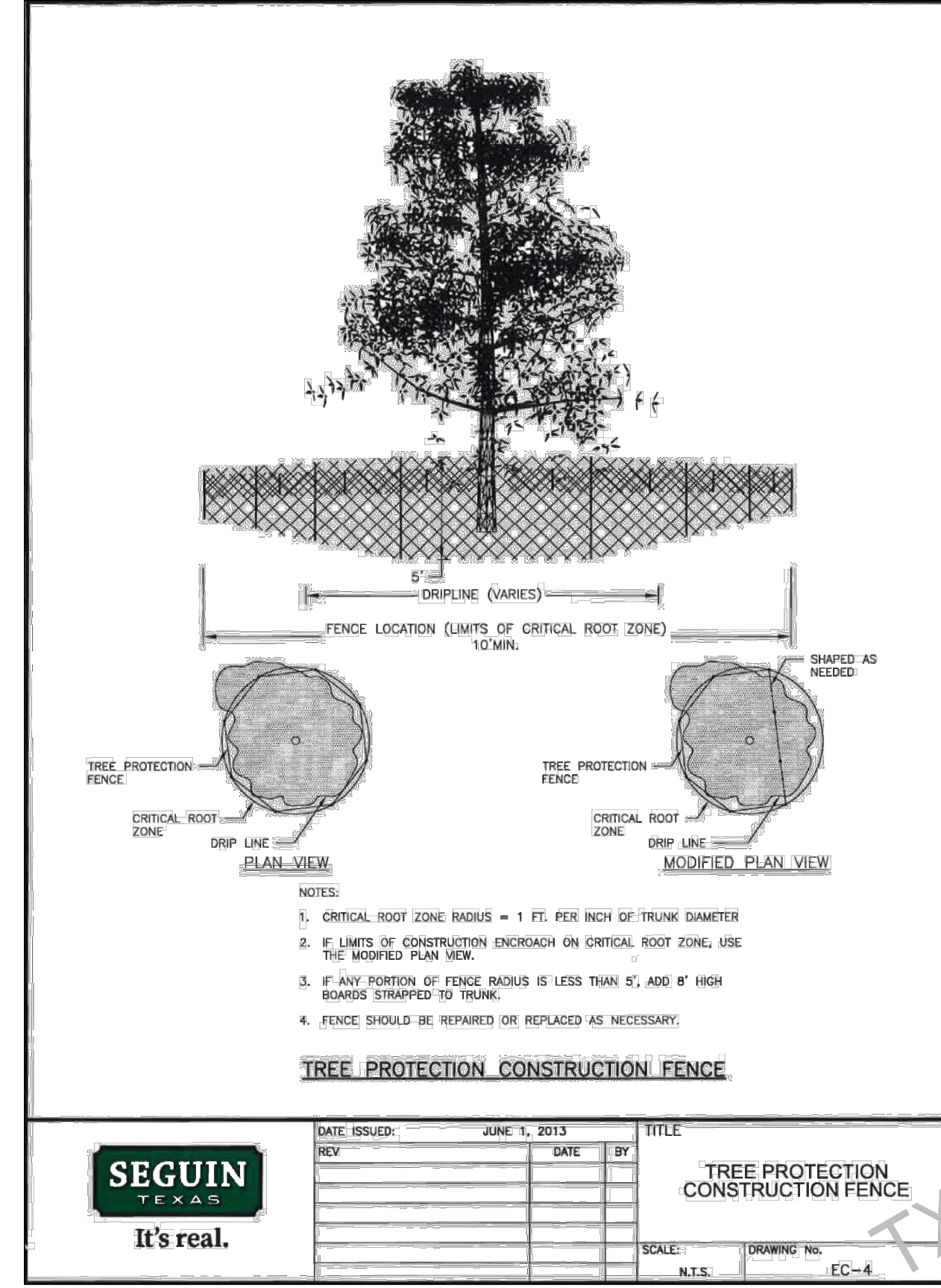
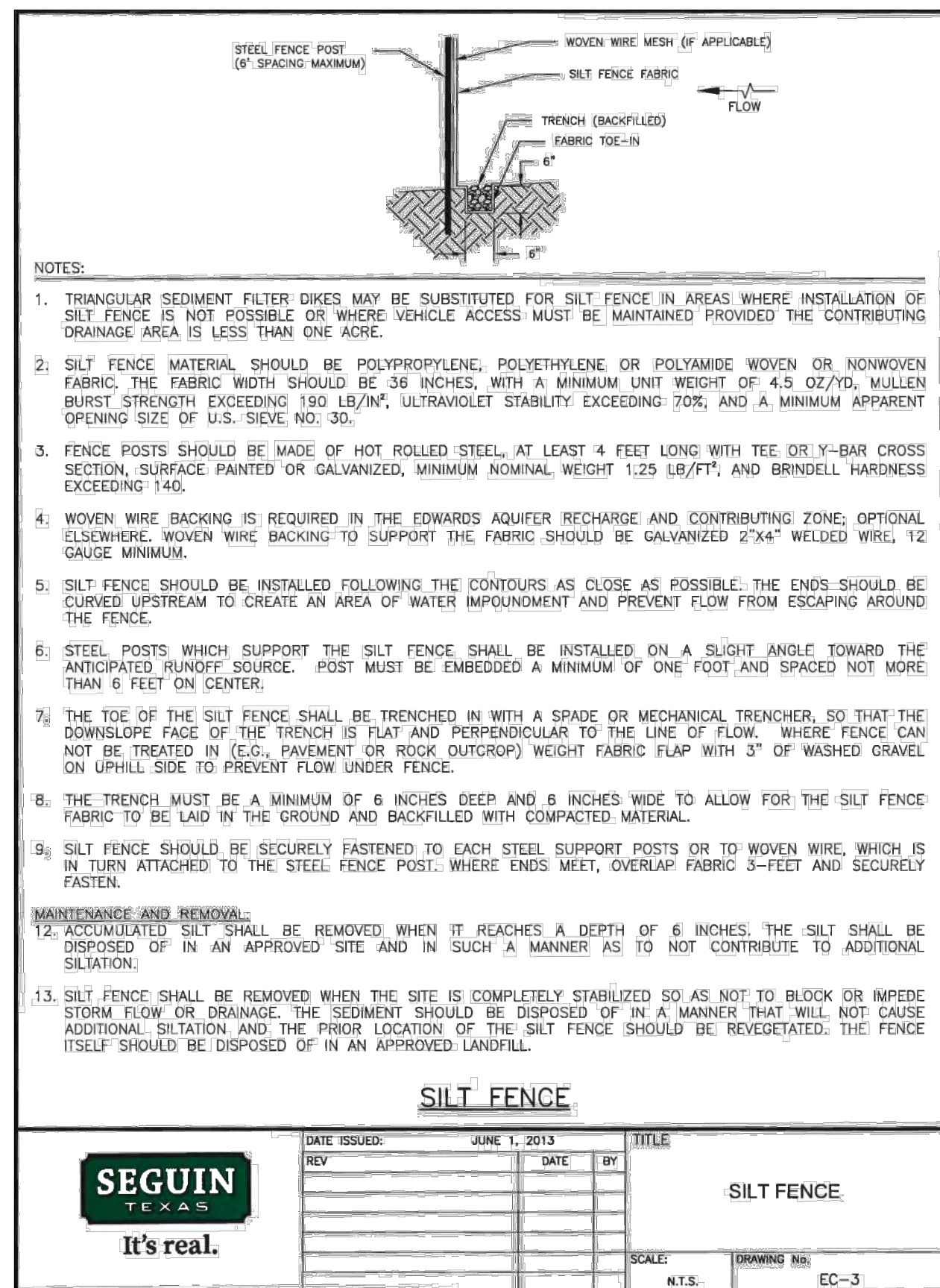
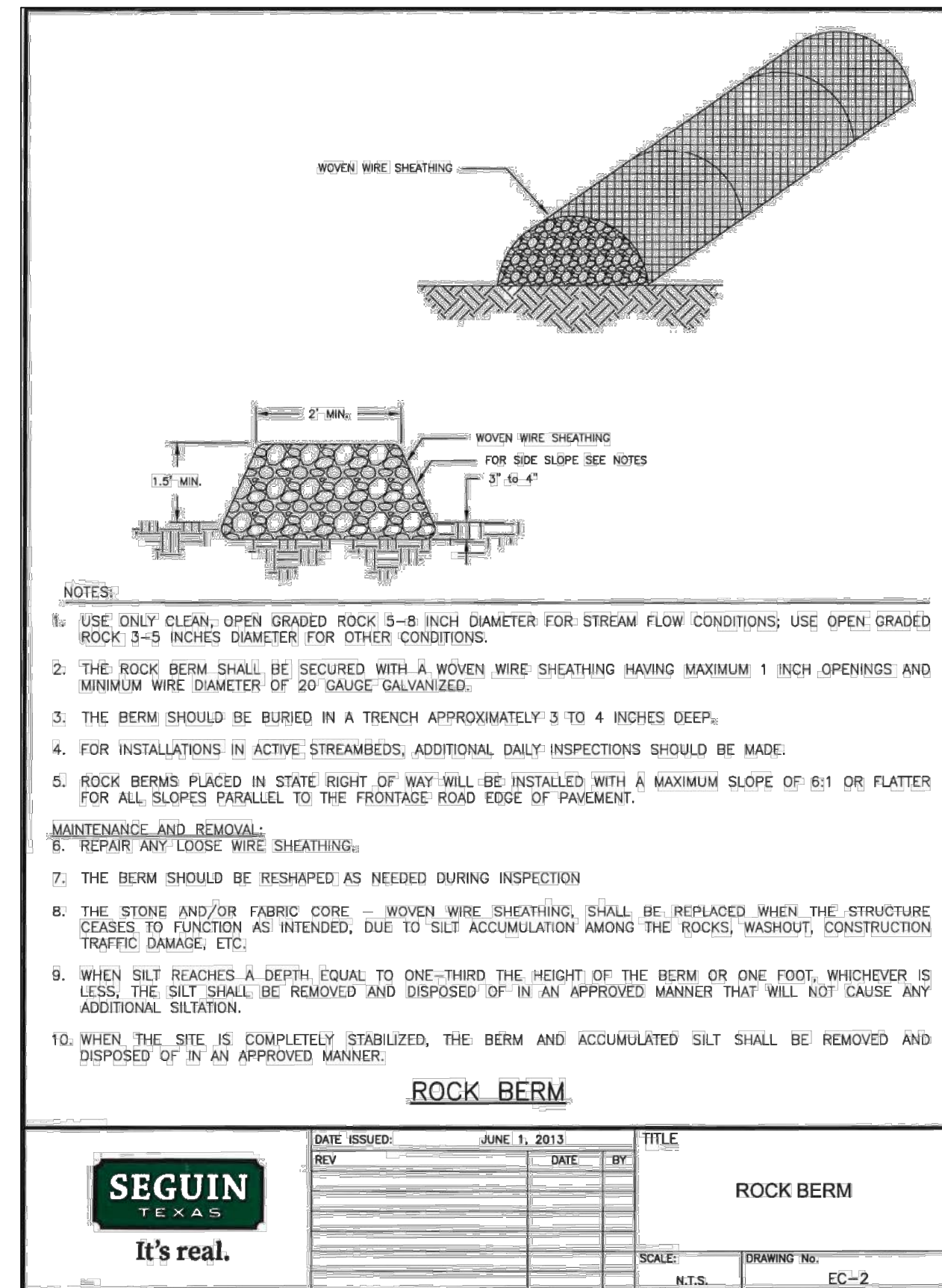
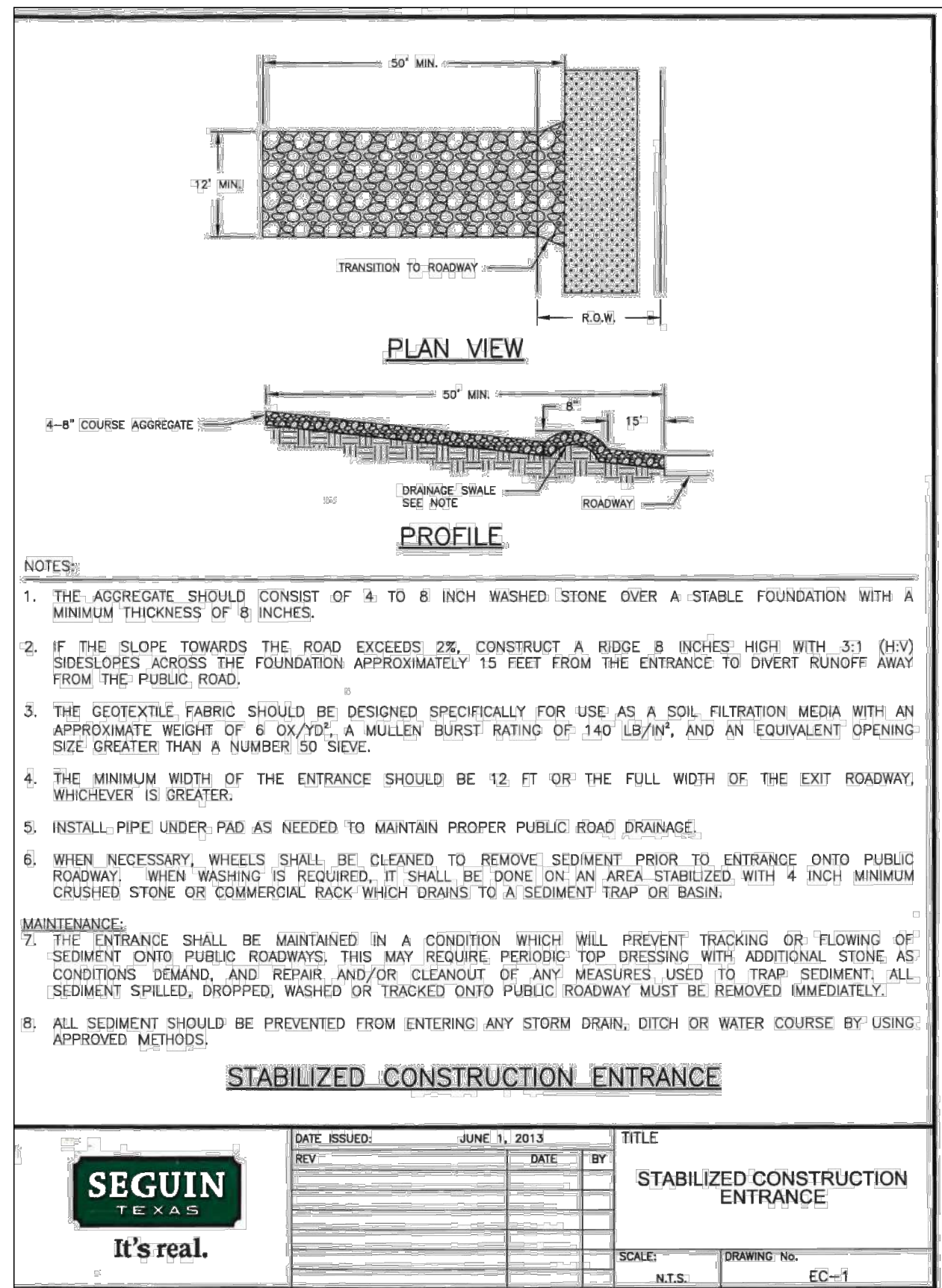
7 SANITARY SEWER PRECAST CONCRETE MANHOLE
SCALE: NONE



PIPE SIZE	PRESSURE PIPE	
	TEE, DEAD END, 90° BEND	45° AND 22.5° BENDS
4" & LESS	3 SQ. FEET	3 SQ. FEET
6"	4 SQ. FEET	3 SQ. FEET
8"	6 SQ. FEET	3 SQ. FEET
10"	9 SQ. FEET	5 SQ. FEET
12"	13 SQ. FEET	7 SQ. FEET
16"	23 SQ. FEET	12 SQ. FEET
18"	29 SQ. FEET	15 SQ. FEET

8 SANITARY SEWER DROP MANHOLE
SCALE: NONE

GENERAL DETAILS (1 OF 2)
IH-10 FORCE MAIN RE-ALIGNMENT
CITY OF SEGUIN
GUADALUPE COUNTY, TEXAS



A	05/02/2025	TXDOT SUBMITTAL		JM	HC
REV.	DATE	DESCRIPTION		BY	CHK'D
		REVISIONS			

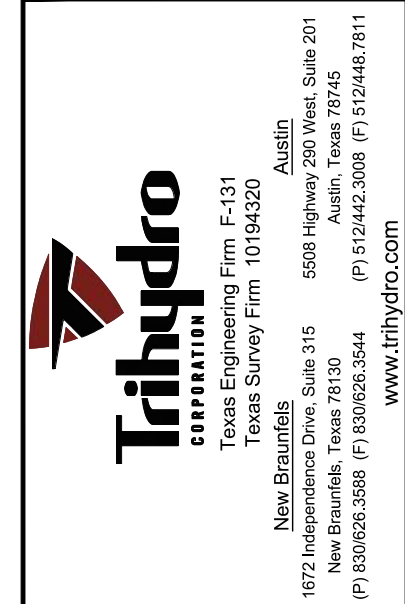
PRELIMINARY FOR REVIEW ONLY

THESE DOCUMENTS ARE FOR DESIGN REVIEW ONLY AND NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMITTING PURPOSES. THEY WERE PREPARED BY, OR UNDER THE SUPERVISION OF:

HENRY L. CRIPPEN
TYPE OR PRINT NAME

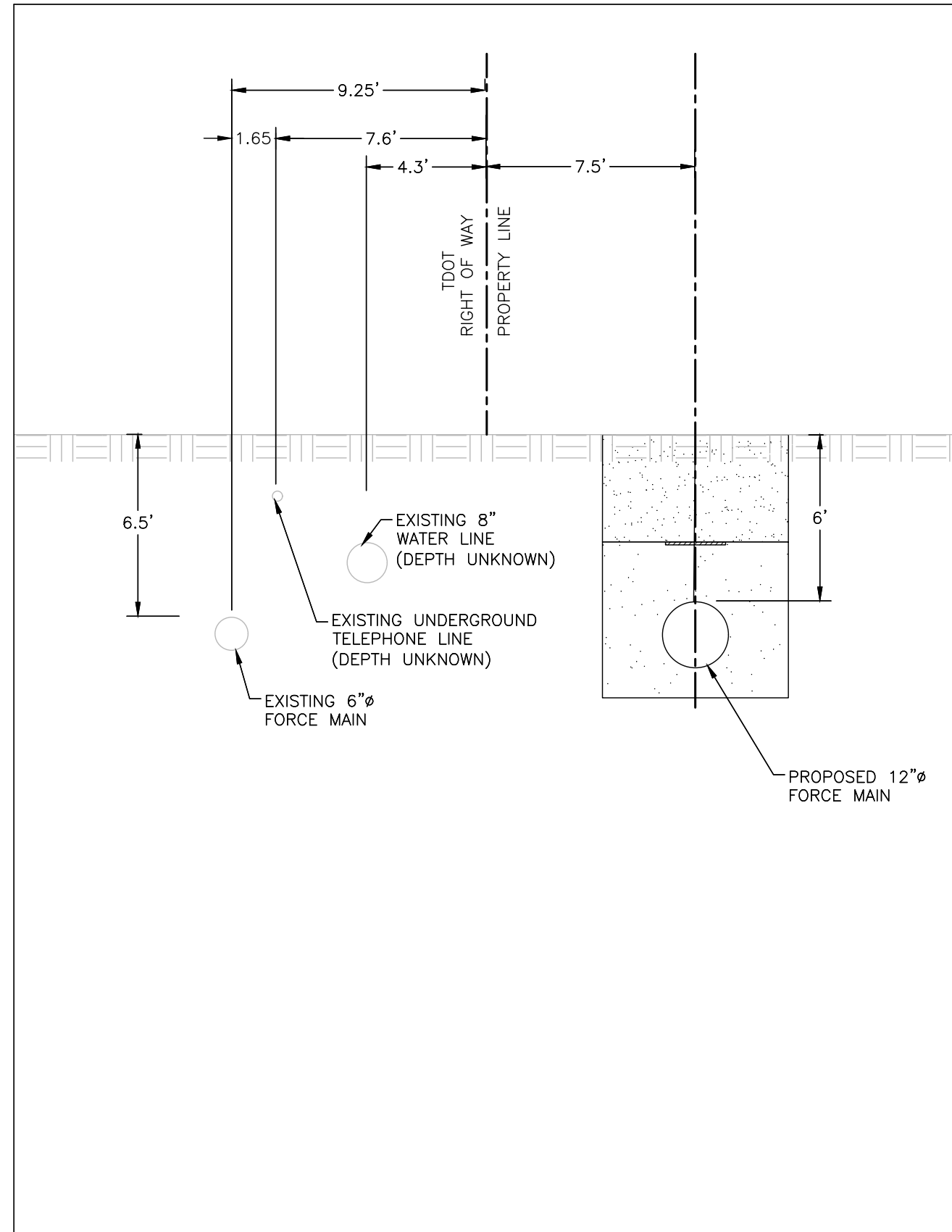
141188 5/2/2025
P.E. NO. DATE

DRAWN BY: JM
DESIGNED BY: MM
CHECKED BY: HC
SCALE: NONE
DATE: 05/02/2025
PR. NO: 81P-002-001
FILE: 81P-LFM-DETAILS, 7000TExp

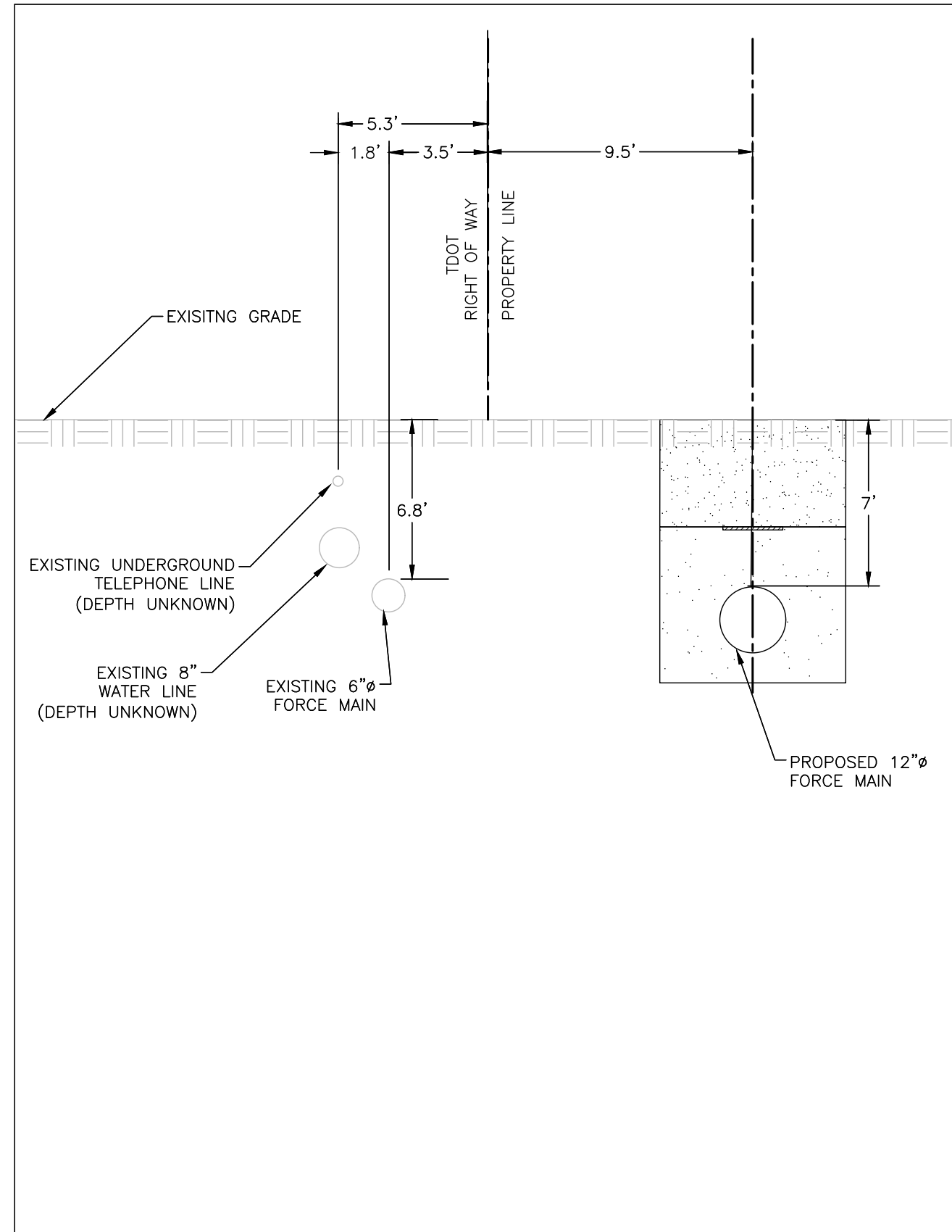


SWPPP DETAILS

**10 FORCE MAIN RE-ALIGNMENT
CITY OF SEGUIN
GUADALUPE COUNTY, TEXAS**



A **SECTION A**
NOT TO SCALE



B SECTION B
NOT TO SCALE

TXDOT
SUBMITTAL

<div><div>CROSS SECTION DETAILS</div><div>IH-10 FORCE MAIN RE-ALIGNMENT CITY OF SEGUIN GUADALUPE COUNTY, TEXAS</div></div>	<div><div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div><div></div><div></div></div><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MEMO

August 27, 2024

From: Tanya Geiselhofe 
Utility Coordinator, San Antonio District

Subject: IH 10, Utility Abandonment Request, City of Seguin

Utility ID: U00013979
Construction CSJ: 0535-01-077
ROW CSJ: 0535-01-081
Highway: IH 10
County: Guadalupe
Limits: US 90A to FM 464

City of Seguin has requested an abandonment of an existing 6" PVC sanitary sewer force main along IH 10 EBFR crossing Reiley Rd. at Sta. 11124+13. This portion will be removed by TxDOT contractors during construction. They are also requesting to abandon a longitudinal portion of existing 6" sanitary sewer force main along IH 10 EBFR from Sta. 11148+86 to Sta. 11152+28. This portion will remain abandoned, and grout filled and will not be removed by the TxDOT contractor. This request has been reviewed and approved by the San Antonio District Maintenance office.

After investigation and analysis of all pertinent information, it is determined the proposed accommodations are compatible with, and does not jeopardize the public's safety, convenience, or investment in the highway facility and/or offers no impediments to the design, construction, operation, or maintenance of the highway facility.

CC: Cynthia Saldana, P.E., Director of Maintenance, San Antonio District
Jason Lambert, P.E., Transportation Engineer Supervisor, San Antonio District

CAPITAL PROJECTS/ENGINEERING



**CAPITAL
PROJECTS/
ENGINEERING**

July 26, 2024

Texas Department of Transportation – SAT District
c/o Cynthia Saldana, P.E.
4615 NW Loop 410
San Antonio, TX 78229

Re: Abandonment of City of Seguin Force Main Lines within TxDOT ROW
CSJ: 0535-01-077
IH 10 Seguin – From Pioneer Rd to FM 464
Guadalupe County

Dear Ms. Saldana:

The intent of this letter is to request permission for abandonment of existing City of Seguin six-inch sanitary sewer force main sections within the right-of-way (ROW) of Interstate Highway 10 (IH-10) pursuant to Texas Administrative Code (TAC), Title 43, Part 1, Chapter 21, Subchapter C, Rule 21.39. The following abandonments are labeled Item “A” through “B” and are provided on the accompanying exhibit.

Item “A” proposed abandonment is an existing six-inch PVC sanitary sewer force main from IH 10 near STA 1146+83 212’ RT to STA 1147+45 180’ RT. The line will be temporarily abandoned and filled in place with cement slurry until the TxDOT contractor removes the pipe during highway construction.

Evaluation:

A section of the existing force main along the IH-10 Eastbound Frontage Rd is requested to be abandoned-in-place. The requested section is underneath the Reiley Road existing pavement section.

Pursuant to Texas Administrative Code, Title 43, Part 1, Chapter 21, Subchapter C, Rule 21.39, the following information is provided for your records:

- (i) The GPS coordinates are: 29.565772°, -98.023836° to 29.565939°, -98.023736°.
- (ii) The section being abandoned will be filled with cement slurry as outlined in the TAC code.
- (iii) The section being abandoned is 68 feet of six-inch PVC. The line is considered to be in GOOD condition.
- (iv) The legend is included in the drawings attached to this request.
- (v) This pipe does not contain, nor is it composed of hazardous or contaminated materials.
- (vi) City of Seguin will be responsible for all costs associated with the maintenance or removal of its abandoned or idled lines within TXDOT Right-of-Way.

Item “B” proposed abandonment is an existing six-inch PVC sanitary sewer force main from IH 10 near STA 1171+78 310’ RT to STA 1175+22 348’ RT. The abandoned line will be filled in place with cement slurry. All other facilities in the exhibit will be removed from the TxDOT ROW.

CAPITAL PROJECTS/ENGINEERING**It's real.**

Texas Department of Transportation – SAT District
Page 2
July 26, 2024

Evaluation:

The existing force main along the IH-10 Eastbound Frontage Rd is requested to be abandoned-in-place due to existing utilities in close proximity to the existing force main. The existing utilities include telecommunications and water lines. The utilities in conflict are directly above the existing force main in this section making removal of the existing force main not feasible.

Pursuant to Texas Administrative Code, Title 43, Part 1, Chapter 21, Subchapter C, Rule 21.39, the following information is provided for your records:

- (i) The line varies between 4 feet and 8 feet inside TXDOT ROW when running parallel. Similarly, the line varies between 27 feet and 36 feet from the existing edge of pavement.
- (ii) The GPS coordinates are: 29.569306°, -98.017242° to 29.569717°, -98.016244°.
- (iii) The section being abandoned will be filled with cement slurry as outlined in the TAC code.
- (iv) The section being abandoned is 356 feet of six-inch PVC. The line is considered to be in GOOD condition.
- (v) The legend is included in the drawings attached to this request.
- (vi) This pipe does not contain, nor is it composed of hazardous or contaminated materials.
- (vii) City of Seguin will be responsible for all costs associated with the maintenance or removal of its abandoned or idled lines within TxDOT Right-of-Way.

As a matter of record, the abandoned pipe will be in City of Seguin's records unless at some future time it is removed from the ground. If the City wants to remove the line at a future date, a permit will be submitted to work within TxDOT ROW.

If you should have any questions or comments, do not hesitate to contact me at (830) 401-2337.

Sincerely,

Billy Hornung, P.E.
Billy Hornung, P.E. (Jul 30, 2024 13:48 CDT)

Billy Hornung, P.E.
Project Engineer
City of Seguin

Cc: Melissa Reynolds, P.E., MPA, CFM, City Engineer
Jennifer Shortess, P.E., Assistant City Engineer

Utility Adjustment for TxDOT Project

City of Seguin

IH-10

RCSJ:0535-01-081

Utility ID#:U00013979

UNUMBER:N/A

ESTIMATE INCLUDING BETTERMENT

ACTUAL COST

SUPPLEMENTAL ESTIMATE

The cost estimate items must be sufficiently detailed to provide TxDOT with a reasonable basis for analysis. Items should include appropriate units and unit price for each (See Utility Manual, Chapter 6 Section 2). Applies to All "EA" or "LS" items

Percent of Difference13%

Materials to be purchased by TxDOT - JOINT BID

Line Item / Item DescriptionUnitQuantity\$/UnitTotal

* Sample Steel item to show (*) indication

\$-

-

X Select this row and Insert to add rows. Drag to fill formulas from top cell.

\$-

-

SUBTOTAL

\$-

-

Internally Supplied Materials - documented with Certified Ledger at Payment

Line Item / Item DescriptionUnitQuantity\$/UnitTotal

* Sample Steel item to show (*) indication

\$-

-

X Select this row and Insert to add rows. Drag to fill formulas from top cell.

\$-

-

OVERHEAD (%)Enter % if applicable0.00%

\$-

-

SUBTOTAL

\$-

-

Externally Acquired Materials - documented with Invoices and/or Checks

Line Item / Item DescriptionUnitQuantity\$/UnitTotal

\$-

-

\$-

-

\$-

-

Select this row and Insert to add rows. Drag to fill formulas from top cell.

\$-

-

SUBTOTAL

\$-

-

MATERIALS SUBTOTAL

\$-

-

* Indicated items are being tracked for BUY AMERICA COMPLIANCE and will be documented using Form 1818 and all supporting documentation prior to installation.

X Indicated items are IRON or STEEL, but will not be tracked for BUY AMERICA COMPLIANCE due to falling under the DE MINIMUS of \$2,500, or .1% of the project total cost, whichever is greater.

Sum of De Minimus Items

\$0.00

TxDOT contractor labor - JOINT BID

Line Item / Item DescriptionUnitQuantity\$/UnitTotal

Sample Item

\$-

-

Select this row and Insert to add rows. Drag to fill formulas from top cell.

\$-

-

SUBTOTAL

\$-

-

Internal Labor Costs - documented with Certified Ledger at payment.

Line Item / Item DescriptionUnitQuantity\$/UnitTotal

\$-

-

Select this row and Insert to add rows. Drag to fill formulas from top cell.

\$-

-

OVERHEAD (%)Enter % if applicable0.00%

\$-

-

SUBTOTAL

\$-

-

External Labor Costs - documented with Invoices and / or checks

Line Item / Item DescriptionUnitQuantity\$/UnitTotal

\$-

-

Mobilization

LS

1

\$84,028.05

\$84,028.05

Environmental Protection/SWPPP

EA

1

\$5,000.00

\$5,000.00

Site Preparation

ACRE

0.1

\$17,614.15

\$1,761.42

Barricades, Signs &Traffic Handling

DAY

70

\$285.71

\$19,999.70

Trench and Excavation Safety Protection

LF

1941

\$3.00

\$5,823.00

Pressure Test Force Main

EA

1

\$6,000.00

\$6,000.00

6 inch DR11 HDPE Pipe by Open Cut

LF

1357

\$84.00

\$113,988.00

6 inch DR11 HDPE Pipe by HDD

LF

798

\$170.00

\$135,660.00

12 inch DR11 HDPE Pipe by Open Cut

LF

0

\$128.00

\$-

12 inch DR11 HDPE Pipe by HDD

LF

0

\$215.00

\$-

12 inch Steel Casing by Open Cut

LF

66

\$180.00

\$11,880.00

24 inch Steel Casing by Open Cut

LF

0

\$270.00

\$-

Connect to Exist Force Main

EA

2

\$6,500.00

\$13,000.00

2 way Cleanout asmbly W 2" Comb. ARV

EA

2

\$40,000.00

\$80,000.00

2" Comb. ARV Assembly

EA

2

\$11,900.00

\$23,800.00

By-Pass Pumping

EA

1

\$50,000.00

\$50,000.00

RMV Exist 6 inch force main

LF

584

\$28.00

\$16,352.00

RMV Exist 6 inch force main from bridge

LF

1026

\$70.00

\$71,820.00

Grout fill exist 6 inch aban line

LF

68

\$38.00

\$2,584.00

Cut, Cap, exist 6" force main to be abandon

LF

68

\$29.41

\$1,999.88

Repair Asph driveway

SQ. FT

1080

\$16.67

\$18,003.60

Revegetation

ACRE

0.34

\$12,000.00

\$4,080.00

\$-

-

\$-

-

Select this row and Insert to add rows. Drag to fill formulas from top cell.

\$-

-

SUBTOTAL

\$665,779.65

LABOR SUBTOTAL

\$665,779.65

Engineering Procured by TxDOT - 100% eligiibty required

Line Item / Item DescriptionUnitQuantity\$/UnitTotal

\$-

-

Select this row and Insert to add rows. Drag to fill formulas from top cell.

\$-

-

SUBTOTAL

\$-

-

Internal Engineering - Costs Documented with Certified Ledger at payment.

Line Item / Item DescriptionUnitQuantity\$/UnitTotal

Project Engineer

HR

52

\$71.25

\$3,705.00

Project Manager

HR

51

\$62.21

\$3,172.71

\$-

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Internal Inspection					
Inspector	HR	82	\$45.38	\$	3,721.16
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SUBTOTAL				\$	3,721.16
Internal Administration					
Administrative Assistant	HR	51	\$34.79	\$	1,774.29
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SUBTOTAL				\$	1,774.29
Internal Engineering/ Survey/ Inspection/ Administration Overhead					
OVERHEAD (%)		Enter % if applicable	0.00%	\$	-
SUBTOTAL				\$	12,373.16

External Engineering - Cost documented with INVOICES and / or CHECKS					
Line Item / Item Description	Unit	Quantity	\$/Unit	Total	
				\$	-
Professional Level 12	HR	20	\$197.00	\$	3,940.00
Professional Level 11	HR	195	\$185.00	\$	36,075.00
Professional Level 9	HR	120	\$170.00	\$	20,400.00
Professional Level 8	HR	14	\$165.00	\$	2,310.00
Professional Level 7	HR	57	\$160.00	\$	9,120.00
Professional Level 5	HR	225	\$144.00	\$	32,400.00
Professional Level 3	HR	3	\$125.00	\$	375.00
Professional Level 2	HR	758	\$115.00	\$	87,170.00
Professional Level 1	HR	56	\$105.00	\$	5,880.00
Administrative 2	HR	4	\$68.00	\$	272.00
Natural Resources and Cultural Resources	EA	1	\$8,492.00	\$	8,492.00
Geotechnical Engineering Services	EA	1	\$15,065.00	\$	15,065.00
Company Vehicle	DAY	24	\$95.00	\$	2,280.00
				\$	-
Select this row and Insert to add rows. Drag to fill formulas from top cell.				\$	-
SUBTOTAL				\$	223,779.00
External Survey/ Landman					
				\$	-
Technical Level 5	HR	62	\$105.00	\$	6,510.00
Technical Level 2	HR	80	\$78.00	\$	6,240.00
Survey Equipment	EA	1	\$400.00	\$	400.00
Select this row and Insert to add rows. Drag to fill formulas from top cell.				\$	-

SUBTOTAL			\$	-	\$	-
HR	82	\$45.38	\$	3,721.16	\$	-
			\$	-	\$	-
SUBTOTAL			\$	3,721.16	\$	-
HR	51	\$34.79	\$	1,774.29	\$	-
			\$	-	\$	-
SUBTOTAL			\$	1,774.29	\$	-
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			\$	12,373.16	\$	-
Unit	Quantity	\$/Unit	Total		Difference	
			\$		\$	
HR	20	\$197.00	\$		\$	
HR	195	\$185.00	\$		\$	
HR	120	\$170.00	\$		\$	
HR	14	\$165.00	\$		\$	
HR	57	\$160.00	\$		\$	
HR	225	\$144.00	\$		\$	
HR	3	\$125.00	\$		\$	
HR	758	\$115.00	\$		\$	
HR	56	\$105.00	\$		\$	
HR	4	\$68.00	\$		\$	
EA	1	\$8,492.00	\$		\$	
EA	1	\$15,065.00	\$		\$	
DAY	24	\$95.00	\$		\$	
			\$		\$	
			\$		\$	
SUBTOTAL			\$		\$	
			\$		\$	
HR	62	\$105.00	\$		\$	
HR	80	\$78.00	\$		\$	
EA	1	\$400.00	\$		\$	
			\$		\$	

Attachment “B” Accounting Method



Actual Cost Method of Accounting

The utility accumulates cost under a work order accounting procedure prescribed by the Federal or State regulatory body and proposes to request reimbursement for actual direct and related indirect costs.



Lump Sum Method of Accounting

The Utility proposed to request reimbursement based on an agreed lump sum amount supported by a detailed cost analysis.

Initial Date
TxDOT

Initial Date
Utility

Attachment “C” Schedule of Work

Estimated Start Date (mm/dd/yyyy): 07/30/2025, subject to physical work restrictions prior to the issuance of environmental clearance as required by the provisions of this agreement. (If construction will be joint bid and included in the highway contract, enter the project let date.)

Estimated Duration (number of days): 180

Estimated Completion Date (mm/dd/yyyy): 01/29/2026

Initial Date
TxDOT

Initial Date
Utility

Attachment “D” Statement Covering Contract Work

Construction Contract: Complete form ROW-U-48 and ROW-U-48-1 if applicable.

- ☐ Utility performing with their own forces (timesheets will be required at the time of billing).
- ☒ Utility will use outside forces to perform the adjustment, complete attached ROW-U-48 or ROW-U-48-1 (joint bid).

Engineering Contract:

- ☒ Utility performing with their own forces (timesheets will be required at the time of billing).
- ☒ Utility will use consultant contract (continuing contract rate sheets or fee schedule will be required).
- ☐ TxDOT will procure a utility engineering consultant.

Initial Date
TxDOT

Initial Date
Utility



STATEMENT COVERING UTILITY CONSTRUCTION CONTRACT WORK
(AS APPEARING IN ESTIMATE)

Form ROW-U-48
(Rev. 10/20)
Page 1 of 1

U-Number: N/A Utility ID: U00013979
ROW CSJ Number: 0535-01-081 District: San Antonio
County: Guadalupe Highway No.: _____
Federal Project No.: _____

I, Steve Parker, a duly authorized and qualified representative of
City of Seguin, hereinafter referred to as **Owner**, am fully cognizant of the
facts and make the following statements in respect to work which will or may be done on a contract basis as it appears in the
estimate to which this statement is attached.

It is more economical and/or expedient for **Owner** to contract this adjustment, or **Owner** is not adequately staffed or equipped
to perform the necessary work on this project with its own forces to the extent as indicated on the estimate.

Procedure to be Used in Contracting Work

- ☒ A. Solicitation for bids is to be accomplished through open advertising and contract is to be awarded to the lowest
qualified bidder who submits a proposal in conformity with the requirements and specifications for the work to be
performed. Associated bid tabulations will be provided to the **State**.
- ☐ B. Solicitation for bids is to be accomplished by circulating to a list of pre-qualified contractors or known qualified
contractors and such contract is to be awarded to the lowest qualified bidder who submits a proposal in conformity
with the requirements and specifications for the work to be performed. Associated bid tabulations will be provided to
the **State**. Such presently known contractors are listed below:
- 1.
 - 2.
 - 3.
 - 4.
 - 5.
- ☐ C. The work is to be performed under an existing continuing contract under which certain work is regularly performed
for **Owner** and under which the lowest available costs are developed. The existing continuing contract will be made
available to the **State** for review at a location mutually acceptable to the **Owner** and the **State**. If only part of the
contract work is to be done under an existing contract, give detailed information by attachment hereto.
- ☐ D. The utility proposes to contract outside the foregoing requirements and therefore evidence in support of its proposal
is attached to the estimate in order to obtain the concurrence of the **State**, and the Federal Highway Administration
Division Engineer where applicable, prior to taking action thereon (approval of the agreement shall be considered as
approval of such proposal).
- ☐ E. The utility plans and specifications, with the consent of the **State**, will be included in the construction contract
awarded by the **State**. In the best interest of both the **State** and the **Owner**, the **Owner** requests the **State** to include
the plans and specifications for this work in the general contract for construction of Highway _____
in this area, so that the work can be coordinated with the other construction operations; and the construction
contract is to be awarded by the **State** to the lowest qualified bidder who submits a proposal in conformity with the
requirements and specifications for the work to be performed. If this option is chosen, attach form ROW-U-48-1, the
terms of which are incorporated herein by reference.

Signature

Date

City Manager

Title

Attachment “E”

Utility Joint Use Agreement – (ROW-U-JUA) and/or RULIS Permit

- ☐ Utility Joint Use Agreement (ROW–U–JUA)
 - ☐ Plans with joint use area highlighted are included.

- ☒ RULIS Permit Number:
The utility should obtain an approved permit before the start of construction inside of the highway right of way.

- ☐ Quitclaim will be submitted at the Final Billing

Initial Date
TxDOT

Initial Date
Utility

Attachment “F” Eligibility Ratio

Eligibility Ratio established: 100 %

- ☐ Non-interstate Highway (Calculations attached)
- ☒ Interstate Highway
- ☐ Toll Road
- ☐ SP2125 Approved Application (100%)
Minute Order #: _____
- ☐ Master Utility Agreement

ROW Utility Manual Chapter 8, Section 2

In developing the ratio, line length or number of poles is restricted to facilities located within the existing and proposed highway right of way. Facilities located outside the existing and proposed right of way limits will not be used in developing the ratio.

Please see example of eligibility ratio calculations below.

Plan Sheet or Page#	In Easement (Eligible) Existing # of Poles or LF	In Public ROW (Ineligible) Existing # of Poles or LF
1	0	0
2	84	2
3	91	385
4	238	96
Totals	412	503

Total Existing # of Poles or LF (Eligible)	412
Total Existing # of Poles or LF (Ineligible)	503
Total Existing # of Poles or LF	915
Total Existing # of Poles or LF (Eligible) divided by the Total Existing # of Poles or LF	45.03%

Initial _____ Date _____
TxDOT

Initial _____ Date _____
Utility

Attachment "G"

Betterment Calculation and Estimate

- ☒ Elective Betterment Ratio established: 11.32 %
☒ Calculation is attached and the justification is included below
☐ A betterment and an in-kind estimate are included
- ☐ Forced Betterment
☐ To comply with regulated industry standards, laws, and regulations. (Supporting documentation required)
☐ To comply with published current design practice followed by the utility in its own work. (Supporting documentation required)
☐ Due to proposed roadway design. (Provide explanation below)
- ☐ Not Applicable

A statement explaining Elective and/or Forced Betterment:

The City of Seguin is electing to upsize the sanitary sewer force main from 6" to 12" HDPE pipe for approximately 2,154 linear feet, from IH 10 STA 1145+74 to STA 1158+04.

Initial Date
TxDOT

Initial Date
Utility

BETTERMENT RATIO CALCULATOR

Two estimates are required to calculate betterment. One with, and one without betterment.
Please attach both estimates.

The total estimated cost of the project **INCLUDING BETTERMENT** \$1,031,873.06

The total estimated cost of the project **NOT** including **BETTERMENT** \$915,081.81

THE AMOUNT OF BETTERMENT \$116,791.25

The BETTERMENT RATIO IS: 11.32%

Attachment “H” Proof of Property Interest

☐ Supporting documentation of compensable property interest that establishes reimbursement eligibility as referenced in Texas Transportation Code §203.092.

☐ Property interest documented through applicable affidavits and required attachments.

☐ ROW-U-Affidavit

☒ The roadway improvement project is designated as an Interstate Highway project; therefore, no supporting documentation of compensable interest is required. Supporting documentation for existing easements is required for easement replacement.

☐ Toll Road (Supporting documentation of compensable property interest required if more than 50% eligibility ratio is applied)

☐ SP2125

☐ Master Utility Agreement

Initial Date
TxDOT

Initial Date
Utility