

**CHANGE ORDER No. 4**

PROJECT: 10<sup>th</sup> Street Extension Project

DATE OF ISSUANCE: 12/18/18

OWNER: Hidalgo County

CONTRACTOR:  
Texas Cordia Construction, LLC.  
3149-A Center Pointe Dr.  
Edinburg, Texas 78539

Engineer:  
L&G Engineers

CONTRACT FOR:  
Project: 10<sup>th</sup> Street Ext. Project  
Contract: C-17-218-01-16  
CSJ: 0921-02-300  
Limits: from SH 107 to FM 1925 (Monte Christo Rd.)

You are directed to make the following changes in the Contract Documents.

Description:

**This CO is requesting the introduction of Item 682-6018 PED SIG SEC (LED) COUNTDOWN and requests quantity adjustment to Item 467-6363 SET (TY II) (18") RCP (6:1)(P) and Item 556-6006 PIPE UNDERDRAIN (TY 6)(6").**

Purpose of Change Order:

**This CO introduces of Item 682-6018 PED SIG SEC (LED) COUNTDOWN due to item being inadvertently omitted from plans. This item provides the required Pedestrian Signal heads needed for the traffic signals. Also, due to changes in field conditions the quantities for Item 467-6363 SET (TY II)(18") RCP(6:1)(P) are being reduced. The installation of some of these structure are no longer necessary. Additionally, quantities for Item 556-6006 are being increased to address a water saturated area caused by recent rains. TxDOT has reviewed this request and has concurred with cost associated with the changes.**

Attachments: TxDOT Form 2146-L

<b>CHANGE IN CONTRACT PRICE:</b>	<b>CHANGE IN CONTRACT TIME:</b>
Original Contract Price <b><u>\$ 9,142,335.55</u></b>	Original Contract Time  <b><u>480 Working days</u></b> days or date
Previous Change Orders No. <u>  1  </u> to No. <u>  3  </u> <b><u>\$ 171,148.05</u></b>	Net change from previous Change Orders  <b><u>-0-</u></b> days

Contract Price prior to this Change Order <u>\$ 9,313,483.60</u>	Contract Time Prior to this Change Order <u>480 Working days</u> days or date
Net <b>increase</b> of this Change order <u>\$21,300.26</u>	Net <b>Decrease</b> of this Change Order <u>0 Working days</u> days
Contract Price with all approved Change Orders <u>\$ 9,334,783.86</u>	Contract Time with all approved Change Orders <u>480 Working days</u> days or date

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Construction Contract Change Order Number: 4

1. Contractor: Texas Cordia Construction, LLC.
2. Change Order Work Limits: Sta. Proj Limits to Sta. Project Limits
3. Type of Change (on federal-aid nonexempt projects: X Minor      (Major/Minor)
4. Describe the change and the reason for the change order. When necessary include exceptions to this agreement.

The following changes are being requested to introduce Item 682-6018 PED SIG SEC (LED) COUNTDOWN which was inadvertently omitted in the Bid Documents. In addition due to different field conditions, it is necessary to reduce quantity on Item 467-6363 SET (TY II)(18") RCP (6:1)(P). Also, additional quantities for Item 556-6006 Pipe UnderDrain (TY 6)(6") are needed to address a water saturated area caused by recent rains between Sta 223+00 to Sta 231+65.

CCSI:	<u>0921-02-300</u>
Project:	<u>10th Street Ext. Project</u>
Highway:	<u>10th Street</u>
County:	<u>Hidalgo</u>
District:	<u>Pharr</u>
Contract Number:	<u>Bid # C 17-218-01-16</u>

5. New or revised plan sheet (s) are attached and numbered: 21, 24, 271  
Each signatory hereby warrants that each has the authority to execute this Change Order.

<p>By signing this change order, the contractor agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit, or loss of compensation as a result of this change. Further, the contractor agrees that this agreement is made in accordance with item 4 and the Contract. Exception should be noted in the response for #5 above.</p>	<p>The following information must be provided</p> <p>Time Ext #. <u>N/A</u> Days added to this C.O.:</p> <p>Amt. added by this change order: <u>\$21,300.26</u></p> <p><b>For TxDOT use only:</b></p> <p>Days participating _____</p> <p>Amount Participating <u>\$21,300.26</u></p> <p>Signature _____ Date _____</p> <p>Name/Title _____</p>
<p>THE CONTRACTOR Date <u>12-3-18</u></p> <p>By <u>[Signature]</u></p> <p>Type/Print Name <u>CEO</u></p> <p>Type/Print Title _____</p>	

**Recommended for Execution:**

[Signature] Proj. Manager 12/10/18  
Name/Title Roberto Gallegos Date

[Signature] 12/21/18  
Name/Title \_\_\_\_\_ Date  
\_\_\_\_ Approved \_\_\_\_\_ Request Approval

\_\_\_\_\_  
Name/Title \_\_\_\_\_ Date

\_\_\_\_\_  
Name/Title \_\_\_\_\_ Date  
\_\_\_\_ Approved \_\_\_\_\_ Request Approval

\_\_\_\_\_  
Name/Title \_\_\_\_\_ Date

\_\_\_\_\_  
Name/Title \_\_\_\_\_ Date  
\_\_\_\_ Approved \_\_\_\_\_ Request Approval

Christopher Rodriguez / Project Engineer 12/10/18  
Name/Title \_\_\_\_\_ Date  
Engineer's Seal

\_\_\_\_\_  
Name/Title \_\_\_\_\_ Date  
\_\_\_\_ Approved \_\_\_\_\_



**Construction Contract Change Order Number: \_\_\_\_\_4\_\_\_\_\_**

4. (Continued) Describe the change and the reason for the change order. When necessary include exceptions to this agreement.

N/A







## Texas Department of Transportation

600 W. EXPRESSWAY 83 | PHARR, TEXAS 78577 | (956) 702-6250 | WWW.TXDOT.GOV

November 26, 2018

Armando Garza Jr.  
Hidalgo County Precinct #2 Chief Administrator  
300 West Hall Acres Rd., Suite G  
Pharr, Texas 78577

Project: STP 1702(647) MM  
CSJ: 0921-02-300  
Hwy: 10<sup>th</sup> Street Extension  
From SH 107 to FM 1925  
County: Hidalgo

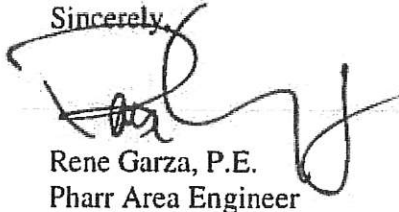
Re: Change Order #4

Dear Mr. Garza,

TxDOT is in concurrence with the 10<sup>th</sup> Street Extension Project change order listed above. As per the executed Advance Funding Agreement (AFA) for this project, the local government, Hidalgo County Precinct No.4, is responsible for the adjustment, removal, or relocation of utility facilities in this project. Also as per the AFA, any costs above the approved funding are the responsibility of the local government.

If you have any questions or comments concerning this matter, please feel free to contact Carlos Ceballos Jr. P.E, Project Manager at (956) 702-6354.

Sincerely,



Rene Garza, P.E.  
Pharr Area Engineer

CC: Jesus Noriega, P.E., District Construction Engineer  
Project File

Control:	C.17-218-01-16
Project:	10th Street Extension Project
Highway:	
County:	Hidalgo



PEDESTRIAN SIGNALS COUNTDOWN

Labor	Unit	Pieces	Quantity	Rate	Base Total	Ins & Taxes 40%	Overhead & Profit 15%	Total Cost
				\$	\$	\$	\$	\$
				\$	\$	\$	\$	\$
				\$	\$	\$	\$	\$

Equipment	Unit	Pieces	Quantity	Rate	Base Total	Taxes 10%	Total Cost
				\$	\$	\$	\$
				\$	\$	\$	\$
				\$	\$	\$	\$

Materials / Other	Unit	Unit	Quantity	Unit Price	Material Cost	Taxes 10%	Total Cost
				\$	\$	\$	\$
				\$	\$	\$	\$
				\$	\$	\$	\$

Subcontractor	Unit	Quantity	Unit Price	Material Cost	Overhead & Profit 5%	Total Cost
Austin Traffic Signal Company, Inc	EA	12	\$	6,120.00	\$	6,426.00
					\$	306.00
					\$	6,426.00

SubTotal	\$	6,426.00
Bond 1%	\$	64.26

Total	\$	6,490.26
EA	\$	540.86

Item 682-6018 Inspiration R unit cost \$55<sup>00</sup>

OK

**AUSTIN TRAFFIC SIGNAL CONSTRUCTION COMPANY, INC.**

Ph. (512) 255-9951  
Fax (512) 255-0146

P.O. Box 130  
Round Rock, Texas 78680

**PROPOSAL**

**October 2, 2018**

CONTROL : 0921-02-300  
PROJECT: 2017-218-09-27-HGO  
HIGHWAY: 10TH STREET  
COUNTY: HIDALGO

Item No.	Item-code	Desc. Code	Bid Item Description	Unit of Measure	Approx. Quantities	Unit Bid Price	Amount	Item Sequence No.
682		0	PED DESTRIAN SIGNALS COUNTDOWN	EA	12	\$510.00	\$6,120.00	1.00
<b>Total Bid Amount</b>							<b>\$6,120.00</b>	

**NOTES:**

- 1) PED SIGNALS LED COUNTDOWN PLAN LAYOUTS NOT ON BID ESTIMATE
- 2)

**CONTACT Steve Rutledge for any questions at 956-239-1615**

682 6003	VEH SIG SEC (12")LED(YEL)	EA	31.000	250.00000	246.000	224.13024	8
682 6004	VEH SIG SEC (12")LED(YEL ARW)	EA	9.000	250.00000	78.000	206.52000	5
682 6005	VEH SIG SEC (12")LED(RED)	EA	33.000	250.00000	220.000	222.88427	8
682 6006	VEH SIG SEC (12")LED(RED ARW)	EA			24.000	206.22667	3
682 6018	PED SIG SEC (LED) (COUNTDOWN)	EA	20.000	450.00000	128.000	534.30625	5
682 6023	BACK PLATE (12") (3 SEC)	EA	24.000	75.00000	148.000	74.19257	5
682 6024	BACK PLATE (12") (4 SEC)	EA	2.000	88.00000	26.000	79.01692	4
682 6025	BACK PLATE (12") (5 SEC)	EA	7.000	102.00000	28.000	98.14286	3
684 2010	TRF SIG CBL (TY A) (12 AWG) ( 5 CONDR)	LF			2,135.000	1.50000	1
684 2012	TRF SIG CBL (TY A) (12 AWG) ( 7 CONDR)	LF			245.000	2.00000	1
684 2080	TRF SIG CBL (TY C) (14 AWG) ( 2 CONDR)	LF			5,945.000	1.00000	1
684 6007	TRF SIG CBL (TY A) (12 AWG)(2 CONDR)	LF	3,883.000	1.90000	7,458.000	1.68429	2
684 6009	TRF SIG CBL (TY A) (12 AWG)(4 CONDR)	LF			3,140.000	1.55000	1
684 6010	TRF SIG CBL (TY A) (12 AWG)(5 CONDR)	LF	300.000	2.40000	13,281.000	2.00491	8
684 6012	TRF SIG CBL (TY A) (12 AWG)(7 CONDR)	LF	135.000	2.60000	16,519.000	2.26784	5
684 6080	TRF SIG CBL (TY C) (14 AWG)(2 CONDR)	LF			13,304.000	1.33137	3

682 6009	VEH SIG SEC (12")LED(RED U-TURN ARW)	EA				12.000	265.83333	4
682 6016	VEH SIG SEC (12")LED(HOUSING ONLY)	EA			192.000		149.70417	4
682 6017	PED SIG SEC (LED)(2 INDICATIONS)	EA	24.000	230.00000		203.000	363.83350	8
682 6018	PED SIG SEC (LED) (COUNTDOWN)	EA	194.000	445.41237		2,112.000	525.09537	105
682 6020	PED SIG SEC (HOUSING ONLY)	EA			39.000		250.02051	2
682 6021	BACK PLATE (12")(1 SEC)	EA			187.000		91.96556	18
682 6022	BACK PLATE (12")(2 SEC)	EA			10.000		50.67000	1
682 6023	BACK PLATE (12")(3 SEC)	EA	252.000	58.57143		2,432.000	80.08241	87
682 6024	BACK PLATE (12")(4 SEC)	EA	67.000	70.46269		548.000	97.92339	67
682 6025	BACK PLATE (12")(5 SEC)	EA	15.000	88.93333		124.000	98.36468	32
682 6029	BACK PLATE (12")(3 SEC)ALUM	EA			448.000		77.63605	11
682 6030	BACK PLATE (12")(4 SEC)ALUM	EA			79.000		67.47253	6
682 6031	BACK PLATE (12")(5 SEC)ALUM	EA			49.000		131.40816	6
682 6033	BACK PLATE (12")(1 SEC)(VENTED)ALUM	EA			88.000		84.40205	4
682 6034	BACK PLATE (12")(2 SEC)(VENTED)ALUM	EA			10.000		140.00000	1
682 6035	BACK PLATE (12")(3 SEC)(VENTED)ALUM	EA	43.000	123.72093		804.000	108.45695	26
682 6036	BACK PLATE (12")(4 SEC)	EA	1.000	105.00000		194.000	120.52381	19



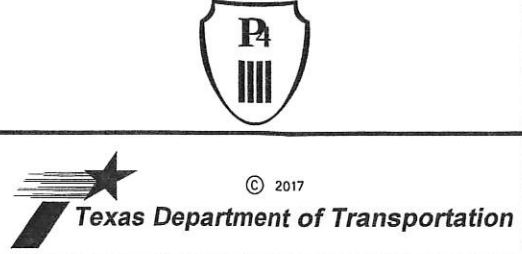
SUMMARY OF PLAN & PROFILE SHEETS, INTERSECTION DETAILS, AND OBLITERATE ROAD LAYOUTS

PLAN & PROFILE SHEET	104	104	104	104	104	104	106	354	464	467	467	496	496	496	529	529	531	531	531	531	552	552
	6009	6013	6017	6021	6022	6036	6002	6051	6003	6363	6359	6004	6005	6007	6030	6028	6004	6010	6013	6001	6009	9001
	REMOVING CONC (RIPRAP)	REMOVING CONC (FOUNDATIONS)	REMOVING CONC (DRIVEWAYS)	REMOVING CONC (CURB)	REMOVING CONC (CURB & GUTTER) (LF)	REMOVING CONC (SIDEWALK OR RAMP) (SY)	OBLITERATE ABANDONED ROAD	PLANE ASPH CONC PAV (0" TO 1" (SY)	RC PIPE (CL III) (18") (LF)	SET (TY (18") (6:1) (P) (EA)	SET (TY (18") (4:1) (P) (EA)	REMOV STR (SET) (EA)	REMOV STR (WINGWALL) (EA)	REMOV STR (PIPE) (LF)	CONC CURB & GUTTER (VALLEY (GUTTER) (LF)	CONC CURB & GUTTER (TY B) (MOUNT) (LF)	CURB RAMPS (TY 1) (EA)	CURB RAMPS (TY 7) (EA)	CURB RAMPS (TY 10) (EA)	CONC SIDEWALKS (4") (SY)	GATE (SPECIAL) (EA)	REMOVE & RELOCATE GATE (EA)
	(SY)	(SY)	(SY)	(LF)	(LF)	(SY)	(SY)	(SY)	(LF)	(EA)	(EA)	(EA)	(EA)	(LF)	(LF)	(EA)	(EA)	(EA)	(EA)	(SY)	(EA)	(EA)
	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.
10TH STREET P&P SHEET																						
1 OF 27			103									4		179		797		4			503	
2 OF 27			100												63	836			2		555	
3 OF 27													2	119	26	871			1		610	
4 OF 27															312	854			6		450	
5 OF 27															109	855			2		591	
6 OF 27	187															1064					620	
7 OF 27	333															1000		8			667	
8 OF 27	333															1000					666	
9 OF 27	47													518	80	760					503	4
10 OF 27																950						
11 OF 27														21	266	696			2		603	
12 OF 27																1000			4		484	
13 OF 27																1000					653	
14 OF 27																1000					666	
15 OF 27																1000					638	
16 OF 27																1000					666	
17 OF 27															226	836			2		558	
18 OF 27																912			2		606	
19 OF 27																1000					666	
20 OF 27			34											19		1000					574	2
21 OF 27														77		1000					552	
22 OF 27														52		750					572	
23 OF 27														102	234	638			4		458	
24 OF 27														98	84	820			2		585	
25 OF 27														78	84	916			2		595	
26 OF 27														70		936					627	
27 OF 27									168	2	1	3		53		1000					655	
GRAND TOTAL	900	219	237	433	3480	70	7077	335	544	10	1	9	2	1725	1573	25173	1	14	29	15603	2	4
INTERSECTIONS																						
SCHUNIOR																						
1 OF 2								67	72	4												
2 OF 2								67														
CHAPIN																						
1 OF 2								67								484						
2 OF 2								67	32			2		21		544						
ROGERS																						
1 OF 1								67	272					211								
OBLITERATE LAYOUT																						
1 OF 3				378	675	70	2151															
2 OF 3				55	736		1926															
3 OF 3		219			1242		3000									60						
GRAND TOTAL	900	219	237	433	3480	70	7077	335	544	10	1	9	2	1725	1573	25173	1	14	29	15603	2	4

PLAN & PROFILE SHEET	420	540	540	540	542	545
	6066	6001	6016	6018	6002	6001
	CL C CONC (RAIL FOUNDATION) (CY)	MTL W-BEAM GD FEN (TIM POST) (LF)	DOWNSTREAM ANCHOR TERMINAL SECTION (EA)	MTL BEAM GD FEN TRANS (NON-SYM) (EA)	REMOVE TERMINAL ANCHOR SECTION (EA)	CRASH CUSH ATTN (INSTL) (EA)
	EST.	EST.	EST.	EST.	EST.	EST.
10TH STREET P&P SHEET						
9 OF 27	6	25	2	2	4	2
GRAND TOTAL	6	25	2	2	4	2

ALTERNATIVE No.	668	668	668
	6077	6078	6085
	PREFAB PAV MRK TY C (W) (ARROW) (EA)	PREFAB PAV MRK TY C (W) (DBL ARROW) (EA)	PREFAB PAV MRK TY C (W) (WORD) (EA)
	EST.	EST.	EST.
10TH STREET ALTERNATIVE 3A	54	5	46
GRAND TOTAL	54	5	46

SHEET	110
	6002
	EXCAVATION (CHANNEL) (CY)
	EST.
10TH STREET EXCAVATION LAYOUT @ BRIDGE CULVERT 1 OF 2	6346
	226
GRAND TOTAL	6572



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Texas Department of Transportation

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**L & G Engineering**

Highway / Civil  
Structural / Bridge  
Environmental

2100 W. Expressway 83  
Mercedes, TX. 78570  
Phone : (956) 565-9813  
Fax : (956) 565-9018

900 S. Stewart Rd., Ste. 10  
Mission, TX. 78572  
Phone : (956) 585-1909  
Fax : (956) 585-1927

**10th STREET SUMMARY SHEET OF ESTIMATED QUANTITIES**

SHEET 6 OF 6

CHANGE ORDER NO.4  
REV ITEM 467-6363 FROM 20 TO 10 EA

CHANGE ORDER NO.3  
REV ITEM 104-6022 FROM 3406 TO 3480 LF  
ADD ITEM 529-6028 FROM 25027 TO 25173 LF

REVISED ADDENDUM NO. 1

DN:	FED. NO.	STATE	PROJECT NO.	SHEET NO.
CK DN:	6	TEXAS		24
DW:	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.
CK DW:	PHR	HIDALGO	D921	O2
TR:				JOB NO.
CK TR:				300
				10th ST

K:\Counties\HD\10TH-EXT.01 GENERAL\05 E&O\10TH ST-E&O.dgn

10/25/2018

**10TH STREET TRAFFIC SIGNAL QUANTITIES**

ITEM	DESCR CODE	DESCRIPTION	UNIT	TRAFFIC SIGNAL	TRAFFIC SIGNAL	FLASHING BEACON	FLASHING BEACON	TRAFFIC SIGNAL	TOTALS
				SH 107	SCHUNIOR	RUSSELL	ROGERS	FM 1925	
				①	②	③	④	⑤	
*0416	6030	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	22.8	22.8			5.7	51
0416	6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF		60.8	30.4	30.4	60.8	182
0618	6016	CONDT (PVC) (SCHD 40) (1")	LF	35	150			65	250
0618	6023	CONDT (PVC) (SCHD 40) (2")	LF	400	1260			1305	2965
0618	6024	CONDT (PVC) (SCHD 40) (2") BORE	LF					220	220
0618	6033	CONDT (PVC) (SCHD 40) (4")	LF		200	8	8	265	481
0618	6034	CONDT (PVC) (SCHD 40) (4")(BORE)	LF		215			55	270
0620	6007	ELEC CONDR (NO. 8) BARE	LF	105	525			400	1030
0620	6009	ELEC CONDR (NO. 6) BARE	LF		25			45	70
0620	6010	ELEC CONDR (NO. 6) INSULATED	LF		50			90	140
0621	6005	TRAY CABLE (4 CONDR) (12 AWG)	LF		860	255	240	635	1990
0624	6002	GROUND BOX TY A (122311) W/APRON	EA	3	10			24	37
0624	6008	GROUND BOX TY C (162911) W/APRON	EA		8			1	9
0625	6002	ZINC - COAT STL WIRE STRAND (3/16 IN)	LF		1030			620	1650
0625	6003	ZINC - COAT STL WIRE STRAND (3/8 IN)	LF			160	155		315
0625	6004	ZINC - COAT STL WIRE STRAND (5/16 IN)	LF		1545			781	2326
0628	6301	ELC SRV TY T 120/240 000 (NS)GS(L)TS(O)	EA		1	1	1	1	4
*0636		ALUMINIUM SIGNS (TYPE A) (STREET NAME)	SF		37.5			43	81
*0636		ALUMINIUM SIGNS (TYPE A) (REGULATORY)	SF	30	30			5	65
0680	2001	INSTALL HWY TRF SIG (FLASH BEACON)	EA						
0680	6001	INSTALL HWY TRF SIG (FLASH BEACON)	EA			1	1		2
0680	6002	INSTALL HWY TRF SIG (ISOLATED)	EA		1			1	2
0680	6011	INSTALL HWY TRF SIG (UPGRADE)	EA	1					1
0681	6001	TEMP TRAF SIGNALS	EA	1					1
0682	6001	VEH SIG SEC (12 IN) LED (GRN)	EA	4	8			7	19
0682	6002	VEH SIG SEC (12 IN) LED (GRN ARW)	EA	2	4			1	7
0682	6003	VEH SIG SEC (12 IN) LED (YEL)	EA	6	12	6	6	7	37
0682	6004	VEH SIG SEC (12 IN) LED (YEL ARW)	EA		4			1	5
0682	6006	VEH SIG SEC (12 IN) LED (RED ARROW)	EA						
0682	6005	VEH SIG SEC (12 IN) LED (RED)	EA	8	12	4	4	7	35
0682	6018	PED SIG SEC (LED) (COUNTDOWN)	EA		8			4	12
0682	6023	BACK PLATE (12 IN) (3 SEC)	EA	4	8			6	18
0682	6024	BACK PLATE (12 IN) (4 SEC)	EA	2	4			1	7
0684	6008	TRF SIG CBL (TY A)(12 AWG)(3 CONDR)	LF	785	1460			445	2690
0684	6010	TRF SIG CBL (TY A) (12 AWG) ( 5 CONDR)	LF	620	2175	155	140	1065	4155
0684	6012	TRF SIG CBL (TY A) (12 AWG) ( 7 CONDR)	LF	680	770			320	1770
*0684	6027	TRF SIG CBL (TY A)(14 AWG)(1 CONDR)	LF	1180	3930			2354	7464
0684	6080	TRF SIG CBL (TY C) (14 AWG) ( 2 CONDR)	LF	395	3300			2470	6165
0686	6020	INS TRF SIG PL AM(S) STR (TY D) LUM	EA		4	2	2	4	12
0687	6001	PED POLE ASSEMBLY	EA	4	4			1	9
0688	6001	ACCESSIBLE PEDESTRIAN SIGNAL UNITS	EA	8	8			4	20
0688	6004	VEH LP DETECT (SAWCUT)	LF	562	1875			1142	3579
0680	6004	REMOVING TRAFFIC SIGNALS	EA						
*		CONTROLLER, FLASHING BEACON	EA			1	1		2
*		CONTROLLER, FULL ACTUATED	EA		1			1	2
*		CONTROLLER FOUNDATION	EA		1	1	1	1	4
*		CONTROLLER CABINET	EA		1	1	1	1	4
*		CONTROLLER	EA						
*		LOOP AMPLIFIER (1 CHANNEL)	EA		12			7	19

\* QUANTITIES ARE SHOWN FOR CONTRACTOR'S INFORMATION ONLY. THESE ITEMS ARE SUBSIDIARY TO VARIOUS OTHER ITEMS.

REVISION NO.	DESCRIPTION	REVISION BY	DATE
Δ	UPDATED QUANTITIES TO SHOW PED SIGNAL HEADS	RLM	10/5/2018



THE CITY OF  
**EDINBURG**



**L & G Engineering**  
Highway / Civil  
Structural / Bridge  
Environmental  
Firm No. : F-4105

2100 W. Expressway 83  
Mercedes, TX. 78570  
Phone : (356) 565-9813  
Fax : (356) 565-9018

900 S. Stewart Rd., Ste. 10  
Mission, TX. 78572  
Phone : (356) 585-1909  
Fax : (356) 585-1927

**ETSI**  
Ergonomic Transportation Solutions, Inc.  
TEXAS REGISTERED ENGINEERING FIRM NO. F - 000625

5300 Hollister Road, Suite 220  
Houston, Texas 77040  
Tel. (713) 956-9601 Fax (713) 956-9667

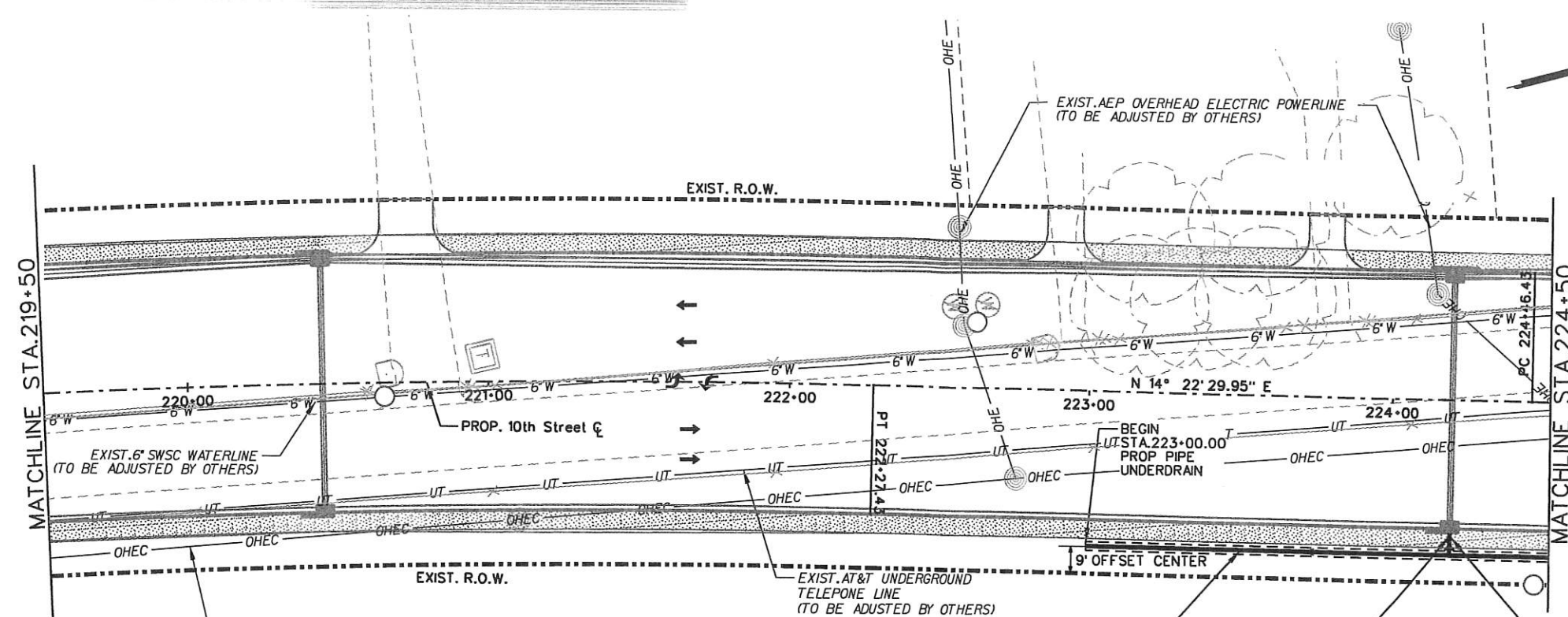
10TH STREET  
BASIS OF ESTIMATE

DRAW NO:	FED. RD. NO.	STATE	PROJECT NO.	HI HWY NO.
04	6	TEXAS		
ENGINEER:	STATE DIST. NO.	COUNTY	CONTROL NO.	SECT. NO.
OK:	PHR	HI DALGO	0921	02
REVIEW:				JOB NO.
OK:				300
				SHEET NO.

N:\CL\ENTS\B\10TH-STREET-#PSE-VETS-#WORK\04\ANTI.TI.E.S..dgn

10/5/2018

SHEET SUMMARY			
ITEM	DESCRIPTION	UNIT	QUANTITY
556	PIPE UNDERDRAIN (TY 6)(6")	LF	158



- LEGEND**
- ▣ SEE P&P SHEETS FOR DETAILS
  - ⊙ TO BE REMOVED UNDER ITEM 496. INCLUDES PAYMENT FOR REMOVAL OF ALL APPURTENANCES.
  - ★ TO BE REMOVED UNDER ITEM 110
  - DIRECTION OF STORM SEWER FLOW
  - ▨ LIMITS OF PROP. CUT & RESTORE (ITEM 400)
  - ▧ INST. OM ASSM (OM-22)(FLX) GND (BI)

**NOTES:**  
 SEE ALIGNMENT DATA SHEET FOR PROPOSED CENTERLINE DATA.  
 ALL RCP SHALL BE CL III(SPL) UNLESS OTHERWISE NOTED.  
 SEE HYD. DATA SHEETS FOR HYDRAULIC GRADE LINE (H.G.L.) ELEVATIONS  
 THE CONTRACTOR SHALL FIELD VERIFY AND CONFIRM THAT CONFLICTS WITH EXISTING UTILITIES HAVE BEEN RESOLVED IN ADVANCE OF CONSTRUCTION.  
 INLET OFFSETS ARE TO FACE OF ROADWAY CURB. MANHOLE OFFSETS ARE TO CENTER OF PRECAST BASE. VERIFY ALL INFORMATION WITH HYDRAULIC DATA SHEETS FOR INLET LOCATIONS, ELEVATIONS, PIPE LENGTHS, FLOWLINES, ETC.

**UTILITIES LEGEND**

AEP	AMERICAN ELECTRIC POWER
AT&T	AMERICAN TELEPHONE & TELEGRAPH
MVEC	MAGIC VALLEY ELECTRIC COOPERATIVE
SWSC	SHARYLAND WATER SUPPLY CORP.
TWC	TIME WARNER CABLE
HCID#1	HIDALGO COUNTY IRRIGATION DISTRICT No 1
CALPINE	NATURAL GAS COMPANY
STEC	SOUTH TEXAS ELECTRIC COOPERATIVE

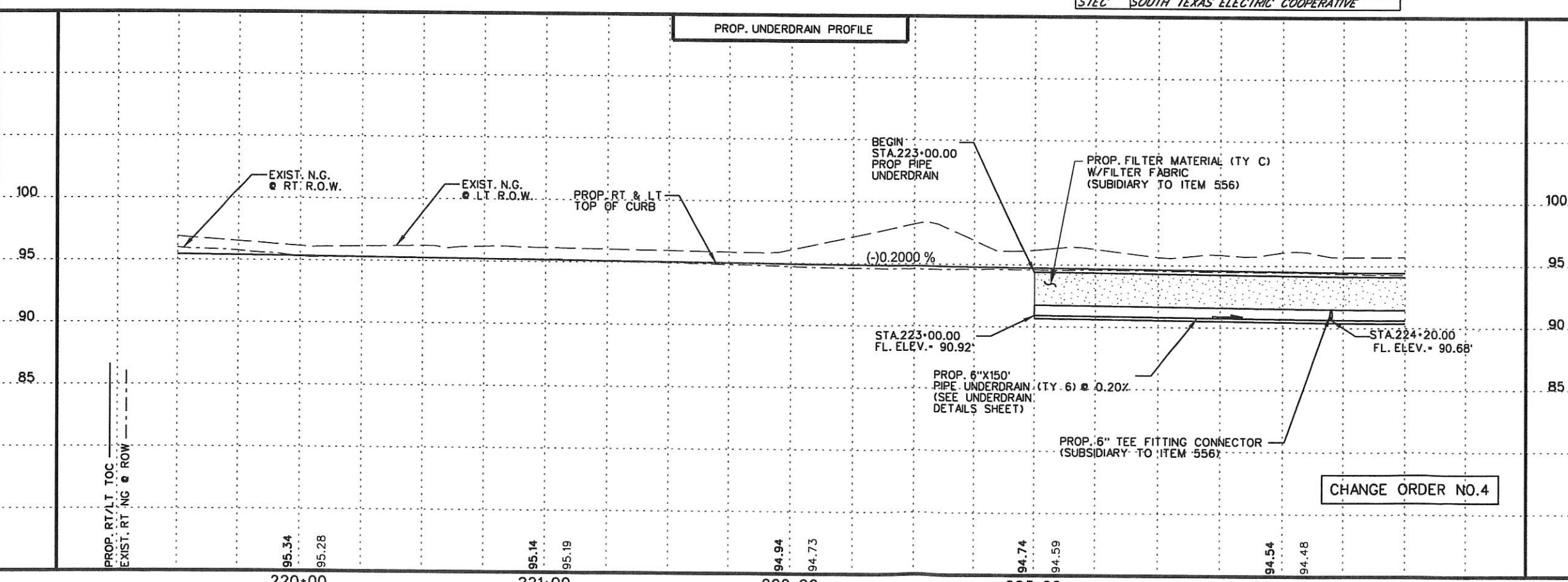


**L & G Engineering**  
 Highway / Civil  
 Structural / Bridge  
 Environmental  
 Firm No. : F-4105

2100 W. Expressway 83  
 Mercedes, TX. 78570  
 Phone : (956) 565-9813  
 Fax : (956) 565-9018

900 S. Stewart Rd., Ste. 10  
 Mission, TX. 78572  
 Phone : (956) 585-1909  
 Fax : (956) 585-1927

**10th STREET UNDERDRAIN**



CHANGE ORDER NO.4

SCALE:  
 HOR: 1" = 50'  
 VER: 1" = 10'

SHEET 1 OF 3

DRAWING	FED. NO.	STATE	PROJECT NO.	HIGHWAY NO.		
CK	6	TEXAS		10th ST		
ENGINEER	STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION	JOB NO.	SHEET NO.
CK	PHR	HIDALGO	0921	02	300	190
REVIEW						

11/16/2018 K:\Counties\HID\10TH-EXT\05 DRAINAGE\07 Under Drain\10th ST\_UnderDrain\_9.dgn

SHEET SUMMARY

ITEM	DESCRIPTION	UNIT	QUANTITY
556	PIPE UNDERDRAIN (TY 6) (6")	LF	158

LEGEND

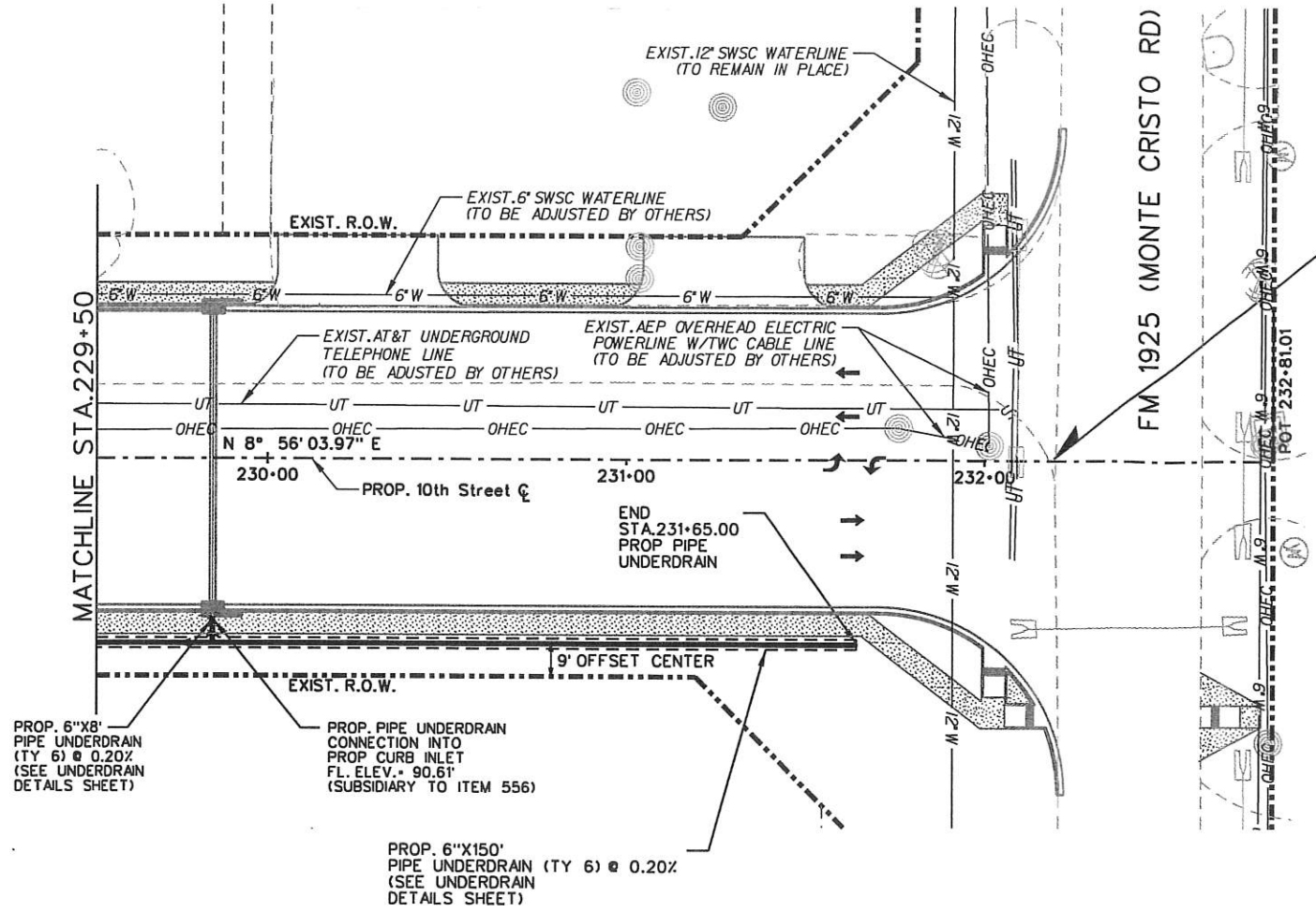
- SEE P&P SHEETS FOR DETAILS
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- DIRECTION OF STORM SEWER FLOW
- LIMITS OF PROP. CUT & RESTORE (ITEM 400)
- INST. OM ASSM (OM-22)(FLX) GND (BI)

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UTILITIES LEGEND

AEP	AMERICAN ELECTRIC POWER
AT&T	AMERICAN TELEPHONE & TELEGRAPH
MVEC	MAGIC VALLEY ELECTRIC COOPERATIVE
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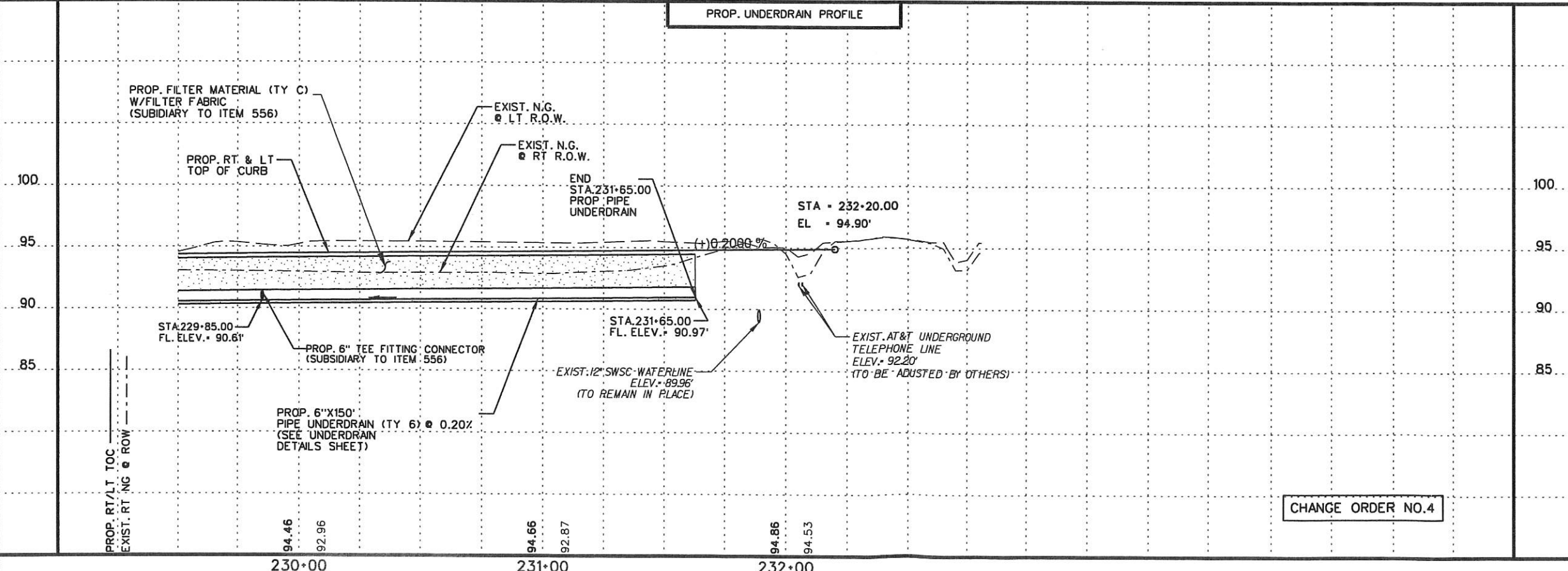
END PROJECT  
 10th STREET  
 CSJ 0921-02-300  
 STA. 232+17.00

PROP. 6"X8' PIPE UNDERDRAIN (TY 6) @ 0.20% (SEE UNDERDRAIN DETAILS SHEET)

PROP. PIPE UNDERDRAIN CONNECTION INTO PROP CURB INLET FL. ELEV. + 90.61' (SUBSIDIARY TO ITEM 556)

PROP. 6"X150' PIPE UNDERDRAIN (TY 6) @ 0.20% (SEE UNDERDRAIN DETAILS SHEET)

PROP. UNDERDRAIN PROFILE



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 Texas Department of Transportation

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10th STREET UNDERDRAIN

SCALE:  
 HOR: 1" = 50'  
 VER: 1" = 10'

CHANGE ORDER NO. 4

SHEET 3 OF 3

DRAWING	FED. RD. DIST. NO.	STATE	PROJECT NO.	HIGHWAY NO.
CR	6	TEXAS	0921-02-300	10th ST

STATE DIST. NO.	COUNTY	CONTROL NO.	SECTION NO.	JOB NO.	SHEET NO.
PHR	HIDALGO	0921	02	300	192

K:\Counties\HID\10TH-EXT\05 DRAINAGE\07 Under Drain\10th ST\_UnderDrain\_11.dgn 11/16/2018