



**PUBLIC SERVICE BOARD MEETING
AGENDA ITEM
REGULAR MEETING**

Wednesday, August 12, 2026

SUBJECT

Standard Utility Agreement with Texas Department of Transportation TxDOT for the relocation of wastewater and reclaimed water infrastructure related to the IH-10 Frontage Road project from Executive Boulevard to Sunland Park Drive.

BACKGROUND

TxDOT has prepared plans for the IH-10 Frontage Road Extension Phase I project from Executive Boulevard to Sunland Park Drive, which includes construction of two-lane westbound frontage roads, ramp improvements, and a 10-foot shared-use path in west El Paso. To accommodate the roadway improvements, existing wastewater and reclaimed water facilities along IH-10 must be relocated by EPWater in accordance with TxDOT's Utility Accommodation Policy. The relocation of eligible existing wastewater and reclaimed water facilities are reimbursable by TxDOT. Based on the agreed eligibility ratio, TxDOT will reimburse 100 percent of eligible EPWater relocation costs required for the frontage road construction. EPWater currently anticipates bidding the project in September 2026.

PSB PRIOR ACTION

- None

UTILITY KPI ALIGNMENT

Infrastructure Performance

EVALUATION PROCESS

EPWater and TxDOT agree to coordinate the wastewater and reclaimed water relocation work within TxDOT's roadway construction project. The project approach calls for EPWater and TxDOT to perform separate bids to construct all improvements proposed by each agency.

FINANCIAL IMPLICATIONS

EPWater estimates the total cost of the utility improvements associated with this project at \$5,307,371.42. This amount includes the relocation of existing wastewater and reclaimed water facilities along IH-10. Under the agreed eligibility ratio, TxDOT will reimburse 100 percent of eligible relocation costs required to accommodate the roadway improvements.

PROPOSED ACTION REQUESTED

Consider and authorize the President/CEO or designee to sign a Standard Utility Agreement with the Texas Department of Transportation for the relocation of wastewater and reclaimed water infrastructure related to the IH-10 Frontage Road project from Executive Boulevard to Sunland Park Drive, with a total project cost estimated at \$5,307,371.42 and authorize the President/CEO or designee to approve future amendments to the agreement not to exceed a total of \$750,000.

SUPPORTING DOCUMENTATION PROVIDED

- TxDOT Standard Utility Agreement with EPWater



Standard Utility Agreement

Form ROW-U-35

(Rev. 06/25)

Page 1 of 13

U Number: **N/A** Utility ID: **00026278**

District: El Paso
ROW Project ID (TxC): R00012273
ROW CSJ: 2121-02-180
Construction CSJ: 2121-02-167
Highway Project Letting Date: 07/01/2027

County: El Paso
Highway: IH 10
From: Executive Blvd
To: Sunland Park Dr

This Agreement by and between the State of Texas, acting by and through the Texas Transportation Commission ("**State**"), and City of El Paso Public Service Board, ("**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 specific 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:

- (1) Realigning 270 LF of an existing 16" sanitary sewer line (WW1) between STA 513+00 to STA 515+70
- (2) Realigning 923.5 LF of an existing 24" reclaimed water line (W1) between STA 565+69 to STA 574+92
- (3) Encasing 47 LF of an existing 24" reclaimed water line (W2) between STA 554+70 to STA 555+17
- (4) Realigning 470 LF of an existing 24" reclaimed water line (W3) between STA 580+18 to STA 584+88; 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. The **Utility** shall also comply with the Build America, Buy America Act (BABA Act), and 23 CFR Part 645, Subpart A. An acknowledgment of compliance is included in Attachment "A" of this Agreement that shall be signed and submitted before the commencement of the facility's adjustment, removal, and relocation, 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 and Build America, Buy America 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 and certifications, 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

Initial Date
TxDOT

Initial Date
Utility

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**.

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 El Paso Public Service Board
Name of Utility

By: _____
Authorized Signature

Print or Type Name

Title: _____

Date: _____

EXECUTION RECOMMENDED:

Director of TP&D (or designee), El Paso 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

Attachment “A” (Continued) Plans, Specifications, and Estimated Costs

All construction material and manufactured items within the cost estimate that must meet Build America, Buy America (BABA) compliance must be indicated with a double asterisk (**).

- ☒ This is to acknowledge that the material(s) listed/marked in the cost estimate will be in conformance with the governing specification(s) and that at least the final manufacturing processes and the immediately preceding manufacturing stage for the manufactured and construction material occurred in the United States of America. Alterations to this document by any agency other than the Utility Company/Supplier will void the certification.

Per 2 CFR 184.3, manufactured products means:

(1) Articles, materials, or supplies that have been:

(i) Processed into a specific form and shape; or

(ii) Combined with other articles, materials, or supplies to create a product with different properties than the individual articles, materials, or supplies.

(2) If an item is classified as an iron or steel product, a construction material, or a section 70917(c) material under § 184.4(e) and the definitions set forth in this section, then it is not a manufactured product. However, an article, material, or supply classified as a manufactured product under § 184.4(e) and paragraph (1) of this definition may include components that are construction materials, iron or steel products, or section 70917(c) materials.

Per 2 CFR 184.3 and 2 CFR 184.6, construction material includes:

- Non-ferrous metals
- Glass (including optic glass)
- Optical fiber
- Lumber
- Engineered wood
- Drywall
- Fiber optic cable (including drop cable)
- Plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables)

Authorized Utility Owner Representative:

Signature

Title

Initial

Date
TxDOT

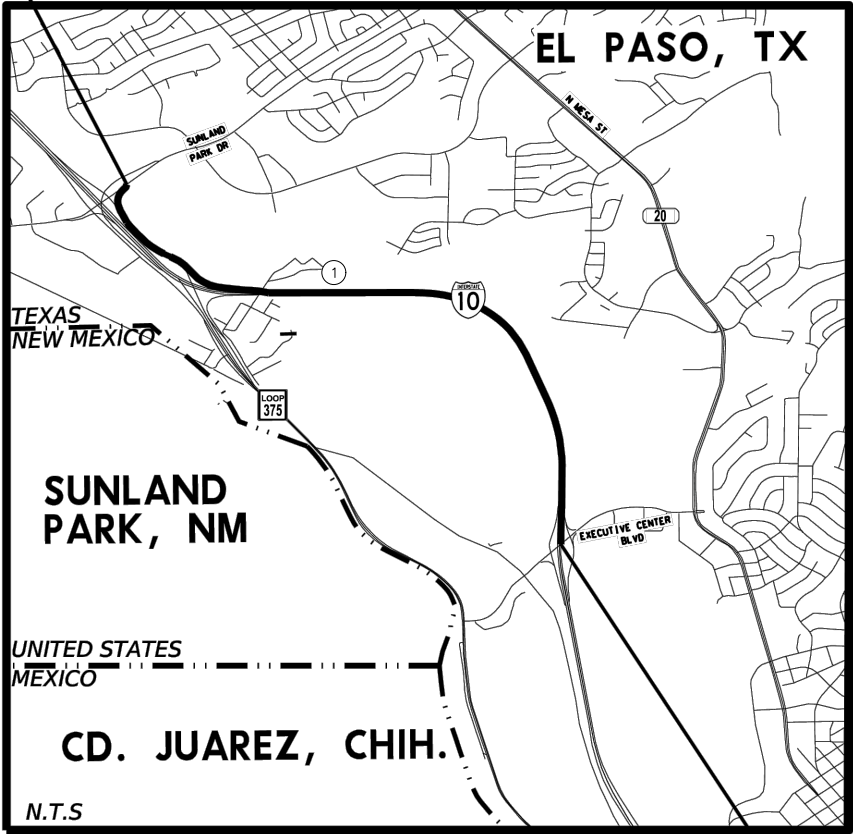
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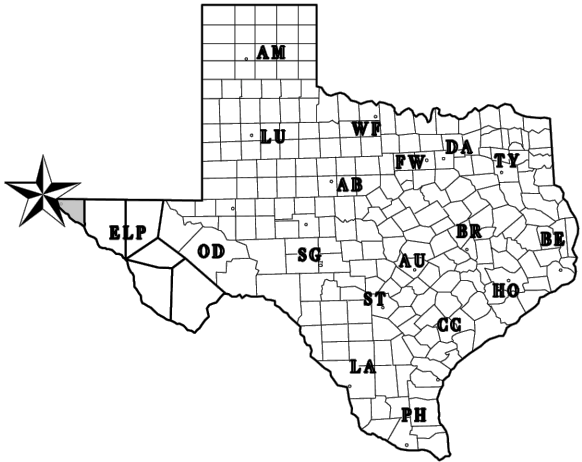
CSJ: 2121-02-167
STATE AID PROJECT NO. C 2121-2-167
I-10 FR EXT PH I (EXECUTIVE\ SUNLAND PARK)
EL PASO COUNTY

BEGIN PROJECT
CSJ: 2121-02-167
STA: 100+00.00 "B_SUP"
LAT: 31.818595°
LONG: -106.552968°
MP:13.703



END PROJECT
CSJ: 2121-02-167
STA: 623+36.22 "C_WBFR"
LAT: 31.789827°
LONG: -106.51944°
MP: 17.001

VICINITY MAP



KEY TO COUNTIES

KEYNOTES

- ① 16" SEWER LINE TO BE RELOCATED

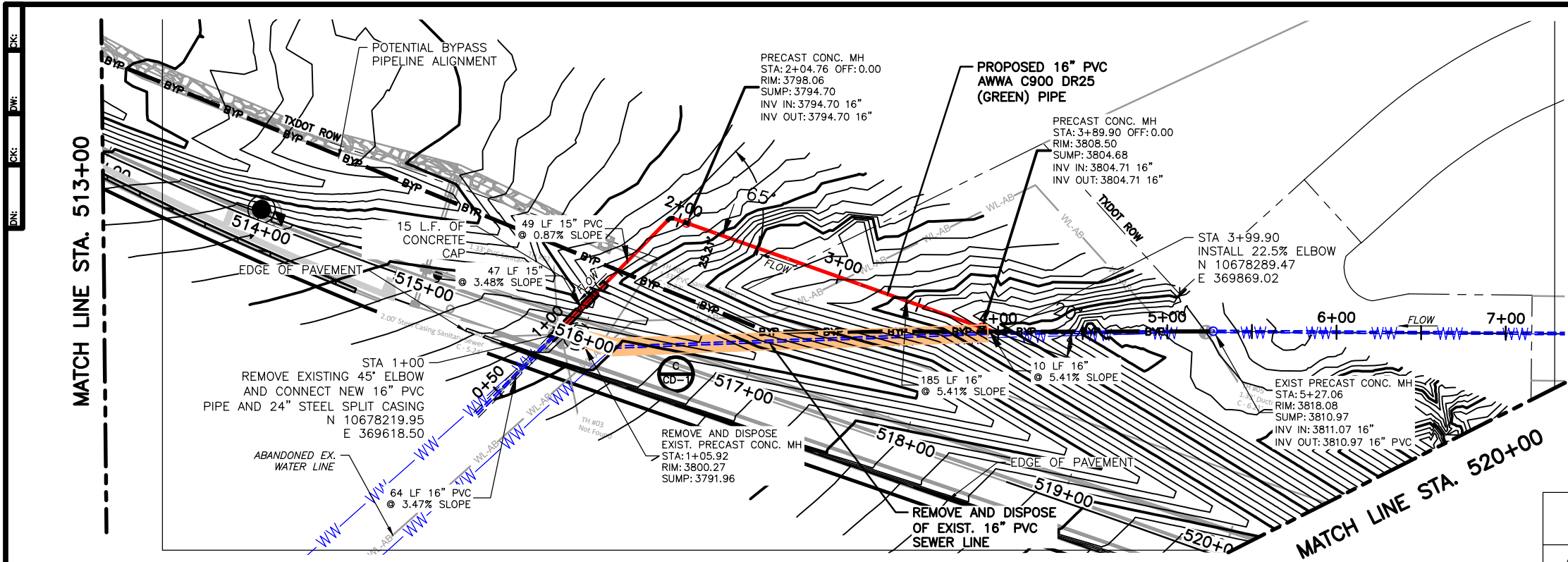
NO.	DATE	REVISION	APPROV.
		1154 HAWKINS BLVD. EL PASO TEXAS 79925 (915) 594-5500	
		4487 N MESA ST, SUITE 202 EL PASO, TEXAS 79902 TEL: 915 544-2340 FAX: 915 544-1345 TBPE Firm Registration No. F-3043	
			
I-10 WB FRONTAGE ROAD SANITARY SEWER RELOCATION VICINITY MAP			
SHEET 1 OF 3			
FED RD DIV. NO.	STATE AID PROJECT NO.		HIGHWAY
6	C 2121-2-167		IH 10
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	ELP	EL PASO	
CONTROL	SECTION	JOB	
2121	02	167	

SANITARY SEWER QUANTITY SUMMARY

EXISTING SEWER QUANTITY SUMMARY (REMOVE AND DISPOSE)				
SHEET NO.	SANITARY SEWER PVC PIPE (16 IN)	PRECAST CONCRETE MANHOLE (48 IN)	DI FITTINGS (16" - 45')	DI FITTINGS (16" TEE WITH BLIND FLANGE)
3	LF	EA	EA	EA
	270	1	2	1

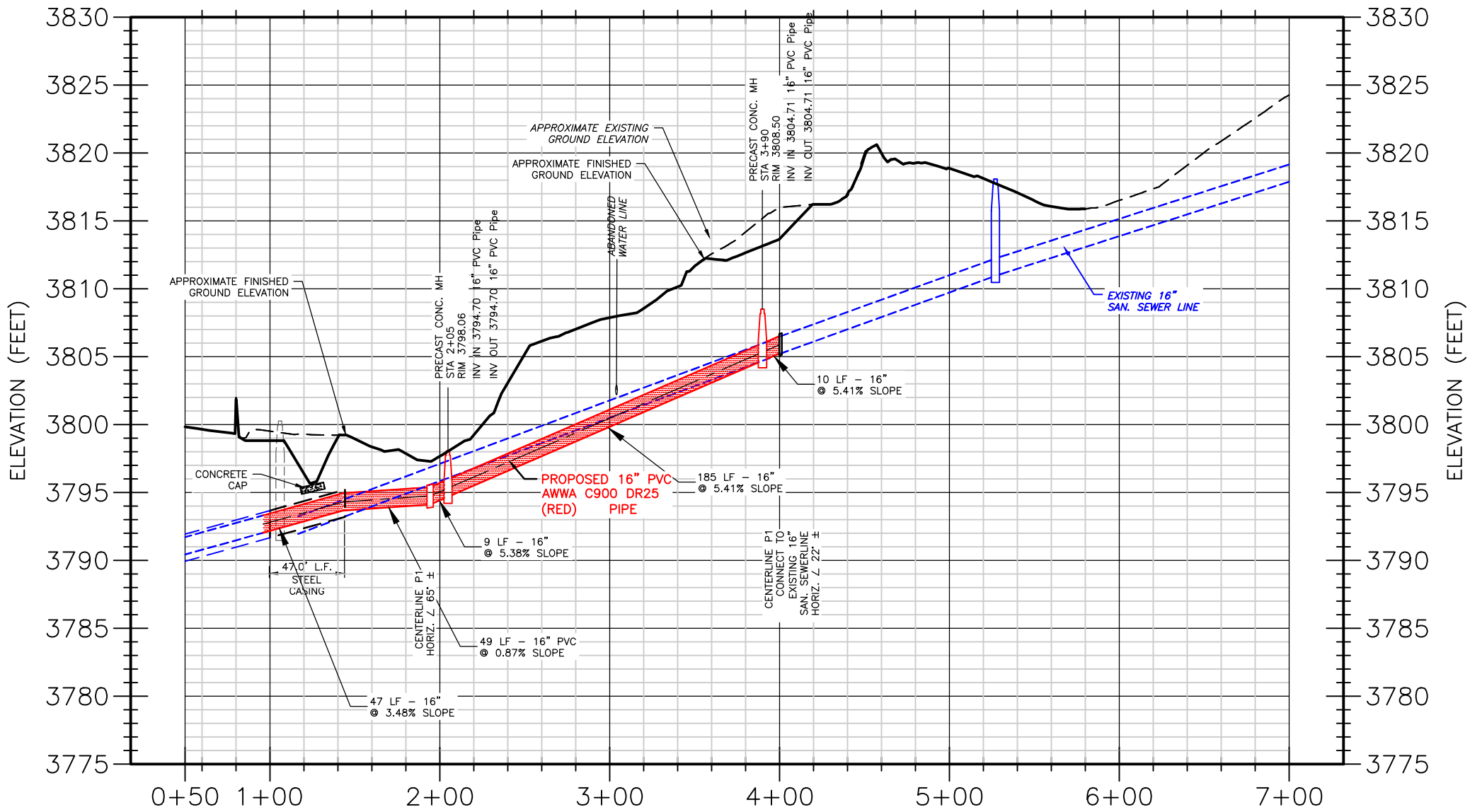
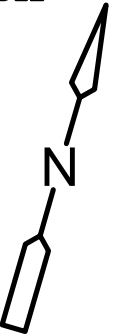
PROPOSED SEWER QUANTITY SUMMARY						
SHEET NO.	SANITARY SEWER PVC PIPE (16 IN)	STEEL SPLIT CASING (24 IN)	PRECAST CONCRETE (48 IN)	DI FITTINGS (16" SOLID SLEEVE COUPLING, MJ)	DI FITTINGS (16" - 45')	DI FITTINGS (16" TEE WITH BLIND FLANGE)
3	LF	LF	EA	EA	EA	EA
	300	47	2	2	2	2

NO.	DATE	REVISION	APPROV.
		1154 HAWKINS BLVD. EL PASO TEXAS 79925 (915) 594-5500	
		4487 N.MESA ST, SUITE 202 EL PASO, TEXAS 79902 TEL: 915 544-2340 FAX: 915 544-1345 TBPE Firm Registration No. F-3043	
			
I-10 WB FRONTAGE ROAD SANITARY SEWER RELOCATION SANITARY SEWER QUANITY SUMMARY			
SHEET 2 OF 3			
FED RD DIV NO.	STATE AID PROJECT NO.		HIGHWAY
6	C 2121-2-167		IH 10
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	ELP	EL PASO	
CONTROL	SECTION	JOB	
2121	02	167	

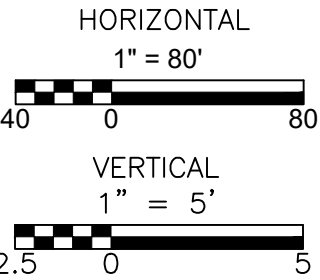


- CONSTRUCTION NOTES:
1. CONTRACTOR TO FIELD-VERIFY LOCATION, MATERIAL AND SIZE, INCLUDING OUTSIDE DIAMETER OF EXISTING PIPE AT TIE-IN LOCATIONS PRIOR TO ORDERING TIE-IN FITTINGS.
 2. CONTRACTOR IS RESPONSIBLE FOR DRAINING/DEWATERING EXISTING SEWER LINES FOR TIE-INS. NO SEPARATE PAYMENT.
 3. ALL NEW PIPE AND FITTINGS SHALL BE INSTALLED AND TESTED PRIOR TO TIE-INS.
 4. HYDROSTATIC TESTING FOR THE 16" PVC SEWER LINE SHALL BE PER AWWA C605. NO ALLOWABLE LEAKAGE/MAKEUP WATER.

SEWER SHEET 1 STATION 513+00-520+00				
COLOR	DESCRIPTION	REIMBURSEMENT ELEGIBILITY	UNIT	QTY
	EXISTING 16" PVC SEWER	REPLACEMENT IN KIND (100% REIMBURSABLE)	LF	270



- LEGEND
- PROPOSED SEWER LINE
 - EXISTING SEWER LINE
 - EXISTING ROW

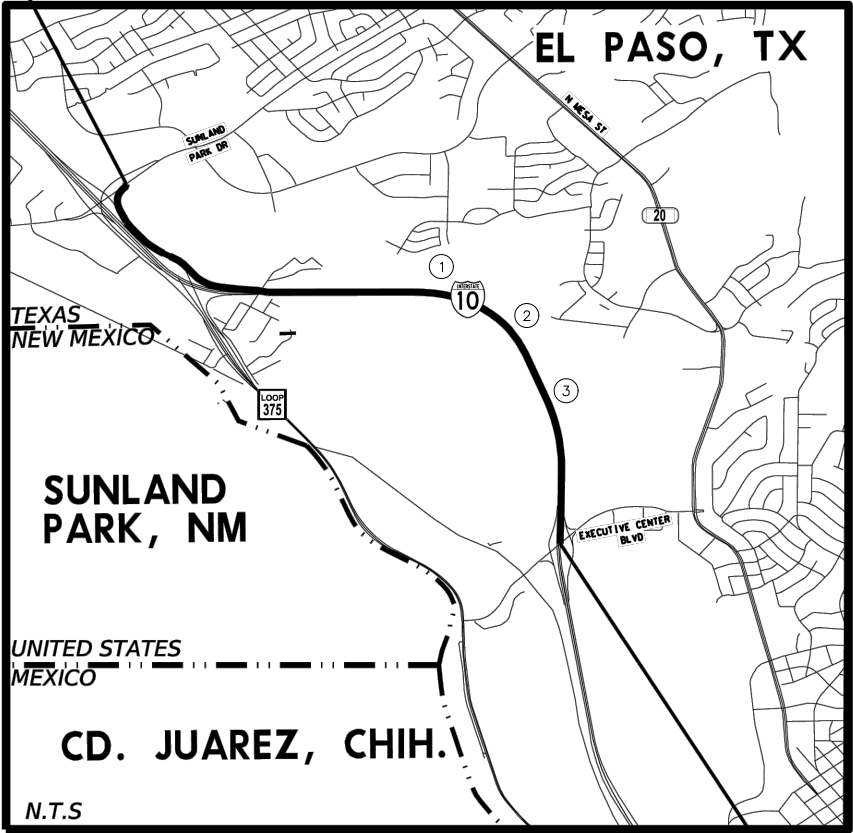


el paso WATER			1154 HAWKINS BLVD. EL PASO, TEXAS 79925 (915) 594-5500		
CDM Smith			4487 N.MESA ST. SUITE 202 EL PASO, TEXAS 79902 TEL: 915 544-2340 FAX: 915 544-1345 TBPE Firm Registration No. F-3043		
Texas Department of Transportation					
I-10 WB FRONTAGE ROAD SANITARY SEWER RELOCATION STA 513+00 TO STA 520+00 16" SEWER LINE (WW1)					
SHEET 3 OF 3					
FED RD DIV NO.	STATE AID PROJECT NO.		HIGHWAY		
6	C 2121-2-167		IH 10		
STATE	DISTRICT	COUNTY	SHEET NO.		
TEXAS	ELP	EL PASO			
CONTROL	SECTION	JOB			
2121	02	167			

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STATE AID PROJECT NO. C 2121-2-167
I-10 FR EXT PH I (EXECUTIVE | SUNLAND PARK)
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BEGIN PROJECT
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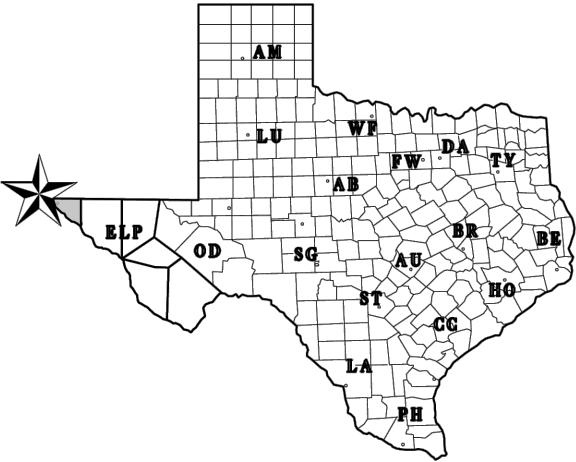


END PROJECT
CSJ: 2121-02-167
STA: 623+36.22 "C WBFR"
LAT: 31.789827°
LONG: -106.51944°
MP: 17.001

VICINITY MAP

KEYNOTES

- ① 24" RECLAIMED WATER LINE TO BE RELOCATED (W1)
- ② 24" RECLAIMED WATER LINE TO BE RELOCATED (W2)
- ③ 24" RECLAIMED WATER LINE TO BE RELOCATED (W3)



KEY TO COUNTIES

NO.		DATE	
REVISION		APPROV.	
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		4487 N.MESA ST, SUITE 202 EL PASO, TEXAS 79902 TEL: 915 544-2340 FAX: 915 544-1345 TBPE Firm Registration No. F-3043	
I-10 WB FRONTAGE ROAD RECLAIMED WATER RELOCATION VICINITY MAP			
SHEET 1 OF 6			
FED RD DIV NO.	STATE AID PROJECT NO.		HIGHWAY
6	C 2121-2-167		IH 10
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	ELP	EL PASO	
CONTROL	SECTION	JOB	
2121	02	167	

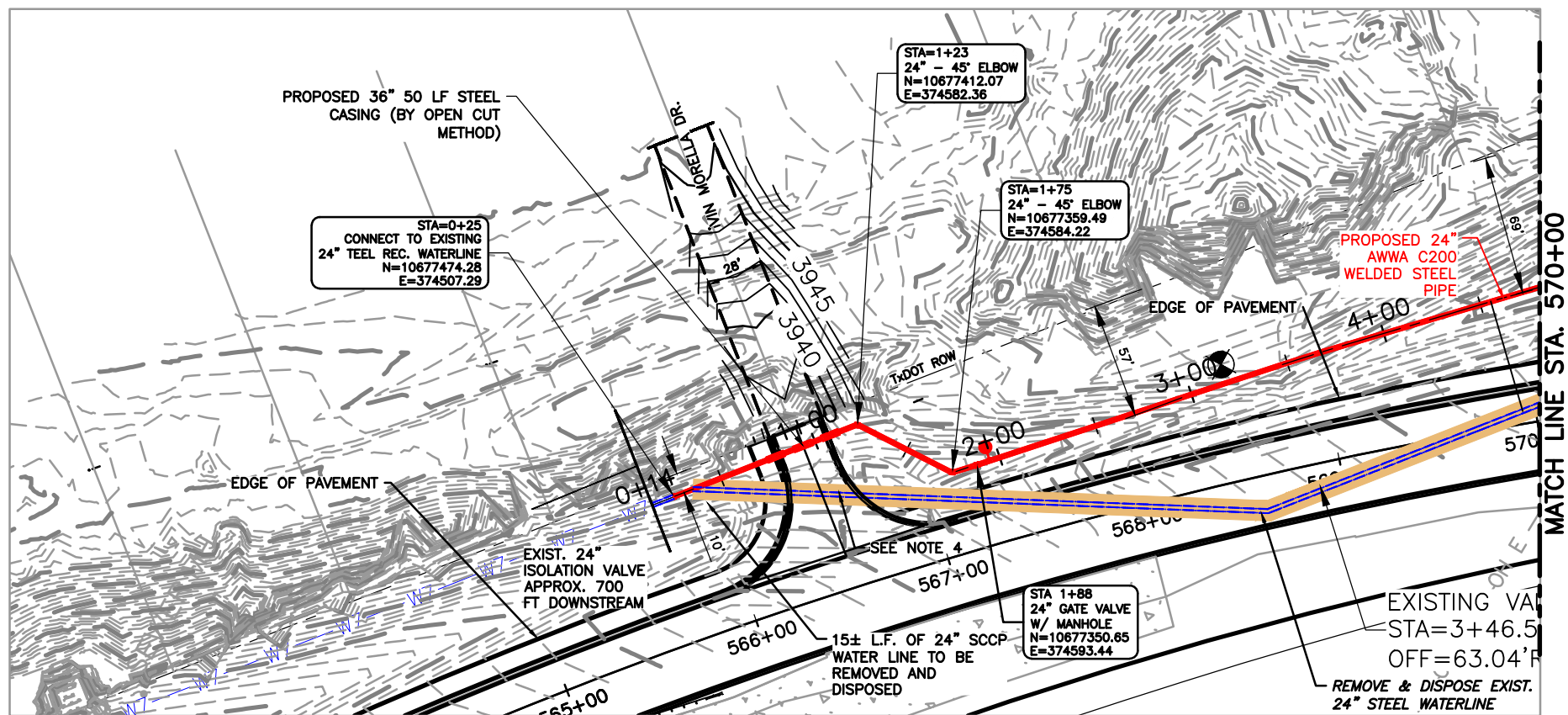
RECLAIMED WATER QUANTITY SUMMARY

EXISTING RECLAIMED WATER QUANTITY SUMMARY (REMOVE AND DISPOSE)											
SHEET NO.	STEEL RECLAIMED WATER PIPE (24 IN)	STEEL SPLIT CASING (36 IN)	STEEL CASING (36 IN)	ISOLATION VALVES (24 IN)	AIR RELEASE VALVES (6 IN)	BLOWOFF VALVES (6 IN)	PRECAST CONCRETE MANHOLE (48 IN)	STEEL FITTINGS (CLOSURE PIECE)	STEEL FITTINGS (24" - 45')	STEEL FITTINGS (24" - 22.5')	STEEL FITTINGS (24" - 11.25')
	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA
3	438.5	0	0	0	1	0	1	0	2	0	0
4	485	0	0	0	0	1	1	0	3	0	0
5	48	0	0	0	0	0	0	0	0	0	0
6	470	0	0	0	0	0	0	0	3	0	0

PROPOSED RECLAIMED WATER QUANTITY SUMMARY (REMOVE AND DISPOSE)											
SHEET NO.	STEEL RECLAIMED WATER PIPE (24 IN)	STEEL SPLIT CASING (36 IN)	STEEL CASING (36 IN)	ISOLATION VALVES (24 IN)	AIR RELEASE VALVES (6 IN)	BLOWOFF VALVES (6 IN)	PRECAST CONCRETE MANHOLE (48 IN)	STEEL FITTINGS (CLOSURE PIECE)	STEEL FITTINGS (24" - 45')	STEEL FITTINGS (24" - 22.5')	STEEL FITTINGS (24" - 11.25')
	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA
3	457	0	38	1	1	0	2	2	1	0	1
4	524	0	0	0	1	1	2	2	3	0	1
5	0	47	0	0	0	0	0	0	0	0	0
6	455	0	0	1	0	0	1	1	0	2	0

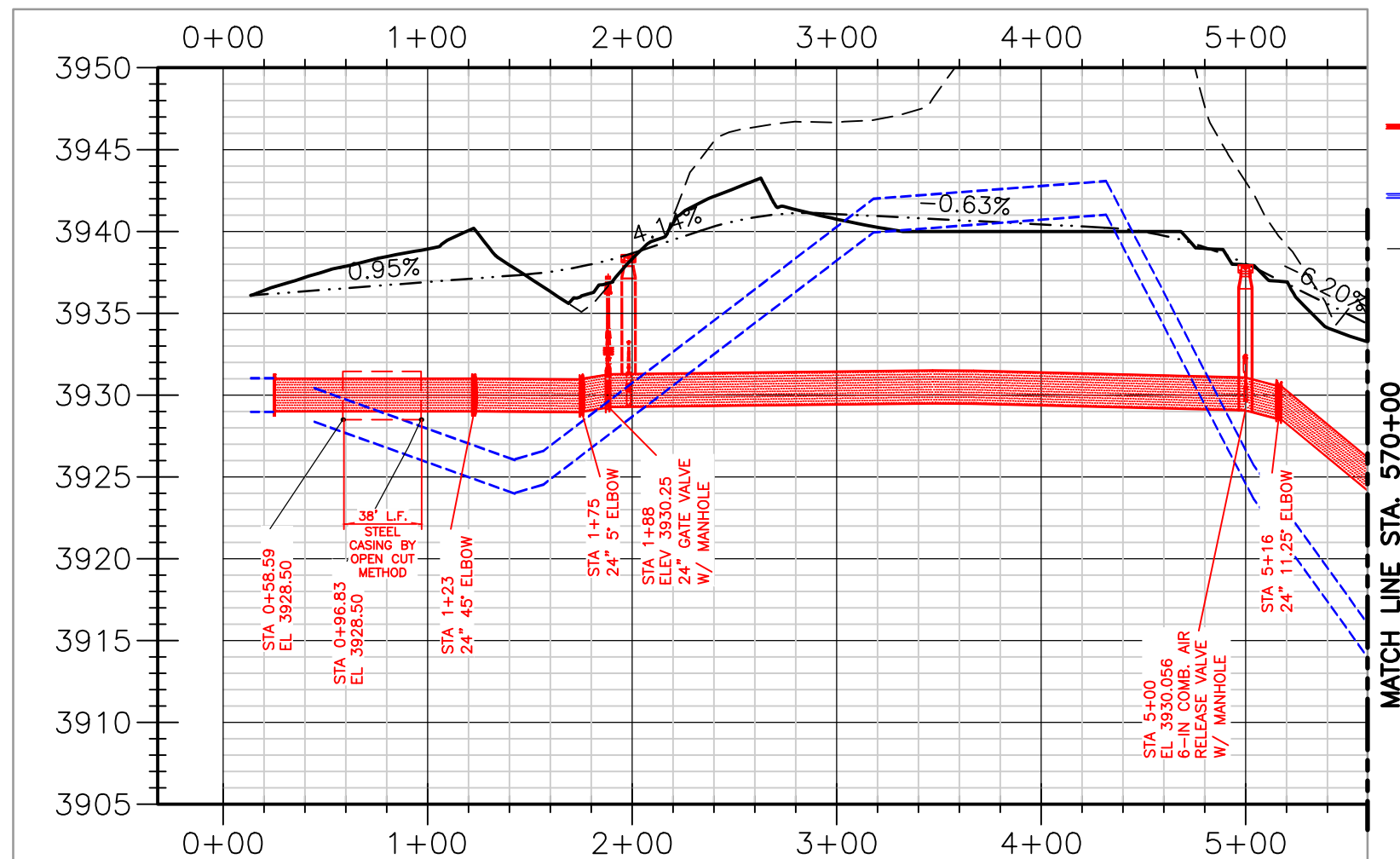
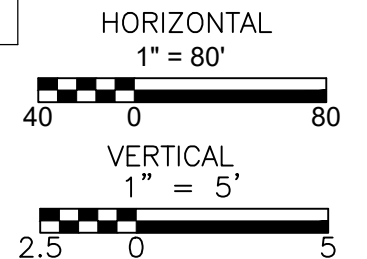
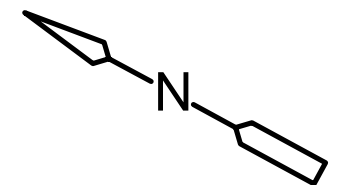
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		4487 N.MESA ST, SUITE 202 EL PASO, TEXAS 79902 TEL: 915 544-2340 FAX: 915 544-1345 TBPE Firm Registration No. F-3043	
			
I-10 WB FRONTAGE ROAD SANITARY SEWER RELOCATION RECLAIMED WATER QUANTITY SUMMARY			
SHEET 2 OF 6			
FED RD DIV NO.	STATE AID PROJECT NO.		HIGHWAY
6	C 2121-2-167		IH 10
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	ELP	EL PASO	
CONTROL	SECTION	JOB	
2121	02	167	

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- CONSTRUCTION NOTES:
1. CONTRACTOR TO FIELD-VERIFY LOCATION, MATERIAL AND SIZE, INCLUDING OUTSIDE DIAMETER OF EXISTING PIPE AT TIE-IN LOCATIONS PRIOR TO ORDERING TIE-IN FITTINGS.
 2. THE EXISTING RECLAIMED WATER LINE CAN BE SHUT DOWN BETWEEN NOVEMBER 15 AND FEBRUARY 15, ONLY. CONTRACTOR TO SCHEDULE TIE-IN WORK DURING NOVEMBER 15 AND FEBRUARY 15.
 3. CONTRACTOR TO SUBMIT "WATER SHUT-OFF REQUEST FOR TIE-IN" TO EPWATER FOR APPROVAL AT LEAST 2 WEEKS PRIOR TO PROPOSED SHUT-OFF DATE.
 4. CONTRACTOR IS RESPONSIBLE FOR DRAINING/DEWATERING EXISTING RECLAIMED LINES FOR TIE-INS. NO SEPARATE PAYMENT
 5. CONTRACTOR TO REMOVE AND DISPOSE ABANDONED RECLAIMED WATER LINE, INCLUDING VALVES, FITTINGS AND MANHOLES.

RECLAIMED WATER SHEET 1 STATION 565+00-570+00				
COLOR	DESCRIPTION	REIMBURSEMENT ELEGIBILITY	UNIT	QTY
	EXISTING 24" STEEL RECLAIMED WATER	REPLACEMENT IN KIND (100% REIMBURSABLE)	LF	438.5

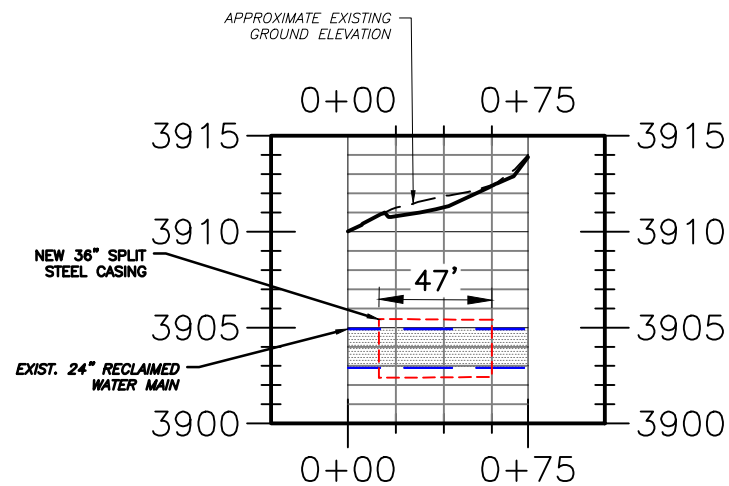
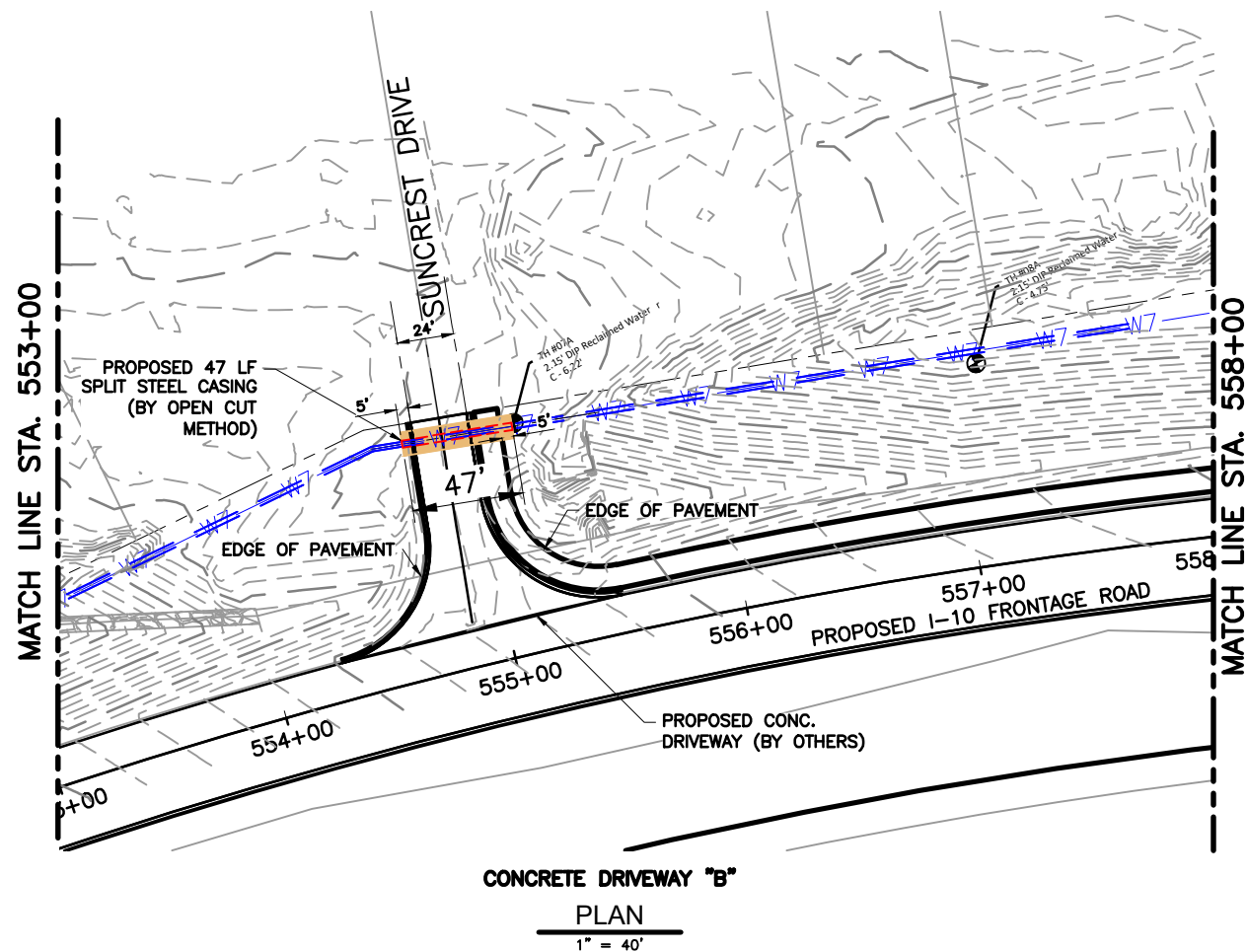


LEGEND

- PROPOSED RECLAIMED WATER LINE
- EXISTING RECLAIMED WATER LINE
- EXISTING ROW

NO.	DATE	REVISION	APPROV.
 1154 HAWKINS BLVD. EL PASO, TEXAS 79925 (915) 594-5500			
 4487 N. MESA ST. SUITE 202 EL PASO, TEXAS 79902 TEL: 915 544-2340 FAX: 915 544-1345 TBPE Firm Registration No. F-3043			
			
I-10 WB FRONTAGE ROAD RECLAIMED WATER RELOCATION STA 565+00 TO STA 570+00 24" RECLAIMED WATER LINE (W1)			
SHEET 3 OF 6			
FED RD DIV NO.	STATE AID PROJECT NO.	HIGHWAY	
6	C 2121-2-167	IH 10	
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	ELP	EL PASO	
CONTROL	SECTION	JOB	
2121	02	167	

CKG
DWG
CKG
DNE

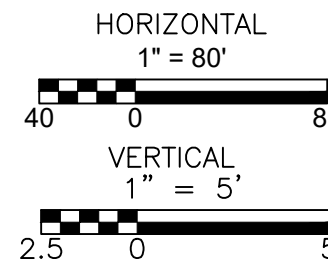
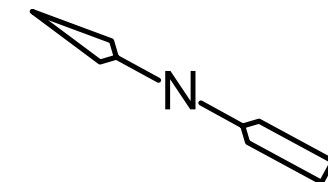


- CONSTRUCTION NOTES:
1. CONTRACTOR TO FIELD-VERIFY LOCATION, MATERIAL AND SIZE, INCLUDING OUTSIDE DIAMETER OF EXISTING PIPE AT TIE-IN LOCATIONS PRIOR TO ORDERING TIE-IN FITTINGS.
 2. THE EXISTING RECLAIMED WATER LINE CAN BE SHUT DOWN BETWEEN NOVEMBER 15 AND FEBRUARY 15, ONLY. CONTRACTOR TO SCHEDULE TIE-IN WORK DURING NOVEMBER 15 AND FEBRUARY 15.
 3. CONTRACTOR TO SUBMIT "WATER SHUT-OFF REQUEST FOR TIE-IN" TO EPWATER FOR APPROVAL AT LEAST 2 WEEKS PRIOR TO PROPOSED SHUT-OFF DATE.
 4. CONTRACTOR IS RESPONSIBLE FOR DRAINING/DEWATERING EXISTING RECLAIMED LINES FOR TIE-INS. NO SEPARATE PAYMENT
 5. CONTRACTOR TO REMOVE AND DISPOSE ABANDONED RECLAIMED WATER LINE, INCLUDING VALVES, FITTINGS AND MANHOLES.

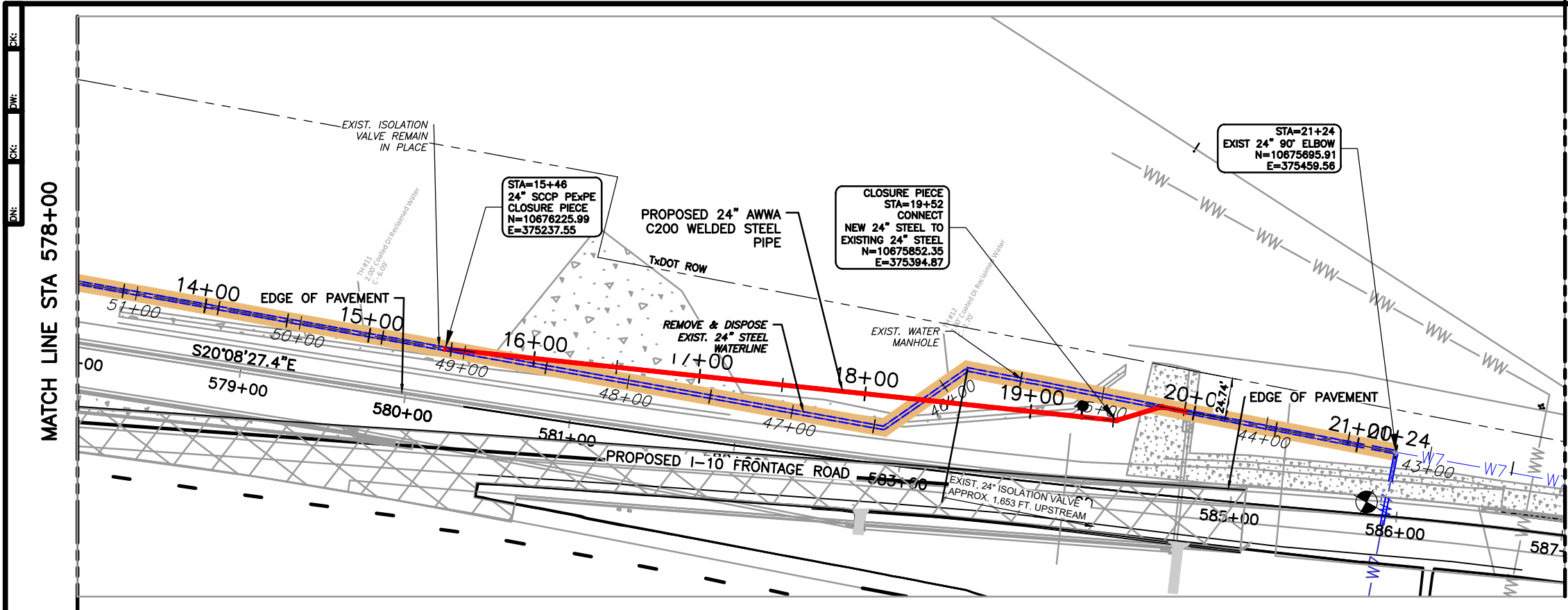
RECLAIMED WATER SHEET 1 STATION 553+00-558+00				
COLOR	DESCRIPTION	REIMBURSEMENT ELEGIBILITY	UNIT	QTY
	EXISTING 24" STEEL RECLAIMED WATER	REPLACEMENT IN KIND (100% REIMBURSABLE)	LF	47

LEGEND

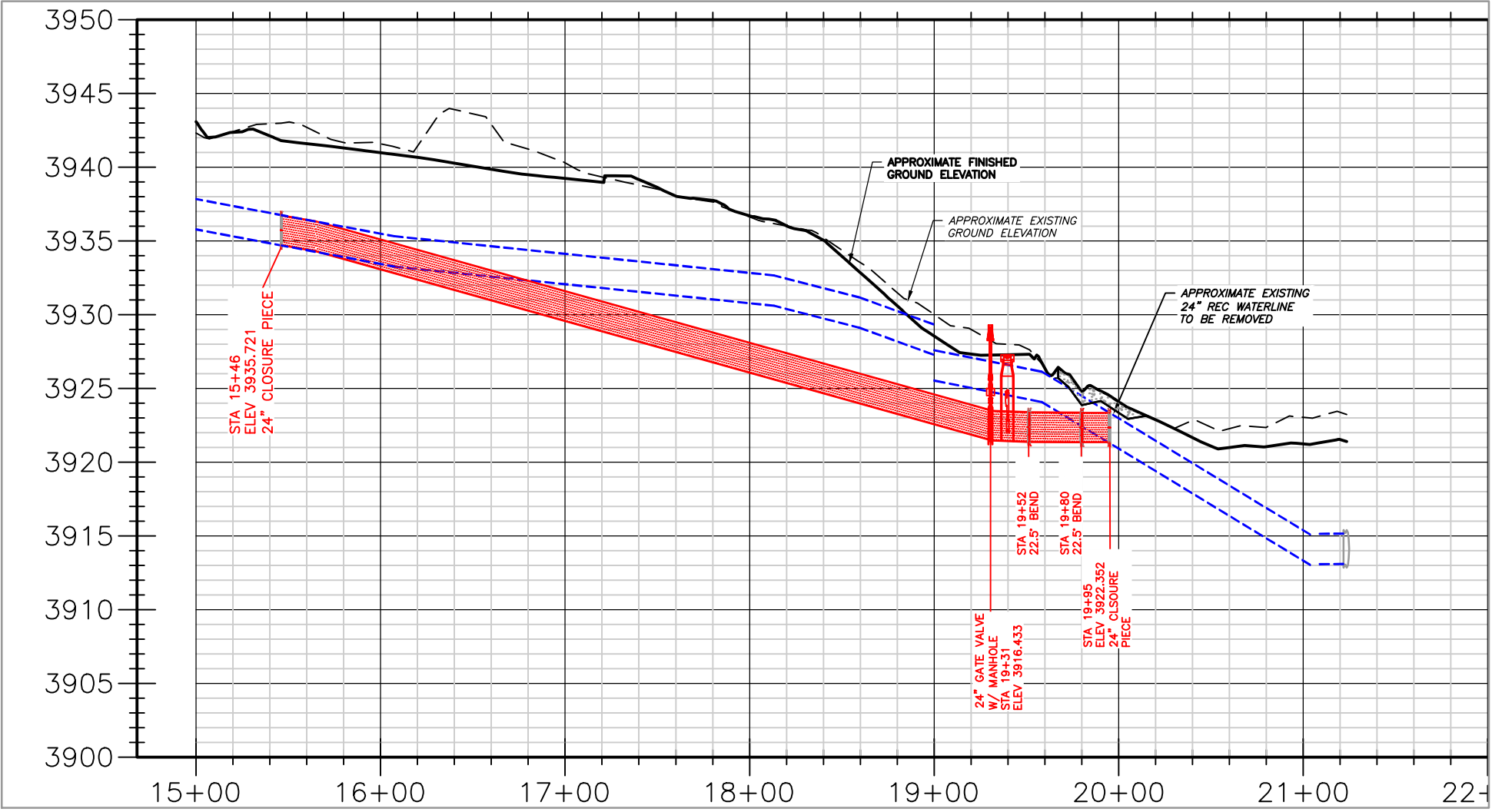
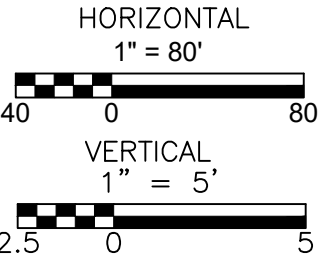
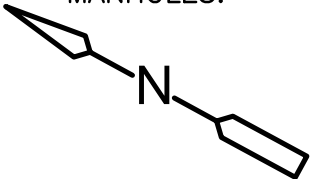
- PROPOSED RECLAIMED WATER LINE
- W7— EXISTING RECLAIMED WATER LINE
- EXISTING ROW



NO.	DATE	REVISION	APPROV.
 1154 HAWKINS BLVD. EL PASO, TEXAS 79925 (915) 594-5500			
 4487 N. MESA ST. SUITE 202 EL PASO, TEXAS 79902 TEL: 915 544-2340 FAX: 915 544-1345 TBPE Firm Registration No. F-3043			
			
I-10 WB FRONTAGE ROAD RECLAIMED WATER RELOCATION STA 570+00 TO STA 578+00 24" RECLAIMED WATER LINE (W2)			
SHEET 5 OF 6			
FED RD DIV NO.	STATE AID PROJECT NO.	HIGHWAY	
6	C 2121-2-167	IH 10	
STATE	DISTRICT	COUNTY	SHEET NO.
TEXAS	ELP	EL PASO	
CONTROL	SECTION	JOB	
2121	02	167	



- CONSTRUCTION NOTES:
1. CONTRACTOR TO FIELD-VERIFY LOCATION, MATERIAL AND SIZE, INCLUDING OUTSIDE DIAMETER OF EXISTING PIPE AT TIE-IN LOCATIONS PRIOR TO ORDERING TIE-IN FITTINGS.
 2. THE EXISTING RECLAIMED WATER LINE CAN BE SHUT DOWN BETWEEN NOVEMBER 15 AND FEBRUARY 15, ONLY. CONTRACTOR TO SCHEDULE TIE-IN WORK DURING NOVEMBER 15 AND FEBRUARY 15.
 3. CONTRACTOR TO SUBMIT "WATER SHUT-OFF REQUEST FOR TIE-IN" TO EPWATER FOR APPROVAL AT LEAST 2 WEEKS PRIOR TO PROPOSED SHUT-OFF DATE.
 4. CONTRACTOR IS RESPONSIBLE FOR DRAINING/DEWATERING EXISTING RECLAIMED LINES FOR TIE-INS. NO SEPARATE PAYMENT.
 5. CONTRACTOR TO REMOVE AND DISPOSE ABANDONED RECLAIMED WATER LINE, INCLUDING VALVES, FITTINGS AND MANHOLES.



RECLAIMED WATER SHEET 1 STATION 578+00-587+00				
COLOR	DESCRIPTION	REIMBURSEMENT ELIGIBILITY	UNIT	QTY
	EXISTING 24" STEEL RECLAIMED WATER	REPLACEMENT IN KIND (100% REIMBURSABLE)	LF	470

- LEGEND
- PROPOSED RECLAIMED WATER LINE
 - EXISTING RECLAIMED WATER LINE
 - EXISTING ROW

NO. DATE

REVISION

APPROV.

el paso WATER

1154 HAWKINS BLVD.
EL PASO, TEXAS 79902
(915) 594-5500

CDM Smith

4487 N. MESA ST., SUITE 202
EL PASO, TEXAS 79902
TEL: 915 544-2340 FAX: 915 544-1345
TBPE Firm Registration No. F-3043

Texas Department of Transportation

I-10 WB FRONTAGE ROAD
SANITARY SEWER RELOCATION
STA 580+00 TO STA 586+00
24" RECLAIMED WATER LINE (W3)

SHEET 6 OF 6

FED. RD. DIV. NO.	STATE AID PROJECT NO.	HIGHWAY
6	C 2121-2-167	IH 10
STATE	DISTRICT	COUNTY
TEXAS	ELP	EL PASO
CONTROL	SECTION	JOB
2121	02	167

Utility Adjustment for TxDOT Project

City of El Paso Public Service Board

IH10

RCSJ:2121-02-180

ROW Project ID (TxC):

Utility ID#:U00026278

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 7). Applies to All "EA" or "LS" items.

Internally Supplied Materials - documented with Certified Ledger

Line Item / Item Description	Unit	Quantity	\$/Unit	Total
				\$ -
Select this row and Insert to add rows.	Drag to fill formulas from top cell.			\$ -
OVERHEAD (%)	Enter % if applicable			\$ -
SUBTOTAL				\$ -

Externally Acquired Materials - documented with Invoices and/or Checks

Line Item / Item Description	Unit	Quantity	\$/Unit	Total
Trench Safety System: Trench Box Method or Shoring, Sheet piling, and Bracing Method; complete in place.	LF	3265.5	\$ 75.00	\$ 244,912.50
Provide Subsurface Utility Engineering Quality Level A for tie-in locations	EA	4.2	\$ 4,000.00	\$ 16,800.00
Furnish 16-inch AWWA C900, DR25 PVC Pipe and all other appurtenances; complete in place.	LF	213.5	\$ 560.00	\$ 119,560.00
Furnish 24-inch AWWA C200 Welded Steel Pipe and all other appurtenances; complete in place.	LF	997.5	\$ 1,275.00	\$ 1,271,812.50
Furnish 24-inch split steel casing and appurtenances using open cut method; complete in place	LF	35	\$ 3,000.00	\$ 105,000.00
Furnish 36-inch steel casing and appurtenances using open cut method; complete in place	LF	28	\$ 4,000.00	\$ 112,000.00
Furnish 36-inch split steel casing and appurtenances using open cut method; complete in place	LF	24.5	\$ 4,500.00	\$ 110,250.00
Tie-In 16 -inch PVC to the existing 16 -inch PVC sanitary sewer; complete in place.	EA	1.4	\$ 45,800.00	\$ 64,120.00
Tie-In 24 -inch AWWA C200 Welded Steel Pipe to the existing 24 -inch tape-wrapped steel reclaimed water line; complete in place.	EA	2.8	\$ 85,000.00	\$ 238,000.00
Furnish 48-inch diameter precast concrete manholes; complete in place	EA	1.4	\$ 35,500.00	\$ 49,700.00
Furnish 24-inch Isolation Gate Valves with manholes, appurtenances and fittings; complete in place	E.A	1.4	\$ 76,500.00	\$ 107,100.00
Furnish 6-inch combination air-release valve with manholes, appurtenances and fittings; complete in place	EA	0.7	\$ 45,000.00	\$ 31,500.00
Furnish 6-inch blow-off valve with manholes, appurtenances and fittings; complete in place	EA	0.7	\$ 40,000.00	\$ 28,000.00
Remove and Dispose existing 16-inch PVC sanitary sewer; complete in place	LF	196	\$ 40.00	\$ 7,840.00
Remove and Dispose of existing 24-inch taped-wrapped reclaimed water line; complete in place	LF	980	\$ 75.00	\$ 73,500.00
Furnish 48-inch wide concrete cap; complete in place	LF	10.5	\$ 60.00	\$ 630.00
Furnish, maintain and remove 24-inch dual line stop with 16-inch HDPE bypass line	WK	2	\$ 203,392.00	\$ 406,784.00
Preparation and Implementation of TPDES requirements	EA	0.7	\$ 120,000.00	\$ 84,000.00
Remove and dispose of existing 48-inch diameter concrete manholes; complete in place	EA	1.4	\$ 7,500.00	\$ 10,500.00
Furnish, maintain and remove temporary bypass for the existing 16-inch sewer line during tie-in	WK	2	\$ 105,000.00	\$ 210,000.00
Select this row and Insert to add rows.	Drag to fill formulas from top cell.			\$ -
SUBTOTAL				\$ 3,292,009.00
MATERIALS SUBTOTAL				\$ 3,292,009.00

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

** Indicated items are declared construction materials and/or manufactured products for which the utility ensures DOMESTIC ORIGIN. (BABA COMPLIANCE)

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

Internal Labor Costs - documented with Certified Time Sheets or Certified Ledger

Line Item / Item Description	Unit	Quantity	\$/Unit	Total
				\$ -
Select this row and Insert to add rows.	Drag to fill formulas from top cell.			\$ -
OVERHEAD (%)	Enter % if applicable	0.00%		\$ -
SUBTOTAL				\$ -

External Labor Costs - documented with Invoices and / or checks				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
Insurance, Bonds, and Move-In Related Expenses, Not to Exceed 5% of Bid Item Nos. 2 through 15. If Item No. 1 exceeds 5%, bid may be deemed non-responsive).	EA	1	\$ 235,143.00	\$ 235,143.00
Trench Safety System: Trench Box Method or Shoring, Sheeting, and Bracing Method; complete in place.	LF	1399.5	\$ 75.00	\$ 104,962.50
Provide Subsurface Utility Engineering Quality Level A for tie-in locations	EA	1.8	\$ 4,000.00	\$ 7,200.00
Install 16-inch AWWA C900, DR25 PVC Pipe and all other appurtenances; complete in place.	LF	91.5	\$ 560.00	\$ 51,240.00
Install 24-inch AWWA C200 Welded Steel Pipe and all other appurtenances; complete in place.	LF	427.5	\$ 1,275.00	\$ 545,062.50
Install 24-inch split steel casing and appurtenances using open cut method; complete in place	LF	15	\$ 3,000.00	\$ 45,000.00
Install 36-inch steel casing and appurtenances using open cut method; complete in place	LF	12	\$ 4,000.00	\$ 48,000.00
Install 36-inch split steel casing and appurtenances using open cut method; complete in place	LF	10.5	\$ 4,500.00	\$ 47,250.00
Tie-In 16 -inch PVC to the existing 16 -inch PVC sanitary sewer; complete in place.	EA	0.6	\$ 45,800.00	\$ 27,480.00
Tie-In 24 -inch AWWA C200 Welded Steel pipe to the existing 24 -inch Taped-Wrapped Steel reclaimed water line; complete in place.	EA	1.2	\$ 85,000.00	\$ 102,000.00
Install 48-inch diameter precast concrete manholes; complete in place	EA	0.6	\$ 35,500.00	\$ 21,300.00
Install 24-inch Isolation Gate Valves with manholes, appurtenances and fittings; complete in place	EA	0.6	\$ 76,500.00	\$ 45,900.00
Install 6-inch combination air-release valve with manholes, appurtenances and fittings; complete in place	EA	0.3	\$ 45,000.00	\$ 13,500.00
Install 6-inch blow-off valve with manholes, appurtenances and fittings; complete in place	EA	0.3	\$ 40,000.00	\$ 12,000.00
Remove and Dispose existing 16-inch PVC sanitary sewer; complete in place	LF	84	\$ 40.00	\$ 3,360.00
Remove and Dispose of existing 24-inch Tape-Wrapped Steel reclaimed water line; complete in place	LF	420	\$ 75.00	\$ 31,500.00
Install 48-inch wide concrete cap; complete in place	LF	4.5	\$ 60.00	\$ 270.00
Install, maintain and remove 24-inch dual line stop with 16-inch HDPE bypass line	WK	2	\$ 87,168.00	\$ 174,336.00
Preparation and Implementation of TPDES requirements	EA	0.3	\$ 120,000.00	\$ 36,000.00
Remove and dispose of existing 48-inch diameter concrete manholes; complete in place	EA	0.6	\$ 7,500.00	\$ 4,500.00
Install, maintain and remove temporary bypass for the exisiting 16-inch sewer line during tie-in	WK	2	\$ 45,000.00	\$ 90,000.00
				\$ -
Select this row and Insert to add rows.	Drag to fill formulas from top cell.			\$ -
			SUBTOTAL	\$ 1,646,004.00
			LABOR SUBTOTAL	\$ 1,646,004.00

Internal Engineering - Costs Documented with Certified Timesheets or Certified Ledger				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
Sewer Sheet C2				\$ -
Emergencies/Standby Crew	HR	40	\$ 250.00	\$ 10,000.00
Field Crew	HR	30	\$ 80.00	\$ 2,400.00
Substantial Completion	HR	4	\$ 80.00	\$ 320.00
Final Completion	HR	4	\$ 80.00	\$ 320.00
				\$ -
Reclaimed Sheet C3				\$ -
Crew Operate Valve	HR	8	\$ 125.00	\$ 1,000.00
Emergencies/Standby Crew	HR	20	\$ 250.00	\$ 5,000.00
Field Crew	HR	20	\$ 80.00	\$ 1,600.00
Substantial Completion	HR	4	\$ 80.00	\$ 320.00
Final Completion	HR	4	\$ 80.00	\$ 320.00
Emergencies	HR	50	\$ 160.00	\$ 8,000.00
				\$ -
Reclaimed Sheet C4				\$ -
Crew Operate Valve	HR	8	\$ 125.00	\$ 1,000.00
Emergencies/Standby Crew	HR	20	\$ 250.00	\$ 5,000.00
Field Crew	HR	20	\$ 80.00	\$ 1,600.00
Substantial Completion	HR	4	\$ 80.00	\$ 320.00
Final Completion	HR	4	\$ 80.00	\$ 320.00
Emergencies	HR	50	\$ 160.00	\$ 8,000.00
				\$ -
Project Management-Weekly Mettings				\$ -
Substantial Completion	HR	8	\$ 80.00	\$ 640.00

Final Completion	HR	8	\$	80.00	\$	640.00
Emergencies	HR	27	\$	160.00	\$	4,320.00
PM	HR	16	\$	39.00	\$	624.00
					\$	-
Project Management-Coordination					\$	-
Substantial Completion	HR	8	\$	80.00	\$	640.00
Final Completion	HR	8	\$	80.00	\$	640.00
Emergencies	HR	27	\$	160.00	\$	4,320.00
PM	HR	16	\$	39.00	\$	624.00
					\$	-
Select this row and Insert to add rows.	Drag to fill formulas from top cell.				\$	-
SUBTOTAL					\$	57,968.00
Internal Survey / Landman						
					\$	-
Select this row and Insert to add rows.	Drag to fill formulas from top cell.				\$	-
SUBTOTAL					\$	-
Internal Inspection						
					\$	-
Select this row and Insert to add rows.	Drag to fill formulas from top cell.				\$	-
SUBTOTAL					\$	-
Internal Administration						
					\$	-
Select this row and Insert to add rows.	Drag to fill formulas from top cell.				\$	-
SUBTOTAL					\$	-
Internal Engineering/ Survey/ Inspection/ Administration Overhead						
OVERHEAD (%)			Enter % if applicable	0.00%	\$	-
SUBTOTAL					\$	57,968.00

External Engineering - Cost documented with INVOICES and / or CHECKS						
Line Item / Item Description	Unit	Quantity		\$/Unit		Total
CDM Smith On-Call						
Task 1 Project Administartion- Design and Bid Phase					\$	-
1.0 On-Going Project Management					\$	-
1.0.1 Project Kick Off Meeting					\$	-
Project Manager	HR	2	\$	93.50	\$	187.00
Project Engineer	HR	2	\$	48.09	\$	96.18
1.0.2 General PM activities/coordination, directing work					\$	-
Client Service Leader	HR	4	\$	88.25	\$	353.00
Project Manager	HR	40	\$	93.50	\$	3,740.00
1.0.3 Project administration, records & general meetings/minutes					\$	-
Project Engineer	HR	16	\$	48.09	\$	769.44
Project Manager	HR	8	\$	93.50	\$	748.00
Clerical	HR	4	\$	35.64	\$	142.56
1.0.4 Monthly progress status reports & invoicing					\$	-
Project Manager	HR	8	\$	93.50	\$	748.00
Contracts Admin	HR	20	\$	37.78	\$	755.60
Task 2 Design Phase Services					\$	-
2.1 Preliminary Design Activities - Subs, Maps & Aerials, Data Gathering, 30%					\$	-
2.1.1 Request & obtain EPWU As built, Shop Drawings, W and WW maps					\$	-
Project Engineer	HR	8	\$	48.09	\$	384.72
Drafting	HR	4	\$	50.69	\$	202.76
2.1.2 Coordinate with utilities & City if applicable for records					\$	-
Project Engineer	HR	2	\$	48.09	\$	96.18
Clerical	HR	2	\$	35.64	\$	71.28
2.1.3 TXDOT Geotechnical Report Review					\$	-
Project Manager	HR	2	\$	93.50	\$	187.00
Project Engineer	HR	4	\$	48.09	\$	192.36
2.1.4 TXDOT Cultural Resources Report Review					\$	-
Project Manager	HR	2	\$	93.50	\$	187.00
Project Engineer	HR	4	\$	48.09	\$	192.36
2.1.6 Meet with EPWU for approval of recommended relocations					\$	-
Project Manager	HR	8	\$	93.50	\$	748.00
Project Engineer	HR	8	\$	48.09	\$	384.72
Clerical	HR	2	\$	35.64	\$	71.28
2.1.7 Coordinate SUE, Main Elevation Depths					\$	-
2.1.7 Coordinate new Metes and Bounds Easements					\$	-
2.1.8 Coordinate with EPWater, TXDOT PM, impromptu meetings					\$	-
Project Manager	HR	20	\$	93.50	\$	1,870.00
Project Engineer	HR	20	\$	48.09	\$	961.80
2.1.9 Set up sheets for scale, title block, street ROW, easement					\$	-
Project Manager	HR	1	\$	93.50	\$	93.50
Project Engineer	HR	2	\$	48.09	\$	96.18
Drafting	HR	8	\$	50.69	\$	405.52
2.1.10 Set up front end & technical specification base files					\$	-
Project Manager	HR	1	\$	93.50	\$	93.50
Project Engineer	HR	4	\$	48.09	\$	192.36
Clerical	HR	6	\$	35.64	\$	213.84

2.1.11 Set up cover sht, index sht, EPWU standard details				\$	-
Project Manager	HR	1	\$	93.50	\$ 93.50
Project Engineer	HR	4	\$	48.09	\$ 192.36
Drafting	HR	8	\$	50.69	\$ 405.52
2.1.12 Continue setting up selected pipeline replacement				\$	-
Project Engineer	HR	4	\$	48.09	\$ 192.36
2.1.13 Conduct internal QA/QC review of 30% design				\$	-
QA/QC	HR	6	\$	76.77	\$ 460.62
Project Engineer	HR	2	\$	48.09	\$ 96.18
2.2 Design Activities (60% and 95%) - Continue Design Production				\$	-
2.2.1 On-going coordination with utility companies (Texas Gas, EPECO, others)				\$	-
Project Manager	HR	1	\$	93.50	\$ 93.50
Project Engineer	HR	2	\$	48.09	\$ 96.18
Drafting	HR	4	\$	50.69	\$ 202.76
2.2.2 Produce Wtr/WW main profiles, existing UG utilities, crossings				\$	-
Project Manager	HR	8	\$	93.50	\$ 748.00
Project Engineer	HR	32	\$	48.09	\$ 1,538.88
Drafting	HR	88	\$	50.69	\$ 4,460.72
2.2.3 Produce partial project notes, call-outs, dimensions				\$	-
Project Manager	HR	1	\$	93.50	\$ 93.50
Project Engineer	HR	6	\$	48.09	\$ 288.54
Drafting	HR	8	\$	50.69	\$ 405.52
2.2.5 Design isolation valve spacing & requirements				\$	-
Project Manager	HR	1	\$	93.50	\$ 93.50
Project Engineer	HR	6	\$	48.09	\$ 288.54
Drafting	HR	8	\$	50.69	\$ 405.52
2.2.7 Design air/vac valve spacing on PL profile & requirements				\$	-
Project Manager	HR	1	\$	93.50	\$ 93.50
Project Engineer	HR	2	\$	48.09	\$ 96.18
Drafting	HR	4	\$	50.69	\$ 202.76
2.2.8 Produce pavement cut and repair details				\$	-
Project Manager	HR	1	\$	93.50	\$ 93.50
Project Engineer	HR	2	\$	48.09	\$ 96.18
Drafting	HR	8	\$	50.69	\$ 405.52
2.2.9 Produce corrosion protection requirements where needed				\$	-
Project Manager	HR	1	\$	93.50	\$ 93.50
Project Engineer	HR	2	\$	48.09	\$ 96.18
Drafting	HR	8	\$	50.69	\$ 405.52
2.2.10 Produce partial stormwater pollution prevention plan & details				\$	-
2.2.11 Specify traffic control requirements based on TXDOT/City comments				\$	-
2.2.12 Produce & deliver review sheets to other utilities for review				\$	-
Project Engineer	HR	4	\$	48.09	\$ 192.36
Drafting	HR	2	\$	50.69	\$ 101.38
2.2.13 Produce partial technical specifications on TXDOT Format				\$	-
Project Manager	HR	16	\$	93.50	\$ 1,496.00
Project Engineer	HR	32	\$	48.09	\$ 1,538.88
Spec Writer	HR	40	\$	60.73	\$ 2,429.20
Clerical	HR	24	\$	35.64	\$ 855.36
2.2.14 Produce applicable front end documents (EPWater Front Ends NOT USED)				\$	-
2.2.15 Produce Minimum Specific Criteria & Special Conditions	HR	2	\$	48.09	\$ 96.18
Project Engineer				\$	-
2.2.16 Coordinate 60% and 95% opinion of construction cost				\$	-
Project Manager	HR	1	\$	93.50	\$ 93.50
Project Engineer	HR	2	\$	48.09	\$ 96.18
Estimator	HR	10	\$	76.51	\$ 765.10
2.2.17 Conduct internal QA/QC review of 60% design				\$	-
QA/QC	HR	8	\$	76.77	\$ 614.16
Project Manager	HR	1	\$	93.50	\$ 93.50
Project Engineer	HR	2	\$	48.09	\$ 96.18
Clerical	HR	2	\$	35.64	\$ 71.28
2.2.18 Submit 60% design for EPWU review				\$	-
Project Manager	HR	1	\$	93.50	\$ 93.50
Project Engineer	HR	4	\$	48.09	\$ 192.36
Drafting	HR	1	\$	50.69	\$ 50.69
Clerical	HR	2	\$	35.64	\$ 71.28
2.2.20 Prepare Basis of LD's, 95% Checklist, Proj. Sumry Stmt.				\$	-
2.2.21 Conduct internal QA/QC review of 95% design				\$	-
QA/QC	HR	4	\$	76.77	\$ 307.08
Project Manager	HR	1	\$	93.50	\$ 93.50
2.1.22 Produce & deliver review sheets to other utilities for review				\$	-
Project Engineer	HR	2	\$	48.09	\$ 96.18
Drafting	HR	2	\$	50.69	\$ 101.38
Clerical	HR	2	\$	35.64	\$ 71.28
2.2.23 Submit 95% design for EPWU review				\$	-
Project Engineer	HR	1	\$	48.09	\$ 48.09
Clerical	HR	2	\$	35.64	\$ 71.28
2.2.24 Attend EPWU review meetings at 60% and 95%				\$	-
Project Manager	HR	6	\$	93.50	\$ 561.00
Project Engineer	HR	6	\$	48.09	\$ 288.54
2.3 Design Activities - Final Design (100%)				\$	-
2.3.1 Address EPWU & other utilities review comments				\$	-

Project Manager	HR	1	\$	93.50	\$	93.50
Project Engineer	HR	8	\$	48.09	\$	384.72
2.3.2 Complete 100% design drawings					\$	-
Project Manager	HR	8	\$	93.50	\$	748.00
Project Engineer	HR	12	\$	48.09	\$	577.08
Drafting	HR	40	\$	50.69	\$	2,027.60
2.3.3 Complete 100% design specifications					\$	-
Project Manager	HR	1	\$	93.50	\$	93.50
Project Engineer	HR	8	\$	48.09	\$	384.72
Spec Writer	HR	8	\$	60.73	\$	485.84
Clerical	HR	12	\$	35.64	\$	427.68
2.3.4 Conduct internal QA/QC review of 100% design					\$	-
QA/QC	HR	2	\$	76.77	\$	153.54
Project Manager	HR	1	\$	93.50	\$	93.50
Project Engineer	HR	2	\$	48.09	\$	96.18
2.3.5 Prepare EPWU Construction Schedule					\$	-
Project Manager	HR	1	\$	93.50	\$	93.50
Project Engineer	HR	2	\$	48.09	\$	96.18
2.3.6 Produce 100% opinion of construction cost					\$	-
Project Engineer	HR	4	\$	48.09	\$	192.36
Estimator	HR	2	\$	76.51	\$	153.02
2.3.7 Produce one set 1/2 size dwgs to confirm comments					\$	-
2.3.8 Sign & seal drawings, specifications, deliver to EPWU					\$	-
Project Manager	HR	1	\$	93.50	\$	93.50
Project Engineer	HR	1	\$	48.09	\$	48.09
Task 3 BID PHASE SERVICES					\$	-
3.1 Prepare for and participate in Pre Bid Conference					\$	-
3.2 Address bidder questions & prepare addendum					\$	-
Project Manager	HR	2	\$	93.50	\$	187.00
Project Engineer	HR	8	\$	48.09	\$	384.72
Drafting	HR	8	\$	50.69	\$	405.52
Clerical	HR	2	\$	35.64	\$	71.28
3.3 Evaluate Apparent Low Bidder and prepare matrix					\$	-
3.4 Attend PSB meeting for award of contract to qualified bidder					\$	-
					\$	-
					\$	-
TOTAL RAW LABOR COSTS, ODC'S&OPC'S					\$	-
1 PROJECT ADMINISTRATION					\$	-
Raw Labor		0	\$	7,540.00	\$	-
Other Direct Cost		0	\$	123.25	\$	-
2 DESIGN PHASE SERVICES					\$	-
Raw Labor		0	\$	35,211.00	\$	-
Other Direct Cost		0	\$	103.25	\$	-
3 BID PHASE SERVICES					\$	-
Raw Labor		0	\$	1,049.00	\$	-
Other Direct Cost		0	\$	75.00	\$	-
					\$	-
Design & Bid Phase Labor		1	\$	43,799.00	\$	-
Overhead at 161.85%		1	\$	70,889.00	\$	70,889.00
sub-total		1	\$	114,688.00		
Profit at 12%		1	\$	13,763.00	\$	13,763.00
					\$	-
TOTAL Other Direct Costs		1	\$	302.00	\$	302.00
					\$	-
Amendment No. 1					\$	-
					\$	-
Task 1 PROJECT ADMINISTRATION - Design and Bid Phase					\$	-
1.0 On-Going Project Management					\$	-
1.0.1 Project Kick Off Meeting					\$	-
1.0.2 General PM activities/coordination, directing work					\$	-
CSL	HR	18	\$	85.61	\$	1,540.98
Project Manager	HR	100	\$	59.12	\$	5,912.00
1.0.3 Project administration, records & general meetings/minutes						
Project Manager	HR	90	\$	59.12	\$	5,320.80
Project Engineer	HR	54	\$	39.86	\$	2,152.44
Clerical	HR	16	\$	39.64	\$	634.24
1.0.4 Monthly progress status reports & invoicing					\$	-
Project Manager	HR	18	\$	59.12	\$	1,064.16
Project Engineer	HR	36	\$	39.86	\$	1,434.96
Contracts Admin	HR	27	\$	42.54	\$	1,148.58
Task 2 DESIGN PHASE SERVICES					\$	-
Task 3 BID PHASE SERVICES					\$	-
3.1 Prepare for and participate in Pre Bid Conference					\$	-
Project Manager	HR	4	\$	59.12	\$	236.48
Project Engineer	HR	8	\$	39.86	\$	318.88
3.2 Address bidder questions & prepare addendum					\$	-
Project Manager	HR	4	\$	59.12	\$	236.48
Project Engineer	HR	24	\$	39.86	\$	956.64
Drafting	HR	16	\$	56.45	\$	903.20
Clerical	HR	8	\$	39.64	\$	317.12
3.3 Evaluate Apparent Low Bidder and prepare matrix					\$	-

Project Manager	HR	4	\$	59.12	\$	236.48
Project Engineer	HR	24	\$	39.86	\$	956.64
					\$	-
TOTAL RAW LABOR COSTS, ODC'S&OPC'S					\$	-
1 PROJECT ADMINISTRATION					\$	-
Raw Labor		0	\$	19,208.00	\$	-
Other Direct Cost		0	\$	547.00	\$	-
2 DESIGN PHASE SERVICES					\$	-
3 BID PHASE SERVICES					\$	-
Raw Labor		0	\$	4,162.00	\$	-
Other Direct Cost		0	\$	75.00	\$	-
					\$	-
Design & Bid Phase Labor		1	\$	23,370.00	\$	-
Overhead at 170.03%		1	\$	39,736.00	\$	39,736.00
sub-total		1	\$	63,106.00		
Profit at 12%		1	\$	7,573.00	\$	7,573.00
					\$	-
TOTAL Other Direct Costs		1	\$	622.00	\$	622.00
					\$	-
Amendment No. 2					\$	-
Task 1 PROJECT ADMINISTRATION - Design and Bid Phase					\$	-
1.0 On-Going Project Management					\$	-
1.0.1 Project Kick Off Meeting					\$	-
1.0.2 General PM activities/coordination, directing work					\$	-
CSL	HR	10	\$	87.87	\$	878.70
Project Manager	HR	40	\$	61.72	\$	2,468.80
1.0.3 Project administration, records & general meetings/minutes					\$	-
Project Manager	HR	25	\$	61.72	\$	1,543.00
Project Engineer	HR	10	\$	39.86	\$	398.60
Clerical	HR	5	\$	39.97	\$	199.85
1.0.4 Monthly progress status reports & invoicing					\$	-
Project Manager	HR	5	\$	61.72	\$	308.60
Project Engineer	HR	4	\$	39.86	\$	159.44
Contracts Admin	HR	5	\$	42.54	\$	212.70
Task 2 DESIGN PHASE SERVICES					\$	-
2.1 Design Activities (95%)					\$	-
2.1.1 Prepare Temporary Grading (Corridor and Sections) for EW7					\$	-
QA/QC	HR	4	\$	87.84	\$	351.36
Project Manager	HR	40	\$	61.72	\$	2,468.80
Project Engineer	HR	20	\$	39.86	\$	797.20
Drafting	HR	120	\$	56.45	\$	6,774.00
2.1.2 Prepare Plan & Profile for EW4, EW6 and EW8					\$	-
QA/QC	HR	12	\$	87.84	\$	1,054.08
Project Manager	HR	16	\$	61.72	\$	987.52
Project Engineer	HR	24	\$	39.86	\$	956.64
Estimator	HR	8	\$	74.58	\$	596.64
Drafting	HR	60	\$	56.45	\$	3,387.00
2.1.3 Prepare Relocation drawings for SUA					\$	-
Project Manager	HR	40	\$	61.72	\$	2,468.80
Project Engineer	HR	60	\$	39.86	\$	2,391.60
Drafting	HR	80	\$	56.45	\$	4,516.00
2.2 Design Activities - Final Design (100%)					\$	-
2.2.1 Prepare Temporary Grading (Corridor and Sections) for EW7					\$	-
Project Manager	HR	4	\$	61.72	\$	246.88
Project Engineer	HR	8	\$	39.86	\$	318.88
Drafting	HR	16	\$	56.45	\$	903.20
2.2.2 Prepare Plan & Profile for EW4, EW6 and EW8					\$	-
Project Manager	HR	4	\$	61.72	\$	246.88
Project Engineer	HR	8	\$	39.86	\$	318.88
Drafting	HR	12	\$	56.45	\$	677.40
2.2.3 Prepare Relocation drawings for SUA					\$	-
Project Manager	HR	4	\$	61.72	\$	246.88
Project Engineer	HR	8	\$	39.86	\$	318.88
Drafting	HR	20	\$	56.45	\$	1,129.00
Task 3 BID PHASE SERVICES					\$	-
Task 3 BID PHASE SERVICES Sub-total					\$	-
					\$	-
TOTAL RAW LABOR COSTS, ODC's & OPC's					\$	-
1 PROJECT ADMINISTRATION					\$	-
Raw Labor		0	\$	6,170.00	\$	-
Other Direct Cost		0	\$	655.00	\$	-
2 DESIGN PHASE SERVICES					\$	-
Raw Labor		0	\$	31,157.00	\$	-
Other Direct Cost		0	\$	72.50	\$	-
3 BID PHASE SERVICES					\$	-
Raw Labor					\$	-
Other Direct Cost					\$	-
					\$	-
					\$	-
Design & Bid Phase Labor		1	\$	37,326.00	\$	-
Overhead at 164.58%		1	\$	61,431.00	\$	61,431.00

sub-total	1	\$	98,758.00	\$	-
Profit at 12%	1	\$	11,851.00	\$	11,851.00
				\$	-
TOTAL Other Direct Costs	1	\$	728.00	\$	728.00
				\$	-
TOTAL Outside Professional Costs				\$	-
				\$	-
Select this row and Insert to add rows.	Drag to fill formulas from top cell.			\$	-
			SUBTOTAL	\$	311,390.42
External Survey/ Landman					
				\$	-
Select this row and Insert to add rows.	Drag to fill formulas from top cell.			\$	-
			SUBTOTAL	\$	-
External Inspection					
				\$	-
Select this row and Insert to add rows.	Drag to fill formulas from top cell.			\$	-
			SUBTOTAL	\$	-
Engineering / Administration / Inspection SUBTOTAL				\$	369,358.42

SUMMARY:

		TOTAL PROJECT COST	\$ 5,307,371.42
General & Administrative OH (TPC * %)			\$ -
		GROSS COST	\$ 5,307,371.42
		SALVAGE and/or Depreciation CREDIT	\$ -
BETTERMENT RATIO		Ratio Deduction	\$ -
Amount reimbursable after Betterment and Salvage Credit			\$ 5,307,371.42
ELIGIBILITY RATIO	100.00%		
		NET REIMBURSEMENT TO UTILITY	\$ 5,307,371.42

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): 11/13/2026, 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): 504

Estimated Completion Date (mm/dd/yyyy): 03/31/2028

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: 00026278
ROW CSJ Number: 2121-02-180 District: El Paso
County: El Paso Highway No.: IH 10
Federal Project No.: _____

I, _____, a duly authorized and qualified representative of
City of El Paso Public Service Board, 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 _____

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	9	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: _____ %
☐ 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

The statement explaining Elective and/or Forced Betterment:

Initial Date
TxDOT

Initial Date
Utility

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