

Change Order #7 Dicker Road

Owner: Hidalgo County Precinct #2

To: Earthworks Enterprise, LLC
PO Box 595
Penitas, Texas 78576

From: B2Z Engineering

Project: Dicker Road
Project #: STP 1902 (383) MM
Contract: C-19-017-11-05
CSJ: 0921-02-312
Limits: Spur 115 (23rd Street) to FM 2061 (Jackson Road)

Change Order #7 has been approved to make the following contract changes:

Description:

Change Order #7 includes eight items that consist of work requested by the County, revised plan sheets, existing quantity modifications, new items for payment and plan quantity error corrections. These items include:

- Relocating the proposed signal pole placement at 23rd Street (Sta 10+17).
- Adding two new well gates that were not included with the well structure replacement at Sta 132+40.
- Adding 17ft of 6'x5' Reinforced Concrete Box (RCB) for plan quantity error between Sta 47+50 to 72+70.
- Introducing the third and final traffic control change to close Dicker Road between 10th Street and McColl Road while detouring traffic around the construction.
- Replacing the existing pedestrian elements at the McColl intersection (eight new push buttons and one pedestrian controller).
- Replacing 18 pedestrian two-way indicators (Walk/Don't Walk) with the current standards (18 Countdown) indicators.
- Increasing the riprap quantities due to a plan error.
- Negotiating asphalt millings to the contractor to offset shortfalls due to another large cost saving change order.

Below is a detailed explanation for each item included in this change order.

1) *Relocate One Traffic Signal Pole at 23rd Street (Sta 10+17)*

At 23rd Street, the Dicker Road expansion allows for the intersection widening and signal pole adjustments. One median pole was not included in the adjustment and the City of McAllen has requested it be placed perpendicular to traffic. The change requires an additional drill shaft, a new item to relocate the pole, and additional wiring to lengthen the span. The new item identified, "Rem and Relocate Strain Pole" is unique, but the price for the work is reasonable and acceptable as submitted. The existing item 625-6002 Zinc Coated

Wire 3/16" was modified to introduce the correct bid item 625-6003 Zinc Coated Wire 3/8". The contractor notified us of the error and installed the 3/8" wire for the same price. TEDSI, the engineer of record modified plan sheets and provided the quantity differences for payment. Included are modified plan sheets 232a and 233a, the new items and price justification and details for contractor mark ups.

2) ***Add 15" and 24" Well Gates (Sta 132+47)***

The plans allow for the removal and replacement of an existing 48" well that has two well gates inside of it. The plans showed to remove and replace both well and gates but did not include an item or quantities for a 15" and 24" well gate. This change order adds the two new gates to the estimate for payment, and the prices are reasonable when compared with the TxDOT list of average bid prices for the same or similar items. See attached comparison. Included are plan sheet 171a, and the two new items and price justifications.

3) ***Add 6'x5' Reinforced Concrete Box, Plan Quantity Error (Sta 47+50 to 72+70)***

The project includes 6'x5' RCB storm sewer system. Each 6'x5' RCB run falls between an eight-foot manhole or a five-foot inlet, and the plans use the eight feet for each inlet. The errors were identified by the contractor, the plans were adjusted and another 17 feet of 6'x5' RCB needs to be added to plan quantity for payment. The attached spreadsheet shows the differences between each run, and the additional footage. Included are modified plan sheets 14a, 155a, 156a, 157a and a 6'x5' RCB spreadsheet showing the footage and plan error.

4) ***Traffic Control Plan Changes, Detour traffic around the Dicker Road Construction (Sta 59+00 to Sta 141+00)***

Close Dicker Road between 10th Street and McColl Road to detour traffic around construction. The current detours at 23rd Street and 10th Street (Change Order #1) and McColl Road and Jackson Road (Change Order #5) are working well to expedite construction and to lower the construction cost for the County. Both plans closed off long segments of Dicker Road to reconstruct it at full width from end to end, while detouring traffic around the construction. The detours are well planned and because of the COVID-19 pandemic, the local traffic is still at a minimal. The detours provide a safe mobility of traffic around the construction, while also providing for a safe construction plan for our contractor and subcontractors to work. Since the two previous detours were very successful, Earthworks again requested to close off the third and final segment of Dicker Road to expedite the construction and introduce another large cost savings for the County. The Detour Traffic (9001-001) item that was introduced in Change Order #1 will be used to pay the contractor for the additional signing, traffic control, and message boards. This plan does not modify the pavement structure but allows for a seamless construction without traffic or phasing. The detour quantities to phase traffic have been reduced and plan sheets have been modified to reflect a full road closure.

The original plans included ten crash cushions; six temporary crash cushions to be used during phased construction and four crash cushions for permanent installation on the project. The six cushions would become County inventory after the road is complete, as originally planned. Change Order #1 removed two crash cushions and the remainder were placed on material on hand. The traffic control modifications in this change order will save the County over ½ a million dollars and the material cost for four crash cushions is only \$49,613.40. Earthworks agrees with CO#7 to detour traffic and remove the four crash cushions. However, they cannot keep the 4 crash cushions because their supplier will not honor a restocking fee.

The County saw an excellent valued engineering opportunity and agreed to pay the contractor for the four crash cushions at material price. A new item 9007-002 will introduce the four crash cushions for the County's inventory. Included are modified plans sheets 11a, 11ab, 13a, 20a, 27a, 29a, 32c, 33a, 36a, 37a, 38a, 39a, 42a, 43a, 44a, 45a, 48a, 49a, 50a, 51a and 65a.

5) ***Replace Existing Pedestrian Elements at McColl Intersection - Compatibility Issues (Sta 141+00)***

At the McColl Road Intersection, the Dicker Road widening allowed to reuse the six existing and two new audible pedestrian elements on the existing pedestrian controller. The new audible push buttons do not work well with the old controller and it was recommended to replace the old elements with; eight new audible push buttons and one new pedestrian controller to manage the final intersection. The request to use all new items because of compatibility issues is reasonable. Pricing will remain the same. Included are modified plans sheet 239a and the RFI approval.

6) ***Replace 18 Pedestrian Two-Way Indicators for Countdown Indicators***

The plans show to use the correct pedestrian countdown indicator heads but introduced the wrong bid item code. The plans included wrong item number for 18 two-way indicator pedestrian heads that show Walk-Don't Walk. They will be removed from the estimate and replaced with the correct item for the Countdown indicator pedestrian heads. The countdown indicator heads are introduced in this change order at the same price. Included is the modified plan sheet 11ab.

7) ***Adjust 4" and 5" Riprap Quantities, Plan Quantity Error***

The Dicker Road plan sheets 165 and 166 show the correct quantities for the 5" riprap, but these quantities were not included for payment on the summary sheet. This change order adds another 127.8cy of 5" riprap for this error. The 5" riprap quantities on plan sheets 193 and 200 were both increased to 60cy to match field conditions. At Culvert #1 (Sta 26+92), 4" riprap was used in place of 5" riprap. Culvert #1 removed 3cy of 5" riprap and replaced with 17cy of 4" riprap. Included are the modified plan sheets 11a, 14a, 164a, 193a, and 200a.

8) ***Item 305 – Salvage, Haul, Stockpile Reclaimed Asphalt Pavement***

This change order introduced another large cost savings for the County but subsequently introduced a negative impact to the Contractor's work schedule and anticipated construction profits. The Contractor's protests are not unreasonable, and both the County and Contractor mutually agreed to negotiate a small amount of asphalt millings to the contractor, (24,039.77sy) to offset shortfalls.

Purpose:

The Hidalgo County Precinct No. 2 Office identified a few errors that require adding new items to the contract and modifying plan sheets for payment. The work described herein this change order is active and awaiting approval to incorporate all the changes into our plans. Some of this work has been completed and the contractor is waiting payment after CO approval.

Change Order #7 has been reviewed and signed by the Contractor and AE.

The County is familiar with Change Order #7 and agrees to incorporate all the changes listed herein. Most of these changes were identified during construction, but do not impact the construction

progress at this time, except for payment. The changes do not impact the original environmental assessment, do not impact TDLR elements, do not impact wetlands, and do not impact waters of the US, archeological, historical or social issues; endangered species or any other regulated areas within the project. This change order does not cause a disturbance that would require modification to the Construction Site Notice (CSN) or Notice of Intent (NOI).

B2Z has reviewed the change order with Hidalgo County Precinct No. 2 and has explained the breakdown of items and amounts according to the governing Specification 1L-9L. See TxDOT Change Order Form 2146-L used to describe bid item changes and cost changes. Revised plan sheets include 11a, 11ab, 13a, 14a, 20a, 27a, 29a, 32c, 33a, 36a, 37a, 38a, 39a, 42a, 43a, 44a, 45a, 48a, 49a, 50a, 51a, 65a, 155a, 156a, 157a, 164a, 171a, 193a, 200a, 232a, 233a, and 239a.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price <u>\$16,519,063.02</u>	Original Contract Time <u>460 working Days</u>
Previous Change Orders <u>-\$427,200.73</u>	Previous Change Orders <u>0 Working Days</u>

Contract Price prior to this Change Order <u>\$16,091,862.29</u>	Contract Time prior to this Change Order <u>460 Working Days</u>
Net increase/decrease of the Change Order <u>-\$407,003.83</u>	Net increase/decrease of the Change Order <u>0 Working Days</u>
Contract Price with all approved Change Orders <u>\$15,684,858.46</u>	Contract Time with all approved Change Orders <u>460 Working Days</u>

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER: 7

1. CONTRACTOR: Earthworks Enterprise, LLC
2. Change Order Work Limits: Sta. 10+17 to Sta. 132+43
3. Type of Change (on federal-aid non-exempt projects): Minor (Major/Minor)
4. Describe the change and the reason for the change order. When necessary, include exceptions to this agreement.

1) Adjust the median signal pole perpendicular to traffic at 23rd. Add drill shaft, add wiring, add one new item "Relocate existing pole 2) Conc Boxes (6'x5') - Add 17ft due to plan error. 3) Add 2 well gates to the proposed well structure at Sta 132+41 (Lt). 4) Detour-Close Dicker Rd between 10th & McColl Rd. 5) Change the 23rd st ped signals to countdown & the McColl push button to audible. Introduce new controller. 6) Add 5" riprap quantities due to plan error and adj the 4" quantity.

CCSJ: 0921-02-312

Project: STP 1902(383)MM

Highway: Dicker Road

County: Hidalgo

District: Pharr

Contract Number: C-19-017-11-05

5. New or revised plan sheet(s) are attached and numbered: 11a, 11ab, 13a, 14a, 20a, 27a, 29a, 32c, 33a, 36a, Etc

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. Exceptions should be noted in the response for #5 above.</p>	<p>The following information must be provided</p> <p>Time Ext. #: <u>0</u> Days added on this C.O.: <u>0</u></p> <p>Amt. added by this change order: <u>-\$407,003.83</u></p>
<p>THE CONTRACTOR Date <u>12/15/2020</u></p> <p>By <u>[Signature]</u></p> <p>Typed/Printed Name <u>Humberto Garcia Jr.</u></p> <p>Typed/Printed Title <u>Member</u></p>	<p>For TxDOT use only:</p> <p>Days participating: _____</p> <p>Amount participating: _____</p> <p>Signature _____ Date _____</p> <p>Name/Title _____</p>

RECOMMENDED FOR EXECUTION:

[Signature] 12/16/2020
Name/Title _____ Date _____

Name/Title _____ Date _____
 APPROVED REQUEST APPROVAL

Name/Title _____ Date _____

Name/Title _____ Date _____
 APPROVED REQUEST APPROVAL

Name/Title _____ Date _____

Name/Title _____ Date _____
 APPROVED REQUEST APPROVAL

Name/Title _____ Date _____

Name/Title _____ Date _____
 APPROVED

Engineer's Seal:



CONSTRUCTION CONTRACT CHANGE ORDER NUMBER: 7

TABLE B: Contract Items (Continued)

CCSJ: 0921-02-312

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		NEW		OVERRUN/ UNDERRUN
				QUANTITY	ITEM COST	QUANTITY	ITEM COST	
✓ 5126057	PORT CTB (REMOVE)(LOW PROF)(TY)	LF ✓	16.85	2,400.00	40,440.00	1,120.00	18,872.00	- 21,568.00
✓ 5126058	PORT CTB(REMOVE)(LOW PROF)(TY)	LF ✓	16.85	160.00	2,696.00	40.00	674.00	- 2,022.00
✓ 5456001	CRASH CUSH ATTEN (INSTL) ✓	EA ✓	15,069.38	8.00	120,555.04	4.00	60,277.52	- 60,277.52
✓ 5456003	CRASH CUSH ATTEN (MOVE AND R	EA ✓	1,625.91	2.00	3,251.82	0.00	0.00	- 3,251.82
✓ 5456005	CRASH CUSH ATTEN (REMOVE) ✓	EA ✓	974.41	8.00	7,795.28	4.00	3,897.64	- 3,897.64
✓ 6626004	WK ZN PAV MRK NON-REMOV (W)4	LF ✓	0.35	27,806.00	9,732.10	0.00	0.00	- 9,732.10
✓ 6626034	WK ZN PAV MRK NON-REMOV (Y)4"	LF ✓	0.35	32,364.00	11,327.40	0.00	0.00	- 11,327.40
✓ 6626060	WK ZN PAV MRK NON-REMOV (W)4	LF ✓	0.71	50.00	35.50	0.00	0.00	- 35.50
✓ 6626063	WK ZN PAV MRK REMOV (W)4"(SLD)	LF ✓	0.71	1,100.00	781.00	0.00	0.00	- 781.00
✓ 6626075	WK ZN PAV MRK REMOV (W)24"(SL	LF ✓	9.68	157.00	1,519.76	0.00	0.00	- 1,519.76
✓ 6626095	WK ZN PAV MRK REMOV (Y)4"(SLD)	LF ✓	0.71	3,286.00	2,333.06	0.00	0.00	- 2,333.06
✓ 6726009	REFL PAV MRKR TY II-A-A ✓	EA ✓	3.19	1,805.00	5,757.95	907.00	2,893.33	- 2,864.62
✓ 6776001	ELIM EXT PAV MRK & MARKS (4") ✓	LF ✓	0.66	22,276.00	14,702.16	2,802.00	1,849.32	- 12,852.84
✓ 6776003	ELIM EXT PAV MRK & MARKS (8") ✓	LF ✓	1.32	688.00	908.16	300.00	396.00	- 512.16
✓ 6776005	ELIM EXT PAV MRK & MARKS (12") ✓	LF ✓	2.64	236.00	623.04	128.00	337.92	- 285.12
✓ 6776007	ELIM EXT PAV MRK & MARKS (24") ✓	LF ✓	4.62	1,237.00	5,714.94	78.00	360.36	- 5,354.58
✓ 6776008	ELIM EXT PAV MRK & MARKS (ARRO	EA ✓	43.98	17.00	747.66	5.00	219.90	- 527.76
✓ 6776012	ELIM EXT PAV MRK & MARKS (WOR	EA ✓	43.98	7.00	307.86	3.00	131.94	- 175.92
✓ 9001001	DETOUR TRAFFIC ✓	EA ✓	5,000.00	1.00	5,000.00	2.00	10,000.00	5,000.00
- 9007002	CRASH CUSH ATTEN(MATRL ONLY)	EA	12,403.35	0.00	0.00	4.00	49,613.40	49,613.40
✓ 6826017	PED SIG SEC(LED)(2 INDICATIONS)	EA ✓	631.31	18.00	11,363.58	0.00	0.00	- 11,363.58
- 6826018	PED SIG SEC LED (COUNTDOWN)	EA	631.31	0.00	0.00	18.00	11,363.58	11,363.58
✓ 6886001	PED DETECT PUSH BUTTON(APS) ✓	EA ✓	841.75	18.00	15,151.50	26.00	21,885.50	6,734.00
✓ 6886003	PED DETECTOR CONTROLLER UNIT	EA ✓	3,727.75	3.00	11,183.25	4.00	14,911.00	3,727.75
✓ 4326001	RIPRAP(CONC)(4 IN) ✓	CY ✓	440.00	993.00	436,920.00	1,010.00	444,400.00	7,480.00
✓ 4326002	RIPRAP(CONC)(5 IN)	CY ✓	440.00	186.00	81,840.00	433.80	190,872.00	109,032.00
The "Totals" from Table B of the previous work sheet:					1,730,233.31	1,280,961.14	- 449,272.17	
TOTALS					2,520,920.37	2,113,916.54	- 407,003.83	

Subtotal 42,1168.35

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER: 7 _____

Estimated Cost:

CCS: 0921-02-312

Paid by Invoice? (Yes No)

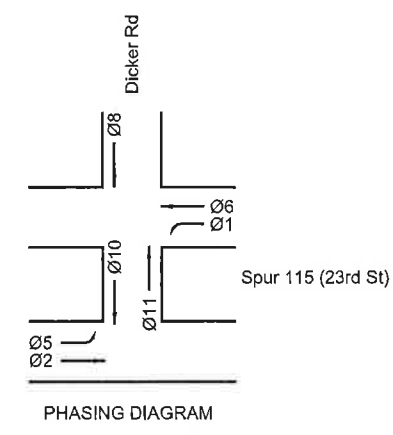
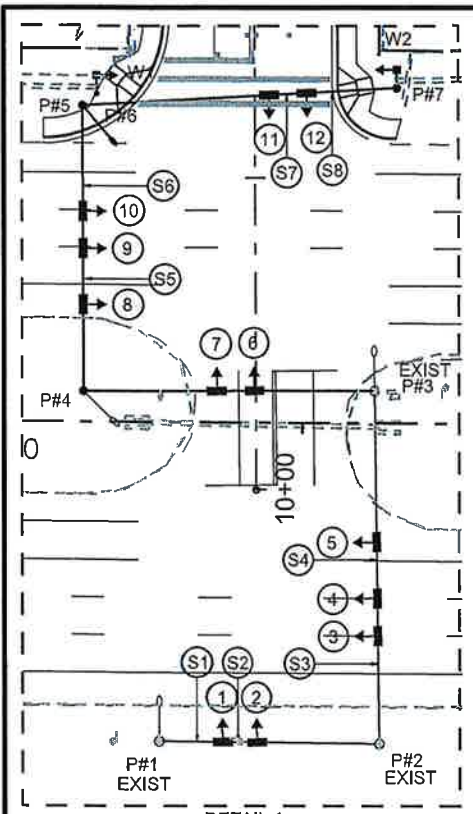
TABLE A: Force Account Work and Materials Placed into Stock

LABOR	HOURLY RATE	EQUIPMENT	HOURLY RATE

TABLE B: Contract Items

ITEM	DESCRIPTION	UNIT	UNIT PRICE	ORIGINAL + PREVIOUSLY REVISED		NEW		OVERRUN/ UNDERRUN
				QUANTITY	ITEM COST	QUANTITY	ITEM COST	
416-6032	DRILL SHAFT(TRF SIG POLE)(36IN)	LF	400.00	98.00	39,200.00	113.00	45,200.00	6,000.00
618-6023	CONDT(PVC)(SCH 40)(2")	LF	9.62	4,965.00	47,763.30	4,990.00	48,003.80	240.50
621-6005	TRAY CABLE(4 CONDR)(12AWG)	LF	2.77	1,900.00	5,263.00	1,920.00	5,318.40	55.40
624-6002	GROUND BOX TY A(122311)W/APR	EA	1,022.13	52.00	53,150.76	53.00	54,172.89	1,022.13
625-6002	ZINC-COAT STL WIRE STRAND (3/16)	LF	3.01	3,012.00	9,066.12	0.00	0.00	- 9,066.12
625-6003	ZINC-COAT STL WIRE STRAND (3/8)	LF	3.01	0.00	0.00	3,222.00	9,698.22	9,698.22
684-6010	TRF SIG CBL(TYA)(12AWG)(5 COND	LF	2.65	7,955.00	21,080.75	8,035.00	21,292.75	212.00
684-6080	TRF SIG CBL(TYC)(14AWG)(2 COND	LF	2.16	14,364.00	31,026.24	14,340.00	30,974.40	- 51.84
9007-001	REM AND RELOC STRAIN POLE	EA	1,140.04	0.00	0.00	1.00	1,140.04	1,140.04
1007-6013	IRRIGATION GATE (15")	EA	3,144.38	0.00	0.00	1.00	3,144.38	3,144.38
1007-6006	IRRIGATION GATE (24")	EA	4,003.39	0.00	0.00	1.00	4,003.39	4,003.39
462-6012	CONC BOX CULV(6 FT X 5 FT)	LF	395.95	2,452.00	970,869.40	2,469.00	977,600.55	6,731.15
400-6005	CEM STABIL BKFL	CY	50.50	720.60	36,390.30	790.43	39,916.71	3,526.41
508-6001	CONSTRUCTION DETOURS	SY	38.34	6,661.00	255,382.74	0.00	0.00	- 255,382.74
512-6001	PORT CTB (FUR & INST)(SGL SLOPE)	LF	34.91	2,760.00	96,351.60	0.00	0.00	- 96,351.60
512-6009	PORT CTB (FUR & INST)(LOW PROF)	LF	34.91	2,400.00	83,784.00	1,120.00	39,099.20	- 44,684.80
512-6010	PORT CTB (FUR & INST)(LOW PROF)	LF	34.91	160.00	5,585.60	40.00	1,396.40	- 4,189.20
512-6025	PORT CTB (MOVE)(SGL SLP)(TY 1)	LF	16.85	1,710.00	28,813.50	0.00	0.00	- 28,813.50
512-6049	PORT CTB (REMOVE)(SGL SLP)(TY 1)	LF	16.85	2,760.00	46,506.00	0.00	0.00	- 46,506.00
TOTALS					1,730,233.31		1,280,961.14	- 449,272.17

***1) Relocate One Traffic Signal Pole at 23rd Street
(Sta 10+17)***



NOTE:
LUMINAIRE ARMS SHALL BE AIMED PERPENDICULAR
TO THE CENTERLINE OF SPUR115

- LEGEND**
- PROPOSED STRAIN POLE
 - EXISTING STRAIN POLE TO REMAIN
 - PROPOSED PEDESTRIAN POLE
 - PROPOSED SPAN WIRE
 - EXISTING SPAN WIRE TO REMAIN
 - ⊥ PROPOSED HORIZONTAL SIGNAL HEAD
 - ⊥ PROPOSED PEDESTRIAN SIGNAL HEAD W/ACCESSIBLE PEDESTRIAN SIGNAL UNIT
 - ▣ PROPOSED GROUND MOUNTED CONTROLLER CABINET
 - ⊙ PROPOSED POLE MOUNTED ELECTRICAL SERVICE W/METER
 - PROPOSED GROUND BOX (TYPE A) W/APRON
 - ▣ PROPOSED GROUND BOX (TYPE D) W/APRON
 - EXISTING GROUND BOX TO REMAIN
 - ▭ PROPOSED LOOP DETECTOR
 - - - PROPOSED CONDUIT (TRENCH)
 - - - EXISTING CONDUIT TO REMAIN
 - PROPOSED LUMINAIRE
 - EXISTING LUMINAIRE TO REMAIN
 - WIRE RUN DESIGNATION
 - DIRECTION OF TRAFFIC FLOW

CO #7 - Change Order #7
Realign the North Median Signal Pole perpendicular to traffic on 23rd Street.



CHANGE ORDER # 7

NO.	DATE	REVISION	BY
1	6/26/20	REALIGNMENT OF SPAN OVER SPUR 115 (23RD ST) NB APPROACH	ERD

DATE: 6/26/2020
 FILE: P:\2012\2012-1118-03 Dicker Road WA3\Design\CS\Traffic\Traffic Signals\Dicker-Signals.dgn
 12:33:58 PM

Eric Dietrich
 94970
 LICENSED PROFESSIONAL ENGINEER

6/26/2020

The County of Hidalgo
 Pct 2

© 2017
 Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78372
 (936) 424-7898

1 DICKER ROAD
 PROPOSED SIGNAL LAYOUT
 DICKER RD AT SPUR 115 (23RD ST)

SCALE 1" = 60'

FED. RD. NO.	CONTRACT	SECTION	JOB	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST.	COUNTY	PCT.	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO

SHEET NO. 232a

ELECTRICAL SCHEDULE

ITEM	TOTAL QTY	RUN NUMBER	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	AA	BB	CC	DD	EE	
POWER	* 70	1/C - #6 INSULATED	24	12	115	137	36	35	5	50	20	12	40	35	12	18	49	39	12	42	28	19	13	36	29	13	55	25	25	25	25	
LUMINAIRE	* 530	4/C - #12 TRAY CBL									1	1	1	1	1	1	1	1	1	1	1	1	1	1								
ILSN		4/C - #12 TRAY CBL																														
GROUND	* 35	1/C - #6 BARE																														
	75	1/C - #8 BARE																									1	2				
PEDESTRIAN HEADS		2/C - #12																														
	* 192	4/C - #12																														
	* 192	5/C - #12																								1	1	1	1	1		
SIGNAL HEADS	* 1511	5/C - #12									1	1	1	2	2	3	3	4	4	4	4	5	6	6		1	1			7		
		7/C - #12																														
VIVDS		COAXIAL CBL																														
		3/C - #18																														
LOOPS	96	1/C - #14 LOOP WIRE	2	4																												
	1879	2/C - #14 SHIELDED			1	1	2	2	(3)	(3)								3	3	3	6	6	6	6					6		3	
ANTENNA		COAXIAL CBL																														
SURVEILLANCE CAMERA		ETHERNET CBL																														
		POWER CBL																														
CONDUIT	36	1" PVC	1	1																												
	398	2" PVC			1	1	1	1																								
		2" PVC BORE																														
	50	4" PVC																														
		4" PVC BORE																														

*INCLUDES QUANTITY ON SIGNAL POLE AND/OR PEDESTRIAN POLE AND/OR LUMINAIRE ARM. ○ DENOTES PROPOSED CONDUCTORS IN EXISTING CONDUIT.

LOOP DETECTOR SCHEDULE

LOOP	SIZE	SAW CUT	WIRE LENGTH	AMP NO.	SETTING
L-8(2)	6X40	230	460	8	PRESENCE
L-8A	6X20	70	140	12	PRESENCE
L-8B	6X20	70	140	12	PRESENCE
TOTAL		370'	740'		



18"x16"



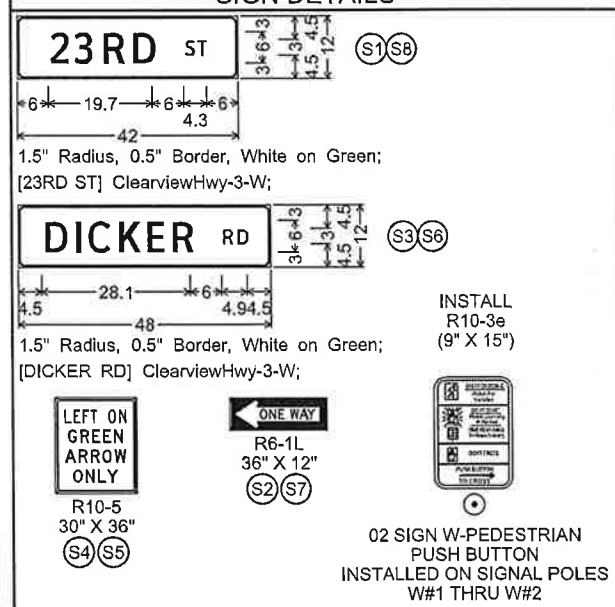
LED PEDESTRIAN SIGNALS
W/COUNTDOWN
W#1 THRU W#2

NOTE: BACK PLATES SHALL BE INSTALLED FOR SIGNAL HEADS
SIGNAL/PEDESTRIAN HEAD LENSES SHALL BE LED. (1,2,6,7,11,12)

TRAFFIC SIGNAL POLE SCHEDULE

POLE NO.	SIGNAL POLE DESIGNATION	FOUNDATION TYPE/DEPTH
1	EXISTING POLE W/LUM TO REMAIN IN PLACE	N/A
2	EXISTING POLE TO REMAIN IN PLACE	N/A
3	EXISTING POLE W/LUM TO REMAIN IN PLACE	N/A
4	EXISTING POLE W/LUM TO BE RELOCATED	36"-B / 15'
5	SPL 34-D-100	36"-B / 15'
6	PEDESTAL POLE	24"-A / 6'
7	SP 34-D-100	36"-B / 15'

SIGN DETAILS



CHANGE ORDER QUANTITIES

ITEM CODE	DESCRIPTION	UNIT	TOTAL
0416-6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	+15
0618-6023	CONDT (PVC) (SCH 40) (2")	LF	+25
0621-6005	TRAY CABLE (4 CONDR) (12 AWG)	LF	+20
0624-6002	GROUND BOX TY A (122311)W/APRON	EA	+1
0625-6003	ZINC-COAT STL WIRE STRAND (3/8")	LF	+210
0684-6010	TRF SIG CBL (TY A)(12 AWG)(5 CONDR)	LF	+80
0684-6080	TRF SIG CBL (TY C)(14 AWG)(2 CONDR)	LF	-24

CO #7 - Change Order #7
Realign the North Median Signal Pole perpendicular to traffic on 23rd Street.

The County of Hidalgo
Pct 2

Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(956) 424-7898

DICKER ROAD
PROPOSED SIGNAL LAYOUT
DICKER RD AT SPUR 115 (23RD ST)

CHANGE ORDER # 7

NO.	DATE	REVISION	BY
1	6/26/20	REALIGNMENT OF SPAN OVER SPUR 115 (23RD ST) NB APPROACH	ERD

ERIC DIETRICH
94970
LICENSED PROFESSIONAL ENGINEER

NAME: _____ DATE: 6/26/2020

SHEET 2 OF 2

FED. RD. DIV. NO.	CONT.	SECT.	JOB	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	233a

CHANGE ORDER SUBMITTAL

PROJECT	DICKER RD RECONSTRUCTION PROJECT	CSJ	0921-02-312
COUNTY	HIDALGO COUNTY	HWY	
CHANGE ORDER	7	DATED	11/9/2020

CHANGE ORDER DESCRIPTION RELOCATION OF TRAFFIC SIGNAL POLE

A) LABOR	\$	+ 25% COMPENSATION	\$	
		+55 % PREMIUM	\$	
		TOTAL LABOR		\$
B) MATERIAL	\$	+ 25% COMPENSATION	\$	
		TOTAL MATERIAL		\$
C) EQUIPMENT	\$	+15% COMPENSATION	\$	
		TOTAL EQUIPMENT		\$
D) SUB	\$ 1,075.00	5% COMPENSATION	\$ 53.75	
		TOTAL MOB		\$ 1,128.75
		SUBTOTAL		\$ 1,128.75
E) BOND	1% \$ 11.29			\$ 1,140.04
F) TOTAL				\$ 1,140.04

ADMINISTRATIVE COST 5% Of total extra work by sub

The Prime contractor may be paid for this cost when extra work, ordered by the engineer, is performed by a subcontractor or a collection of subcontractor. This cost will be calculated as a percentage of the SUB WORK above, in accordance with the Special Provision in the contract

TOTAL PAYMENT	\$ 1,140.04
LESS PREVIOUS PAY	\$ -
PAY THIS PERIOD	\$ 1,140.04

I hereby certify that the above is a true and correct statement of the amounts payable to 2GS, LLC DBA EARTHWORKS ENTERPRISE, which are just charges as contingency expenditures incurred on this project



 Humberto Garcia, Jr. Member

11/9/20

 Date

Control	0921-02-312
Project:	DICKER RD RECONSTRUCTION PROJECT
Highway:	HIDALGO COUNTY
County:	

DATE		RELOCATION OF TRAFFIC POLE
10/9/20		

Labor	Unit	Pieces	Quantity	Rate	Base Total	Ins & Taxes	Markup	Total Cost
						55%	25%	

Equipment	Unit	Pieces	Quantity	Rate	Base Total	Markup	Total Cost
						15%	

Materials/Other	Unit	Quantity	Unit Price	Material Cost	Markup	Total Cost
					25%	

Subcontractor	Unit	Quantity	Unit Price	Material Cost	Markup	Total Cost
					5%	
RELOCATION OF TRAFFIC POLE	EA	1	\$1,075.00	\$ 1,075.00	\$ 53.75	\$ 1,128.75
						\$1,128.75

Subtotal \$1,128.75

Lump Sum

Bond 1% \$ 11.29

Total \$1,140.04

AUSTIN TRAFFIC SIGNAL CONSTRUCTION COMPANY, INC.

P.O. Box 130
Round Rock, Texas 78680

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

October 25, 2020

PROPOSAL

CONTROL : 0921-02-312
PROJECT: SPUR 115(23RD)NB APPROACH
HIGHWAY: DICKER RD
COUNTY: HIDALGO

Item No.	Item-code Desc. Code	Bid Item Description	Unit of Measure	Approx. Quantities	Unit Bid Price	Amount
690	6001	RELOCATE TRF SIG POLE	EA	1	\$1,075.00	\$1,075.00
Total Bid Amount						\$1,075.00

NOTES:

- 1) CHANGE ORDER 7
- 2)

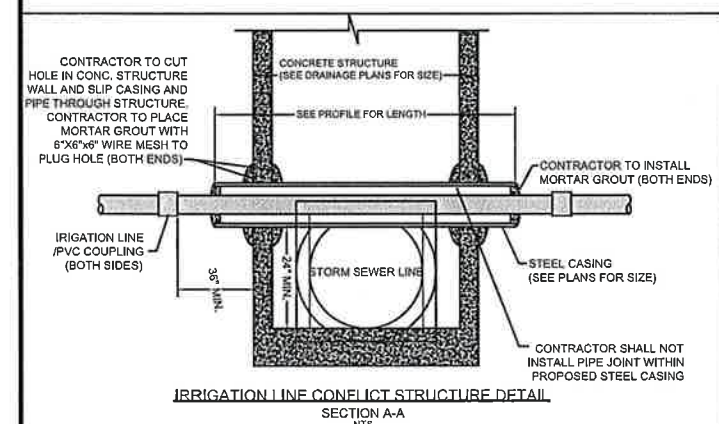
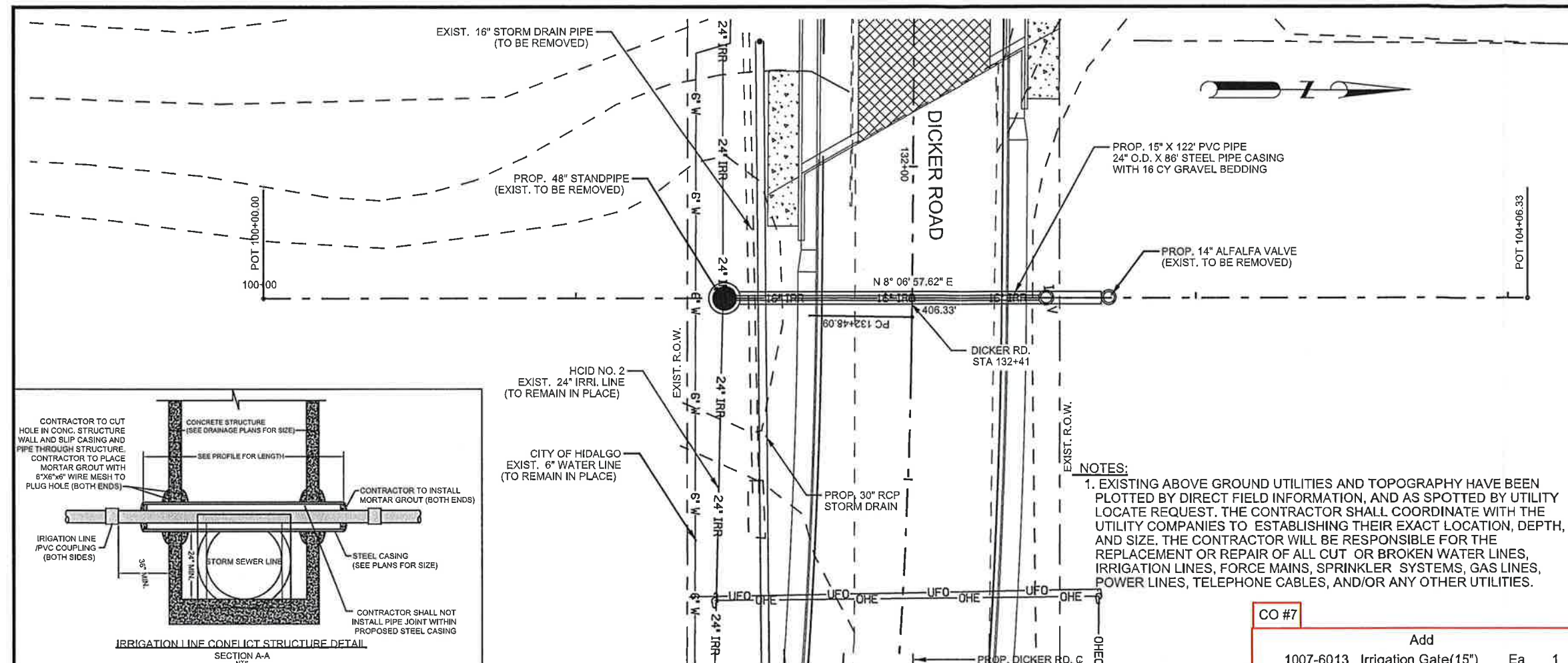
ATSCC PROJECT REQUIREMENTS

- 1) GENERAL CONTRACTOR TO PROVIDE DRILL SHAFT LAYOUT and ELEVATIONS FOR SIGNAL FOUNDATIONS.
- 2) GENERAL CONTRACTOR TO PROVIDE CONCRETE TESTING EQUIPMENT, SAMPLING AND TESTING OF CONCRETE

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

The bid item price is unique item when compared to TxDOT average low bid prices for bid items, but acceptable for payment.

**2) Add 15" and 24" Well Gates
(Sta 132+47)**



NOTES:
 1. EXISTING ABOVE GROUND UTILITIES AND TOPOGRAPHY HAVE BEEN PLOTTED BY DIRECT FIELD INFORMATION, AND AS SPOTTED BY UTILITY LOCATE REQUEST. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO ESTABLISHING THEIR EXACT LOCATION, DEPTH, AND SIZE. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR OF ALL CUT OR BROKEN WATER LINES, IRRIGATION LINES, FORCE MAINS, SPRINKLER SYSTEMS, GAS LINES, POWER LINES, TELEPHONE CABLES, AND/OR ANY OTHER UTILITIES.

- LEGEND:**
- ⊗ NON-PAY, SUBSIDIARY TO PERTINENT BID ITEMS.
 - ⊛ TO BE REMOVED UNDER ITEM 496. INCLUDES PAYMENT FOR REMOVAL OF ALL APPURTENANCES.
 - ⊙ NON-PAY ITEM. FOR CONTRACTORS' INFORMATION ONLY.
 - ⊕ THE CONTRACTOR SHALL CONFIRM THAT THE TOP ELEVATION ON THE PROPOSED STANDPIPE IS AT THE SAME ELEVATION AS THE EXISTING STANDPIPE
 - ⊖ ROCK FILTER DAM TY 2
 - T.O.S. - TOP OF STRUCTURE

- NOTES:**
1. THE CONTRACTOR WILL COORDINATE WITH H.C. I.D. NO. 2 48 HOURS PRIOR TO ANY WORK DONE ON OR NEAR THE IRRIGATION STRUCTURES. SONNY HINOJOSA- (956)787-2754.
 2. PRIOR TO WORKING OUTSIDE THE ROW THE CONTRACTOR SHALL NOTIFY PROPERTY OWNER(S). CAUTION SHALL BE TAKEN NOT TO DAMAGE EXISTING FENCES, TREES, ETC. ANY DAMAGES DONE TO THEIR PROPERTY SHALL BE REPAIRED AT CONTRACTORS EXPENSE.
 3. THE CONTRACTOR SHALL CONFIRM THAT CONFLICTS WITH EXISTING UTILITIES HAVE BEEN RESOLVED IN ADVANCE OF CONSTRUCTION. DAMAGES CAUSED BY OR TO EXISTING UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 4. ALL PVC ELBOWS, AND CONNECTIONS SHALL BE SUBSIDIARY TO PERTINENT BID ITEMS.
 5. DURING CUT & RESTORE OPERATIONS, CONTRACTOR SHALL UTILIZE ADEQUATE TRAFFIC CONTROL MEASURES INCLUDING A FLAG PERSON.
 6. SEE DRAINAGE DETAILS SHEET FOR IRRIGATION PIPE BEDDING AND BACKFILL DETAIL

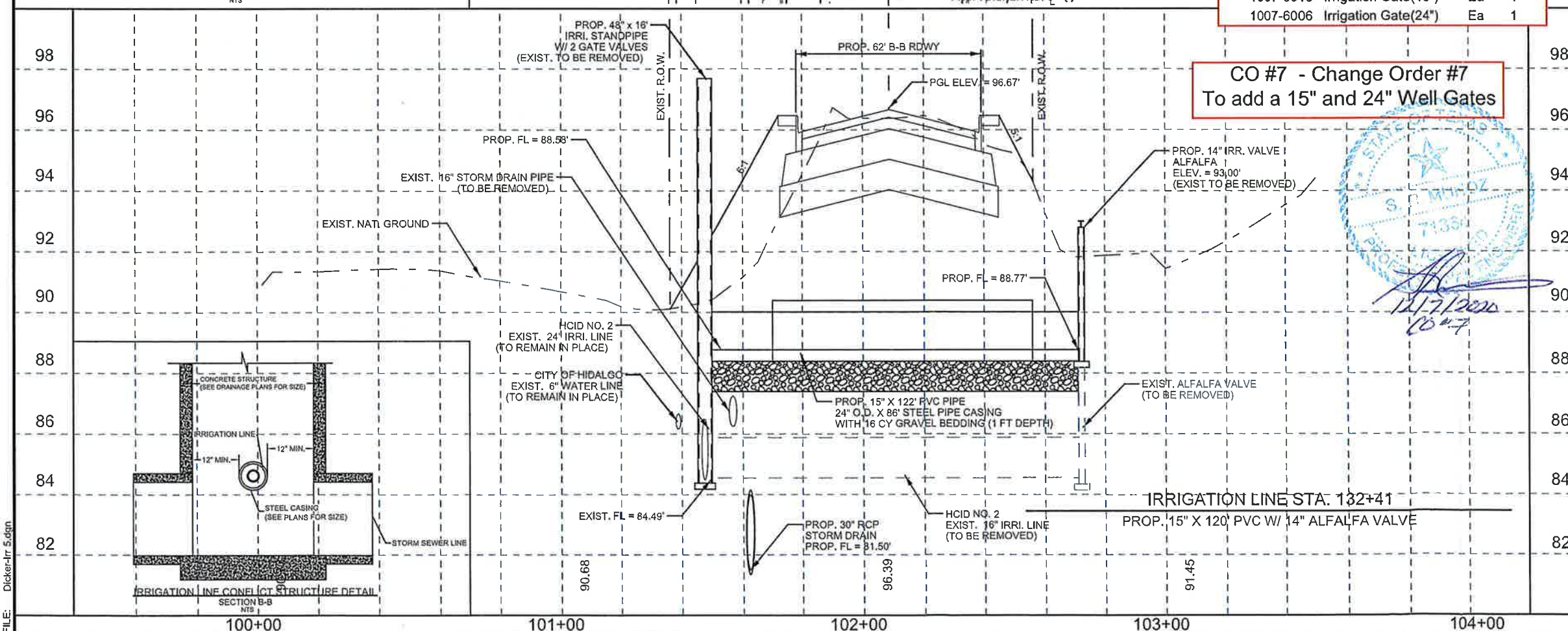
SHEET SUMMARY

ITEM	DESCRIPTION	UNIT	QUANTITY
400	STRUCT EXCAVATION	CY	112
400	STRUCT EXCAVATION (SPL)	CY	16
400	CEM STABIL BACKFILL	CY	23
402	TRENCH EXCAV. PROTECTION	LF	126
496	REMOVE STR (PIPE)	LF	122
496	REMOVE STR (EXIST STANDPIPE)	EA	1
496	REMOVE STR (EXIST IRRIG VALVE)	EA	1
1007	IRRIGATION WELL (48" STANDPIPE)	EA	1
1007	IRRIGATION VALVE ALFALFA (14")	EA	1
1008	IRRIG PVC PIPE (15 IN)	LF	122
7016	CASING(STEEL)(24 IN)	LF	86

CO #7

Add			
1007-6013	1007-6013	1007-6013 Irrigation Gate(15")	Ea 1
1007-6006	1007-6006	1007-6006 Irrigation Gate(24")	Ea 1

CO #7 - Change Order #7
 To add a 15" and 24" Well Gates



DATE: 4/26/2018 1:35:43 PM
 FILE: Dicker-Irr 5.dgn

The County of Hidalgo
 Pct 2

© 2018
 Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78572
 (956) 424-7898

DICKER ROAD
 IRRIGATION LAYOUT 5
 HCID No 2
 STA 132+41

SCALE:
 HOR: 1"=40'
 VER: 1"=4'

SHEET 5 OF 5

FED. RD. DIST. NO.	CONT.	SECT.	JOB	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	171a

CHANGE ORDER SUBMITTAL

PROJECT	DICKER RD RECONSTRUCTION PROJECT	CSJ	0921-02-312
COUNTY	HIDALGO COUNTY	HWY	
CHANGE ORDER	7	DATED	11/09/2020

CHANGE ORDER DESCRIPTION SLUICE GATE INSTALLATION

A) LABOR	\$	+ 25% COMPENSATION	\$	
		+55 % PREMIUM	\$	
		TOTAL LABOR		\$
B) MATERIAL	\$	+ 25% COMPENSATION	\$	
		TOTAL MATERIAL		\$
C) EQUIPMENT	\$	+15% COMPENSATION	\$	
		TOTAL EQUIPMENT		\$
D) SUB	\$ 6,740.00	5% COMPENSATION	\$ 337.00	
		TOTAL MOB		\$ 7,077.00
		SUBTOTAL		\$ 7,077.00
E) BOND	1% \$ 70.77			\$ 7,147.77
F) TOTAL				\$7,147.77

ADMINISTRATIVE COST 5% Of total extra work by sub

The Prime contractor may be paid for this cost when extra work, ordered by the engineer, is performed by a subcontractor or a collection of subcontractor. This cost will be calculated as a percentage of the SUB WORK above, in accordance with the Special Provision in the contract

TOTAL PAYMENT	\$7,147.77
LESS PREVIOUS PAY	\$ -
PAY THIS PERIOD	\$7,147.77

I hereby certify that the above is a true and correct statement of the amounts payable to 2GS, LLC DBA EARTHWORKS ENTERPRISE, which are just charges as contingency expenditures incurred on this project



 Humberto Garcia Jr - Member

11/9/20

 Date

Control	0921-02-312
Project:	DICKER RD RECONSTRUCTION PROJECT
Highway:	HIDALGO COUNTY
County:	

DATE		SLUICE GATE INSTALLATION
10/9/20		

Labor	Unit	Pieces	Quantity	Rate	Base Total	Ins & Taxes	Markup	Total Cost
						55%	25%	

Equipment	Unit	Pieces	Quantity	Rate	Base Total	Markup	Total Cost
						15%	

Materials/Other	Unit	Quantity	Unit Price	Material Cost	Markup	Total Cost
					25%	

Subcontractor	Unit	Quantity	Unit Price	Material Cost	Markup	Total Cost
					5%	
SLUICE GATE INSTALLATION	EA	1	\$3,775.00	\$ 3,775.00	\$ 188.75	\$3,963.75
15" VALVE	EA	1	\$2,965.00	\$ 2,965.00	\$ 148.25	\$3,113.25
						\$7,077.00

Subtotal	\$7,077.00
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Lump Sum	
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Bond 1%	\$ 70.77
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Total	\$7,147.77
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GO Underground, LLC.
217 E. Monroe Ave.
Harlingen, Tx 78550

September 24, 2020

B2Z Engineering
900 S. Stewart Rd, Ste. 4
Mission, Tx 78572

RE: Dicker Road Reconstruction Project - CSJ # 0921-02-312

Dear Mr. Stanley Ramos:

There has been a significant change of over 45% to Item#1007 9001 Irrigation Well 48 Inch Stand Pipe. This item also consisted of the installation of an 18 - 24 Inch Gate and Valve that were not on the plans nor subsidiary to the item. Therefore, as per TX DoT Specifications a modification to the existing item is necessary. It is necessary to create a new item of work to establish a price for the installation of an 18 - 24 Inch Gate and Valve. GO Underground, LLC. submits the enclosed price quote for the new item of work on the Dicker Road Reconstruction Project - CSJ # 0921-02-312. Enclosed for your review is our Invoice#M443013 from our Supplier, Core & Main. This material was used along with the Stand Pipe Installation, but was not included in the plans or contract. I have also included the equipment rental rate for a 2006 John Deere 410 that was used, and labor rates that will be used for the completion of this work.

This documentation is being provided as justification of the costs to complete this work.

Sluice Gate Installation

Subcontractor's Price per Unit \$ 3,775.00
Approximately 1 EA

\$ 3,775.00 ✓

15 Inch Valve

Subcontractor's Price per Unit \$ 2,965.00
Approximately 1 EA

\$ 2,965.00 ✓

Total: \$ 6,740.00

Please contact me if any additional information is required.

Respectfully,
Soledad Bravo
Office Manager

Enclosure: Cost break down and supporting documentation

Office: 956-412-6100 – Fax: 956-412-6101 – Email: goexcavate@yahoo.com

GO UNDERGROUND, LLC

217 E. MONROE AVE.
HARLINGEN, TX 78550

Estimate

Date	Estimate #
7/1/2020	111

Name / Address
2GS, LLC Dba Earthworks Enterprise P.O. Box 595 Penitas, Tx 78576

Project
Gate / Valve Installat...

Description	Qty	Cost	Total
24 20-10C SERIES 6400SLUICE GATE	1	2,975.00	2,975.00
15 IN FRESNO SERIES 6400 FLATBAC	1	2,165.00	2,165.00
EA	2	800.00	1,600.00
<div style="border: 1px solid red; padding: 5px; display: inline-block;"> 15" Irrigation Gate \$2165.00 +800.00 \$2965.00 </div>	<div style="border: 1px solid red; padding: 5px; display: inline-block;"> 24" Irrigation Gate \$2975.00 +800.00 \$3775.00 </div>		
<div style="border: 1px solid red; padding: 5px; display: inline-block;"> TxDOT Avg Bid Price Comparison TxDOT 18" Irrigation Gate=\$6000 GO Price is acceptable </div>	<div style="border: 1px solid red; padding: 5px; display: inline-block;"> TxDOT Avg Bid Price Comparison TxDOT 24" Irrigation Gate=\$6500 GO Price is acceptable </div>		
Thank you for your business.		Total	\$6,740.00

Customer Signature _____



DUPLICATE
INVOICE

1830 Craig Park Court
St. Louis, MO 63146

Invoice # M443013
Invoice Date 6/23/20
Account # 142653
Sales Rep MARCO CARDOZA
Phone # 956-631-3341
Branch #001 McAllen, TX
Total Amount Due \$5,140.00

Remit To:
CORE & MAIN LP
PO BOX 28330
ST LOUIS, MO 63146

GO UNDERGROUND LLC
217 E MONROE AVE
HARLINGEN TX 78550 5519

Shipped To:
DICKER RD Reconstruction
HIDALGO, TX

CUSTOMER JOB- DICKER DICKER RD

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered 6/02/20 Date Shipped 6/22/20 Customer PO # JOE Job Name DICKER RD Job # DICKER Bill of Lading CORE & MAIN LP Shipped Via Invoice# M443013

Product Code	Description	Quantity			Price	UM	Extended Price
		Ordered	Shipped	B/O			
15242010C	24 20-10C SERIES 6400 SLUICE GATE	1	1		2975.00000 EA	2,975.00	
/32016140115	15" FRESNO SERIES 6400 FLATBAC	1	1		2165.00000 EA	2,165.00	

Freight Delivery Handling Restock Misc

Subtotal: 5,140.00
Other: .00
Tax: .00
Invoice Total: \$5,140.00

Terms: NET 30
Ordered By: JOE

This transaction is governed by and subject to Core & Main's standard terms and conditions, which are incorporated by reference and accepted.
To review these terms and conditions, please visit: <http://tandc.coreandmain.com/>

TxDOT's Average Bid Prices Comparisons

CONSTRUCTION PROJECT - AVERAGE LOW BID			STATEWIDE												DISTRICT NAME			FORC'WORTH		
District: ALL			DISTRICT NUMBER: 01												02					
ITEM CODE	ITEM DESCRIPTION	ITEM UNIT	3 Month			12 Month			3 Month			12 Month			3 Month					
			STATEWIDE 3M COUNT	STATEWIDE 3M QUANTITY	STATEWIDE 3M AVG	STATEWIDE 12M COUNT	STATEWIDE 12M QUANTITY	STATEWIDE 12M AVG	DISTRICT01 - 3M COUNT	DISTRICT01 - 3M QUANTITY	DISTRICT01 - 3M AVG	DISTRICT01 - 12M COUNT	DISTRICT01 - 12M QUANTITY	DISTRICT01 - 12M AVG	DISTRICT02 - 3M COUNT	DISTRICT02 - 3M QUANTITY	DISTRICT02 - 3M AVG			
3910	10066005	LANDSCAPE SOIL AMENDMENT (TYPE V)				2	12,132.00	\$0.14												
3911	10076001	IRRIGATION GATE (18")				1	2.00	\$6,000.00												
3912	10076006	IRRIGATION GATE (24")				1	4.00	\$8,500.00												
3913	10076007	IRRIGATION VALVE (12")				1	6.00	\$3,500.00												
3914	10076008	IRRIGATION WELL (48")				1	6.00	\$21,000.00												
3915	10086001	PRSSR IRRIG PVC PIPE (18")				1	504.00	\$85.00												
3916	10086002	PRSSR IRRIG PVC PIPE (24")				1	3,286.00	\$70.00												
3917	10096002	RELOC MONUMENT SIGN AND DECORATIVE ROCK				1	1.00	\$15,000.00												
3918	10226001	LANDSCAPE TREATMENT(TY 1)	3	55,179.00	\$0.80	5	69,997.00	\$1.05												
3919	10226002	LANDSCAPE TREATMENT(TY 2)	3	275,145.00	\$0.60	4	349,230.00	\$0.68												
3920	10226003	LANDSCAPE TREATMENT(TY 3)	2	2.00	\$134.00	3	3.00	\$3,289.33												
3921	10226004	LANDSCAPE TREATMENT(TY 4)	2	2.00	\$4,825.50	3	3.00	\$10,083.67												
3922	10226005	LANDSCAPE TREATMENT (TY 5)	3	61,437.00	\$0.38	4	76,254.00	\$0.41												
3923	20006001	DECOMPOSED GRANITE				1	228.00	\$31.00												
3924	20016002	INSTALLED CONCRETE EROSION CONTROL MATS				2	16,657.00	\$9.22												
3925	20036001	RMV, STOCKP, CLEAN, RELAY LOOSE AGGRGT	1	58.00	\$2,950.00	1	58.00	\$2,950.00												
3926	20046001	DECOMPOSED GRANITE (3" DEPTH)				1	2,554.00	\$20.00												
3927	20056001	FILTER FABRIC (TY 2)				1	18,499.00	\$3.50												
3928	30006003	CAN (ASPHALT) PG(76-22)				1	352.00	\$750.00												
3929	30006004	CAN (AGGREGATE)				1	4,702.00	\$92.24												
3930	30026001	MEMBRANE UNDERSEAL	2	90,241.00	\$2.69	11	393,943.00	\$2.89												
3931	30036001	EMULSION				6	10,105,296.45	\$2.44												
3932	30036005	CEMENT				6	7,894.84	\$300.84												
3933	30036008	EMUL TRTMT(MIX EXST MTRL & NEW BASE) 8"				3	1,451,362.44	\$4.76												
3934	30036015	EMUL TRTMT (MIX EXST MTRL)10"				2	812,801.00	\$4.71												
3935	30036018	EMUL TRTMT(MIX EXST MTRL & NEW BASE)10"				2	146,742.00	\$3.82												
3936	30046001	CONTINUOUS DIAMOND GRINDING CONC PAVMT				4	771,850.00	\$3.90												
3937	30046006	SPOT DIAMOND GRINDING ASPH PAVMT				1	12,286.00	\$10.00												
3938	30126002	NEXT GEN CONC SURF GRIND OF CONC PAV				1	60,818.40	\$5.50												
3939	30206001	REMOVE SHOULDER TEXTURING	1	82,166.00	\$2.75	1	82,166.00	\$2.75												
3940	30216001	WIDE FLANGE PAVEMENT TERMINALS	5	4,341.00	\$228.27	6	5,091.00	\$265.94												
3941	30216002	WIDE FLANGE PAVEMENT TERMINALS				1	44.00	\$1,050.00												
3942	30276002	TEXTURING CONCRETE PAVEMENT				1	180.00	\$75.00												
3943	30286002	FRICTIONAL ASPH SURF PRESERV TRTMT	1	166,384.00	\$3.25	7	3,317,748.00	\$1.69				2	811,867.00	\$1.56						

TxDOT's Bid Item Coding

Item Code	Description	Unit
1007 6002	IRRIGATION GATE (30") NOTES:DW-PHR	EA
1007 6003	IRRIGATION WELL (18") NOTES:DW-PHR	EA
1007 6004	IRRIGATION WELL (24") NOTES:DW-PHR	EA
1007 6005	IRRIGATION WELL (30") NOTES:DW-PHR	EA
1007 6006	IRRIGATION GATE (24") NOTES:DW-PHR	EA
1007 6007	IRRIGATION VALVE (12") NOTES:DW-PHR	EA
1007 6008	IRRIGATION WELL (48") NOTES:DW-PHR	EA
1007 6009	IRRIGATION WELL (36") NOTES:DW-PHR	EA
1007 6010	IRRIGATION WELL (30.5 FT X 6.5 FT)	EA
1007 6011	IRRIGATION GATE (10 FT X 9 FT)	EA
1007 6012	IRRIGATION GATE (12") NOTES:OTU	EA
1007 6013	IRRIGATION GATE (15") NOTES:OTU	EA
1008 6001	PRSSR IRRIG PVC PIPE (18") NOTES:DW-PHR	LF
1008 6002	PRSSR IRRIG PVC PIPE (24") NOTES:DW-PHR	LF
1008 6003	PRSSR IRRIG PVC PIPE (12") NOTES:DW-PHR	LF
1008 6004	PRESSURE IRRIGATION PVC PIPE (10") NOTES:DW-PHR	LF
1008 6005	PRSSR IRRIG PVC PIPE (30") NOTES:DW-PHR	LF
1008 6006	PRSSR IRRIGATION PVC PIPE (15")	LF
1009 6001	REMOV MONUMENT SIGN AND DECORATIVE ROCK NOTES:OTU	LS
1009 6002	RELOC MONUMENT SIGN AND DECORATIVE ROCK NOTES:OTU	LS
1010 6001	DECORATIVE LANDSCAPE PAVING	SF
1010 6002	DECORATIVE LANDSCAPE PAVING	SF

**3) Add 6'x5' Reinforced Concrete Box, Plan Quantity Error
(Sta 47+50 to 72+70)**

CO #7 RAINAGE SUMMARY

LOCATION	400 6001 (*) STRUCT EXCAV (CY)	400 6002 (*) STRUCT EXCAV (BOX) (CY)	400 6010 STRUCT EXCAV (SPECIAL) (CY)	402 6001 TRENCH EXCAV. PROTECT. (LF)	462 6003 CONC BOX CULV (4FTx2FT) (LF)	462 6004 CONC BOX CULV (4FTx3FT) (LF)	462 6012 CONC BOX CULV (6FTx5FT) (LF)	462 6013 CONC BOX CULV (6FTx6FT) (LF)	464 6038 RC PIPE (CL III) (18 IN) (SPL) (LF)	464 6039 RC PIPE (CL III) (24 IN) (SPL) (LF)	464 6040 RC PIPE (CL III) (30 IN) (SPL) (LF)	464 6041 RC PIPE (CL III) (36 IN) (SPL) (LF)	464 6042 RC PIPE (CL III) (42 IN) (SPL) (LF)	464 6043 RC PIPE (CL III) (48 IN) (SPL) (LF)	464 6044 RC PIPE (CL III) (54 IN) (SPL) (LF)	464 6045 RC PIPE (CL III) (60 IN) (SPL) (LF)
DICKER ROAD																
U&D 1 OF 12			400	1,034					614	317	137					
U&D 2 OF 12		430	223	844	63	339				63	379					
U&D 3 OF 12			982	1,362						61	240		646	190		227
U&D 4 OF 12		347	222	1,341			1,015		92	120	60					148
U&D 5 OF 12		400	134	1,495			1,169		147	120	60					
U&D 6 OF 12		419	72	1,354			268		44	120						
U&D 7 OF 12		192		557				955								
U&D 8 OF 12			774	1,290				557								
U&D 9 OF 12			1,135	1,306					190	390	250	391	72			
U&D 10 OF 12			1,305	1,343					62	62			258		924	
U&D 11 OF 12			561	1,203					84	86	60				352	869
U&D 12 OF 12			56	164					329	285	543					46
THROUGHOUT PROJECT	33,659								164							
TOTAL	33,659	1,788	5,864	13,293	63	339	2,452	1,512	1,474	1,424	1,931	250	1,037	520	1,651	915

* FOR CONTRACTOR INFORMATION ONLY
 ** CUT AND RESTORING PAVEMENT FOR DRAINAGE QUANTITY ON TCP SUMMARY

DRAINAGE SUMMARY (CONTINUATION)

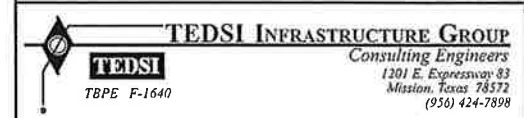
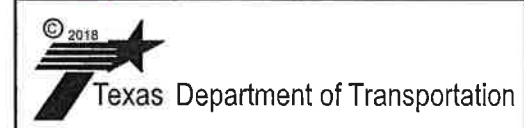
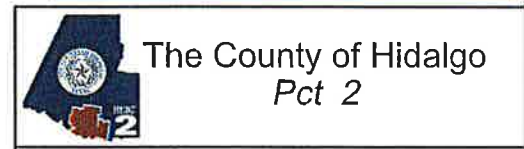
LOCATION	465 6029 INLET (COMPL) (PCU) (3FT) (NONE) (EA)	465 6030 INLET (COMPL) (PCU) (3FT) (LEFT) (EA)	465 6031 INLET (COMPL) (PCU) (3FT) (RIGHT) (EA)	465 6033 INLET (COMPL) (PCU) (4FT) (NONE) (EA)	465 6035 INLET (COMPL) (PCU) (4FT) (RIGHT) (EA)	465 6037 INLET (COMPL) (PCU) (5FT) (NONE) (EA)	465 6038 INLET (COMPL) (PCU) (5FT) (LEFT) (EA)	465 6039 INLET (COMPL) (PCU) (5FT) (RIGHT) (EA)	465 6041 INLET (COMPL) (PCU) (6FT) (NONE) (EA)	465 6074 INLET (COMPL) (PSL) (RC) (5FTx5FT) (EA)	465 6076 INLET (COMPL) (PSL) (RC) (6FTx6FT) (EA)	465 6077 INLET (COMPL) (PSL) (RC) (8FTx8FT) (EA)	465 6158 INLET (COMPL) (PAZD) (FG) (3FTx3FT) (EA)	465 6160 INLET (COMPL) (PAZD) (FG) (4FTx4FT) (EA)	465 6176 INLET (COMPL) (CURB) (TY C1) (MOD) (EA)	467 6356 S.E.T (TY II) (18 IN) (3:1) (C) (EA)	467 6388 S.E.T (TY II) (24 IN) (RCP) (3:1) (C) (EA)
DICKER ROAD																	
U&D 1 OF 12	8		1		1	1				1						1	
U&D 2 OF 12		1															
U&D 3 OF 12		3				1			1	1				2			
U&D 4 OF 12	1	2									2	1		3			
U&D 5 OF 12	1	2	1									1		4			
U&D 6 OF 12		2	3								1	1	1	1	2		
U&D 7 OF 12											1						
U&D 8 OF 12		4	1		1	1		1		1							
U&D 9 OF 12	1		1					2		1							
U&D 10 OF 12	3	1	1					1									
U&D 11 OF 12	3			1					1								
U&D 12 OF 12	2																
TOTAL	19	15	8	1	2	2	1	1	3	4	2	5	3	1	10	2	

CULVERT SUMMARY

LOCATION	104 6009 REMOVING CONC (RIPRAP) (SY)	132 6006 EMBANKMENT (FINAL) (DENS CONT) (TY C) (CY)	* 400 6001 STRUCT EXCAV (CY)	400 6005 CEM STABIL BKFL (CY)	400 6010 STRUCT EXCAV (SPECIAL) (CY)	403 6001 TEMP SPL SHORING (SF)	432 6002 RIPRAP (CONC) (5") (CY)	462 6060 CONC BOX CULVERT (7 FT X 5 FT) (EXTEND) (LF)	462 6070 CONC BOX CULVERT (9 FT X 7 FT) (EXTEND) (LF)	464 6003 RC PIPE (CL III) (18") (LF)	465 6158 INLET (COMPL)(PAZD) (FG)(3FT X 3FT) (EA)	496 6007 REMOVE STRUCT PIPE (LF)	432 6001 RIPRAP (CONC) (4") (CY)
DICKER ROAD CULVERTS													
CULV. SHEET 1 OF 3	20		156	8	32		0.0			206	2	140	17.0
CULV. SHEET 2 OF 3		8,652	1,280		182	700	167.4	223					
CULV. SHEET 3 OF 3		6,834	1,244		63	400	146.4	148					
PROJECT TOTAL	20	15,486	2,680	8	277	1,100	313.8	148	223	206	2	140	17.0

* FOR CONTRACTOR INFORMATION ONLY
 CUT AND RESTORING PAVEMENT FOR IRRIGATION INCLUDED ON TCP SUMMARY

CO #7 - Adjust the riprap quantity to match plan quantity

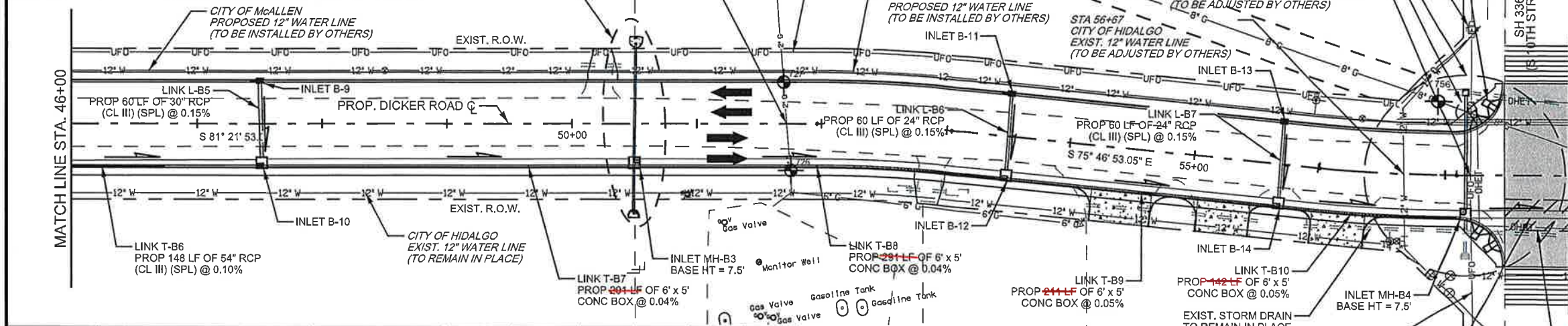


DICKER ROAD DRAINAGE SUMMARIES

SHEET 1 OF 1				
FED. RD. DIV. NO.	CONT.	SECT.	JOB.	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST.	COUNTY	PCT.	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO
				SHEET NO.
				14a

DATE: 4/27/2018 10:24:39 AM
 FILE: Dicker-Sum-DRN.dgn

ITEM	DESCRIPTION	UNIT	QUANTITY
0400 6002	STRUCT EXCAV (BOX)	CY	347
0400 6010	STRUCT EXCAV (SPECIAL)	CY	222
0402 6001	TRENCH EXCAVATION PROTECTION	LF	1341
0462 6012	CONC BOX CULV (6 FT X 5 FT)	LF	1021.5
0464 6038	RC PIPE (CL III)(18 IN)(SPL)	LF	92
0464 6039	RC PIPE (CL III)(24 IN)(SPL)	LF	120
0464 6040	RC PIPE (CL III)(30 IN)(SPL)	LF	60
0464 6044	RC PIPE (CL III)(54 IN)(SPL)	LF	148
0465 6029	INLET (COMPL)(PCU)(3FT)(NONE)	EA	1
0465 6030	INLET (COMPL)(PCU)(3FT)(LEFT)	EA	2
0465 6077	INLET (COMPL)(PSL)(RC)(8FTX8FT)	EA	2
0465 6158	INLET (COMPL)(PAZD)(FG)(3FTX3FT-3FTX3FT)	EA	1
0465 6176	INLET (COMPL)(CURB)(TY C1) MOD	EA	3



Structure ID	Description	FOC Station / Offset	TOC @ FOC Elevation	FL of Structure	Pipe (N) FL	Pipe (S) FL	Pipe (E) FL	Pipe (W) FL
B-9	PCU (3FT) (LEFT)	47+50.00, -34.5	95.29	88.78		88.78		
B-10	TY 'C1' MOD	47+50.00, 34.5	95.29	86.37	88.68		86.37	86.94
MH-B3	INLET (COMPL)(PSL)(RC)(8FTX8FT) (BH = 7.5')	50+50.00, 30.95	95.57	86.25		86.25	86.25	86.25
B-11	PCU (3FT) (LEFT)	53+50.00, -34.5	95.29	88.79		88.79		
B-12	TY 'C1' MOD	53+50.00, 34.5	95.29	86.13	88.69		86.13	86.13
B-13	PCU (3FT) (NONE)	55+50.00, -34.5	94.77	86.27		86.27		
B-14	TY 'C1' MOD	55+50.00, 34.5	94.77	86.02	88.17		86.02	86.02
MH-B4	INLET (COMPL)(PSL)(RC)(8FTX8FT) (BH = 7.5')	57+16.00, 30.95	95.06	85.94	88.50		85.94	85.94
	INLET (COMPL)(PAZD)(FG)(3FTX3FT-3FTX3FT)	57+16.00, -66	93.12	88.96		88.96		

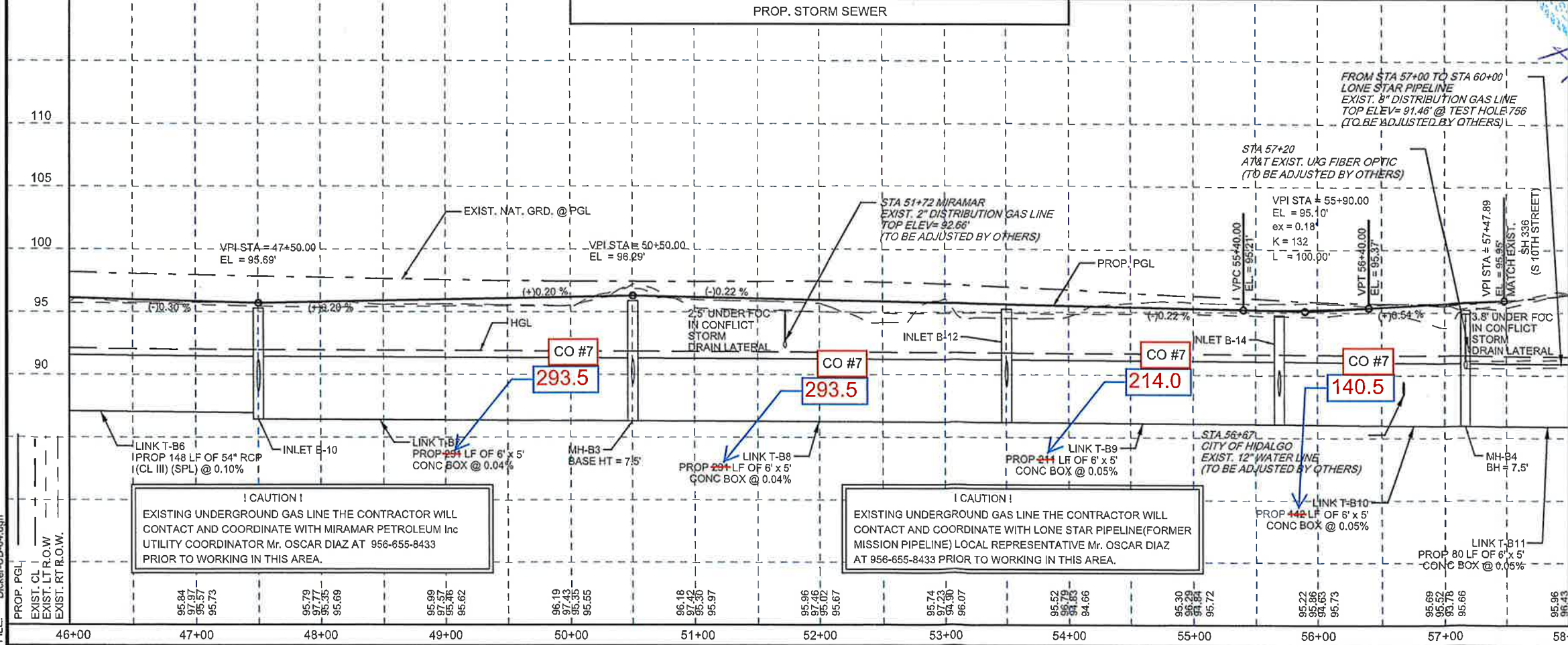
NOTES:
 1. EXISTING ABOVE GROUND UTILITIES AND TOPOGRAPHY HAVE BEEN PLOTTED BY DIRECT FIELD INFORMATION, AND AS SPOTTED BY UTILITY LOCATE REQUEST. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO ESTABLISH THEIR EXACT LOCATION, DEPTH, AND SIZE. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR OF ALL CUT OR BROKEN WATER LINES, IRRIGATION LINES, FORCE MAINS, SPRINKLER SYSTEMS, GAS LINES, POWER LINES, TELEPHONE CABLES, AND/OR ANY OTHER UTILITIES.

LEGEND:

- SEE P&P SHEETS
- EXIST. ITEM TO BE REMOVED UNDER ITEM 496
- PROP. CONC. PLUG (NON-PAY ITEM)
- PROPOSED DRIVEWAY OR TURNOUT (SEE DRIVEWAY/TURNOUT TABLE FOR SET'S & PIPE QUANTITIES)
- DIRECTION OF WATER FLOW
- TEST HOLE NUMBER

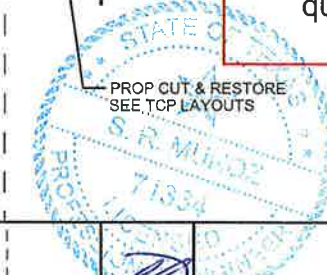
NOTES:
 1. SEE ALIGNMENT DATA SHEET FOR PROPOSED CENTERLINE DATA.
 2. ALL RCP SHALL BE CL III UNLESS OTHERWISE NOTED.
 3. SEE DRAINAGE STRUCTURE STANDARD SHEETS FOR DESCRIPTION OF OFFSET IN STORM DRAIN TABLE.
 4. RECONNECTION OF EXISTING STORM DRAIN SHALL BE SUBSIDIARY TO PERTINENT BID ITEMS.
 5. SEE "HYDRAULIC DATA SHEETS FOR PAYMENTS OF ALL PROPOSED DRAINAGE STRUCTURES."
 6. FOR OTHER DITCH GRADES SEE DITCH PROFILE SHEETS.
 7. SEE PROPOSED CROSS SECTIONS FOR MORE INFORMATION.

CO #7 - Change Order #7
 Adjust the 6x5RCB plan quantities to match field conditions



CAUTION!
 EXISTING UNDERGROUND GAS LINE THE CONTRACTOR WILL CONTACT AND COORDINATE WITH MIRAMAR PETROLEUM Inc UTILITY COORDINATOR Mr. OSCAR DIAZ AT 956-655-8433 PRIOR TO WORKING IN THIS AREA.

CAUTION!
 EXISTING UNDERGROUND GAS LINE THE CONTRACTOR WILL CONTACT AND COORDINATE WITH LONE STAR PIPELINE (FORMER MISSION PIPELINE) LOCAL REPRESENTATIVE Mr. OSCAR DIAZ AT 956-655-8433 PRIOR TO WORKING IN THIS AREA.



NAME: *Eric Dietrich* DATE: 05-03-2019

The County of Hidalgo
 Pct 2



TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78572
 (956) 424-7898

DICKER ROAD UTILITIES AND DRAINAGE

STA. 46+00 TO STA. 58+00

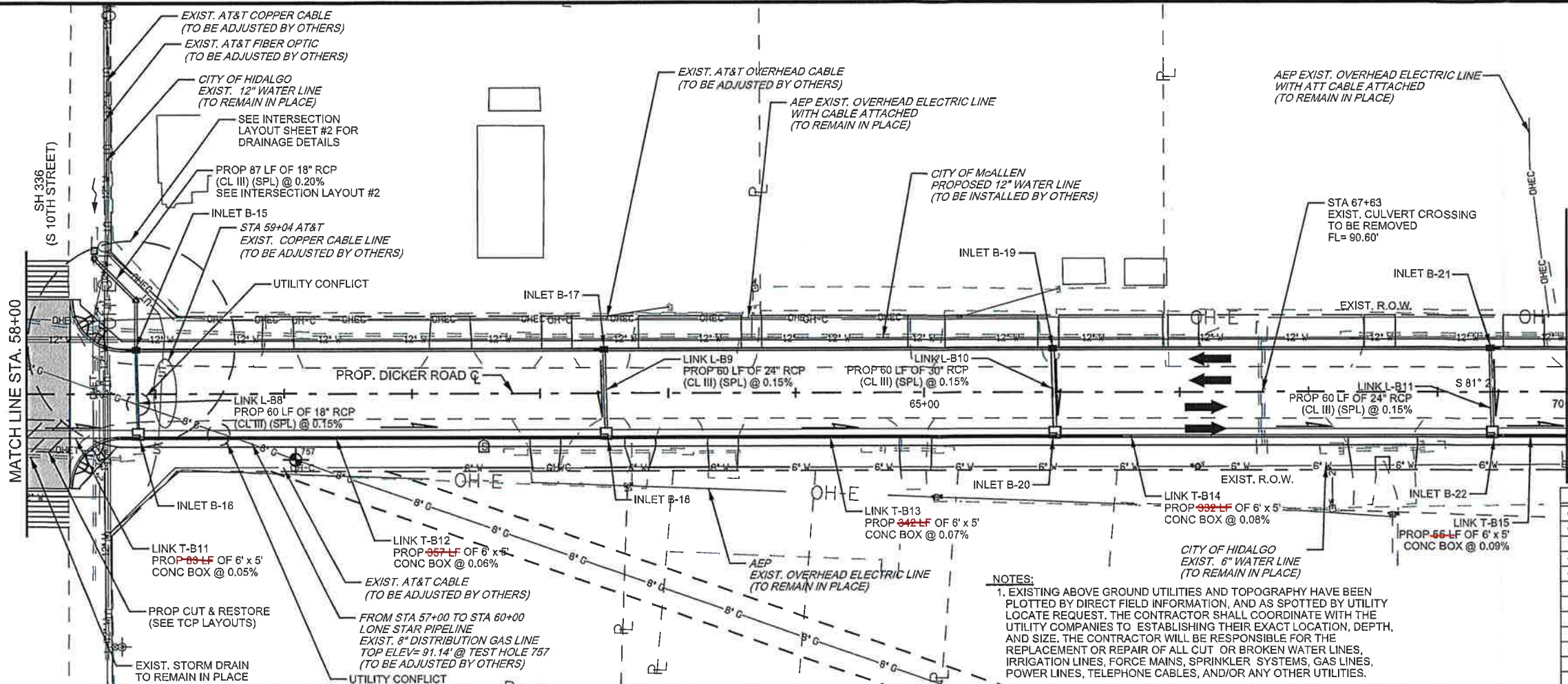
SCALE: HOR: 1"= 100'
 VER: 1"= 10'

SHEET 4 OF 12

TERR. DIV. NO.	CONT.	SECT.	JOB.	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST.	COUNTY	PCT.	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO

SHEET NO. 155a

DATE: 5/3/2019 8:35:09 AM
 FILE: Dicker-UD-04.dgn



LEGEND:

- SEE P&P SHEETS
- ⊙ EXIST. ITEM TO BE REMOVED UNDER ITEM 496
- ⊕ PROP. CONC. PLUG (NON-PAY ITEM)
- ▨ PROPOSED DRIVEWAY OR TURNOUT (SEE DRIVEWAY/TURNOUT TABLE FOR SET'S & PIPE QUANTITIES)
- DIRECTION OF WATER FLOW
- ⊙# TEST HOLE NUMBER

NOTES:

- SEE ALIGNMENT DATA SHEET FOR PROPOSED CENTERLINE DATA.
- ALL RCP SHALL BE CL III UNLESS OTHERWISE NOTED.
- SEE DRAINAGE STRUCTURE STANDARD SHEETS FOR DESCRIPTION OF OFFSET IN STORM DRAIN TABLE.
- RECONNECTION OF EXISTING STORM DRAIN SHALL BE SUBSIDIARY TO PERTINENT BID ITEMS.
- SEE "HYDRAULIC DATA SHEETS FOR PAYMENTS OF ALL PROPOSED DRAINAGE STRUCTURES.
- FOR OTHER DITCH GRADES SEE DITCH PROFILE SHEETS.
- SEE PROPOSED CROSS SECTIONS FOR MORE INFORMATION.

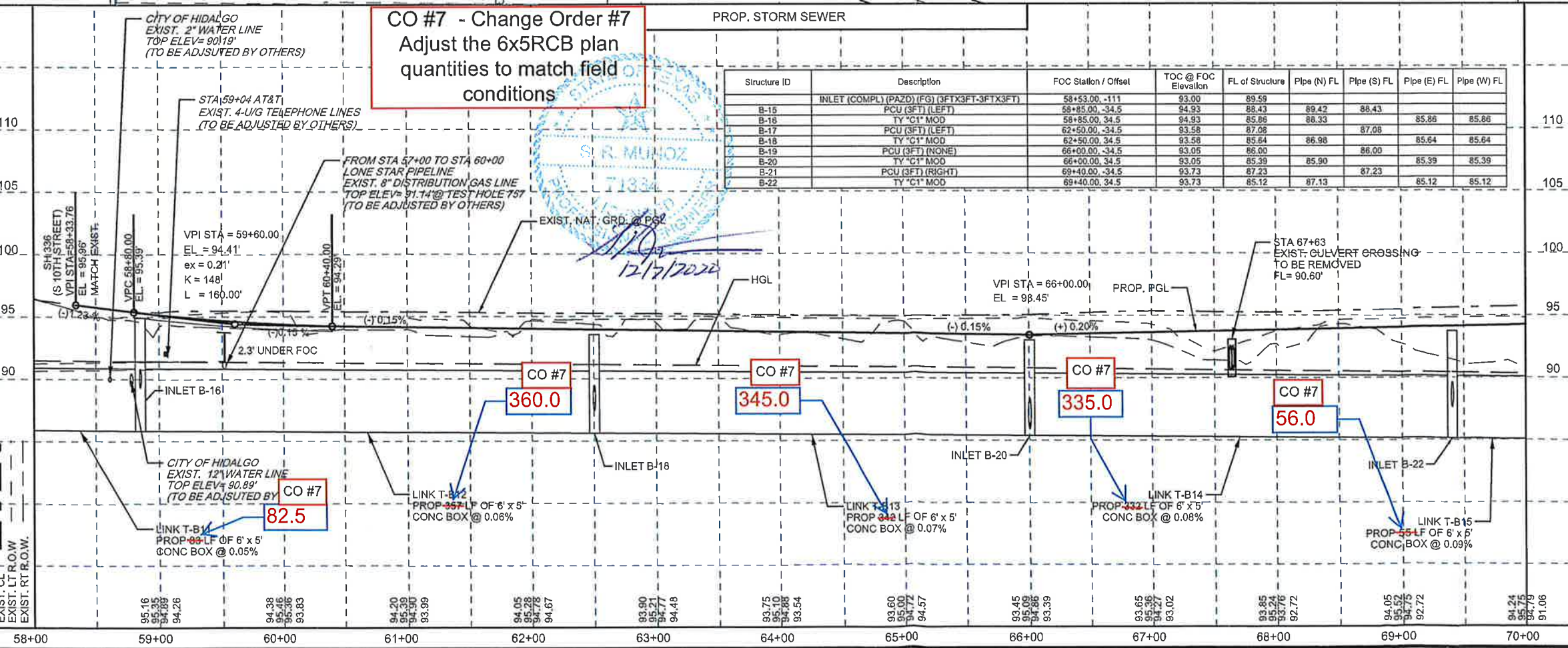
ITEM	DESCRIPTION	UNIT	QUANTITY
0400 6002	STRUCT EXCAV (BOX)	CY	400
0400 6010	STRUCT EXCAV (SPECIAL)	CY	134
0402 6001	TRENCH EXCAVATION PROTECTION	LF	1495
0462 6012	CONC BOX CULV (6 FT X 5 FT)	LF	1460
0464 6038	RC PIPE (CL III)(18 IN)(SPL)	LF	147
0464 6039	RC PIPE (CL III)(24 IN)(SPL)	LF	120
0464 6040	RC PIPE (CL III)(30 IN)(SPL)	LF	60
0465 6029	INLET (COMPL)(PCU)(3FT)(NONE)	EA	1
0465 6030	INLET (COMPL)(PCU)(3FT)(LEFT)	EA	2
0465 6031	INLET (COMPL)(PCU)(3FT)(RIGHT)	EA	1
0465 6158	INLET (COMPL)(PAZD)(FG)(3FTX3FT-3FTX3FT)	EA	1
0465 6176	INLET (COMPL)(CURB)(TY C1) MOD	EA	4

NOTES:

1. EXISTING ABOVE GROUND UTILITIES AND TOPOGRAPHY HAVE BEEN PLOTTED BY DIRECT FIELD INFORMATION, AND AS SPOTTED BY UTILITY LOCATE REQUEST. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO ESTABLISHING THEIR EXACT LOCATION, DEPTH, AND SIZE. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR OF ALL CUT OR BROKEN WATER LINES, IRRIGATION LINES, FORCE MAINS, SPRINKLER SYSTEMS, GAS LINES, POWER LINES, TELEPHONE CABLES, AND/OR ANY OTHER UTILITIES.

CO #7 - Change Order #7
Adjust the 6x5RCB plan quantities to match field conditions

Structure ID	Description	FOC Station / Offset	TOC @ FOC Elevation	FL of Structure	Pipe (N) FL	Pipe (S) FL	Pipe (E) FL	Pipe (W) FL
	INLET (COMPL) (PAZD) (FG) (3FTX3FT-3FTX3FT)	58+53.00, -111	93.00	89.59				
B-16	TY "C1" MOD	58+85.00, -34.5	94.93	88.43	89.42	88.43		
B-18	TY "C1" MOD	58+85.00, 34.5	94.93	85.86	88.33		85.86	85.86
B-17	PCU (3FT) (LEFT)	62+50.00, -34.5	93.58	87.08		87.08		
B-18	TY "C1" MOD	62+50.00, 34.5	93.58	85.64	86.98		85.64	85.64
B-19	PCU (3FT) (NONE)	66+00.00, -34.5	93.05	86.00		86.00		
B-20	TY "C1" MOD	66+00.00, 34.5	93.05	85.39	85.90		85.39	85.39
B-21	PCU (3FT) (RIGHT)	69+40.00, -34.5	93.73	87.23		87.23		
B-22	TY "C1" MOD	69+40.00, 34.5	93.73	85.12	87.13		85.12	85.12



NAME: *Eric Dietrich* DATE: 05-03-2019

ERIC DIETRICH
Professional Engineer
94970

The County of Hidalgo
Pct 2

Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(951) 424-7898

DICKER ROAD UTILITIES AND DRAINAGE
STA. 58+00 TO STA. 70+00

SCALE:
HOR: 1" = 100'
VER: 1" = 10'

SHEET 5 OF 12

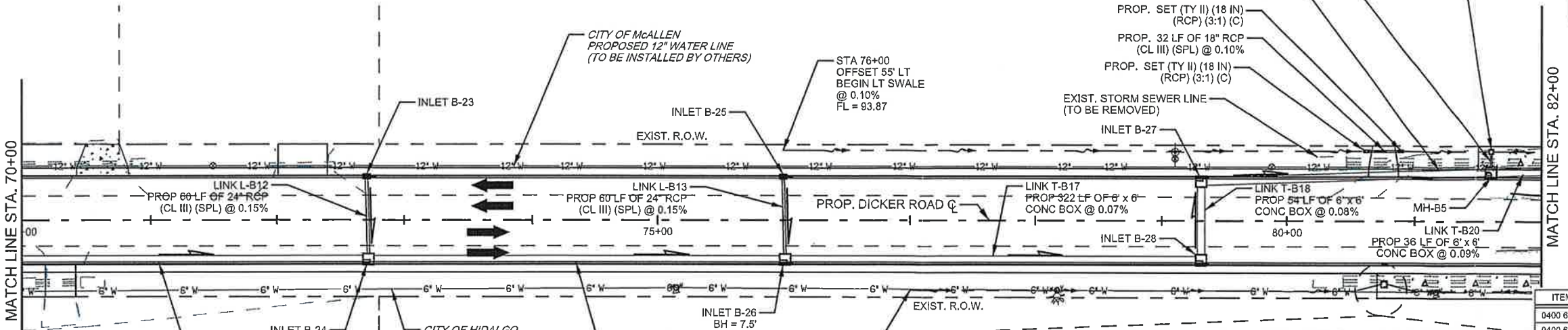
FED. RD DIV. NO.	CONT.	SECT.	JOB.	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	156a

DATE: 5/3/2019 8:35:10 AM
FILE: Dicker-UD-05.dgn

NOTES:
 1. EXISTING ABOVE GROUND UTILITIES AND TOPOGRAPHY HAVE BEEN PLOTTED BY DIRECT FIELD INFORMATION, AND AS SPOTTED BY UTILITY LOCATE REQUEST. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO ESTABLISHING THEIR EXACT LOCATION, DEPTH, AND SIZE. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR OF ALL CUT OR BROKEN WATER LINES, IRRIGATION LINES, FORCE MAINS, SPRINKLER SYSTEMS, GAS LINES, POWER LINES, TELEPHONE CABLES, AND/OR ANY OTHER UTILITIES.

- LEGEND:**
- ☐ SEE P&P SHEETS
 - ⊕ EXIST. ITEM TO BE REMOVED UNDER ITEM 496
 - ⊕ PROP. CONC. PLUG (NON-PAY ITEM)
 - ▨ PROPOSED DRIVEWAY OR TURNOUT (SEE DRIVEWAY/TURNOUT TABLE FOR SET'S & PIPE QUANTITIES)
 - DIRECTION OF WATER FLOW
 - ⊕# TEST HOLE NUMBER

- NOTES:**
1. SEE ALIGNMENT DATA SHEET FOR PROPOSED CENTERLINE DATA.
 2. ALL RCP SHALL BE CL III UNLESS OTHERWISE NOTED.
 3. SEE DRAINAGE STRUCTURE STANDARD SHEETS FOR DESCRIPTION OF OFFSET IN STORM DRAIN TABLE.
 4. RECONNECTION OF EXISTING STORM DRAIN SHALL BE SUBSIDIARY TO PERTINENT BID ITEMS.
 5. SEE "HYDRAULIC DATA SHEETS FOR PAYMENTS OF ALL PROPOSED DRAINAGE STRUCTURES.
 6. FOR OTHER DITCH GRADES SEE DITCH PROFILE SHEETS.
 7. SEE PROPOSED CROSS SECTIONS FOR MORE INFORMATION.



Structure ID	Description	FOC Station / Offset	TOC @ FOC Elevation	FL of Structure	Pipe (N) FL	Pipe (S) FL	Pipe (E) FL	Pipe (W) FL
B-23	PCU (3FT) (RIGHT)	72+70.00, -34.5	94.38	87.88		87.88		
B-24	TY "C1" MOD	72+70.00, 34.5	94.38	84.77	87.78		84.77	84.82
B-25	PCU (3FT) (RIGHT)	76+00.00, -34.5	95.04	88.54		88.54		
B-26	PCU (3FT) (LEFT) 8FTX8FT BASE (BH = 7.5)	76+00.00, 34.5	95.04	84.54	88.44		84.54	84.54
B-27	PCU (3FT) (RIGHT) 8FTX8FT BASE	79+30.00, -34.5	95.24	84.25		84.25	84.25	
B-28	PCU (3FT) (LEFT) 8FTX8FT BASE	79+30.00, 34.5	95.24	84.30	84.30		84.30	84.30
MH-B5	INLET (COMPL) (PSL) (RC) (8FTX8FT)	81+60.00, -38.5	99.93	84.04	90.79		84.04	84.04
	INLET (COMPL) (PAZD) (FG) (3FTX3FT-3FTX3FT)	81+60.00, -55	93.31	89.81		89.81		84.04

ITEM	DESCRIPTION	UNIT	QUANTITY
0400 6002	STRUCT EXCAV (BOX)	CY	419
0400 6010	STRUCT EXCAV (SPECIAL)	CY	72
0402 6001	TRENCH EXCAVATION PROTECTION	LF	1354
0462 6012	CONC BOX CULV (6 FT X 5 FT)	LF	268
0462 6013	CONC BOX CULV (6 FT X 6 FT)	LF	955
0464 6038	RC PIPE (CL III)(18 IN)(SPL)	LF	44
0464 6039	RC PIPE (CL III)(24 IN)(SPL)	LF	120
0465 6030	INLET (COMPL)(PCU)(3FT)(LEFT)	EA	2
0465 6031	INLET (COMPL)(PCU)(3FT)(RIGHT)	EA	3
0465 6077	INLET (COMPL)(PSL)(RC)(8FTX8FT)	EA	1
0465 6158	INLET (COMPL)(PAZD)(FG)(3FTX3FT-3FTX3FT)	EA	1
0465 6160	INLET (COMPL)(PAZD)(FG)(4FTX4FT-4FTX4FT)	EA	1
0465 6176	INLET (COMPL)(CURB)(TY C1) MOD	EA	1
0467 6356	SET (TY II) (18 IN) (RCP) (3:1) (C)	EA	2

CO #7
269.0

CO #7 - Change Order #7
Adjust the 6x5RCB plan quantities to match field conditions



NAME: Eric Dietrich DATE: 05-03-2019

The County of Hidalgo
Pct 2

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DICKER ROAD UTILITIES AND DRAINAGE
STA. 70+00 TO STA. 82+00

SCALE: HOR: 1"=100' VER: 1"=10'

SHEET 6 OF 12

FED. RD DIST. NO.	CONTRACT	SECTION	JOB NO.	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST	COUNTY	PCT	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	157a

DATE: 5/3/2019 8:35:11 AM
FILE: Dicker-UD-06.dgn

Dicker Road

Line C - 6X5 Plan Quantity Error Adjustment

	Sta	Sta	Sta	Sta	Sta	Sta	Sta	Sta	Sta	Sta	
Sta	47+50	50+50	53+50	55+69	57+16	58+85	62+50	66+00	69+40	72+70	
Inlet/MH Number	B10	B3	B12	B14	B4	B16	B18	B20	B22	B24	
Inlet/MH	Inlet C1	MH	Inlet C1	Inlet C1	MH	Inlet C1	Inlet C1	Inlet C1	Inlet C1	Inlet C1	
Inlet/MH Widths(Ft)	5	8	5	5	8	5	5	5	5	5	
1/2 Width(Ft)	2.5	4	2.5	2.5	4	2.5	2.5	2.5	2.5	2.5	
Original 6X5 Lengths		291	291	211	142	163	357	342	332	323	2452
1/2 Width + 6x5 Lengths		297.5	297.5	216	148.5	169.5	362	347	337	328	
Sta to Sta		300	300	219	147	169	365	350	340	330	Totals
Difference 6x5Boxes		2.5	2.5	3	-1.5	-0.5	3	3	3	2	17
Revised 6x5 Lengths		293.5	293.5	214	140.5	162.5	360	345	335	325	2469
						80				56	
						82.5				269	
						162.5				325	

Original 6X5 Lengths	2452	Ft
Revised 6x5 Lengths	2469	Ft
	17	Ft CO amount

**4) Traffic Control Plan Changes, Detour traffic around the Dicker Road
Construction
(Sta 61+00 to 145+00)**

ESTIMATE QUANTITY

ITEM NO.	DESCRIPTION	UNIT	TOTAL	
			EST	CO 1,5 & 7
0100 6002	PREPARING ROW	STA	136.4	
0104 6009	REMOVING CONC (RIPRAP)	SY	470.0	
0104 6015	REMOVING CONC (SIDEWALKS)	SY	35.0	
0104 6017	REMOVING CONC (DRIVEWAYS)	SY	1433.0	
0104 6022	REMOVING CONC (CURB AND GUTTER)	LF	1419.0	
0104 6032	REMOVING CONC (WHEELCHAIR RAMP)	SY	122.0	
0104 6037	REMOVE CONC (RAIL)	LF	540.0	
0110 6001	EXCAVATION (ROADWAY)	CY	62071.0	
0132 6006	EMBANKMENT (FINAL)(DENS CONT)(TY C)	CY	51338.0	
0160 6005	FURNISHING AND PLACING TOPSOIL	CY	50.0	
0164 6029	CELL FBR MLCH SEED(TEMP)(WARM)	SY	50955.0	
0164 6031	CELL FBR MLCH SEED(TEMP)(COOL)	SY	50955.0	
0168 6001	VEGETATIVE WATERING	MG	1000.0	
0169 6003	SOIL RETENTION BLANKETS (CL 1) (TY C)	SY	244.0	
0204 6003	SPRINKLING (DUST CONTROL)	MG	545.6	
0216 6001	PROOF ROLLING	HR	60.0	
0247 6225	FL BS (RDWY DEL)(TY E GR 4)(FNAL POS)	CY	18253.0	
0251 6185	REWORK BS MATL (TY B)(11")(DENS CONT)	CY	18013.0	
0260 6011	LIME TRT (EXST MATL) (12")	SY	105861.0	
0260 6016	LIME (HYD, COM, OR QK(SLURRY))	TON	3682.0	
0260 6058	LIME TRT(MIX EXST MATL & NEW BASE)(11")	SY	102902.0	
0305 6003	SALV, HAUL & STKPL RCL APH PV (2 TO 4")	SY	58952.0	
0310 6009	PRIME COAT (MC-30)	GAL	20580.0	
0341 6008	D-GR HMA TY-B PG64-22	TON	24102.0	
0341 6047	D-GR HMA TY-D SAC-A PG76-22	TON	16453.0	
0354 6041	PLANE ASPH CONC PAV (1.5")	SY	5647.0	
0400 6005	CEM STABIL BKFL	CY	720.6	790.43
0400 6008	CUT & RESTORING ASPH PAV	SY	603.0	289.0
0400 6010	STRUCT EXCAV (SPECIAL)	CY	6281.0	
0401 6001	FLOWABLE BACKFILL	CY	15.0	
0402 6001	TRENCH EXCAVATION PROTECTION	LF	14113.0	
0403 6001	TEMPORARY SPL SHORING	SF	2005.0	
0409 6002	PRESTR CONC PIL (18 IN SQ)	LF	1218.0	
0416 6030	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	126.0	
0416 6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	98.0	
0420 6019	CL C CONC (ABUT)(EXTEND)	CY	117.8	
0420 6033	CL C CONC (CAP)(EXTEND)	CY	23.0	
0422 6003	REINF CONC SLAB (EXTEND SLAB)	SF	8631.0	
0425 6037	PRESTR CONC GIRDER (TX40)	LF	427.9	
0425 6039	PRESTR CONC GIRDER (TX54)	LF	372.3	
0432 6001	RIPRAP (CONC)(4 IN)	CY	993.0	1010.0
0432 6002	RIPRAP (CONC)(5 IN)	CY	180.0	433.8
0442 6007	STR STEEL (MISC NON - BRIDGE)	LB	546.0	
0450 6023	RAIL (TY SSTR)	LF	625.5	
0450 6042	RAIL (TY PR1)	LF	3505.5	
0452 2003	REMOVE RAIL (CONC POST & MTL ELEM)	LF	540.0	
0454 6001	SEALED EXPANSION JOINT (4 IN) (SEJ - A)	LF	127.5	
0462 6003	CONC BOX CULV (4 FT X 2 FT)	LF	63.0	
0462 6004	CONC BOX CULV (4 FT X 3 FT)	LF	339.0	
0462 6012	CONC BOX CULV (6 FT X 5 FT)	LF	2452.0	
0462 6013	CONC BOX CULV (6 FT X 6 FT)	LF	1512.0	
0462 6060	CONC BOX CULV (7 FT X 5 FT)(EXTEND)	LF	148.0	
0462 6070	CONC BOX CULV (9 FT X 7 FT)(EXTEND)	LF	223.0	
0464 6003	RC PIPE (CL III)(18 IN)	LF	206.0	
0464 6025	RC PIPE (CL V)(18 IN)	LF	400.0	
0464 6038	RC PIPE (CL III)(18 IN)(SPL)	LF	1474.0	
0464 6039	RC PIPE (CL III)(24 IN)(SPL)	LF	1424.0	
0464 6040	RC PIPE (CL III)(30 IN)(SPL)	LF	1931.0	
0464 6041	RC PIPE (CL III)(36 IN)(SPL)	LF	250.0	
0464 6042	RC PIPE (CL III)(42 IN)(SPL)	LF	1037.0	
0464 6043	RC PIPE (CL III)(48 IN)(SPL)	LF	520.0	
0464 6044	RC PIPE (CL III)(54 IN)(SPL)	LF	1651.0	

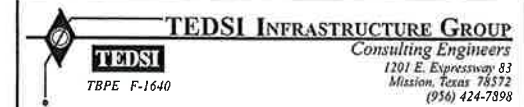
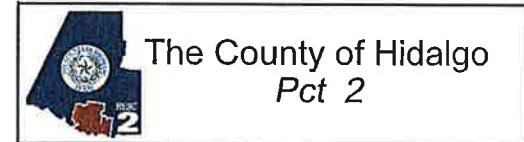
ESTIMATE QUANTITY (CONT)

ITEM NO.	DESCRIPTION	UNIT	TOTAL	
			EST	CO 1,5 & 7
0464 6045	RC PIPE (CL III)(60 IN)(SPL)	LF	915	
0465 6029	INLET (COMPL)(PCU)(3FT)(NONE)	EA	19	
0465 6030	INLET (COMPL)(PCU)(3FT)(LEFT)	EA	15	
0465 6031	INLET (COMPL)(PCU)(3FT)(RIGHT)	EA	8	
0465 6033	INLET (COMPL)(PCU)(4FT)(NONE)	EA	1	
0465 6035	INLET (COMPL)(PCU)(4FT)(RIGHT)	EA	2	
0465 6037	INLET (COMPL)(PCU)(5FT)(NONE)	EA	2	
0465 6038	INLET (COMPL)(PCU)(5FT)(LEFT)	EA	1	
0465 6039	INLET (COMPL)(PCU)(5FT)(RIGHT)	EA	1	
0465 6041	INLET (COMPL)(PCU)(6FT)(NONE)	EA	3	
0465 6074	INLET (COMPL)(PSL)(RC)(5FTX5FT)	EA	4	
0465 6076	INLET (COMPL)(PSL)(RC)(6FTX6FT)	EA	2	
0465 6077	INLET (COMPL)(PSL)(RC)(8FTX8FT)	EA	5	
0465 6158	INLET(COMPL)(PAZD)(FG)(3FTX3FT-3FTX3FT)	EA	5	
0465 6160	INLET(COMPL)(PAZD)(FG)(4FTX4FT-4FTX4FT)	EA	1	
0465 6176	INLET (COMPL)(CURB)(TY C1) (MOD)	EA	10	
0467 6356	SET (TY II) (18 IN) (RCP) (3: 1) (C)	EA	2	
0467 6388	SET (TY II) (24 IN) (RCP) (3: 1) (C)	EA	1	
0480 6001	CLEAN EXIST CULVERTS	EA	2	
0496 6003	REMOV STR (MANHOLE)	EA	1	
0496 6005	REMOV STR (WINGWALL)	EA	4	
0496 6007	REMOV STR (PIPE)	LF	5979	
0496 9001	REMOVE STRUCT (EXIST STANDPIPE)	EA	3	
0496 9002	REMOVE STRUCT (EXIST IRRIG VALVE)	EA	3	
0785 6011	BRIDGE JOINT REPLACEMENT (SEJ)	LF	361	
1007 9001	IRRIG WELL (48") (STANDPIPE)	EA	3	
1007 9002	IRRIG VALVE (14") ALFALFA	EA	3	
1008 6006	PRSSR IRRIG PVC PIPE (15")	LF	388	
7016 6090	CASING (STEEL) (24 IN) (OPEN TRENCH)	LF	258	
0500 6001	MOBILIZATION	LS	1	
0502 6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	23	
0506 6001	ROCK FILTER DAMS (INSTALL) (TY 1)	LF	92	
0506 6004	ROCK FILTER DAMS (INSTALL) (TY 4)	LF	9	
0506 6011	ROCK FILTER DAMS (REMOVE)	LF	101	
0506 6021	CONSTRUCTION EXITS (INSTALL) (TY 2)	SY	1463	
0506 6024	CONSTRUCTION EXITS (REMOVE)	SY	1463	
0506 6031	FRNT END LOADER WORK (ERSN & SEDM CONT)	HR	60	
0506 6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	5147	
0506 6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	5147	
0506 6041	BIODEG EROSN CONT LOGS (INSTL) (12")	LF	1085	
0506 6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	1085	
0508 6001	CONSTRUCTING DETOURS	SY	13064	0.00
0512 6001	PORT CTB (FUR & INST)(SGL SLOPE)(TY 1)	LF	3180	0.00
0512 6009	PORT CTB (FUR & INST)(LOW PROF)(TY 1)	LF	6880	1120.0
0512 6010	PORT CTB (FUR & INST)(LOW PROF)(TY 2)	LF	320	40.00
0512 6025	PORT CTB (MOVE)(SGL SLP)(TY 1)	LF	2130	0.00
0512 6049	PORT CTB (REMOVE)(SGL SLP)(TY 1)	LF	3180	0.00
0512 6057	PORT CTB (REMOVE)(LOW PROF)(TY 1)	LF	6880	1120.00
0512 6058	PORT CTB (REMOVE)(LOW PROF)(TY 2)	LF	320	40.00
0529 6029	CONC CURB & GUTTER (TY A)	LF	26665	
0529 6031	CONC CURB & GUTTER (VALLEY GUTTER) (48")	LF	89	
0530 6004	DRIVEWAYS (CONC)	SY	831	
0530 6005	DRIVEWAYS (ACP)	SY	6225	
0531 6001	CONC SIDEWALKS (4")	SY	16141	
0531 6004	CURB RAMPS (TY 1)	EA	28	
0540 6001	MTL W-BEAM GD FEN (TIM POST)	LF	575	
4024-6002	RC LOW HEAD PRSSR PIPE (CL III)(18")	LF	400	CO #2

CO #1 - Detour Traffic
23rd Street to 10th Street

CO #5 - Detour Traffic
McColl Road to Jackson Road

CO #7 - Detour Traffic and close Dicker
between 10th Street to McColl Road &
Increase Riprap 4" & 5"



DICKER ROAD
ESTIMATE QUANTITY

SHEET 1 OF 2

FED. RD DIST. NO.	CONTRACT	SECT	JOB	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST	COUNTY	PCT	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO
				SHEET NO.
				11a

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ESTIMATE QUANTITY (CONT)

ITEM NO.	DESCRIPTION	UNIT	TOTAL	
			EST	FINAL
0540 6006	MTL BEAM GD FEN TRANS (THRIE-BEAM)	EA	4	CO 1.5 & 7
0540 6015	DRIVEWAY TERMINAL ANCHOR SECTION	EA	2	
0540 6016	DOWNSTREAM ANCHOR TERMINAL SECTION	EA	2	
0542 6001	REMOVE METAL BEAM GUARD FENCE	LF	2801	
0542 6002	REMOVE TERMINAL ANCHOR SECTION	EA	8	
0545 6001	CRASH CUSH ATTEN (INSTL)	EA	10	4.0
0545 6003	CRASH CUSH ATTEN (MOVE & RESET)	EA	4	0.00
0545 6005	CRASH CUSH ATTEN (REMOVE)	EA	10	4.00
0560 6007	MAILBOX INSTALL-S (WC-POST) TY 3	EA	2	
0618 6016	CONDT (PVC) (SCH 40) (1")	LF	806	
0618 6023	CONDT (PVC) (SCH 40) (2")	LF	4965	
0618 6033	CONDT (PVC) (SCH 40) (4")	LF	854	
0618 6034	CONDT (PVC) (SCH 40) (4") (BORE)	LF	213	
0620 6007	ELEC CONDR (NO.8) BARE	LF	1591	
0620 6009	ELEC CONDR (NO.6) BARE	LF	95	
0620 6010	ELEC CONDR (NO.6) INSULATED	LF	190	
0621 6005	TRAY CABLE (4 CONDR) (12 AWG)	LF	1900	
0624 6002	GROUND BOX TY A (122311)W/APRON	EA	52	
0624 6008	GROUND BOX TY C (162911)W/APRON	EA	3	
0625 6002	ZINC COAT STL WIRE STRAND (3/16")	LF	3012	0.00
0628 6301	ELC SRV TY T 120/240 000(NS)GS(L)TS(O)	EA	3	
0644 6027	IN SM RD SN SUP&AM TYS80(1)SA(P)	EA	46	
0644 6030	IN SM RD SN SUP&AM TYS80(1)SA(T)	EA	7	
0644 6033	IN SM RD SN SUP&AM TYS80(1)SA(U)	EA	3	
0644 6038	IN SM RD SN SUP&AM TYS80(1)SA(U-EXAL)	EA	1	
0644 6076	REMOVE SM RD SN SUP&AM	EA	35	
0658 6013	INSTL DEL ASSM (D-SW)SZ (BR)CTB	EA	10	
0658 6061	INSTL DEL ASSM (D-SW)SZ 1 (BRF)GF2	EA	6	
0658 6062	INSTL DEL ASSM (D-SW)SZ 1 (BRF)GF2 (BI)	EA	3	
0662 6004	WK ZN PAV MRK NON-REMOV (W)4"(SLD)	LF	63641	0.00
0662 6017	WK ZN PAV MRK NON-REMOV (W)(ARROW)	EA	3	0.00
0662 6018	WK ZN PAV MRK NON-REMOV (W)(DBL ARW)	EA	0	0.00
0662 6029	WK ZN PAV MRK NON-REMOV (W)(WORD)	EA	3	0.00
0662 6034	WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	LF	76426	0.00
0662 6060	WK ZN PAV MRK REMOV (W)4"(BRK)	LF	150	0.00
0662 6063	WK ZN PAV MRK REMOV (W)4"(SLD)	LF	3500	0.00
0662 6071	WK ZN PAV MRK REMOV (W)8"(SLD)	LF	200	0.00
0662 6075	WK ZN PAV MRK REMOV (W)24"(SLD)	LF	304	0.00
0662 6095	WK ZN PAV MRK REMOV (Y)4"(SLD)	LF	4654	0.00
0666 6030	REFL PAV MRK TY I (W)8"(DOT)(100MIL)	LF	312	
0666 6036	REFL PAV MRK TY I (W)8"(SLD)(100MIL)	LF	1682	
0666 6042	REFL PAV MRK TY I (W)12"(SLD)(100MIL)	LF	2351	
0666 6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	573	
0666 6300	RE PM W/RET REQ TY I (W)4"(BRK)(100MIL)	LF	6450	
0666 6303	RE PM W/RET REQ TY I (W)4"(SLD)(100MIL)	LF	3330	
0666 6312	RE PM W/RET REQ TY I (Y)4"(BRK)(100MIL)	LF	4250	
0666 6315	RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL)	LF	29716	
0668 6005	PREFAB PAV MRK TY B (W)(4")(BRK)CNTST	LF	140	
0668 6077	PREFAB PAV MRK TY C (W) (ARROW)	EA	41	
0668 6085	PREFAB PAV MRK TY C (W) (WORD)	EA	17	
0672 6007	REFL PAV MRKR TY I-C	EA	441	
0672 6009	REFL PAV MRKR TY II-A-A	EA	2967	907.00
0677 6001	ELIM EXT PAV MRK & MRKS (4")	LF	48970	2802.0

ESTIMATE QUANTITY (CONT)

ITEM NO.	DESCRIPTION	UNIT	TOTAL	
			EST	CO 1,5 & 7
0677 6003	ELIM EXT PAV MRK & MRKS (8")	LF	1643	300.00
0677 6005	ELIM EXT PAV MRK & MRKS (12")	LF	568	128.00
0677 6007	ELIM EXT PAV MRK & MRKS (24")	LF	1350	78.0
0677 6008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	28	5.0
0677 6012	ELIM EXT PAV MRK & MRKS (WORD)	EA	16	3.0
0680 6002	INSTALL HWY TRF SIG (ISOLATED)	EA	4	
0680 6004	REMOVING TRAFFIC SIGNALS	EA	4	
0681 6001	TEMP TRAF SIGNALS	EA	4	0.0
0682 6001	VEH SIG SEC (12")LED(GRN)	EA	32	
0682 6002	VEH SIG SEC (12")LED(GRN ARW)	EA	12	
0682 6003	VEH SIG SEC (12")LED(YEL)	EA	32	
0682 6004	VEH SIG SEC (12")LED(YEL ARW)	EA	12	
0682 6005	VEH SIG SEC (12")LED(RED)	EA	32	
0682 6006	VEH SIG SEC (12")LED(RED ARW)	EA	4	
0682 6017	PED SIG SEC (LED)(2 INDICATIONS)	EA	18	0.0
0682 6023	BACK PLATE (12")3 SEC	EA	14	
0682 6025	BACK PLATE (12")5 SEC	EA	4	
0684 6010	TRF SIG CBL (TY A)(12 AWG)(5 CONDR)	LF	7955	
0684 6012	TRF SIG CBL (TY A)(12 AWG)(7 CONDR)	LF	2034	
0684 6080	TRF SIG CBL (TY C)(14 AWG)(2 CONDR)	LF	14364	
0686 6019	INS TRF SIG PL AM (S)STR(TY D)	EA	2	
0686 6020	INS TRF SIG PL AM (S)STR(TY D)LUM	EA	5	
0687 6001	PED POLE ASSEMBLY	EA	21	
0688 6001	PED DETECT PUSH BUTTON (APS)	EA	18	26.0
0688 6003	PED DETECTOR CONTROLLER UNIT	EA	3	4.0
0688 6004	VEH LP DETECT (SAWCUT)	LF	7910	
5088 6001	BIRD EXCLUSION METHOD	SF	29027	
6001 6002	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2	4.0
682-6018	PED SIG SEC(12IN)(LED)COUNTDOWN	EA	0.00	18.0
625-6003	ZINC-COAT STL WIRE STRAND(3/8")	EA	0.00	3222.0

CO 7

CO 7

CO 7

CO 7

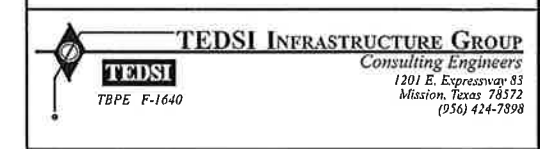
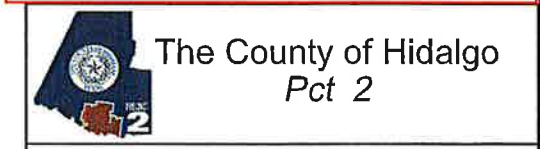
CO 7

CO 7

CO #1 - Detour Traffic
23rd Street to 10th Street

CO #5 - Detour Traffic
McColl Road to Jackson Road

CO #7 - Detour Traffic
10th Street to McColl Road & Ped



DICKER ROAD
ESTIMATE QUANTITY

SHEET 2 OF 2

FED. RD DIV. NO.	CONT	SECT	JOB	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST	COUNTY	PCT	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO
				SHEET NO.
				11ab

DATE: \$DATE\$
FILE: \$FILE\$

REMOVAL SUMMARY

LOCATION	0104 6009 REMOV CONC (RIPRAP) (SY)	0104 6015 REMOVE CONC (SDWLK) (SY)	0104 6017 REMOVE CONC (DRIVEWAYS) (SY)	0104 6022 REMOV CONC (CURB & GUTTER) (LF)	0104 6032 REMOV CONC (WHEELCHAIR RAMP) (SY)	0104 6037 REMOV CONC (RAIL) (LF)	0305 6003 (**) SALV, HAUL & STKPL RCL APH PV (2" TO 4") (SY)	401 6001 FLOWABLE BACKFILL (CY)	0452 2003 REMOVE RAIL (CONC POST & MTL ELEM) (LF)	0496 6003 REMOVE STRUCT (MANHOLE) (EA)	0496 6005 REMOVE STRUC (WINGWALL) (EA)	0496 6007 REMOVE STRUCT (PIPE) (LF)	0542 6001 REMOVING METAL BEAM GUARD FENCE (LF)	0542 6002 REMOVING TERMINAL ANCHOR SECTION (EA)
DICKER ROAD														
REM 1 of 6			303				10164					559		
REM 2 of 6			738				10209	15				438		
REM 3 of 6			188				10512			1		2167		
REM 4 of 6	450					290	9750		290		4	1127	2120	4
REM 5 of 6		35	204	323			11750					453	205	2
REM 6 of 6				1096	122	250	6567		250			305	476	2
TOTAL:	450	35	1433	1419	122	540	58952	15	540	1	4	5049	2801	8

*

CONTRACTOR INFORMATION ONLY (SUBSIDIARY)

**

SURPLUS MATERIAL TO BE HAULED OFF, TO PCT 2 FIELD OPERATIONS OFFICE, 4011 S. VETERANS BLVD, SAN JUAN, TX 78589
ITEM 305 SHOWN ON THIS TABLE FOR INFORMATION ONLY, IT IS QUANTIFY ON ROADWAY SUMMARY

CO #7 - Remove the Cement Stabilized Backfill requirement over irrigation crossings. The revised Traffic Control Plan detoured traffic around construction eliminating the need to stabilized backfill irrigation crossings.

An Irrigation well with two gates was replaced, but did not include two gates. CO #7 will provide two well gates to replace the existing 15" & 24" gates.

Add Two new items:

1007-6013 Irrigation Gate(15") Ea 1
1007-6006 Irrigation Gate(24") Ea 1

IRRIGATION SUMMARY

LOCATION	CO #7												
	* 400 6001 STRUCT EXCAV (CY)	400 6005 CEM STABIL BKFL (CY)	400 6010 STRUCT EXCAV (SPECIAL) (CY)	402 6001 TRENCH EXCAVATION PROTECTION (LF)	432 6001 RIPRAP (CONC) (4") (CY)	464 6025 RC PIPE (CL V) (18 IN) (LF)	496 9001 REMOVE STRUCT (EXIST STANDPIPE) (EA)	496 9002 REMOVE STRUCT (EXIST IRRIG VALVE) (EA)	496 6007 REMOVE STRUCT PIPE (LF)	1007 9001 IRRIG WELL (48") (STANDPIPE) (EA)	1007 9002 IRRIG VALVE (14") ALFALFA (EA)	1008 6006 PRSSR IRRIG PVC PIPE (15") (LF)	7016 6090 CASING STEEL (OPEN TRENCH) (24") (LF)
DICKER ROAD IRRIGATION													
IRRIG. SHEET 1 OF 5	148	148.0	41	206	2	200			200				
IRRIG. SHEET 2 OF 5	148	45.83	41	206	2	200			200				
IRRIG. SHEET 3 OF 5	116	23	20	135			1	130		1	117	86	
IRRIG. SHEET 4 OF 5	104	25	22	147			1	140		1	140	86	
IRRIG. SHEET 5 OF 5	112	23	16	126			1	122	1	1	122	86	
PROJECT TOTAL	628	216.83	140	820	4	400	1	3	792	1	3	379	258

* FOR CONTRACTOR INFORMATION ONLY
CUT AND RESTORING PAVEMENT FOR IRRIGATION INCLUDED ON TCP SUMMARY

REVISED 2/27/2019



The County of Hidalgo
Pct 2



Texas Department of Transportation



DICKER ROAD
REMOVAL & IRRIGATION
SUMMARY

SHEET 1 OF 1

FED. RD DIV. NO.	CONT.	SECT.	JOB	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	13a

SUMMARY OF TRAFFIC CONTROL PLAN

SHEET	400 6008	0502 6001	0508 6001	0512 6001	0512 6009	0512 6010	0512 6025	0512 6049	0512 6057	0512 6058	0545 6001	0545 6003	0545 6005	0662 6004	0662 6017	0662 6018	0662 6029	0662 6034
	CUT & REST ASPH PAV SY	BARRIC. SIGNS AND TRAFFIC HANDLING MO	CONSTR DETOURS SY	PORT CTB (FUR & INST) (SNGL SLP) (TY 1) LF	PORT CTB (FUR & INST) (LOW PROF) (TY 1) LF	PORT CTB (FUR & INST) (LOW PROF) (TY 2) LF	PORT CTB (MOVE) (SNGL SLP) (TY 1) LF	PORT CTB (REMOVE) (SNGL SLP) (TY 1) LF	PORT CTB (REMOVE) (LOW PROF) (TY 1) LF	PORT CTB (REMOVE) (LOW PROF) (TY 2) LF	CRASH CUSH ATTEN (INSTAL) EA	CRASH CUSH ATTEN (MOV&RESET) EA	CRASH CUSH ATTEN (REMOVE) EA	WK ZN PAV MRK NON-REMOV (W) 4" (SLD) LF	WK ZN PAV MRK NON-REMOV (W) (ARROW) EA	WK ZN PAV MRK NON-REMOV (W) (DBL ARROW) EA	WK ZN PAV MRK NON-REMOV (W) (WORD) EA	WK ZN PAV MRK NON-REMOV (Y) 4" (SLD) LF
PHASE I																		
1 OF 6	49		0.0											0.0				0.0
2 OF 6	70		0.0											0.0				0.0
3 OF 6	29.0		0.0	0.0							0.0			0.0				0.0
4 OF 6	0.0		0.0	0.0	1120.0	40.0					0.0			0.0				0.0
5 OF 6	0.0		0.0	0.0							0.0			0.0				0.0
6 OF 6	0.0		0.0	0.0							0.0			0.0	0.0		0.0	0.0
TOTAL PH I	148.0		0.0	0.0	1120.0	40.0	0	0	0	0	0.0	0	0	0.0	0.0	0	0.0	0.0
PHASE II																		
1 OF 6				0.0	0.0						0.0	0.0		0.0				0.0
2 OF 6	141			0.0	0.0									0.0				0.0
3 OF 6	0.0			0.0	0.0	0.0	0.0				0.0	0.0		0.0				0.0
4 OF 6				0.0	0.0	0.0	0.0				0.0	0.0		0.0				0.0
5 OF 6	0.0			0.0	0.0	0.0	0.0				0.0	0.0		0.0				0.0
6 OF 6	0.0			0.0	0.0	0.0	0.0				0.0	0.0		0.0	0.0		0.0	0.0
TOTAL PH II	141.0		0	0.0	0.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
PHASE III																		
1 OF 6									0.0	0.0				0.0				0.0
2 OF 6									0.0	0.0				0.0				0.0
3 OF 6								0.0	0.0	0.0			0.0	0.0				0.0
4 OF 6								0.0	1120.0	40.0			0.0	0.0				0.0
5 OF 6								0.0	0.0	0.0			0.0	0.0				0.0
6 OF 6								0.0	0.0	0.0			0.0	0.0	0.0		0.0	0.0
TOTAL PH III	0	0	0	0	0	0	0	0.0	0.0	0.0	0	0	0.0	0.0	0	0.0	0.0	0.0
TOTAL	289.0	0.0	0.0	0.0	1120.0	40.0	0.0	0.0	1120.0	40.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0

SUMMARY OF TRAFFIC CONTROL PLAN (CONT)

SHEET	0662 6060	0662 6063	0662 6071	0662 6075	0662 6095	0672 6009	0677 6001	0677 6003	0677 6005	0677 6007	0677 6008	0677 6012	6001 6002
	WK ZN PAV MRK REMOV(W) 4"(BRK) LF	WK ZN PAV MRK REMOV(W) 4"(SLD) LF	WK ZN PAV MRK REMOV(W) 8"(SLD) LF	WK ZN PAV MRK REMOV (W) 24" (SLD) LF	WK ZN PAV MRK REMOV (Y) 4" (SLD) LF	REFL PAV MRKR TY II A-A EA	ELIM EXT MRK & MRKS (4") LF	ELIM EXT MRK & MRKS (8") LF	ELIM EXT MRK & MRKS (12") LF	ELIM EXT MRK&MRKS 24" LF	ELIM EXT PAV MRK & MRKS (ARROW) EA	ELIM EXT PAV MRK & MRKS (WORD) EA	PORT. CHANG. MESSAGE SIGN EA
PHASE I													
1 OF 6				0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2 OF 6				0.0		0.0	0.0						
3 OF 6				0.0		0.0	0.0	0.0			0.0	0.0	
4 OF 6		0.0			0.0	0.0	0.0						
5 OF 6				0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6 OF 6		0.0	0.0	0.0	0.0	0.0	137.0	100.0	128.0	34.0	4.0	2.0	
TOTAL PH I	0.0	0.0	0.0	0.0	0.0	0.0	137.0	100.0	128.0	34.0	4.0	2.0	
PHASE II													
1 OF 6				0.0		0.0	0.0			0.0		0.0	
2 OF 6				0.0		0.0	0.0						
3 OF 6				0.0		0.0	0.0						
4 OF 6		0.0			0.0	0.0	0.0						
5 OF 6				0.0		0.0	0.0						
6 OF 6	0.0	0.0	0.0	0.0	0.0	0.0	100		12.0	1	1		
TOTAL PH II	0.0	0.0	0.0	0.0	0.0	0.0	100	0	12.0	1	1.0		
PHASE III													
1 OF 6				0.0		0.0							1.0
2 OF 6				0.0		0.0							1.0
3 OF 6				0.0		0.0							
4 OF 6		0.0			0.0	0.0	0.0						
5 OF 6				0.0		0.0							
6 OF 6	0.0	0.0	0.0	0.0	0.0	0.0	1729	100		32.0	0.0	0.0	
TOTAL PH III	0.0	0.0	0.0	0.0	0.0	0.0	1729.0	100	0	32.0	0.0	0.0	4.0
TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	2802.0	300.0	128.0	78.0	5.0	3.0	4.0

CO #1 - Detour Traffic
23rd Street to 10th Street
Phase I, II, III - Sheets 1 & 2

CO #5 - Detour Traffic
McColl Road to Jackson Road
Phase I, II, III - Sheets 5 & 6

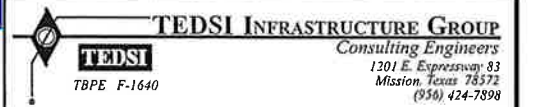
CO #7 - Detour Traffic
10th Street to McColl Road



The County of Hidalgo
Pct 2



Texas Department of Transportation



DICKER ROAD
TCP SUMMARY

SHEET 1 OF 1

FED. RD DIST. NO.	CONT.	SECT.	JOB	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST	COUNTY	PCT	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO
				SHEET NO.
				20a

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**CO #1 - Detour Traffic
23rd Street to 10th Street**

CO #1 - Phase I Step I (Construct Dicker Rd between 23rd to 10th Street)
 Detour traffic around Dicker Road starting at Stations 11+11 (23rd Street) and ending at 58+00 (10th Street) to construct this section without phasing. Use signing and signals to detour Dicker Road traffic north to Spur 115 or south to Las Milpas Road. This section has no residents, and only two business at 23rd Street, with access. They will be allowed access from Dicker Road during construction, if required.

**CO #5 - Detour Traffic
McCull Road to Jackson Road**

CO #5 - Phase III Step I (Construct Dicker Road between McColl Road to Jackson Road)
 Detour traffic around Dicker Road starting at Stations 115+50 (McCull Road) and ending at 145+00 (Jackson Road) to construct this section without phasing. Use signing and signals to detour Dicker Road traffic north to Tomas Road or south to Las Milpas Road. This section has Walmart, the one business on the east end at Jackson Road and Valley View School on the west end, with access. They will be allowed access from Dicker Road during construction, when required.

**CO #7 - Detour Traffic
10th Street to McColl Road**

CO #7 - Phase II Step I (Construct Dicker Road between 10th Street to McColl Road)
 Detour traffic around Dicker Road starting at Stations 58+00(10th Street) and ending at 115+50 (McCull Road) to construct this section without phasing. Use signing to detour Dicker Road traffic south to Military Hwy. This section has a few businesses on the west end, with access. Businesses will be allowed to access private properties using Dicker Road during construction, when required.

THE CONTRACTOR MAY SUBMIT A SIGNED AND SEALED ALTERNATE CONSTRUCTION SEQUENCE AND TRAFFIC CONTROL PLAN TO ENGINEER FOR CONSIDERATION OTHERWISE, MUST FOLLOW TCP CONSTRUCTION PHASES AS SHOWN ON TCP PLANS.

IN ADDITION TO THE GENERAL NOTES REQUIREMENTS, THE FOLLOWING PROVISIONS GOVERN THIS CONTRACT.

SEQUENCE OF CONSTRUCTION.

CONSTRUCT THE DICKER ROAD IMPROVEMENTS IN FOUR (4) MAIN PHASES AS NOTED IN THIS NARRATIVE.

INSTALL PROJECT LIMIT AND ADVANCE WARNING SIGNS. INSTALL CROSSROAD BARRICADES/SIGNS, AS SHOWN ON THE TRAFFIC CONTROL PLANS (TCP) ALL IN ACCORDANCE WITH THE (TMUTCD) AND/OR AS DIRECTED BY THE ENGINEER. THESE SIGNS SHALL BE ERECTED AND PLACED PRIOR TO COMMENCING ANY PROPOSED ROADWAY CONSTRUCTION AND SHALL REMAIN IN PLACE FOR THE DURATION OF THE PROJECT AND UNTIL FINAL ACCEPTANCE OF THE PROJECT BY OWNER.

CLOSURE HOURS ARE DEFINED AS FOLLOWS:

- a. OFF-PEAK - 9 AM TO 3 PM MONDAY THRU FRIDAY
- b. PEAK - 5 AM TO 9 AM AND 3 PM TO 10 PM MONDAY THRU FRIDAY
- c. NIGHT TIME HOURS - 10 PM TO 5 AM MONDAY THRU FRIDAY
- d. WEEKEND HOURS - 10 PM FRIDAY TO 5 AM MONDAY.

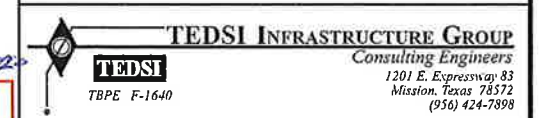
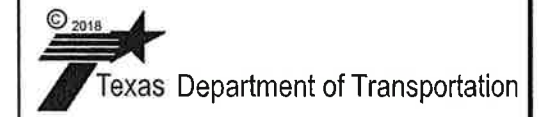
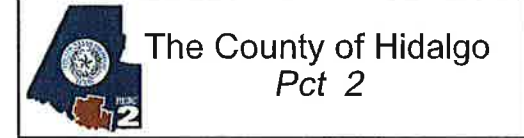
CHANGEABLE MESSAGE BOARDS TO BE PLACED TO NOTIFY TRAVELING PUBLIC ON PLANED CLOSURE DATE OR MOVEMENTS RESTRICTIONS 5 WORKING DAYS IN ADVANCE OF APPROVED DATE.

PHASE I - STEP 1 CONSTRUCT IRRIGATION CROSSINGS:

1. PRIOR TO THE BEGINNING OF THIS STEP, ADVANCE WARING SIGNS MUST BE INSTALLED.
2. CONSTRUCT IRRIGATION CROSSINGS UTILIZING TXDOT TCP LATEST STANDARDS (TCP 2-1 THRU TCP 2-7). ALL IRRIGATION CROSSINGS TO BE COMPLETED ON THIS PHASE.
3. CONSTRUCTION OF IRRIGATION CROSSINGS SHALL BE DONE DURING: OFF-PEAK HOURS, AT NIGHT TIME HOURS OR DURING WEEKEND HOURS AFTER PREVIOUS COORDINATION WITH HCWID No 3 AND HCID No 2 REPRESENTATIVES.
4. CONSTRUCT HCWID No 3 LATERAL DRAIN EQUALIZER @ STA 26+92.19 AS SHOWN IN CULVERT LAYOUT No 1.
5. CONSTRUCT HCWID No 3 IRRIGATION CROSSING EQUALIZERS @ STA 43+64 AND STA 50+50 AS SHOWN IN IRRIGATION LAYOUTS 1 AND 2.
6. CONSTRUCT HCID No 2 IRRIGATION CROSSING @ STA 102+05, STA 116+21 AND STA 132+41 AS SHOWN IN IRRIGATION LAYOUTS 3, 4 AND 5.

PHASE I - CONSTRUCTING DETOURS AND NORTH SIDE BRIDGE WIDENING:

1. PRIOR TO THE BEGINNING OF THIS PHASE, HAVE TRAFFIC CONTROL DEVICES, STRIPING AND SW3P ITEMS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER, IN PLACE. CONSTRUCTION WORK WILL NOT BEGIN UNTIL THE ENGINEER GIVES APPROVAL.
2. PLACE TRAFFIC ON SOUTH SIDE AS SHOWN IN TCP PLANS.
3. EXTEND EXISTING 24" RCP CULVERT CROSSING WITH S.E.T. AT STA 11+30 FOR ROADSIDE DITCHES DRAIN ON SPUR 115 (23RD ST), REGRADE EXISTING DITCHES IF NECESSARY TO MAINTAIN DRAINAGE PATTERNS AND REMOVE ANY DEBRIS.
4. CONSTRUCT SYSTEM A OUTFALL 30" RCP FROM STA 23+60 TO CONNECTION AT OUTFALL A AS SHOWN IN PLANS, THIS SYSTEM WILL BE USED TO DRAIN DURING PHASE I CONSTRUCTION. BUILD LATERAL UP TO THE PROPOSED CL AND PLUG IT.
5. CONSTRUCT SYSTEM B OUTFALL FROM STA 79+32 TO STA 86+60 AS NECESSARY TO MAINTAIN POSITIVE DRAINAGE THROUGHOUT ALL PHASES OF CONSTRUCTION. REGRADE DITCHES TO MAINTAIN EXISTING DRAINAGE PATTERNS AND REMOVE, RELAY OR EXTEND EXISTING DRAINAGE LINES AND STRUCTURES AS NEEDED, THIS WORK WILL BE CONSIDER INCIDENTAL TO OTHERS ITEMS. BUILD LATERAL UP TO THE PROPOSED CL AND PLUG IT.
6. CONSTRUCT NORTH SIDE EXTENSION OF EXISTING CULVERT CROSSINGS AT STA 86+89.34 AND STA 89+93.93, INSTALL SW3P SEDIMENT CONTROL DEVICES AS SHOWN ON PLANS.
7. CONSTRUCT SYSTEM B OUTFALL 6'x6' CONCRETE BOX FROM STA 79+30 TO CONNECTION AT OUTFALL B AS SHOWN IN PLANS, THIS SYSTEM WILL BE USED TO DRAIN DURING PHASE I CONSTRUCTION. BUILT LATERAL UP TO THE PROPOSED CL AND PLUG IT.
8. CONSTRUCT NORTH SIDE OF PROPOSED EMBANKMENT TO ITS FINAL ELEVATION FROM STA 81+00 TO STA 95+00 AS SHOWN ON TYPICAL SECTION DETAIL "A" WITH 1.5" ACP TY D (FOR EROSION PROTECTION) AND 6" LIME TREATED FLEXIBLE BASE TY E GRADE 4, PROTECT SLOPE WITH FINAL 4" CONCRETE RIPRAP.
9. CONSTRUCT SYSTEM C OUTFALL RCP FROM STA 125+30 TO CONNECTION AT OUTFALL C AS SHOWN IN PLANS, THIS SYSTEM WILL BE USED TO DRAIN DURING PHASE I CONSTRUCTION. BUILT LATERAL UP TO THE PROPOSED CL AND PLUG IT.
10. CONSTRUCT DETOURS ON NORTH SIDE OF DICKER ROAD AS SHOWN ON PLANS, (SEE DETOUR PAVEMENT STRUCTURE).
11. CONSTRUCT NORTH SIDE WIDENING OF PROPOSED BRIDGES AS SHOWN ON PLANS. NORTH SIDE BRIDGE JOINT REPLACEMENT (SEJ) TO BE DONE IN THIS PHASE. KEEP (1) TWO-WAY SURFACE ROADWAY LANES (MIN 11 FT LANES) FOR THRU TRAFFIC ALL THE TIME UNLESS OTHERWISE APPROVED BY ENGINEER.
12. CONSTRUCT NORTH SIDE WIDENING OF DICKER ROAD FROM STA 145+75.66 TO STA 149+33.69 (END INCIDENTAL WORK) INCLUDING PAVEMENT (EXCEPT 1.5" FINAL ACP LIFT SURFACE COURSE), CONCRETE CURB AND GUTTER, SIDEWALK AND DRIVEWAYS.

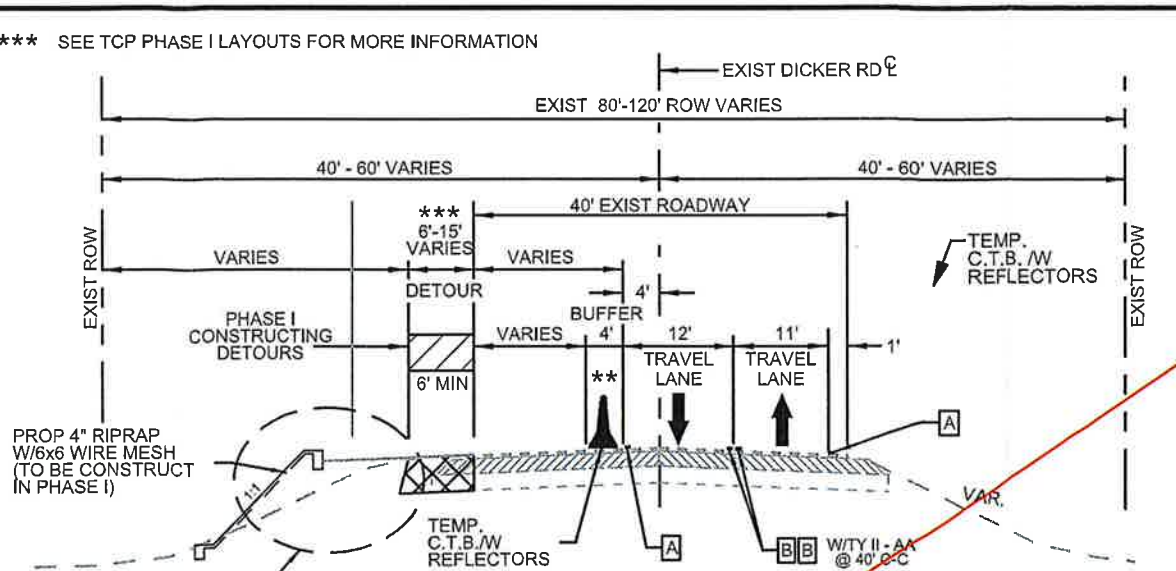
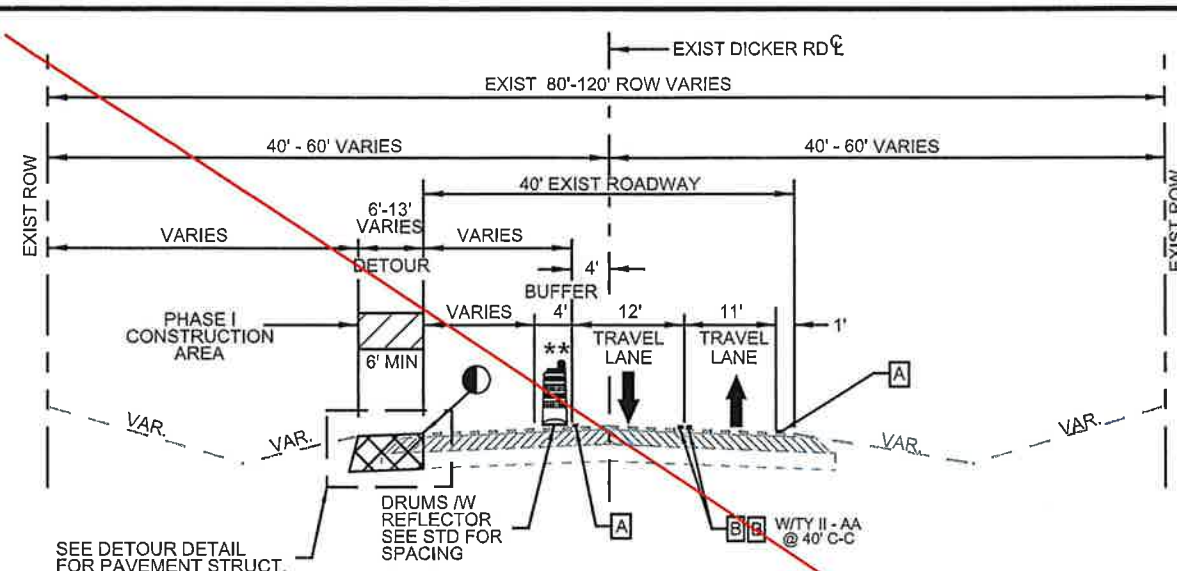


**DICKER ROAD
SEQUENCE OF CONSTRUCTION**

SHEET 1 OF 2

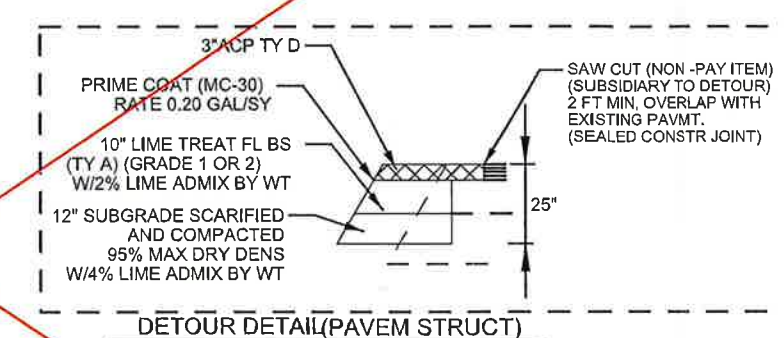
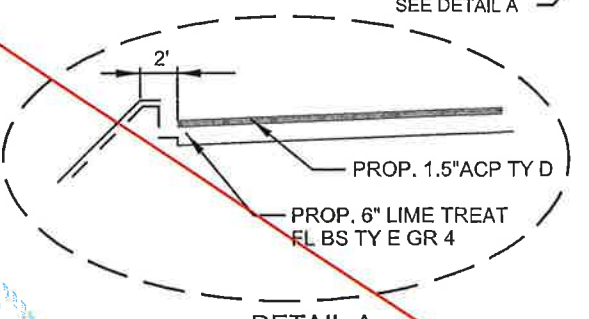
FED. RD DIST. NO.	CONT.	SECT.	JOB	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST	COUNTY	PCT	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	27a

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**DICKER ROAD
CONSTRUCTING DETOURS
PHASE I TYPICAL SECTION**

STATIONS LIMITS	OFFSET FROM PGL TO EDGE OF DETOUR
FROM STA 11+11 TO STA 57+17	18 FT (MIN 18)
FROM STA 58+02 TO STA 81+00	18 FT (MIN 18)
FROM STA 85+00 TO STA 114+31	18 FT
FROM STA 115+05 TO STA 133+01	18 FT
FROM STA 140+00 TO STA 144+32	26 FT TO 11 FT

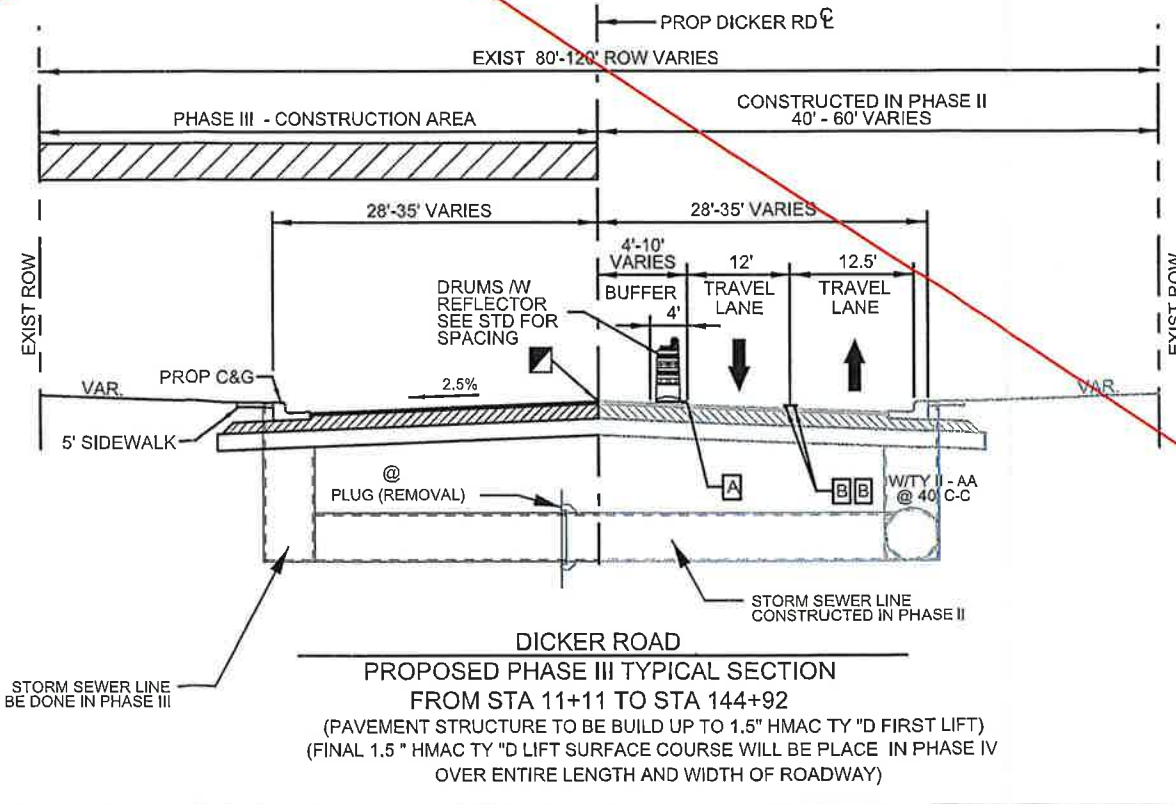
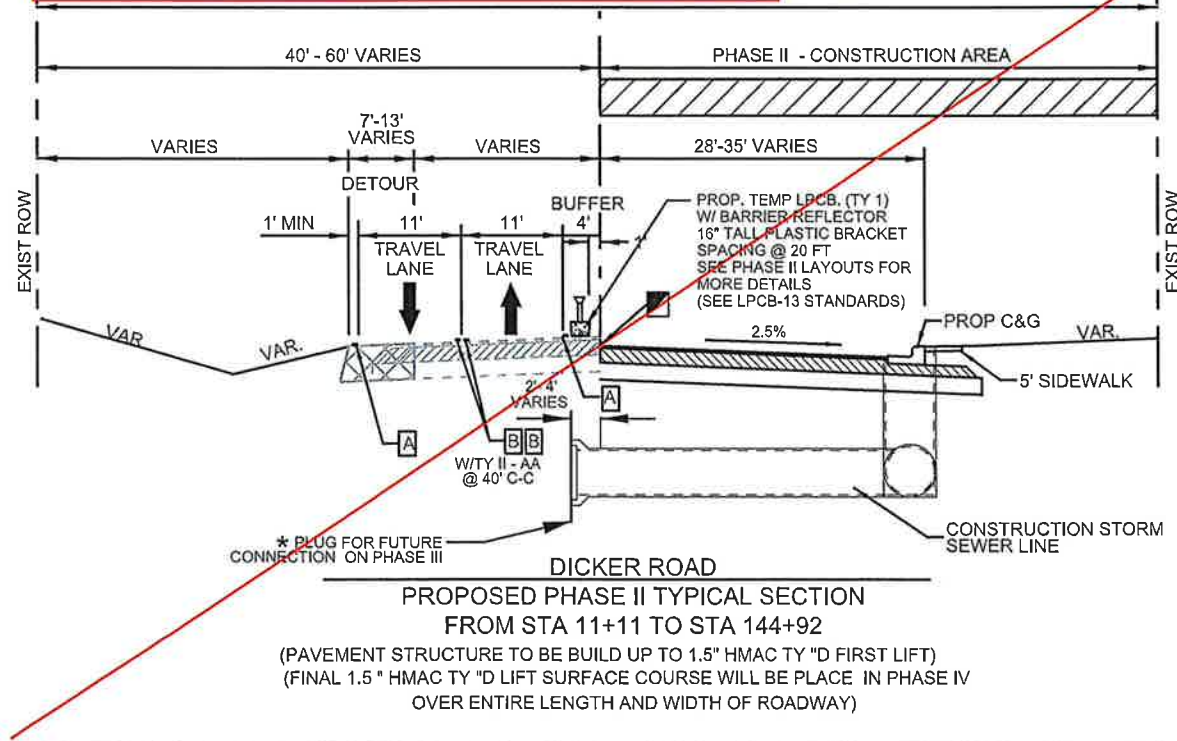
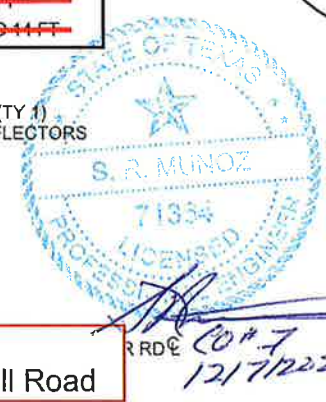


LEGEND

[Hatched Box]	CONSTRUCTION AREA
[Cross-hatched Box]	DETOUR
[A]	WORK ZONE PVMT MARK (NON-REM) 4" WHITE SOLID
[B]	WORK ZONE PVMT MARK (NON-REM) 4" YELLOW SOLID
[C]	WORK ZONE PVMT MARK (REM) 4" WHITE SOLID
[D]	WORK ZONE PVMT MARK (REM) WHITE 4" (DOT)
[E]	WORK ZONE PVMT MARK (REM) 4" YELLOW SOLID
[F]	WORK ZONE PVMT MARK (REM) 4" YELLOW (DOT)
[G]	WORK ZONE PVMT MARK (NON-REM) 24" WHITE SOLID
[H]	WORK ZONE PVMT MARK (NON-REM) 8" WHITE SOLID
[Square with Diagonal]	DROP OFFS GREATER THAN OR EQUAL TO 2" MUST BE PROTECTED BY A 3:1 OR FLATTER SLOPE WHEN NO ROAD WORK IS BEING DONE IN THE IMMEDIATE AREA. (EDGE COND I)
[Square with Dots]	DROP OFFS GREATER THAN 24" MUST BE PROTECTED WITH LOW PROFILE CONC BARRIER (TY 1 & 2) W/ BARRIER REFLECTOR
[Circle with Arrow]	MATCH EXISTING/ADJACENT CROSS SLOPE AND ELEVATION
[Open Arrow]	EXISTING TRAFFIC DIRECTION
[Filled Arrow]	PROPOSED TRAFFIC DIRECTION

- NOTES:**
- 1- STORM SEWER LATERALS SHALL BE INSTALLED AS PER PHASE II LAYOUTS AND PLUGGED AS NECESSARY FOR FUTURE CONNECTION IN PHASE III.
 - 2- PLUG IS NOT A BID ITEM SHALL BE SUBSIDIARY TO ITEMS 464.
 - 3- STORM LATERALS SHALL BE INSTALLED AS PER PHASE III LAYOUTS, UNPLUG AND COMPLETE LATERALS AS INDICATED.
 - 4- REMOVAL OF PLUG IS NOT A BID ITEM SHALL BE SUBSIDIARY TO ITEMS 464.

- ** NOTE: IN PHASE I FROM STA 81+00 TO STA 98+10 AND FROM STA 129+00 TO STA 133+20 PORT C.T.B.(SGL SLP)(TY 1) W/REFLECTORS WILL BE USE IN LIEU OF DRUMS W/ REFLECTORS (SEE TCP PHASE I LAYOUTS FOR MORE DETAILS)
- CO #1 - Detour Traffic
23rd Street to 10th Street
 - CO #5 - Detour Traffic
McColl Road to Jackson Road
 - CO #7 - Detour Traffic
Close Dicker between 10th Street to McColl Road



The County of Hidalgo
Pct 2

Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78372
(956) 424-7898

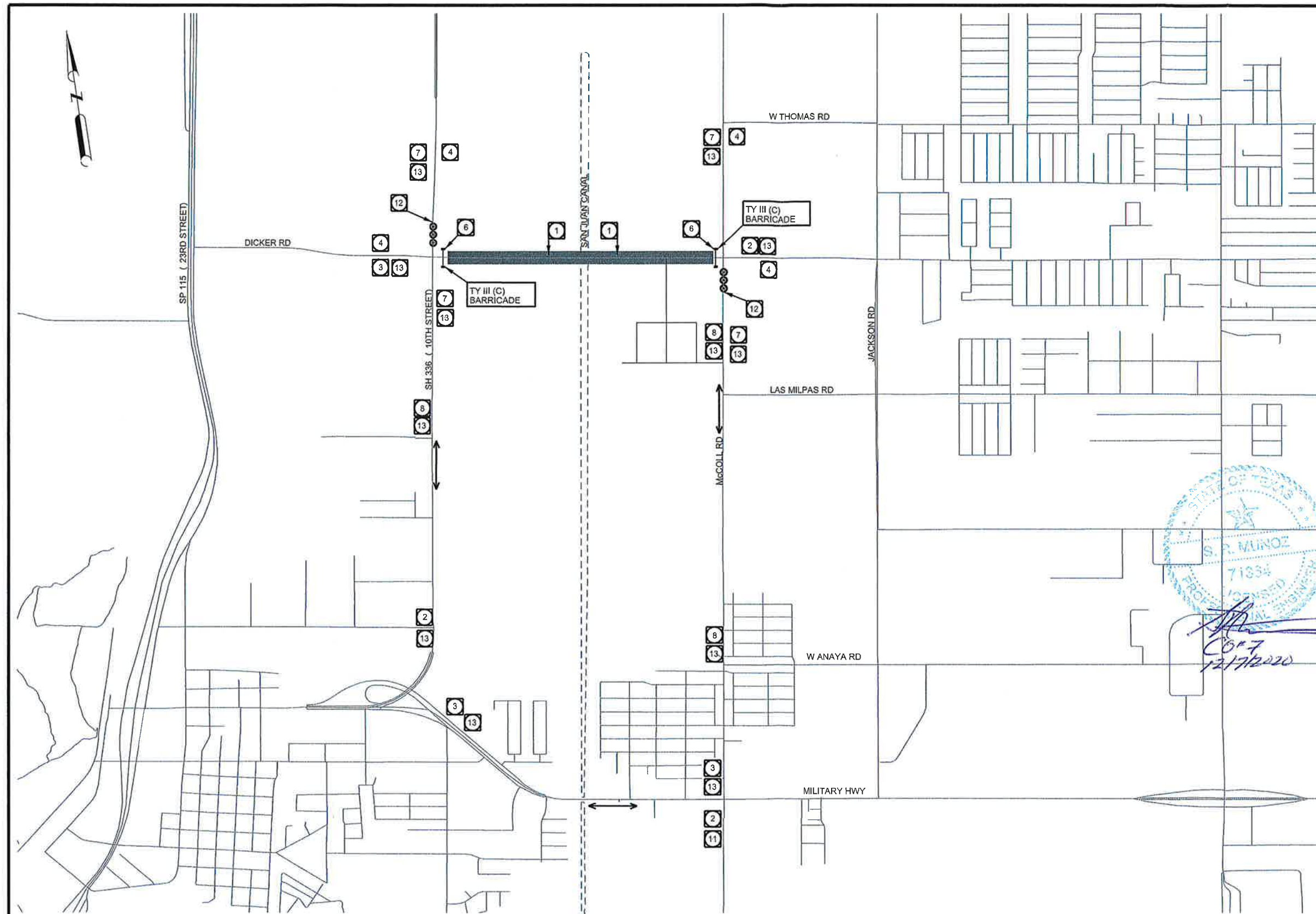
**DICKER ROAD
TRAFFIC CONTROL PLAN
PROPOSED TYPICAL SECTION
PHASE I,
PHASE II AND PHASE III**

SCALE: 1" = 20'

FED. RD. DIV. NO.	CONT.	SECT.	JOB	ROADWAY
06	0921	02	312	DICKER ROAD
STATE	DIST.	COUNTY	PCT.	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO

SHEET 1 OF 1
29a

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LEGEND

- TY 3 BARRICADE
- DIRECTION OF TRAFFIC FLOW
- BARREL
- TRAFFIC BARRELS
- CONSTRUCTION AREA
- DETOUR ROUTE

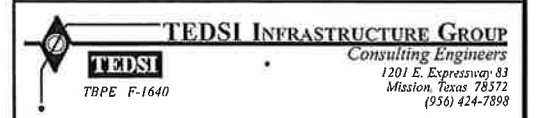
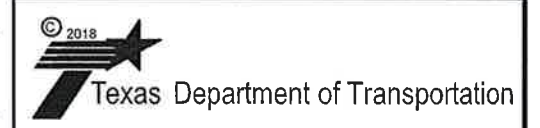
NOTES:

1. CONTRACTOR TO COORDINATE WITH CAR LOT BUSINESSES NEAR 10TH ST AND DRIVE THRU STORE OWNER NEAR McCOLL FOR ACCESS DURING CONSTRUCTION.
2. McCOLL AND 10TH STREET WILL HAVE ROAD CLOSED TO THRU TRAFFIC AT EACH INTERSECTION, WITH HARD ROAD CLOSURES AS SHOWN HEREIN.
3. MESSAGE BOARDS WILL BE USED A WEEK IN ADVANCE PRIOR TO CLOSING EITHER McCOLL OR JACKSON ROAD.

**CO #7 - Close Dicker Road
Detour Traffic Around Dicker
Road Between McColl and 10th
Street to Accelerate Construction.**



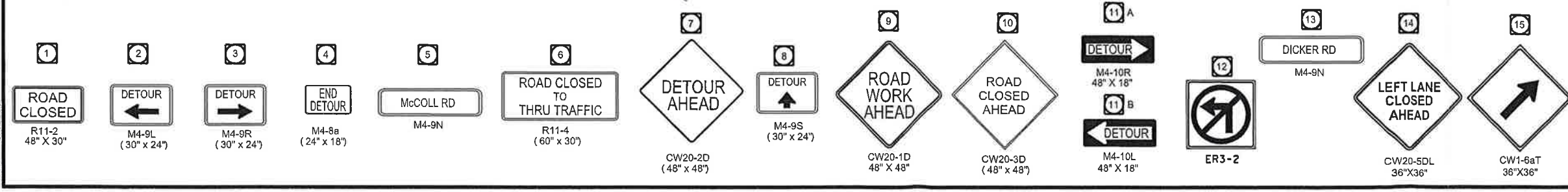
The County of Hidalgo
Pct 2



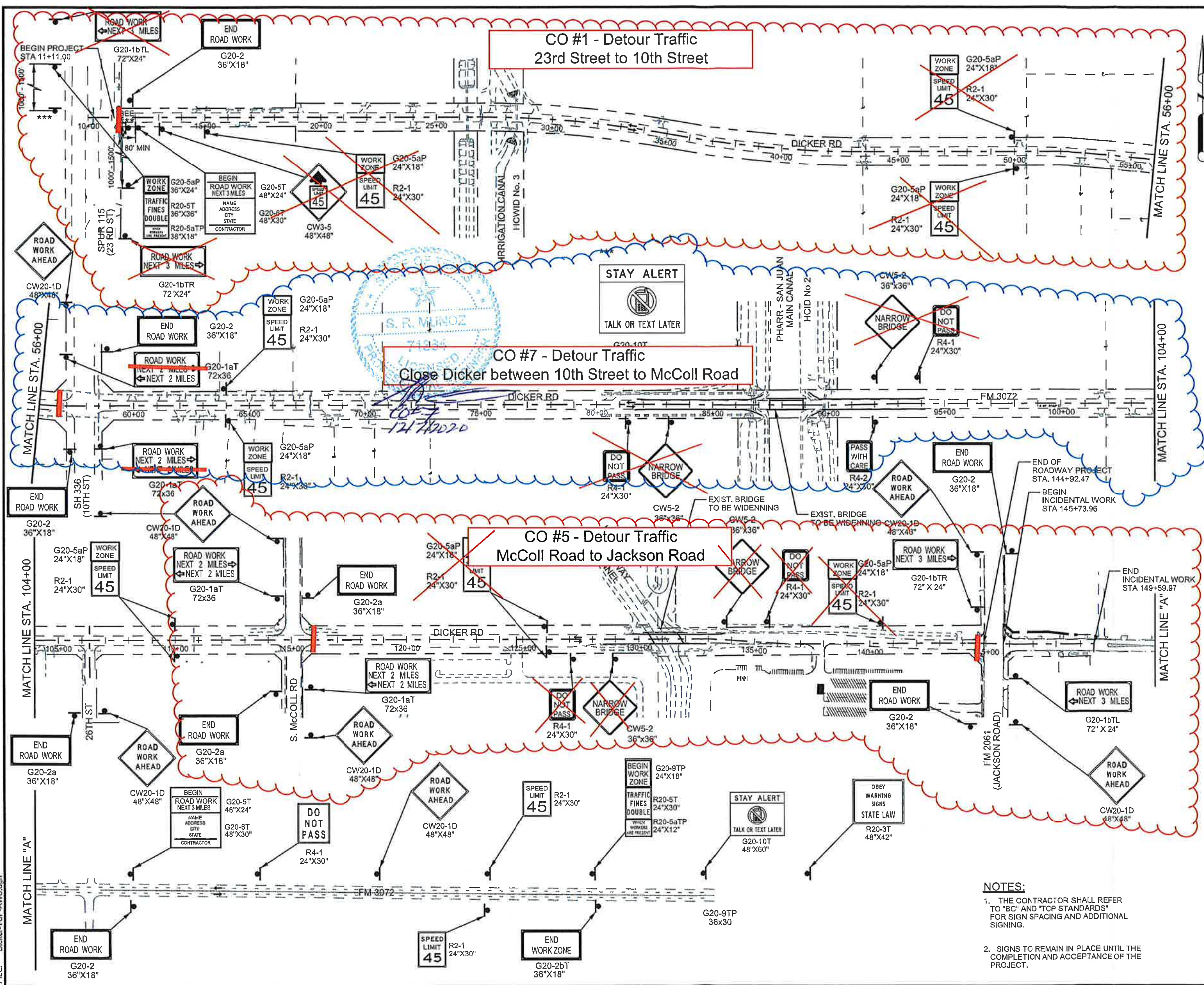
**DICKER ROAD
TRAFFIC CONTROL PLAN
McCOLL RD TO 10TH ST (SH 336)**

N.T.S.					SHEET 1 OF 1	
FED. RD. DIV. NO.	CONTRACT	SECTION	JOB	HIGHWAY		
06	0921	02	312	DICKER ROAD		
STATE	DIST	COUNTY	PCT	CITY	SHEET NO.	
TEXAS	PHR	HIDALGO	No 2	HIDALGO	32c	

DATE: 11/2/2020
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CO #1 - Detour Traffic
 23rd Street to 10th Street

CO #7 - Detour Traffic
 Close Dicker between 10th Street to McColl Road

CO #5 - Detour Traffic
 McColl Road to Jackson Road

LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PVMT MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PVMT MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PVMT MARK (REM) 4" WHITE SOLID
	WORK ZONE PVMT MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PVMT MARK (REM) 4" YELLOW SOLID
	WORK ZONE PVMT MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PVMT MARK (REM) 24" WHITE SOLID
	WORK ZONE PVMT MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONC TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCB-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOV)
R	(REMOV)

ROBERTO FINA CARRAL DATE 4/25/2018

The County of Hidalgo
 Pct 2

Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78132
 (956) 424-7898

DICKER ROAD
 TRAFFIC CONTROL PLAN
 ADVANCE WARNING SIGNS LAYOUT

SCALE: 1" = 400'

SHEET 1 OF 1

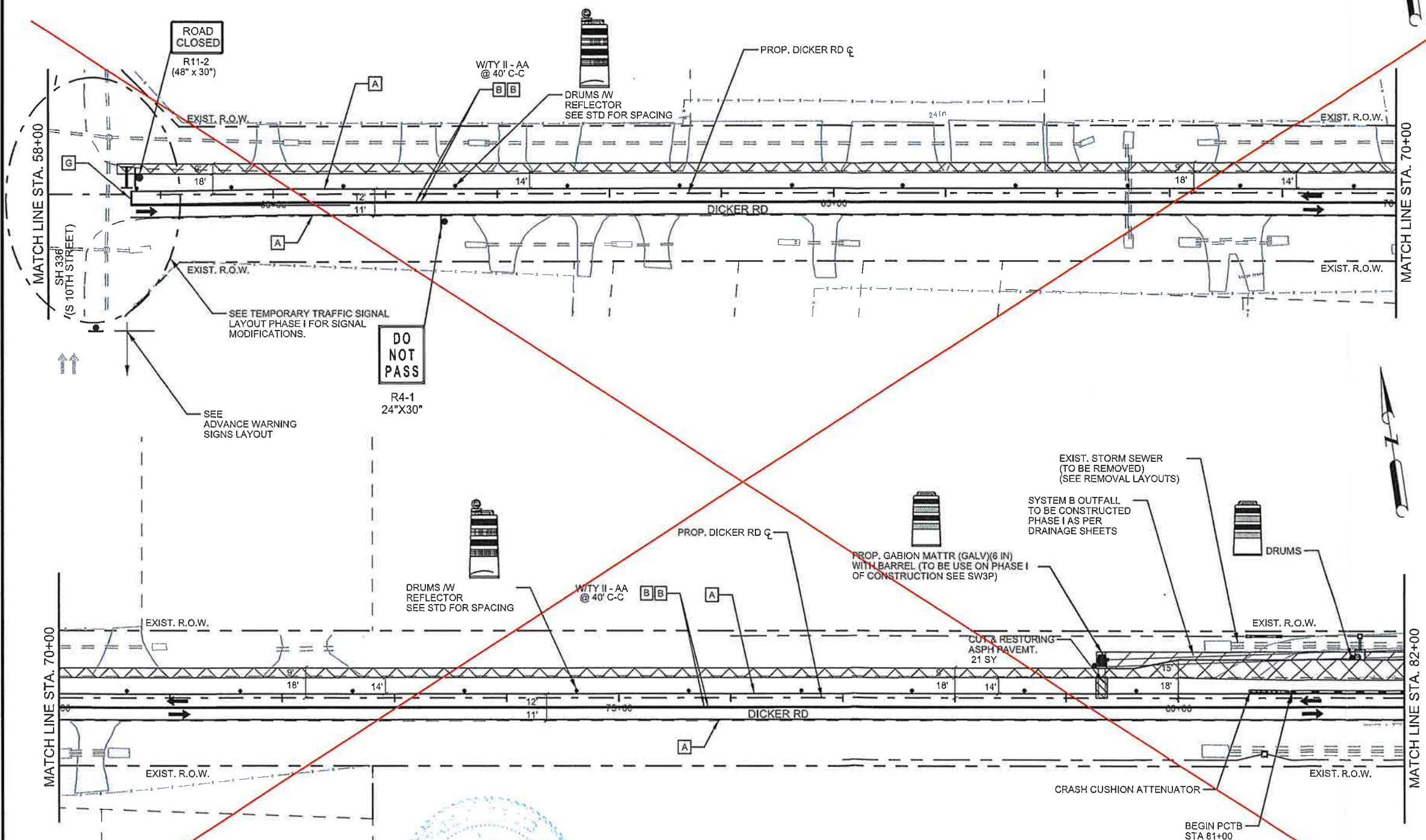
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06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	33a

- NOTES:**
- THE CONTRACTOR SHALL REFER TO "BC" AND "TCP STANDARDS" FOR SIGN SPACING AND ADDITIONAL SIGNING.
 - SIGNS TO REMAIN IN PLACE UNTIL THE COMPLETION AND ACCEPTANCE OF THE PROJECT.

SHEET SUMMARY

STATION LIMITS	ITEM 400 CUT & REST ASPH PAV (SY)	ITEM 508 CONSTRUCTING DETOURS (SY)	ITEM 512 PORT CTB (FUR & INST) (SNGL SLP) (TY 1) (LF)	ITEM 545 CRASH CUSH ATTEN (INSTALL) (EA)	PAVEMENT MARKINGS (ITEM 662)								ITEM 672 REFL PAV MRKR TY II A-A (EA)	ITEM 677 ELIMINATING EXISTING PAVEMENT MARKINGS					
					NON REMOVABLE				REMOVABLE					4" PAV/MT MARKINGS (LF)	8" PAV/MT MARKINGS (LF)	12" PAV/MT MARKINGS (LF)	24" PAV/MT MARKINGS (LF)	WORD (EA)	ARROW (EA)
					4" YELLOW SOLID (LF)	4" WHITE SOLID (LF)	24" WHITE SOLID (LF)	WORD (EA)	DBL ARROW (EA)	4" YELLOW SOLID (LF)	4" WHITE SOLID (LF)	8" WHITE (SOLID) (LF)							
58+00 TO 82+00	21	2477	100	1	4840	4840						12	116	5360	140		1	2	

LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PVTM MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PVTM MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PVTM MARK (REM) 4" WHITE SOLID
	WORK ZONE PVTM MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PVTM MARK (REM) 4" YELLOW SOLID
	WORK ZONE PVTM MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PVTM MARK (REM) 24" WHITE SOLID
	WORK ZONE PVTM MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONG TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCB-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOV)
R	(REMOV)



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Pct 2

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Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(956) 424-7898

DICKER ROAD
TCP PHASE I
STA. 58+00 TO STA. 82+00

SCALE: 1" = 100'

SHEET 3 OF 6

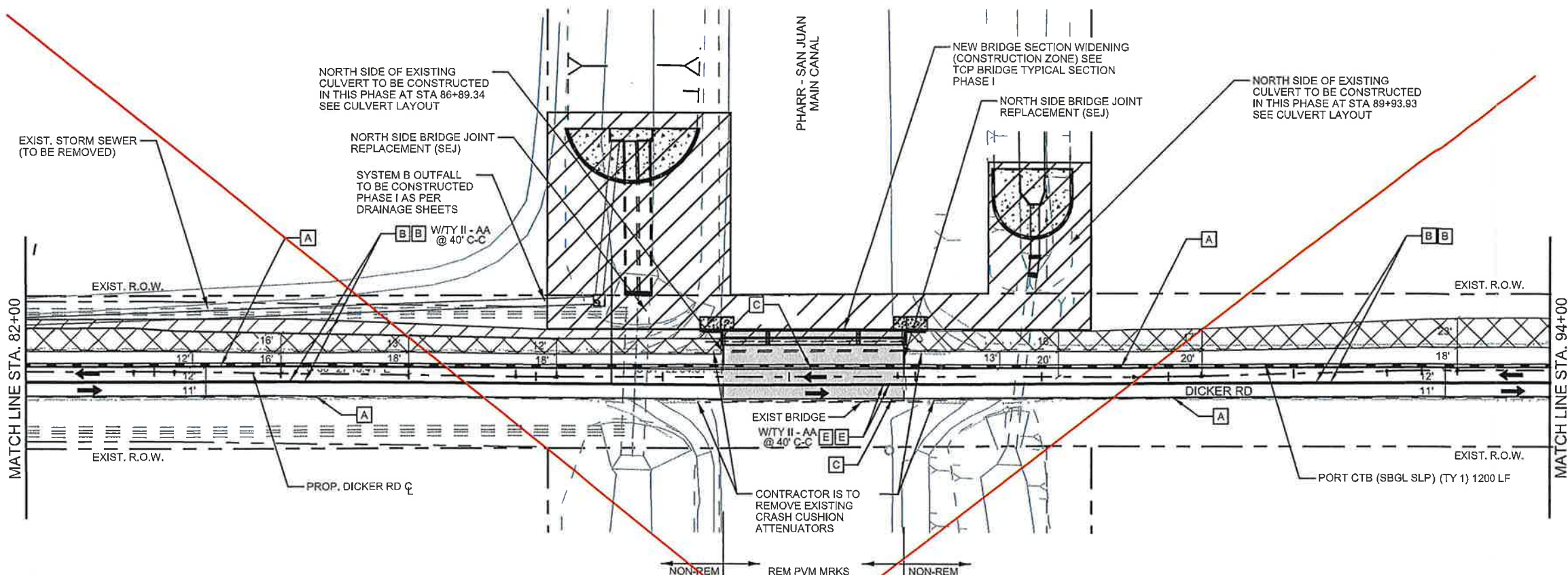
FIG. NO.	CONT.	SECT.	JOB.	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	36a

- NOTES:**
- REFER TO "BC" AND "TOP STANDARDS" FOR SIGN SPACING AND ADDITIONAL SIGNING.
 - CONTRACTOR SHALL ADJUST SIGNAL HEADS, VIDS, CAMERAS, AND OVHD SIGNS AS NEEDED TO FIT FIELD CONDITIONS.
 - CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT BEFORE ROADWAY IS OPEN TO TRAFFIC.
 - FOR CUT & RESTORE DETAIL SEE SHEET 151 UNLESS OTHERWISE NOTED.

DATE: 4/25/2018 1:32:33 PM
FILE: Dicker-TCP-PH 1403.dgn

CO #7 - Detour Traffic
Close Dicker between 10th Street to McColl Road

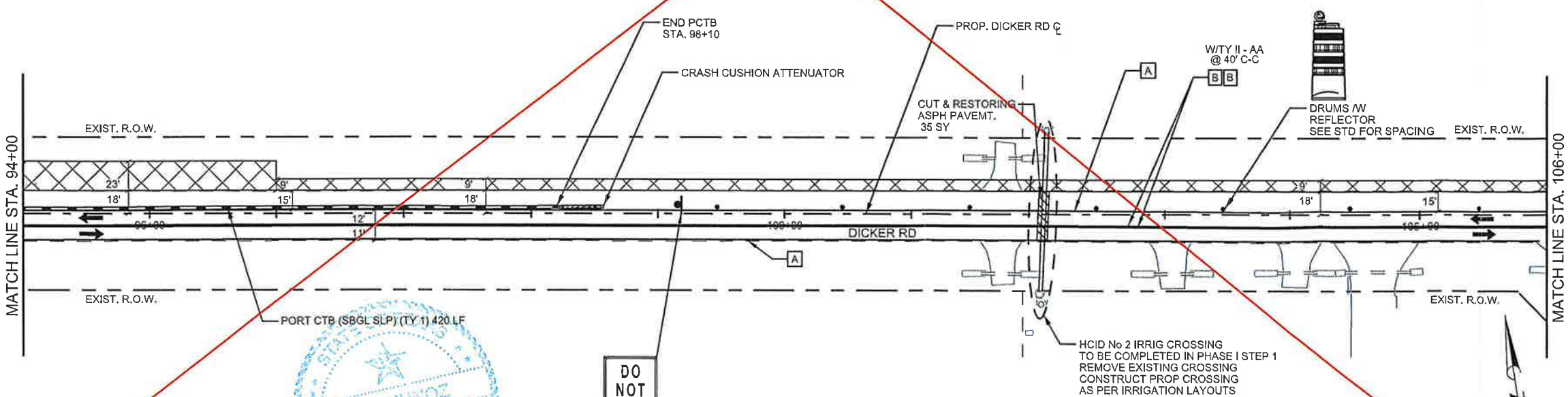
12/7/2020



LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PVTM MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PVTM MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PVTM MARK (REM) 4" WHITE SOLID
	WORK ZONE PVTM MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PVTM MARK (REM) 4" YELLOW SOLID
	WORK ZONE PVTM MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PVTM MARK (REM) 24" WHITE SOLID
	WORK ZONE PVTM MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONC TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCB-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOV)
R	(REMOV)

SHEET SUMMARY

STATION LIMITS	ITEM 400 CUT & REST ASPH PAV (SY)	ITEM 508 CONSTRUCTING DETOURS (SY)	ITEM 512 PORT CTB (FUR & INST) (SNGL SLP) (TY 1) (LF)	ITEM 545 CRASH CUSH ATTEN (INSTALL) (EA)	PAVEMENT MARKINGS (ITEM 662)								ITEM 672 REFL PAV MRKR TY II A-A (EA)	ITEM 677								
					NON REMOVABLE				REMOVABLE					ELIMINATING EXISTING PAVEMENT MARKINGS								
					4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	24"WHITE SOLID (LF)	WORD (EA)	ARROW (EA)	4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	4"WHITE (DOT) (LF)		4"YELLOW (DOT) (LF)	4"PAV'MT MARKINGS (LF)	8"PAV'MT MARKINGS (LF)	12"PAV'MT MARKINGS (LF)	24"PAV'MT MARKINGS (LF)	WORD (EA)	ARROW (EA)		
82+00 TO 106+00	35	3430	1610		4300	4300					300	300			120	5400						



- NOTES:
- REFER TO "BC" AND "TCP STANDARDS" FOR SIGN SPACING AND ADDITIONAL SIGNING.
 - CONTRACTOR SHALL ADJUST SIGNAL HEADS, VIDS, CAMERAS, AND OVHD SIGNS AS NEEDED TO FIT FIELD CONDITIONS.
 - CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT BEFORE ROADWAY IS OPEN TO TRAFFIC.
 - FOR CUT & RESTORE DETAIL SEE SHEET \$DRAINAGE DETAILS\$ UNLESS OTHERWISE NOTED.

ERIC DIETRICH DATE 7/19/2019

The County of Hidalgo
Pct 2

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Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(956) 424-7898

DICKER ROAD
TCP PHASE I
STA. 82+00 TO STA. 106+00

SCALE: 1" = 100'

SHEET 4 OF 6

FILE NO.	CONT.	SECT.	JOB.	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST.	COUNTY	PCT.	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO

SHEET NO. 37a

DATE: 7/19/2019 7:59:46 AM
FILE: \$FILESS\$

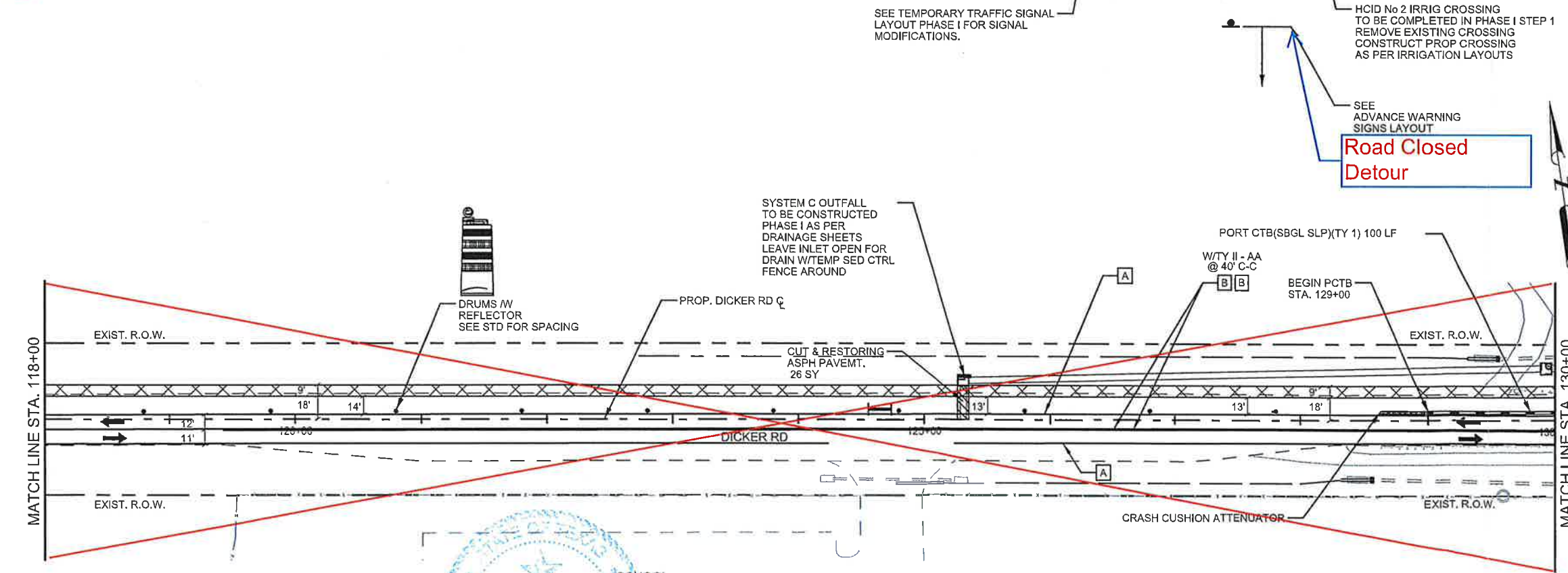
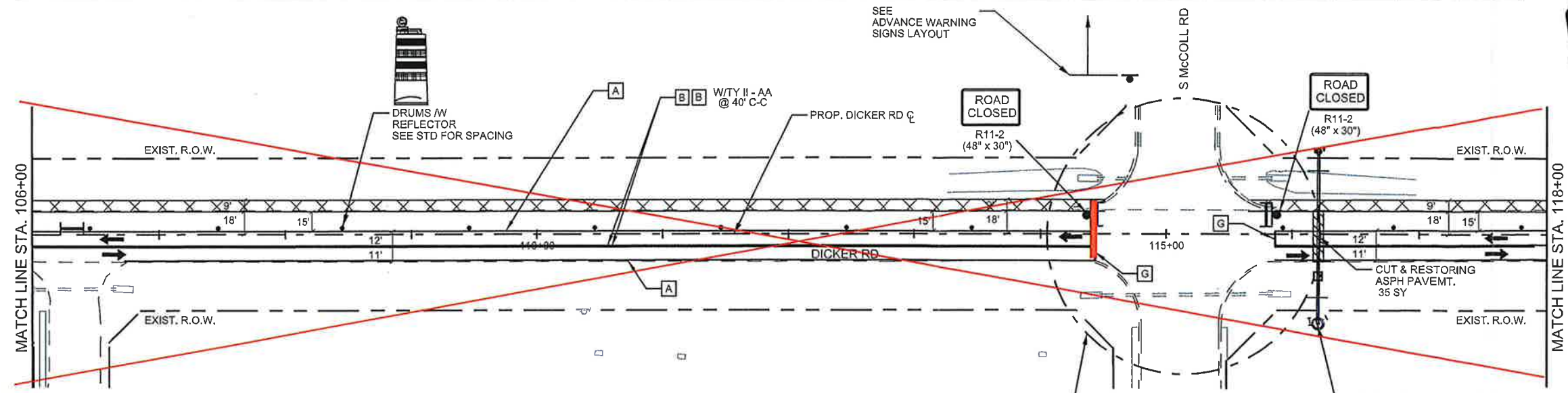
CO #7 - Detour Traffic
Close Dicker between 10th Street to McColl Road

S. R. MUNOZ
71334

SHEET SUMMARY

STATION LIMITS	ITEM 400	ITEM 508	ITEM 512	ITEM 545	PAVEMENT MARKINGS (ITEM 662)								ITEM 672	ITEM 677						
	CUT & REST ASPH PAV (SY)	CONSTRUCTING DETOURS (SY)	PORT CTB (FUR & INST) (SNGL SLP) (TY 1) (LF)	CRASH CUSH ATTEN (INSTALL) (EA)	NON REMOVABLE				REMOVABLE				REFL PAV MRKR TY II A-A (EA)	ELIMINATING EXISTING PAVEMENT MARKINGS						
					4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	24"WHITE SOLID (LF)	WORD (EA)	DBL ARROW (EA)	4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	8"WHITE (SOLID) (LF)		24"WHITE SOLID (LF)	4"PAV'MT MARKINGS (LF)	8"PAV'MT MARKINGS (LF)	12"PAV'MT MARKINGS (LF)	24"PAV'MT MARKINGS (LF)	WORD (EA)	ARROW (EA)
106+00 TO 130+00	95	2388	100	1	4520	4418							24	112	4970	503	210	52	3	5

LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PAVMT MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PAVMT MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PAVMT MARK (REM) 4" WHITE SOLID
	WORK ZONE PAVMT MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PAVMT MARK (REM) 4" YELLOW SOLID
	WORK ZONE PAVMT MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PAVMT MARK (REM) 24" WHITE SOLID
	WORK ZONE PAVMT MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONC TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCC-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOV)
R	(REMOV)



Road Closed
Detour



ROBERTO FINA CARRAL DATE 4/25/2018

The County of Hidalgo
 Pct 2

Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78572
 (956) 424-7898

DICKER ROAD
TCP PHASE I
 STA. 106+00 TO STA. 130+00

SCALE: 1" = 100'

SHEET 5 OF 6

FED. HIG. DIV. NO.	CONT.	SECT.	JOB.	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	38a

- NOTES:**
1. REFER TO "BC" AND "TCP STANDARDS" FOR SIGN SPACING AND ADDITIONAL SIGNING.
 2. CONTRACTOR SHALL ADJUST SIGNAL HEADS, VIDS, CAMERAS, AND OVHD SIGNS AS NEEDED TO FIT FIELD CONDITIONS.
 3. CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT BEFORE ROADWAY IS OPEN TO TRAFFIC.
 4. FOR CUT & RESTORE DETAIL SEE SHEET 161 UNLESS OTHERWISE NOTED.

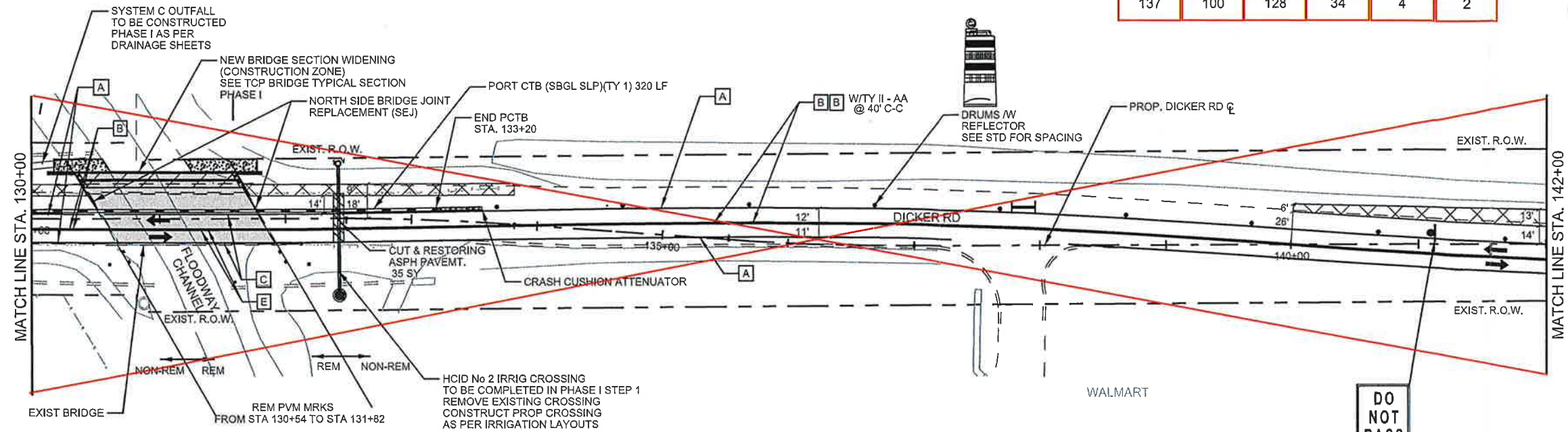
CO #5 - Detour Traffic
McCull Road to Jackson Road
CO #7 - Detour Traffic
Close Dicker between 10th Street to McColl Road

DATE: 4/25/2018 1:32:34 PM
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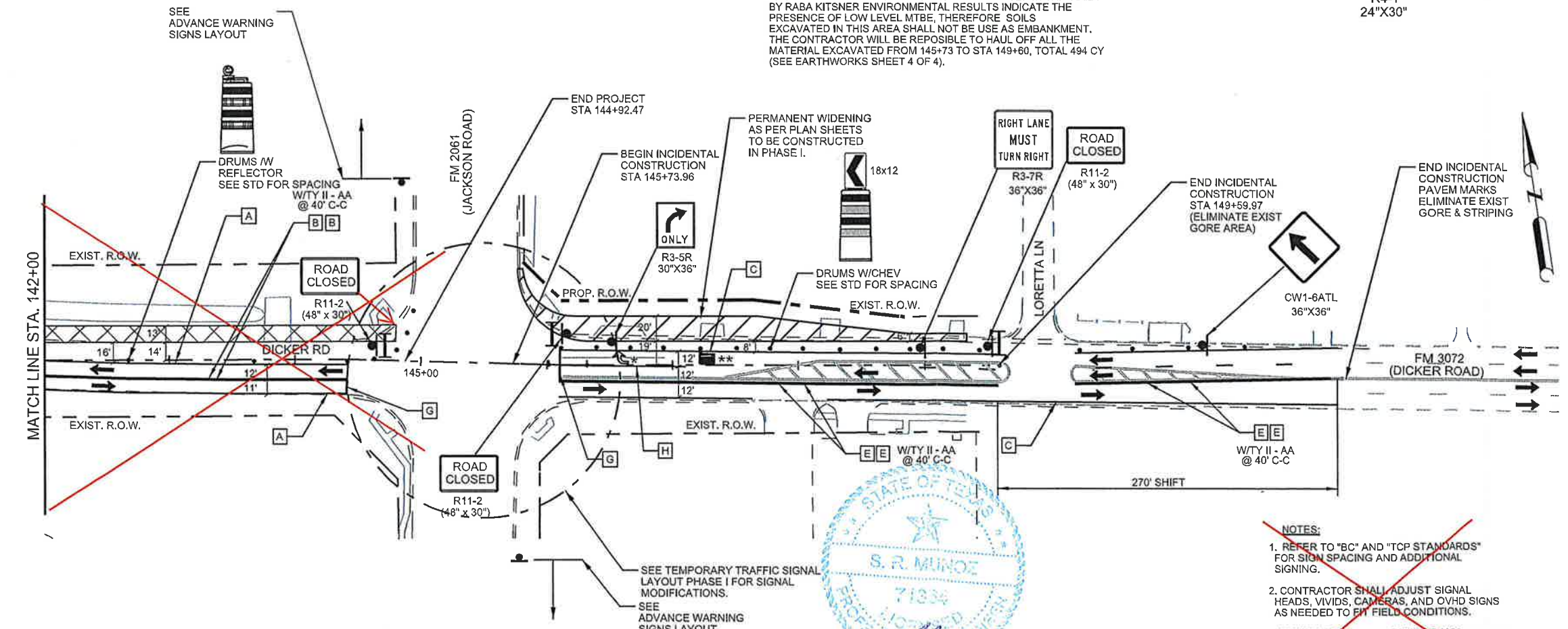
SHEET SUMMARY

STATION LIMITS	ITEM 400 CUT & REST ASPH PAV (SY)	ITEM 508 CONSTRUCTING DETOURS (SY)	ITEM 512 PORT CTB (FUR & INST) (SNGL SLP) (TY 1) (LF)	ITEM 545 CRASH CUSH ATTEN (INSTALL) (EA)	PAVEMENT MARKINGS (ITEM 662)								ITEM 672 REFL PAV MRKR TY II A-A (EA)	ITEM 677 ELIMINATING EXISTING PAVEMENT MARKINGS							
					NON REMOVABLE				REMOVABLE					ELIMINATING EXISTING PAVEMENT MARKINGS							
					4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	24"WHITE SOLID (LF)	*WORD (EA)	**ARROW (EA)	DBL ARROW (EA)	4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)		8"WHITE (SOLID) (LF)	24"WHITE SOLID (LF)	4"PAV'MT MARKINGS (LF)	8"PAV'MT MARKINGS (LF)	12"PAV'MT MARKINGS (LF)	24"PAV'MT MARKINGS (LF)	WORD (EA)	ARROW (EA)
130+00 TO 149+59.97	35	880	320	1	2682	2687	1	1	1	1	1368	1432	100	42	106	4983	520	250	84	5	0
																137	100	128	34	4	2

LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PAVMT MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PAVMT MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PAVMT MARK (REM) 4" WHITE SOLID
	WORK ZONE PAVMT MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PAVMT MARK (REM) 4" YELLOW SOLID
	WORK ZONE PAVMT MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PAVMT MARK (REM) 24" WHITE SOLID
	WORK ZONE PAVMT MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONC TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCB-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOV)
R	(REMOV)



CAUTION NOTE:
 LIMITED SUBSURFACE INVESTIGATION CONDUCTED IN THIS AREA BY RABA KITSNER ENVIRONMENTAL RESULTS INDICATE THE PRESENCE OF LOW LEVEL MTBE, THEREFORE SOILS EXCAVATED IN THIS AREA SHALL NOT BE USE AS EMBANKMENT. THE CONTRACTOR WILL BE REPOSIBLE TO HAUL OFF ALL THE MATERIAL EXCAVATED FROM 145+73 TO STA 149+60, TOTAL 494 CY (SEE EARTHWORKS SHEET 4 OF 4).



- NOTES:**
- REFER TO "BC" AND "TCP STANDARDS" FOR SIGN SPACING AND ADDITIONAL SIGNING.
 - CONTRACTOR SHALL ADJUST SIGNAL HEADS, VIVIDS, CAMERAS, AND OVHD SIGNS AS NEEDED TO FIT FIELD CONDITIONS.
 - CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT BEFORE ROADWAY IS OPEN TO TRAFFIC.
 - FOR CUT & RESTORE DETAIL SEE SHEET 161 UNLESS OTHERWISE NOTED.

The County of Hidalgo
 Pct 2

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 Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78372
 (936) 424-7898

**DICKER ROAD
 TCP PHASE I
 STA. 130+00 TO STA. 149+59.97**

SCALE: 1"= 100'
 SHEET 6 OF 6

FED. RD. DIST. NO.	CONT.	SECT.	JOB	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST.	COUNTY	PCT.	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO

SHEET NO. 39a

CO #5 - Detour Traffic
 McColl Road to Jackson Road

CO #7 - Detour Traffic
 Close Dicker between 10th Street to McColl Road

STATE OF TEXAS
 S. R. MINOZ
 7134
 PROFESSIONAL ENGINEER
 4/27/2018

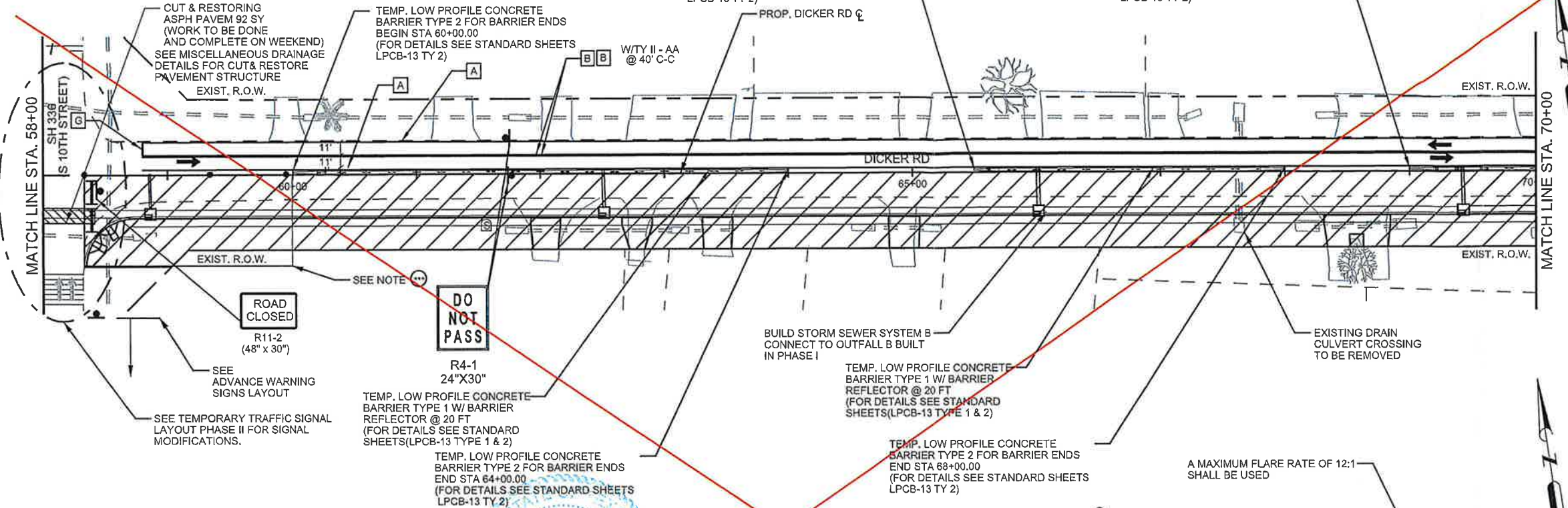
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SHEET SUMMARY

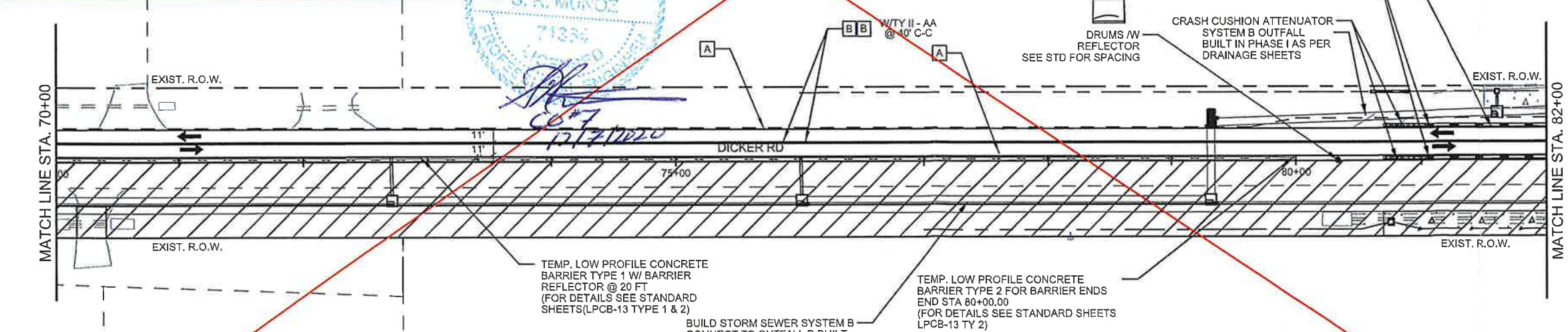
STATION LIMITS	ITEM 400 CUT & REST ASPH PAV (SY)	ITEM 512				PAVEMENT MARKINGS (ITEM 662)										ITEM 672 REFL PAV MRKR TY II A-A (EA)	ITEM 677 ELIMINATING EXISTING PAVEMENT MARKINGS					
		PORT CTB (FUR & INST) (SNGL SLP) (TY 1) (LF)	PORT CTB (MOVE) (SNGL SLP) (TY 1) (LF)	CRASH CUSH ATTEN (INSTALL) (EA)	CRASH CUSH ATTEN (MOVE&REST) (EA)	NON REMOVABLE					REMOVABLE						4" PAV/MT MARKINGS (LF)	8" PAV/MT MARKINGS (LF)	12" PAV/MT MARKINGS (LF)	24" PAV/MT MARKINGS (LF)	WORD (EA)	ARROW (EA)
						4" YELLOW SOLID (LF)	4" WHITE SOLID (LF)	24" WHITE SOLID (LF)	WORD (EA)	DBL ARROW (EA)	4" YELLOW SOLID (LF)	4" WHITE SOLID (LF)	8" WHITE (SOLID) (LF)	24" WHITE SOLID (LF)								
58+00 TO 82+00	92	90	100	1	1	1674	1674								10	118	2342					

LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PVTM MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PVTM MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PVTM MARK (REM) 4" WHITE SOLID
	WORK ZONE PVTM MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PVTM MARK (REM) 4" YELLOW SOLID
	WORK ZONE PVTM MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PVTM MARK (REM) 24" WHITE SOLID
	WORK ZONE PVTM MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONC TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCB-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOV)
R	(REMOV)

NOTES:
ALL STORM DRAIN NECESSARY WORKS AT THIS LOCATIONS SHALL BE DONE AND COMPLETED ON WEEKEND. AREA NEEDS TO BE FULL OPEN DURING PEAK AND SCHOOL HOURS.
THE INTERSECCTION CAN NOT BE COMPLETE CLOSED USE TCP (2-1) THRU (2-7)



CO #7 - Detour Traffic
Close Dicker between 10th Street to McColl Road



STATE OF TEXAS
ROBERTO FINA CARRAL
116857
LICENSED PROFESSIONAL ENGINEER
Roberto Fina Carral
ROBERTO FINA CARRAL DATE 4/25/2018

The County of Hidalgo
Pct 2

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TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78132
(956) 424-7898

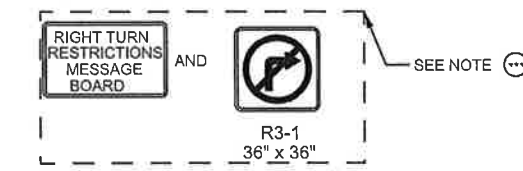
DICKER ROAD
TCP PHASE II
STA. 58+00 TO STA. 82+00

SCALE: 1"= 100'

SHEET 3 OF 6

FED. RD DIV. NO.	CONT.	SECT.	JOB.	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	42a

STATION LIMITS	ITEM 512			
	PORT CTB (FUR & INST) (LOW PROF) (TY 1) (LF)	PORT CTB (FUR & INST) (LOW PROF) (TY 2) (LF)	PORT CTB (REMOVE) (LOW PROF) (TY 1) (LF)	PORT CTB (REMOVE) (LOW PROF) (TY 2) (LF)
58+00 TO 82+00	1620	120		



PHASE II STEP 1 NOTES:
1. WIDENING OF SOUTHEAST CORNER OF THE SH 338 AND DICKER ROAD INTERSECTION TO BE DONE WITH NON- STOP CONSTRUCTION OPERATIONS FROM STA 58+32 TO STA 60+00, PROHIBIT RIGHT TURN LANE MOVEMENT FROM SH 338 TO DICKER ROAD DURING THIS WORK.
2. USE MESSAGE BOARDS WITH RIGHT TURN RESTRICTIONS AND R3-1 SIGN UNTIL THIS PHASE WILL BE COMPLETED.
3. CONSTRUCT PROPOSED SOUTH SIDE OF DICKER ROAD PAVEMENT STRUCTURE (EXCEPT 1 1/2" FINAL ACP SURFACE COURSE); ALLOW 2 DAYS MINIMUM CURING TIME PER LIME TREATED SUBGRADE AND FLEXIBLE BASE BEFORE PLACEMENT OF THE 4.5" AND 1.5" ACP COURSES.
4. CONTRACTOR SHALL WORK NON- STOP UNTIL WORK HAS BEEN COMPLETED, REOPEN RIGHT TURN MOVEMENT FROM SH 338 TO DICKER ROAD AND RESUME PHASE II WORKS.

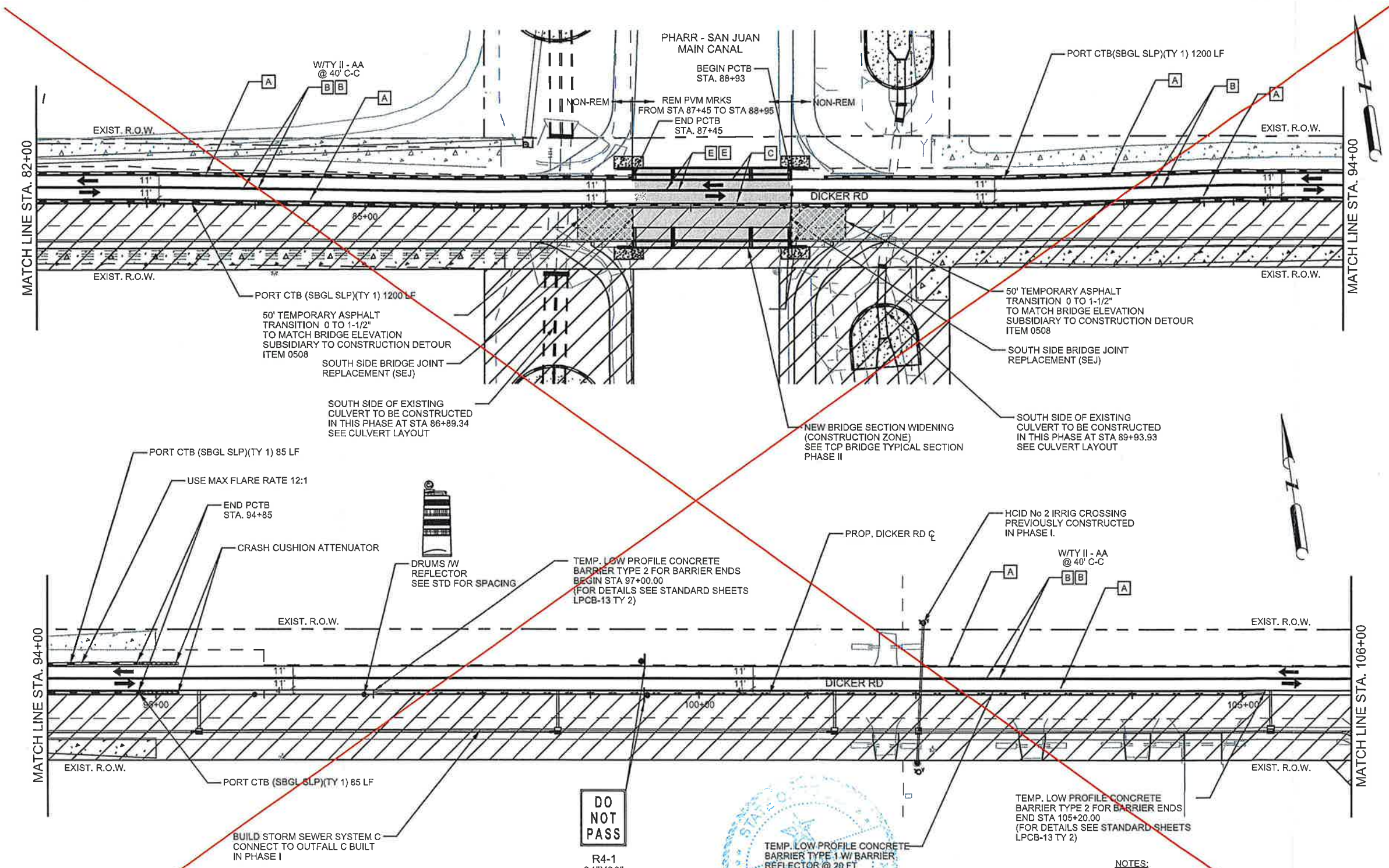
NOTES:
1. REFER TO "BC" AND "TCP" STANDARDS" FOR SIGN SPACING AND ADDITIONAL SIGNING.
2. CONTRACTOR SHALL ADJUST SIGNAL HEADS, VIDEOS, CAMERAS, AND OVHD SIGNS AS NEEDED TO FIT FIELD CONDITIONS.
3. CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT BEFORE ROADWAY IS OPEN TO TRAFFIC.
4. FOR CUT & RESTORE DETAIL SEE SHEET 151 UNLESS OTHERWISE NOTED.

DATE: 4/25/2018 1:32:38 PM
FILE: Dicker-TCP-PH II-03.dgn

SHEET SUMMARY

STATION LIMITS	ITEM 400 CUT & REST ASPH PAV (SY)	ITEM 512		ITEM 545		PAVEMENT MARKINGS (ITEM 662)								ITEM 672	ITEM 677											
		PORT CTB (FUR & INST) (SNGL SLP) (TY 1) (LF)	PORT CTB (MOVE) (SNGL SLP) (TY 1) (LF)	CRASH CUSH ATTEN (INSTALL) (EA)	CRASH CUSH ATTEN (MOVE&REST) (EA)	NON REMOVABLE				REMOVABLE				REFL PAV MRKR TY II A-A (EA)	ELIMINATING EXISTING PAVEMENT MARKINGS											
						4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	24"WHITE SOLID (LF)	WORD (EA)	ARROW (EA)	4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	8"WHITE (SOLID) (LF)		24"WHITE SOLID (LF)	4"PAV/MT MARKINGS (LF)	8"PAV/MT MARKINGS (LF)	12"PAV/MT MARKINGS (LF)	24"PAV/MT MARKINGS (LF)	WORD (EA)	ARROW (EA)					
82+00 to 106+00		960	1610			4500	4500					300	300			120	2250									

LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PAVMT MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PAVMT MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PAVMT MARK (REM) 4" WHITE SOLID
	WORK ZONE PAVMT MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PAVMT MARK (REM) 4" YELLOW SOLID
	WORK ZONE PAVMT MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PAVMT MARK (REM) 24" WHITE SOLID
	WORK ZONE PAVMT MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONC TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCB-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOV)
R	(REMOV)



STATION LIMITS	ITEM 512			
	6009 PORT CTB (FUR & INST) (LOW PROF) (TY 1) (LF)	6010 PORT CTB (FUR & INST) (LOW PROF) (TY 2) (LF)	6057 PORT CTB (REMOVE) (LOW PROF) (TY 1) (LF)	6058 PORT CTB (REMOVE) (LOW PROF) (TY 2) (LF)
82+00 to 106+00	780	40		

CO #7 - Detour Traffic
Close Dicker between 10th Street to McColl Road

DO NOT PASS
R4-1
24"X30"

TEMP. LOW PROFILE CONCRETE BARRIER TYPE 1 W/ BARRIER REFLECTOR @ 20 FT (FOR DETAILS SEE STANDARD SHEETS/LPCB-13 TYPE 1 & 2)

TEMP. LOW PROFILE CONCRETE BARRIER TYPE 2 FOR BARRIER ENDS END STA 105+20.00 (FOR DETAILS SEE STANDARD SHEETS/LPCB-13 TY 2)

- NOTES:**
- REFER TO "BC" AND "TCP" STANDARDS FOR SIGN SPACING AND ADDITIONAL SIGNING.
 - CONTRACTOR SHALL ADJUST SIGNAL HEADS, VIDEOS, CAMERAS, AND OVHD SIGNS AS NEEDED TO FIT FIELD CONDITIONS.
 - CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT BEFORE ROADWAY IS OPEN TO TRAFFIC.
 - FOR CUT & RESTORE DETAIL SEE SHEET 151 UNLESS OTHERWISE NOTED.

The County of Hidalgo
Pct 2

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Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(956) 424-7898

DICKER ROAD
TCP PHASE II
STA. 82+00 TO STA. 106+00

SCALE: 1"= 100'

SHEET 4 OF 6

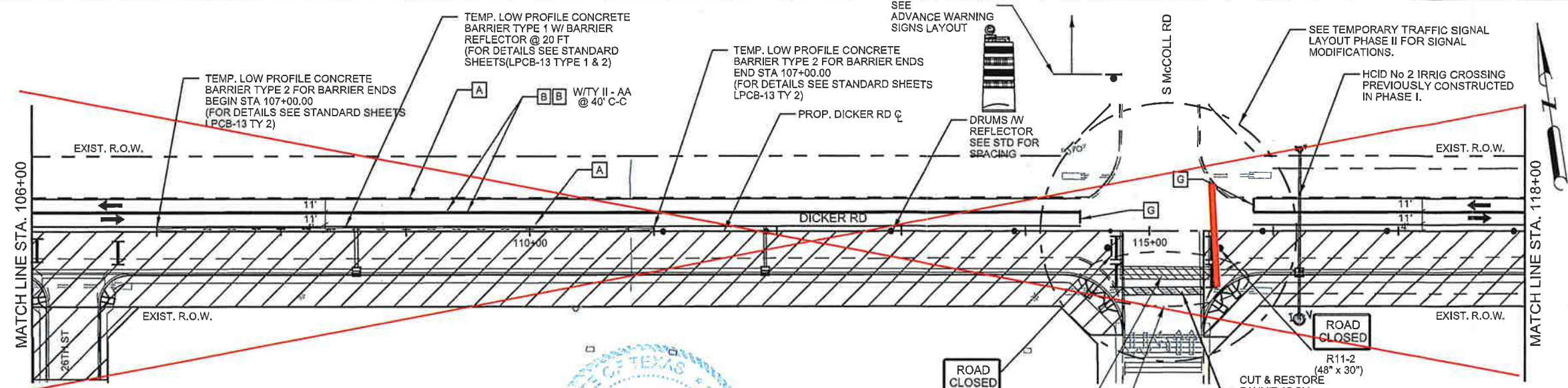
FILE NO.	CONT.	SECT.	JOB.	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	43a

DATE: 4/25/2018 1:32:38 PM
FILE: Dicker-TCP-PH II-04.dgn

SHEET SUMMARY

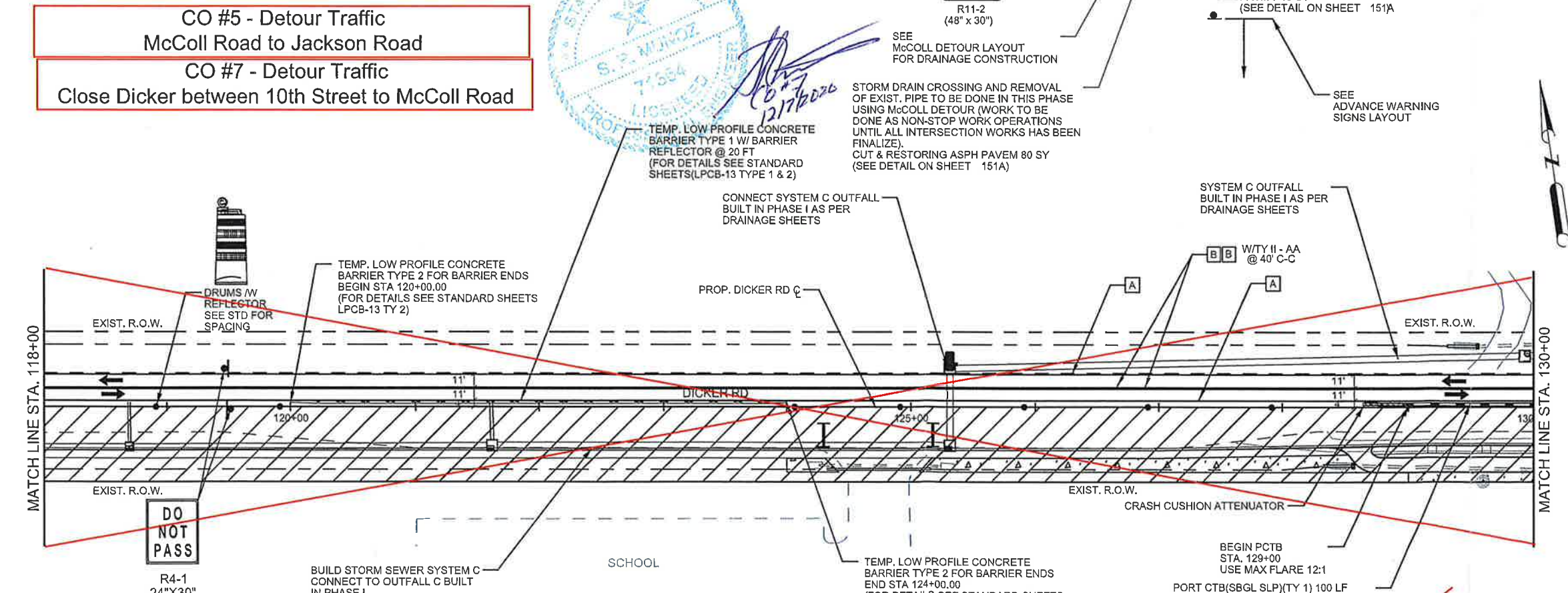
STATION LIMITS	ITEM 400 CUT & REST ASPH PAV (SY)	ITEM 512		ITEM 545		PAVEMENT MARKINGS (ITEM 662)								ITEM 672 REFL PAV MRKR TY II A-A (EA)	ITEM 677 ELIMINATING EXISTING PAVEMENT MARKINGS					
		PORT CTB (FUR & INST) (SNGL SLP) (TY 1) (LF)	PORT CTB (MOVE) (SNGL SLP) (TY 1) (LF)	CRASH CUSH ATTEN (INSTALL) (EA)	CRASH CUSH ATTEN (MOVE&REST) (EA)	NON REMOVABLE				REMOVABLE					4" PAV/MT MARKINGS (LF)	8" PAV/MT MARKINGS (LF)	12" PAV/MT MARKINGS (LF)	24" PAV/MT MARKINGS (LF)	WORD (EA)	ARROW (EA)
						4" YELLOW SOLID (LF)	4" WHITE SOLID (LF)	24" WHITE SOLID (LF)	WORD (EA)	DBL ARROW (EA)	4" YELLOW SOLID (LF)	4" WHITE SOLID (LF)	8" WHITE (SOLID) (LF)							
106+00 to 130+00	126		100		1	4636	4636						20	116	2310					

LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PVMT MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PVMT MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PVMT MARK (REM) 4" WHITE SOLID
	WORK ZONE PVMT MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PVMT MARK (REM) 4" YELLOW SOLID
	WORK ZONE PVMT MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PVMT MARK (REM) 24" WHITE SOLID
	WORK ZONE PVMT MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONG TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCB-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOV)
R	(REMOV)

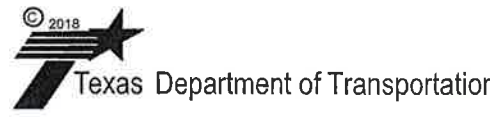


CO #5 - Detour Traffic
McColl Road to Jackson Road

CO #7 - Detour Traffic
Close Dicker between 10th Street to McColl Road



The County of Hidalgo
 Pct 2



TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78572
 (936) 424-7898

DICKER ROAD
TCP PHASE II
 STA. 106+00 TO STA. 130+00

SCALE: 1"= 100'

SHEET 5 OF 6

FED. RD. DIST. NO.	CONT.	SECT.	JOB NO.	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	44a

DATE: 4/25/2018 1:32:39 PM
 FILE: Dicker-TCP-PH II-05.dgn

STATION LIMITS	ITEM 512			
	6009 PORT CTB (FUR & INST) (LOW PROF) (TY 1) (LF)	6010 PORT CTB (FUR & INST) (LOW PROF) (TY 2) (LF)	6057 PORT CTB (REMOVE) (LOW PROF) (TY 1) (LF)	6058 PORT CTB (REMOVE) (LOW PROF) (TY 2) (LF)
106+00 to 130+00	720	80		

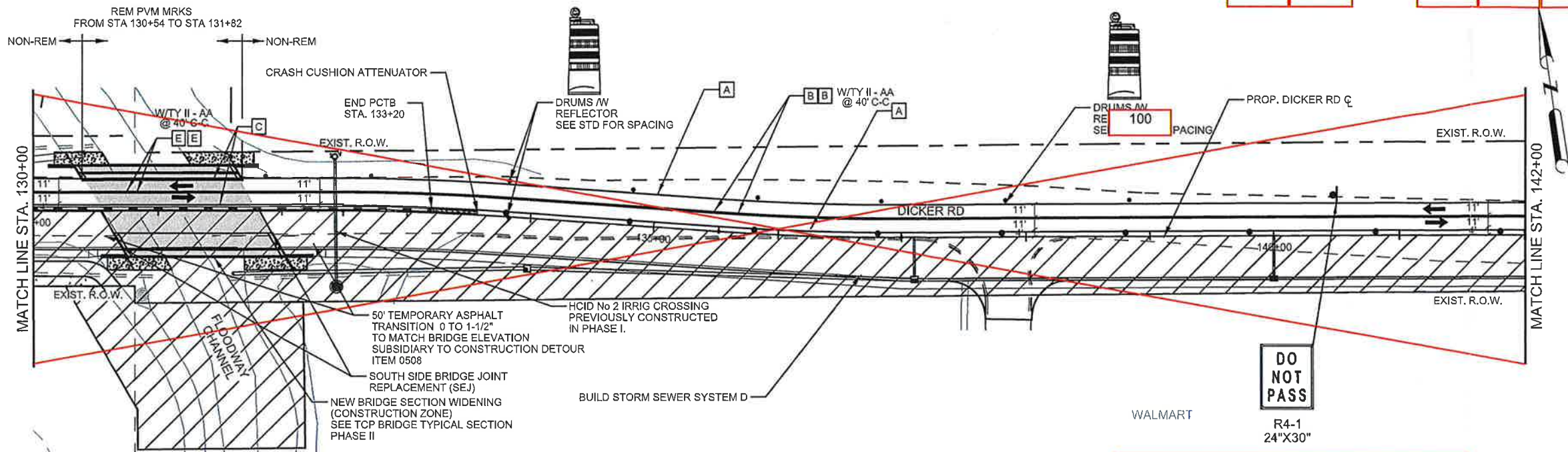
NOTES:
 COORDINATE WITH VALLEY VIEW EARLY COLLEGE CAMPUS PRINCIPAL TO SCHEDULE DRIVEWAY OPERATIONS.

- NOTES:
- REFER TO "BC" AND "TCP STANDARDS" FOR SIGN SPACING AND ADDITIONAL SIGNING.
 - CONTRACTOR SHALL ADJUST SIGNAL HEADS, VIDEOS, CAMERAS, AND OVHD SIGNS AS NEEDED TO FIT FIELD CONDITIONS.
 - CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT BEFORE ROADWAY IS OPEN TO TRAFFIC.
 - FOR CUT & RESTORE DETAIL SEE SHEET 151 UNLESS OTHERWISE NOTED.

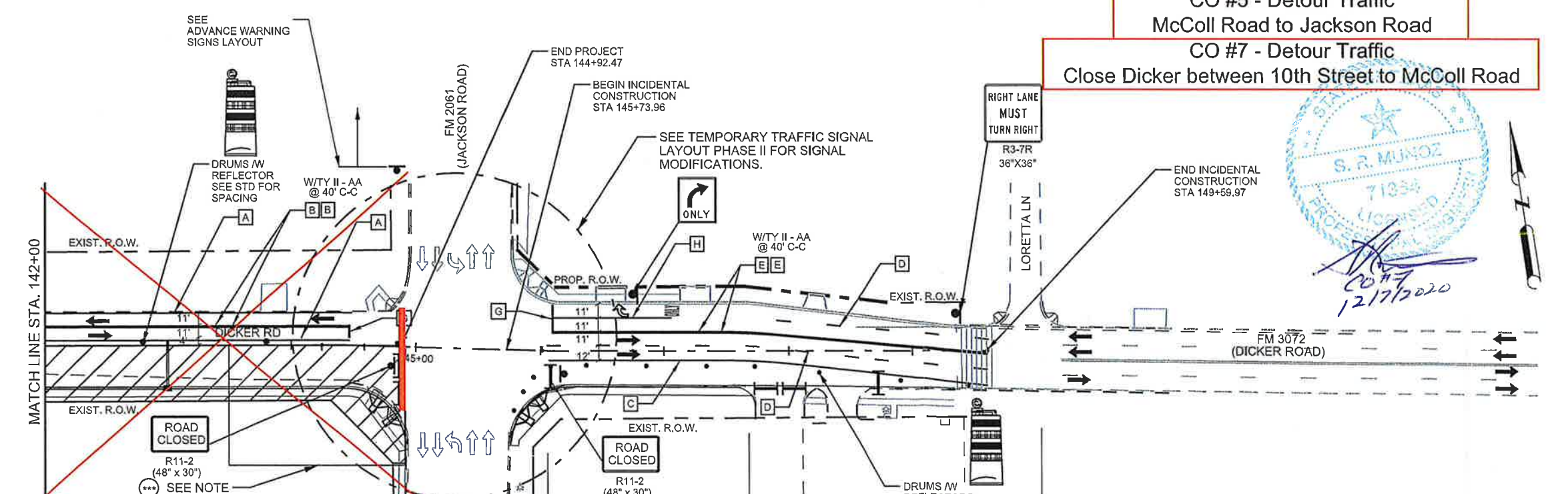
SHEET SUMMARY

STATION LIMITS	ITEM 400 CUT & REST ASPH PAV (SY)	ITEM 512		ITEM 545		PAVEMENT MARKINGS (ITEM 662)							ITEM 672 REFL PAV MRKR TY II A-A (EA)	ITEM 677 ELIMINATING EXISTING PAVEMENT MARKINGS							
		PORT CTB (FUR & INST) (SNGL SLP) (TY 1) (LF)	PORT CTB (MOVE) (SNGL SLP) (TY 1) (LF)	CRASH CUSH ATTEN (INSTALL) (EA)	CRASH CUSH ATTEN (MOVE&REST) (EA)	NON REMOVABLE				REMOVABLE				4" PAV/MT MARKINGS (LF)	8" PAV/MT MARKINGS (LF)	12" PAV/MT MARKINGS (LF)	24" PAV/MT MARKINGS (LF)	WORD (EA)	ARROW (EA)		
						4" YELLOW SOLID (LF)	4" WHITE SOLID (LF)	WORD (EA)	ARROW (EA)	DBL ARROW (EA)	4" YELLOW SOLID (LF)	4" WHITE SOLID (LF)								8" WHITE SOLID (LF)	24" WHITE SOLID (LF)
130+00 TO 149+59.97			320			2000	2000	1	1		300	150	011	100	32	110	2436	100	24	1	1
																	936	100	12	1	1

LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PVMT MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PVMT MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PVMT MARK (REM) 4" WHITE SOLID
	WORK ZONE PVMT MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PVMT MARK (REM) 4" YELLOW SOLID
	WORK ZONE PVMT MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PVMT MARK (REM) 24" WHITE SOLID
	WORK ZONE PVMT MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONC TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCB-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOV)
R	(REMOV)



CO #5 - Detour Traffic
McColl Road to Jackson Road
CO #7 - Detour Traffic
Close Dicker between 10th Street to McColl Road



STATE OF TEXAS
 ROBERTO FINA CARRAL
 116857
 LICENSED PROFESSIONAL ENGINEER
 DATE 4/25/2018

The County of Hidalgo
 Pct 2

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TEDSI INFRASTRUCTURE GROUP
 Consulting Engineers
 1201 E. Expressway 83
 Mission, Texas 78572
 (956) 424-7898

DICKER ROAD
TCP PHASE II
 STA. 130+00 TO STA. 149+59.97

SCALE: 1"= 100'

SHEET 6 OF 6

FED. RD DIST. NO.	CONT.	SECT.	JOB.	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	45a

PHASE II STEP 1 NOTES:

1. WIDENING OF SOUTHWEST CORNER OF THE FM 2061 AND DICKER ROAD INTERSECTION TO BE DONE WITH NON- STOP CONSTRUCTION OPERATIONS FROM STA 143+50 TO STA 144+91. PROHIBIT RIGHT TURN LANE MOVEMENT FROM DICKER ROAD TO FM 2061 DURING THIS WORK.
2. USE MESSAGE BOARDS WITH RIGHT TURN RESTRICTIONS AND R3-1 SIGN UNTIL THIS PHASE WILL BE COMPLETED.
3. CONSTRUCT PROPOSED SOUTH SIDE OF DICKER ROAD PAVEMENT STRUCTURE (EXCEPT 1" FINAL ACP SURFACE COURSE); ALLOW 2 DAYS MINIMUM CURING TIME PER LIME TREATED SUBGRADE AND FLEXIBLE BASE BEFORE PLACEMENT OF THE 4.5" AND 1" ACP COURSES.
4. CONTRACTOR SHALL WORK NON- STOP UNTIL WORK HAS BEEN COMPLETED, REOPEN RIGHT TURN MOVEMENT FROM DICKER ROAD TO FM 2061 AND RESUME PHASE II WORKS.

NOTES:

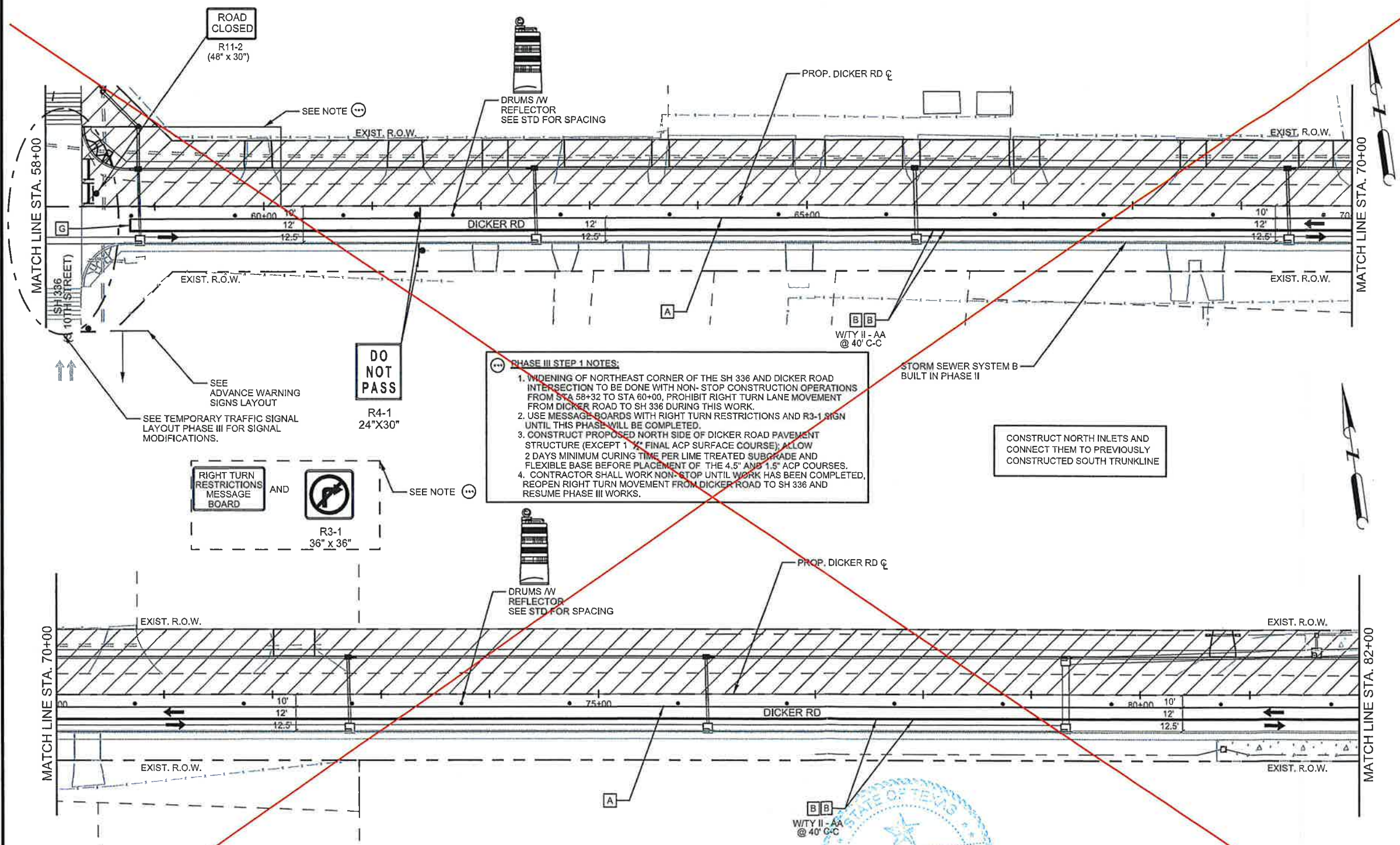
1. REFER TO "BC" AND "TCP STANDARDS" FOR SIGN SPACING AND ADDITIONAL SIGNING.
2. CONTRACTOR SHALL ADJUST SIGNAL HEADS, VIDS, CAMERAS, AND OVHD SIGNS AS NEEDED TO FIT FIELD CONDITIONS.
3. CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT BEFORE ROADWAY IS OPEN TO TRAFFIC.
4. FOR CUT & RESTORE DETAIL SEE SHEET 151 UNLESS OTHERWISE NOTED.

DATE: 4/25/2018 1:32:40 PM
 FILE: Dicker-TCP-PH II-06.dgn

SHEET SUMMARY

STATION LIMITS	ITEM 400 CUT & REST ASPH PAV (SY)	ITEM 512		ITEM 545		PAVEMENT MARKINGS (ITEM 662)								ITEM 672 REFL PAV MRKR TY II A-A (EA)	ITEM 677										
		PORT CTB (FUR & INST) (SNGL SLP) (TY 1) (LF)	PORT CTB (REMOVE) (SNGL SLP) (TY 1) (LF)	CRASH CUSH ATTEN (INSTALL) (EA)	CRASH CUSH ATTEN (REMOVE) (EA)	NON REMOVABLE				REMOVABLE					ELIMINATING EXISTING PAVEMENT MARKINGS										
						4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	24"WHITE SOLID (LF)	WORD (EA)	DBL ARROW (EA)	4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	8"WHITE (SOLID) (LF)		24"WHITE SOLID (LF)	4"PAV/MT MARKINGS (LF)	8"PAV/MT MARKINGS (LF)	12"PAV/MT MARKINGS (LF)	24"PAV/MT MARKINGS (LF)	WORD (EA)	ARROW (EA)				
58+00 TO 82+00			180		2	4684	2342							12	118										

LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PVMT MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PVMT MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PVMT MARK (REM) 4" WHITE SOLID
	WORK ZONE PVMT MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PVMT MARK (REM) 4" YELLOW SOLID
	WORK ZONE PVMT MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PVMT MARK (REM) 24" WHITE SOLID
	WORK ZONE PVMT MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONG TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCB-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOV)
R	(REMOV)



PHASE III STEP 1 NOTES:

1. WIDENING OF NORTHEAST CORNER OF THE SH 336 AND DICKER ROAD INTERSECTION TO BE DONE WITH NON-STOP CONSTRUCTION OPERATIONS FROM STA 58+32 TO STA 60+00, PROHIBIT RIGHT TURN LANE MOVEMENT FROM DICKER ROAD TO SH 336 DURING THIS WORK.
2. USE MESSAGE BOARDS WITH RIGHT TURN RESTRICTIONS AND R3-1 SIGN UNTIL THIS PHASE WILL BE COMPLETED.
3. CONSTRUCT PROPOSED NORTH SIDE OF DICKER ROAD PAVEMENT STRUCTURE (EXCEPT 1" FINAL ACP SURFACE COURSE); ALLOW 2 DAYS MINIMUM CURING TIME PER LIME TREATED SUBGRADE AND FLEXIBLE BASE BEFORE PLACEMENT OF THE 4.5" AND 1.5" ACP COURSES.
4. CONTRACTOR SHALL WORK NON-STOP UNTIL WORK HAS BEEN COMPLETED, REOPEN RIGHT TURN MOVEMENT FROM DICKER ROAD TO SH 336 AND RESUME PHASE III WORKS.

CONSTRUCT NORTH INLETS AND CONNECT THEM TO PREVIOUSLY CONSTRUCTED SOUTH TRUNKLINE



CO #7
12/7/2020

- NOTES:**
1. REFER TO "BC" AND "TCP STANDARDS" FOR SIGN SPACING AND ADDITIONAL SIGNING.
 2. CONTRACTOR SHALL ADJUST SIGNAL HEADS, VIVIDS, CAMERAS, AND OVHD SIGNS AS NEEDED TO FIT FIELD CONDITIONS.
 3. CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT BEFORE ROADWAY IS OPEN TO TRAFFIC.
 4. FOR CUT & RESTORE DETAIL SEE SHEET 151 UNLESS OTHERWISE NOTED.

STATION LIMITS	ITEM 512			
	PORT CTB (FUR & INST) (LOW PROF) (TY 1) (LF)	PORT CTB (FUR & INST) (LOW PROF) (TY 2) (LF)	PORT CTB (REMOVE) (LOW PROF) (TY 1) (LF)	PORT CTB (REMOVE) (LOW PROF) (TY 2) (LF)
58+00 TO 82+00			1620	120

CO #7 - Detour Traffic
Close Dicker between 10th Street to McColl Road

STATE OF TEXAS
ROBERTO FINA CARRAL
116857
LICENSED PROFESSIONAL ENGINEER

ROBERTO FINA CARRAL DATE 4/25/2018

The County of Hidalgo
Pct 2

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Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(936) 424-7898

DICKER ROAD
TCP PHASE III
STA. 58+00 TO STA. 82+00

SCALE: 1"= 100'

SHEET 3 OF 6

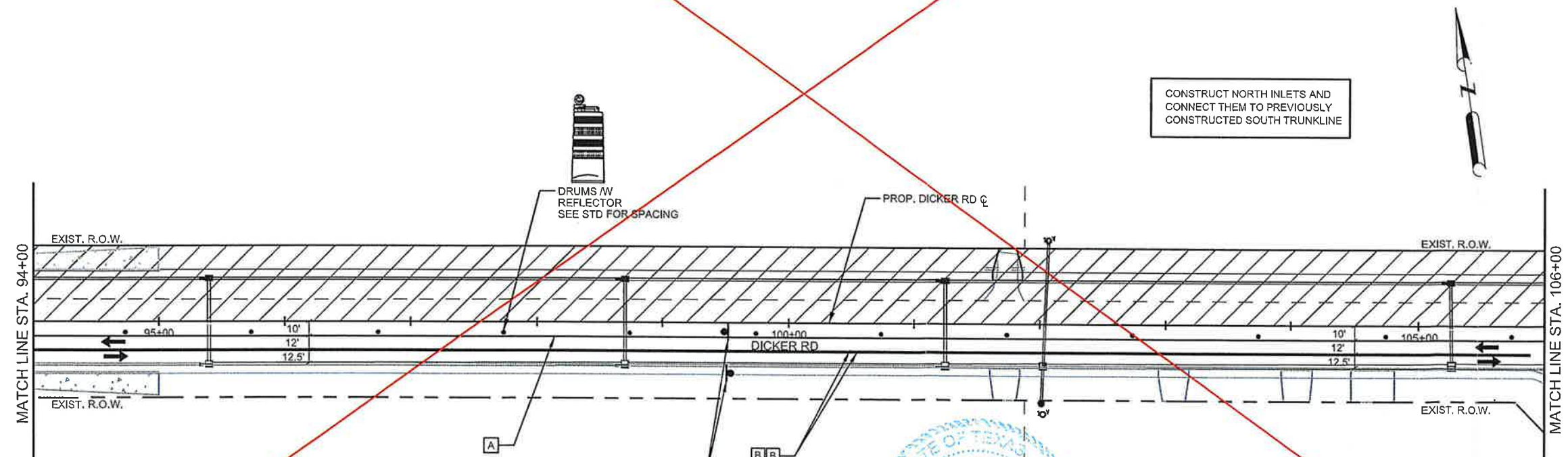
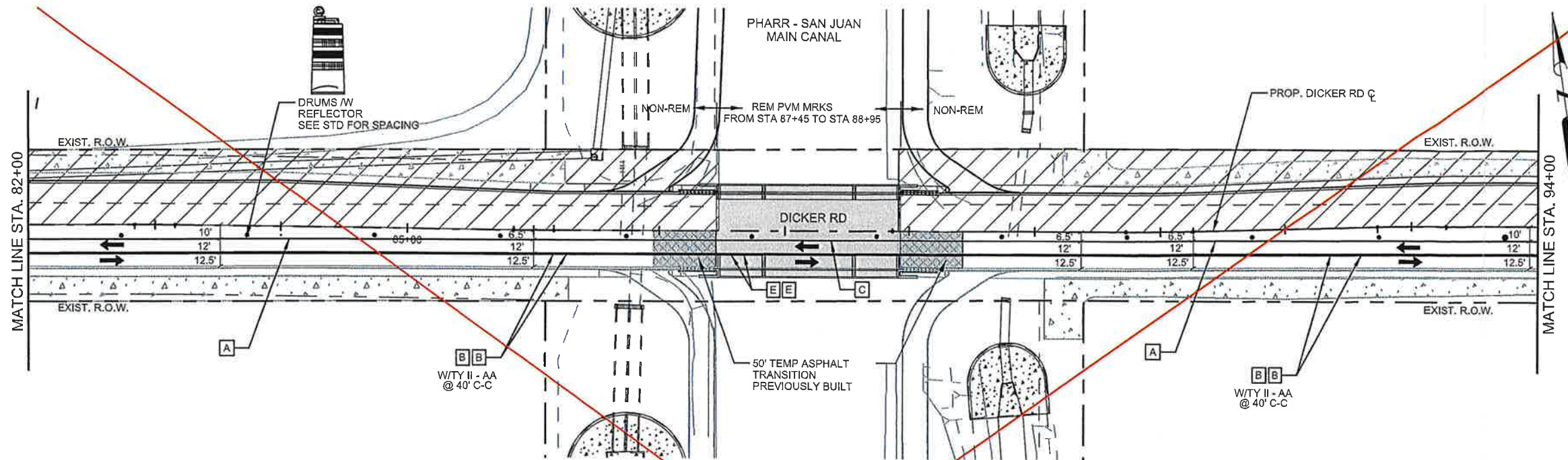
FED. RD DIV. NO.	CONT.	SECT.	JOB.	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	48a

DATE: 4/25/2018 1:32:42 PM
FILE: Dicker-TCP-PH III-03.dgn

SHEET SUMMARY

STATION LIMITS	ITEM 400 CUT & REST ASPH PAV (SY)	ITEM 512		ITEM 545		PAVEMENT MARKINGS (ITEM 662)								ITEM 672	ITEM 677									
		PORT CTB (FUR & INST) (SNGL SLP) (TY 1) (LF)	PORT CTB (REMOVE) (SNGL SLP) (TY 1) (LF)	CRASH CUSH ATTEN (INSTALL) (EA)	CRASH CUSH ATTEN (REMOVE) (EA)	NON REMOVABLE				REMOVABLE				REFL PAV MRKR TY II A-A (EA)	ELIMINATING EXISTING PAVEMENT MARKINGS									
						4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	24"WHITE SOLID (LF)	WORD (EA)	ARROW (EA)	4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	8"WHITE (SOLID) (LF)		24"WHITE SOLID (LF)	4"PAV/MT MARKINGS (LF)	8"PAV/MT MARKINGS (LF)	12"PAV/MT MARKINGS (LF)	24"PAV/MT MARKINGS (LF)	WORD (EA)	ARROW (EA)			
82+00 to 106+00			2570		2	4470	2250							300	150			120	000					

LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PVTM MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PVTM MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PVTM MARK (REM) 4" WHITE SOLID
	WORK ZONE PVTM MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PVTM MARK (REM) 4" YELLOW SOLID
	WORK ZONE PVTM MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PVTM MARK (REM) 24" WHITE SOLID
	WORK ZONE PVTM MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONC TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCB-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOVE)
R	(REMOVE)



CONSTRUCT NORTH INLETS AND CONNECT THEM TO PREVIOUSLY CONSTRUCTED SOUTH TRUNKLINE



DO NOT PASS
R4-1
24"X30"

- NOTES:
- REFER TO "BC" AND "TCP STANDARDS" FOR SIGN SPACING AND ADDITIONAL SIGNING.
 - CONTRACTOR SHALL ADJUST SIGNAL HEADS, VIDEOS, CAMERAS, AND OVHD SIGNS AS NEEDED TO FIT FIELD CONDITIONS.
 - CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT BEFORE ROADWAY IS OPEN TO TRAFFIC.
 - FOR CUT & RESTORE DETAIL SEE SHEET 151 UNLESS OTHERWISE NOTED.

CO #7 - Detour Traffic
Close Dicker between 10th Street to McColl Road

STATION LIMITS	ITEM 512			
	6009 PORT CTB (FUR & INST) (LOW PROF) (TY 1) (LF)	6010 PORT CTB (FUR & INST) (LOW PROF) (TY 2) (LF)	6057 PORT CTB (REMOVE) (LOW PROF) (TY 1) (LF)	6058 PORT CTB (REMOVE) (LOW PROF) (TY 2) (LF)
82+00 to 106+00			780	40

STATE OF TEXAS
ROBERTO FINA CARRAL
116857
LICENSED PROFESSIONAL ENGINEER

ROBERTO FINA CARRAL DATE 4/25/2018

The County of Hidalgo
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Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(936) 424-7898

DICKER ROAD
TCP PHASE III
STA. 82+00 TO STA. 106+00

SCALE: 1"=100'

SHEET 4 OF 6

FED. RD. DIST. NO.	CONT.	SECT.	JOB	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST	COUNTY	PCT	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO

SHEET NO. 49a

DATE: 4/25/2018 1:32:43 PM
FILE: Dicker-TCP-PH III-04.dgn

SHEET SUMMARY

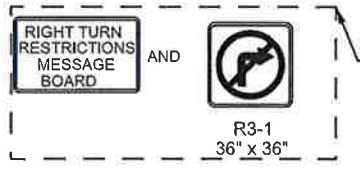
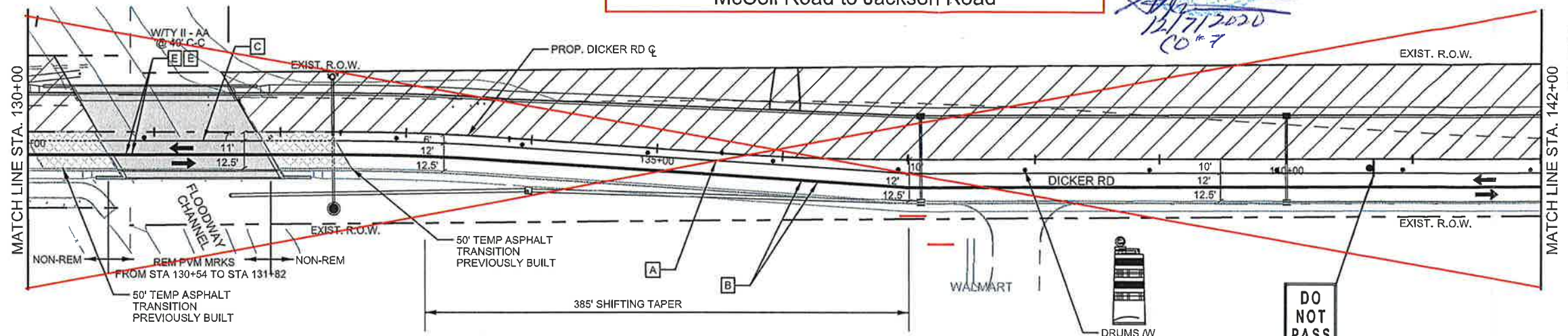
STATION LIMITS	ITEM 400 CUT & REST ASPH PAV (SY)	ITEM 512		ITEM 545 CRASH CUSH ATTEN (REMOVE) (EA)	PAVEMENT MARKINGS (ITEM 662)										ITEM 672 REFL PAV MRKR TY II A-A (EA)	ITEM 677						
		PORT CTB (FUR & INST) (SNGL SLP) (TY 1) (LF)	PORT CTB (REMOVE) (SNGL SLP) (TY 1) (LF)		NON REMOVABLE					REMOVABLE						ELIMINATING EXISTING PAVEMENT MARKINGS						
					4"YELLOW SOLID (LF)	4"WHITE SOLID (LF)	WORD (EA)	ARROW (EA)	DBL ARROW (EA)	4"YELLOW SOLID (LF)	4"WHITE BROKEN (LF)	4"WHITE SOLID (LF)	8"WHITE (SOLID) (LF)	24"WHITE SOLID (LF)		4"PAV'MT MARKINGS (LF)	8"PAV'MT MARKINGS (LF)	12"PAV'MT MARKINGS (LF)	24"PAV'MT MARKINGS (LF)	WORD (EA)	ARROW (EA)	
130+00 TO 149+59.97			320		2586	1298						1418	198	787	160	37	100	1739	100	32	1	1

CO #7 - Detour Traffic
Close Dicker between 10th Street to McColl Road

CO #5 - Detour Traffic
McColl Road to Jackson Road



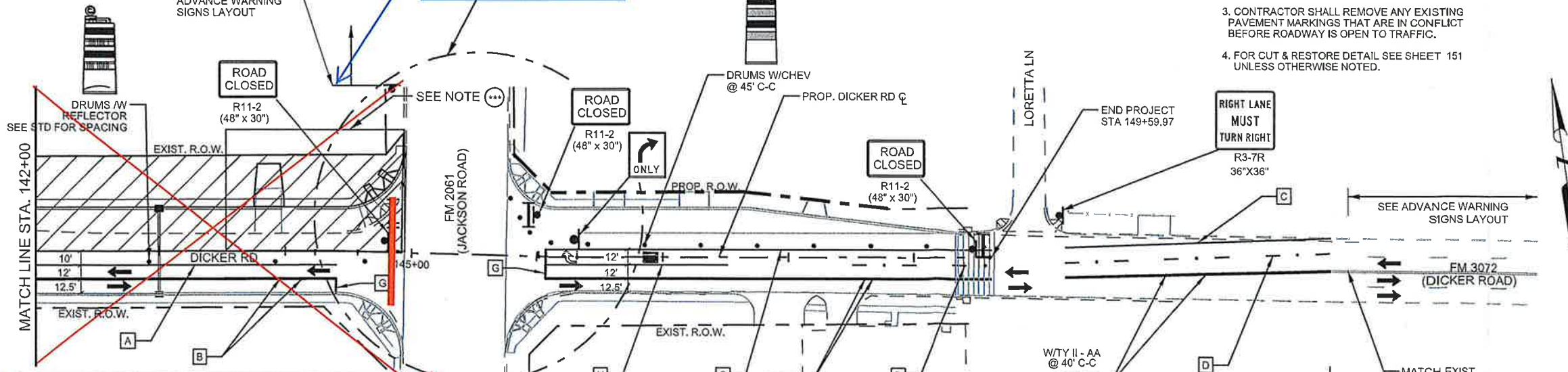
LEGEND	
	CONSTRUCTION AREA
	DETOUR
	CUT & RESTORING PAVEMENT
	WORK ZONE PVTM MARK (NON-REM) 4" WHITE SOLID
	WORK ZONE PVTM MARK (NON-REM) 4" YELLOW SOLID
	WORK ZONE PVTM MARK (REM) 4" WHITE SOLID
	WORK ZONE PVTM MARK (REM) WHITE 4" (BROKEN)
	WORK ZONE PVTM MARK (REM) 4" YELLOW SOLID
	WORK ZONE PVTM MARK (REM) 4" YELLOW (DOT)
	WORK ZONE PVTM MARK (REM) 24" WHITE SOLID
	WORK ZONE PVTM MARK (REM) 8" WHITE SOLID
	CRASH CUSHION ATTENUATOR
	PORTABLE CONC TRAFFIC BARRIER
	LOW PROFILE CONCRETE BARRIER (LPCB-13 TYPE 2)
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKINGS
	TYPE 3 BARRICADE
	CHANNELIZING DEVICE
	CONSTRUCTION SIGN
	TYPE A CLASS 1 WARNING REFLECTOR
N-R	(NON-REMOV)
R	(REMOVE)



Road Closed Detour

CONSTRUCT NORTH INLETS AND CONNECT THEM TO PREVIOUSLY CONSTRUCTED SOUTH TRUNKLINE

- NOTES:**
- REFER TO "BC" AND "TOP STANDARDS" FOR SIGN SPACING AND ADDITIONAL SIGNING.
 - CONTRACTOR SHALL ADJUST SIGNAL HEADS, VIDS, CAMERAS, AND OVHD SIGNS AS NEEDED TO FIT FIELD CONDITIONS.
 - CONTRACTOR SHALL REMOVE ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT BEFORE ROADWAY IS OPEN TO TRAFFIC.
 - FOR CUT & RESTORE DETAIL SEE SHEET 151 UNLESS OTHERWISE NOTED.



PHASE III STEP 1 NOTES:

- WIDENING OF NORTHWEST CORNER OF THE FM 2061 AND DICKER ROAD INTERSECTION TO BE DONE WITH NON-STOP CONSTRUCTION OPERATIONS FROM STA 143+90 TO STA 144+91, PROHIBIT RIGHT TURN LANE MOVEMENT FROM DICKER ROAD TO FM 2061 DURING THIS WORK.
- USE MESSAGE BOARDS WITH RIGHT TURN RESTRICTIONS AND R3-1 SIGN UNTIL THIS PHASE WILL BE COMPLETED.
- CONSTRUCT PROPOSED NORTH SIDE OF DICKER ROAD PAVEMENT STRUCTURE (EXCEPT 1/2" FINAL ACP SURFACE COURSE); ALLOW 2 DAYS MINIMUM CURING TIME PER LIME TREATED SUBGRADE AND FLEXIBLE BASE BEFORE PLACEMENT OF THE 4.5" AND 7.5" ACP COURSES.
- CONTRACTOR SHALL WORK NON-STOP UNTIL WORK HAS BEEN COMPLETED, REOPEN RIGHT TURN MOVEMENT FROM FM 2061 TO DICKER ROAD AND RESUME PHASE III WORKS.

Road Closed Detour

ROBERTO FINA CARRAL DATE 4/25/2018

The County of Hidalgo
Pct 2

Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(956) 424-7898

DICKER ROAD
TCP PHASE III
STA. 130+00 TO STA. 149+59.97

SCALE: 1" = 100'

SHEET 6 OF 6

FED. RD. DIST. NO.	CONT.	SECT.	JOB	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST	COUNTY	PCT	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO

SHEET NO. 51a

DATE: 4/25/2018 1:32:44 PM
FILE: Dicker-TCP-III-06.dgn

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DICKER ROAD CRASH CUSHION SUMMARY																						
LOCATION No:	PHASE	PLAN SHEET NUMBER	LOCATION	STA	TEST LEVEL	DIRECTION OF TRAFFIC (UNI/BI)	FOUNDATION PAD		BACKUP SUPPORT			AVAILABLE SITE LENGTH	CRASH CUSHION									
							PROPOSED MATERIAL	PROPOSED THICKNESS	DESCRIPTION	WIDTH	HEIGHT		INSTALL	REMOVE	MOVE/ RESET		L N	L W	R N	R W	S N	S W
															MOVE/ RESET	FROM LOC. #						
1	PHASE I	3 OF 6	WB LN	81+00 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"	1								CO #7	
2	PHASE I	4 OF 6	WB LN	98+20 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"	1								CO #7	
3	PHASE I	5 OF 6	WB LN	129+00 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"	1								CO #5	
4	PHASE I	6 OF 6	WB LN	133+20 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"	1								CO #5	
5	PHASE II	3 OF 6	WB LN	81+05 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"		1	1						CO #7	
6	PHASE II	3 OF 6	EB LN	81+05 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"	1								CO #7	
7	PHASE II	4 OF 6	WB LN	94+05 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"		1	2						CO #7	
8	PHASE II	4 OF 6	EB LN	94+05 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"	1								CO #7	
9	PHASE II	5 OF 6	EB LN	129+00 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"		1	3						CO #5	
10	PHASE II	6 OF 6	EB LN	133+20 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"		1	4						CO #5	
11	PHASE III	3 OF 6	WB LN	81+05 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"		1							CO #7	
12	PHASE III	3 OF 6	EB LN	81+05 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"		1							CO #7	
13	PHASE III	4 OF 6	WB LN	94+05 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"		1							CO #7	
14	PHASE III	4 OF 6	EB LN	94+05 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"		1							CO #7	
15	PHASE III	5 OF 6	EB LN	129+00 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"		1							CO #5	
16	PHASE III	6 OF 6	EB LN	133+20 LT	TL-3	UNI	NR	NR	PCTB	24"	42"	30'-0"		1							CO #5	
TOTAL=												6 0	6 0	4 0							6 0	

NR : ABSORB 350 AND SLED CRASH CUSHIONS ATTENUATORS DO NOT REQUIRE PAVED SURFACE.

LEGEND:
 L=LOW MAINTENANCE
 R=REUSABLE
 S=SACRIFICIAL
 N=NARROW
 W=WIDE

FOR DEFINITIONS SEE THE "CRASH CUSHION CATEGORIZATION CHART.PDF" AT THE DESIGN DIVISION (ROADWAY STANDARDS) WEBSITE. USE QUICK LINKS TO ACCESS ATTENUATORS / CRASH CUSHIONS SECTION.
<http://www.dot.state.tx.us/insdotdot/orgchart/cmd/cserve/standard/rdwylse.htm>

CO #5 - Detour Traffic
 McColl Road to Jackson Road
 CO #7 - Detour Traffic
 Close Dicker between 10th Street to McColl Road


CRASH CUSHION SUMMARY SHEET

FILE: ccss.dgn	DN: TxDOT	CK:	CK:
©TxDOT	CONT 0921	SECT 02	JOB 312
REVISIONS	HIGHWAY DICKER RD		
	DIST PHR	COUNTY HIDALGO	
	FEDERAL AID PROJECT		SHEET NO. 65a

**5) *Replace Existing Pedestrian Elements at McColl Intersection -
Compatibility Issues
(Sta 141+00)***

AUSTIN TRAFFIC SIGNAL CONSTRUCTION COMPANY, INC.

REQUEST FOR INFORMATION

ATTN: Beto Garcia

RFI # 1
ATS JOB # 2255
REQUESTED BY: Elroy X. Cavazos

CONTROL NO.: 0921-02-312
HIGHWAY: Dicker Rd
COUNTY: Hidalgo

SUBJECT: APS and Pedestrian Crosswalks
DISIPLINE: 682, 688
LEVEL of CONCERN: High
REF. SHEET(S): 237,238

COST IMPACT:

DATE RFI SENT: 10/30/2020
RESPOND BY: 11/7/2020

INFORMATION REQUESTED

At DICKER RD and McCOLL: 1. The existing conditions for the pedestrian crosswalks note a quantity of 6. 2. The existing conditions for the pedestrian pushbutton have a quantity of 6. Both these items are shown on top left of page 237. On page 239, the note in the bottom left hand of the page has a quantity of 8 for both the crosswalk signal heads and the Audible pushbuttons to be relocated. How will this be addressed? Adding APS pushbuttons that are of a different vendor will not work as systems may be different.

SUGGESTION

The existing layout does not have a crosswalk from the NEC to the SEC. The proposed layout includes the crosswalks. Crosswalk peds and APS units have to be ordered to comply with the proposed layout and will increase the planned quantities for both. A ped detector unit for the controller will also need to be ordered.

RESPONSE

The project manager went over the details with Austin Traffic to reusing the existing pedestian indocator at McColl. The six existing can be reused and ATS will add the other two, but we will need to 1) replace the push button indicator with audible buttons and 2) replace the pedstrian controller unit to match the new items. All existing items that are not reused will be returned to Hidalgo County(Precinct #2).
Add 8Ea. Ped Push Button(APS) 668-6001 & add 1Ea. Ped Detector Controller Unit

ANSWERED BY:



DATE

11-2-2020

6) Replace 18 Pedestrian Two-Way Indicators for Countdown Indicators

ESTIMATE QUANTITY (CONT)

ITEM NO.	DESCRIPTION	UNIT	TOTAL	
			EST	FINAL
0540 6006	MTL BEAM GD FEN TRANS (THRIE-BEAM)	EA	4	CO 1.5 & 7
0540 6015	DRIVEWAY TERMINAL ANCHOR SECTION	EA	2	
0540 6016	DOWNSTREAM ANCHOR TERMINAL SECTION	EA	2	
0542 6001	REMOVE METAL BEAM GUARD FENCE	LF	2801	
0542 6002	REMOVE TERMINAL ANCHOR SECTION	EA	8	
0545 6001	CRASH CUSH ATTEN (INSTL)	EA	10	4.0
0545 6003	CRASH CUSH ATTEN (MOVE & RESET)	EA	4	0.00
0545 6005	CRASH CUSH ATTEN (REMOVE)	EA	10	4.00
0560 6007	MAILBOX INSTALL-S (WC-POST) TY 3	EA	2	
0618 6016	CONDT (PVC) (SCH 40) (1")	LF	806	
0618 6023	CONDT (PVC) (SCH 40) (2")	LF	4965	
0618 6033	CONDT (PVC) (SCH 40) (4")	LF	854	
0618 6034	CONDT (PVC) (SCH 40) (4") (BORE)	LF	213	
0620 6007	ELEC CONDR (NO.8) BARE	LF	1591	
0620 6009	ELEC CONDR (NO.6) BARE	LF	95	
0620 6010	ELEC CONDR (NO.6) INSULATED	LF	190	
0621 6005	TRAY CABLE (4 CONDR) (12 AWG)	LF	1900	
0624 6002	GROUND BOX TY A (122311)W/APRON	EA	52	
0624 6008	GROUND BOX TY C (162911)W/APRON	EA	3	
0625 6002	ZINC COAT STL WIRE STRAND (3/16")	LF	3012	0.00
0628 6301	ELC SRV TY T 120/240 000(NS)GS(L)TS(O)	EA	3	
0644 6027	IN SM RD SN SUP&AM TYS80(1)SA(P)	EA	46	
0644 6030	IN SM RD SN SUP&AM TYS80(1)SA(T)	EA	7	
0644 6033	IN SM RD SN SUP&AM TYS80(1)SA(U)	EA	3	
0644 6038	IN SM RD SN SUP&AM TYS80(1)SA(U-EXAL)	EA	1	
0644 6076	REMOVE SM RD SN SUP&AM	EA	35	
0658 6013	INSTL DEL ASSM (D-SW)SZ (BR)CTB	EA	10	
0658 6061	INSTL DEL ASSM (D-SW)SZ 1 (BRF)GF2	EA	6	
0658 6062	INSTL DEL ASSM (D-SW)SZ 1 (BRF)GF2 (BI)	EA	3	
0662 6004	WK ZN PAV MRK NON-REMOV (W)4"(SLD)	LF	63641	0.00
0662 6017	WK ZN PAV MRK NON-REMOV (W)(ARROW)	EA	3	0.00
0662 6018	WK ZN PAV MRK NON-REMOV (W)(DBL ARW)	EA	0	0.00
0662 6029	WK ZN PAV MRK NON-REMOV(W)(WORD)	EA	3	0.00
0662 6034	WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	LF	76426	0.00
0662 6060	WK ZN PAV MRK REMOV (W)4"(BRK)	LF	150	0.00
0662 6063	WK ZN PAV MRK REMOV (W)4"(SLD)	LF	3500	0.00
0662 6071	WK ZN PAV MRK REMOV (W)8"(SLD)	LF	200	0.00
0662 6075	WK ZN PAV MRK REMOV (W)24"(SLD)	LF	304	0.00
0662 6095	WK ZN PAV MRK REMOV (Y)4"(SLD)	LF	4654	0.00
0666 6030	REFL PAV MRK TY I (W)8"(DOT)(100MIL)	LF	312	
0666 6036	REFL PAV MRK TY I (W)8"(SLD)(100MIL)	LF	1682	
0666 6042	REFL PAV MRK TY I (W)12"(SLD)(100MIL)	LF	2351	
0666 6048	REFL PAV MRK TY I (W)24"(SLD)(100MIL)	LF	573	
0666 6300	RE PM W/RET REQ TY I (W)4"(BRK)(100MIL)	LF	6450	
0666 6303	RE PM W/RET REQ TY I (W)4"(SLD)(100MIL)	LF	3330	
0666 6312	RE PM W/RET REQ TY I (Y)4"(BRK)(100MIL)	LF	4250	
0666 6315	RE PM W/RET REQ TY I (Y)4"(SLD)(100MIL)	LF	29716	
0668 6005	PREFAB PAV MRK TY B (W)(4")(BRK)CNTST	LF	140	
0668 6077	PREFAB PAV MRK TY C (W) (ARROW)	EA	41	
0668 6085	PREFAB PAV MRK TY C (W) (WORD)	EA	17	
0672 6007	REFL PAV MRKR TY I-C	EA	441	
0672 6009	REFL PAV MRKR TY II-A-A	EA	2967	907.00
0677 6001	ELIM EXT PAV MRK & MRKS (4")	LF	48970	2802.0

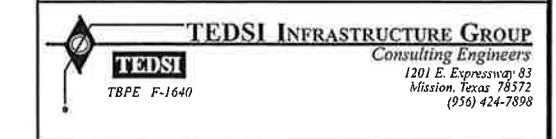
ESTIMATE QUANTITY (CONT)

ITEM NO.	DESCRIPTION	UNIT	TOTAL	
			EST	CO 1.5 & 7
0677 6003	ELIM EXT PAV MRK & MRKS (8")	LF	1043	300.00
0677 6005	ELIM EXT PAV MRK & MRKS (12")	LF	568	128.00
0677 6007	ELIM EXT PAV MRK & MRKS (24")	LF	1350	78.0
0677 6008	ELIM EXT PAV MRK & MRKS (ARROW)	EA	28	5.0
0677 6012	ELIM EXT PAV MRK & MRKS (WORD)	EA	16	3.0
0680 6002	INSTALL HWY TRF SIG (ISOLATED)	EA	4	
0680 6004	REMOVING TRAFFIC SIGNALS	EA	4	
0681 6001	TEMP TRAF SIGNALS	EA	4	0.0
0682 6001	VEH SIG SEC (12")LED(GRN)	EA	32	
0682 6002	VEH SIG SEC (12")LED(GRN ARW)	EA	12	
0682 6003	VEH SIG SEC (12")LED(YEL)	EA	32	
0682 6004	VEH SIG SEC (12")LED(YEL ARW)	EA	12	
0682 6005	VEH SIG SEC (12")LED(RED)	EA	32	
0682 6006	VEH SIG SEC (12")LED(RED ARW)	EA	4	
0682 6017	PED SIG SEC (LED)(2 INDICATIONS)	EA	18	0.0
0682 6023	BACK PLATE (12")(3 SEC)	EA	14	
0682 6025	BACK PLATE (12")(5 SEC)	EA	4	
0684 6010	TRF SIG CBL (TY A)(12 AWG)(5 CONDR)	LF	7955	
0684 6012	TRF SIG CBL (TY A)(12 AWG)(7 CONDR)	LF	2034	
0684 6080	TRF SIG CBL (TY C)(14 AWG)(2 CONDR)	LF	14364	
0686 6019	INS TRF SIG PL AM (S)STR(TY D)	EA	2	
0686 6020	INS TRF SIG PL AM (S)STR(TY D)LUM	EA	5	
0687 6001	PED POLE ASSEMBLY	EA	21	
0688 6001	PED DETECT PUSH BUTTON (APS)	EA	18	26.0
0688 6003	PED DETECTOR CONTROLLER UNIT	EA	3	4.0
0688 6004	VEH LP DETECT (SAWCUT)	LF	7910	
5088 6001	BIRD EXCLUSION METHOD	SF	29027	
6001 6002	PORTABLE CHANGEABLE MESSAGE SIGN	EA	2	4.0
682-6018	PED SIG SEC(12IN)(LED)COUNTDOWN	EA	0.00	18.0
625-6003	ZINC-COAT STL WIRE STRAND(3/8")	EA	0.00	3222.0

CO #1 - Detour Traffic
23rd Street to 10th Street

CO #5 - Detour Traffic
McCull Road to Jackson Road

CO #7 - Detour Traffic
10th Street to McCull Road & Ped



DICKER ROAD
ESTIMATE QUANTITY

SHEET 2 OF 2

FED. RD. DIV. NO.	CDNT	SECT	JOB	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST	COUNTY	PCT	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO
				SHEET NO.
				11ab

DATE: \$DATES\$
FILE: \$FILES\$

7) Adjust 4" and 5" Riprap Quantities, Plan Quantity Error

ESTIMATE QUANTITY

ITEM NO.	DESCRIPTION	UNIT	TOTAL	
			EST	CO 1.5 & 7
0100 6002	PREPARING ROW	STA	136.4	
0104 6009	REMOVING CONC (RIPRAP)	SY	470.0	
0104 6015	REMOVING CONC (SIDEWALKS)	SY	35.0	
0104 6017	REMOVING CONC (DRIVEWAYS)	SY	1433.0	
0104 6022	REMOVING CONC (CURB AND GUTTER)	LF	1419.0	
0104 6032	REMOVING CONC (WHEELCHAIR RAMP)	SY	122.0	
0104 6037	REMOVE CONC (RAIL)	LF	540.0	
0110 6001	EXCAVATION (ROADWAY)	CY	62071.0	
0132 6006	EMBANKMENT (FINAL)(DENS CONT)(TY C)	CY	51338.0	
0160 6005	FURNISHING AND PLACING TOPSOIL	CY	50.0	
0164 6029	CELL FBR MLCH SEED(TEMP)(WARM)	SY	50955.0	
0164 6031	CELL FBR MLCH SEED(TEMP)(COOL)	SY	50955.0	
0168 6001	VEGETATIVE WATERING	MG	1000.0	
0169 6003	SOIL RETENTION BLANKETS (CL 1) (TY C)	SY	244.0	
0204 6003	SPRINKLING (DUST CONTROL)	MG	545.6	
0216 6001	PROOF ROLLING	HR	60.0	
0247 6225	FL BS (RDWY DEL)(TY E GR 4)(FNAL POS)	CY	18253.0	
0251 6185	REWORK BS MATL (TY B)(11")(DENS CONT)	CY	18013.0	
0260 6011	LIME TRT (EXST MATL) (12")	SY	105861.0	
0260 6016	LIME (HYD, COM, OR QK(SLURRY))	TON	3682.0	
0260 6058	LIME TRT(MIX EXST MATL & NEW BASE)(11")	SY	102902.0	
0305 6003	SALV, HAUL & STKPL RCL APH PV (2 TO 4")	SY	58952.0	
0310 6009	PRIME COAT (MC-30)	GAL	20580.0	
0341 6008	D-GR HMA TY-B PG64-22	TON	24102.0	
0341 6047	D-GR HMA TY-D SAC-A PG76-22	TON	16453.0	
0354 6041	PLANE ASPH CONC PAV (1.5")	SY	5647.0	
0400 6005	CEM STABIL BKFL	CY	720.6	553.05
0400 6008	CUT & RESTORING ASPH PAV	SY	603.0	289.0
0400 6010	STRUCT EXCAV (SPECIAL)	CY	6281.0	
0401 6001	FLOWABLE BACKFILL	CY	15.0	
0402 6001	TRENCH EXCAVATION PROTECTION	LF	14113.0	
0403 6001	TEMPORARY SPL SHORING	SF	2005.0	
0409 6002	PRESTR CONC PIL (18 IN SQ)	LF	1218.0	
0416 6030	DRILL SHAFT (TRF SIG POLE) (24 IN)	LF	126.0	
0416 6032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	98.0	
0420 6019	CL C CONC (ABUT)(EXTEND)	CY	117.8	
0420 6033	CL C CONC (CAP)(EXTEND)	CY	23.0	
0422 6003	REINF CONC SLAB (EXTEND SLAB)	SF	8631.0	
0425 6037	PRESTR CONC GIRDER (TX40)	LF	427.9	
0425 6039	PRESTR CONC GIRDER (TX54)	LF	372.3	
0432 6001	RIPRAP (CONC)(4 IN)	CY	993.0	1010.0
0432 6002	RIPRAP (CONC)(5 IN)	CY	166.0	433.8
0442 6007	STR STEEL (MISC NON - BRIDGE)	LB	546.0	
0450 6023	RAIL (TY SSTR)	LF	625.5	
0450 6042	RAIL (TY PR1)	LF	3505.5	
0452 2003	REMOVE RAIL (CONC POST & MTL ELEM)	LF	540.0	
0454 6001	SEALED EXPANSION JOINT (4 IN) (SEJ - A)	LF	127.5	
0462 6003	CONC BOX CULV (4 FT X 2 FT)	LF	63.0	
0462 6004	CONC BOX CULV (4 FT X 3 FT)	LF	339.0	
0462 6012	CONC BOX CULV (6 FT X 5 FT)	LF	2452.0	
0462 6013	CONC BOX CULV (6 FT X 6 FT)	LF	1512.0	
0462 6060	CONC BOX CULV (7 FT X 5 FT)(EXTEND)	LF	148.0	
0462 6070	CONC BOX CULV (9 FT X 7 FT)(EXTEND)	LF	223.0	
0464 6003	RC PIPE (CL III)(18 IN)	LF	206.0	
0464 6025	RC PIPE (CL V)(18 IN)	LF	400.0	
0464 6038	RC PIPE (CL III)(18 IN)(SPL)	LF	1474.0	
0464 6039	RC PIPE (CL III)(24 IN)(SPL)	LF	1424.0	
0464 6040	RC PIPE (CL III)(30 IN)(SPL)	LF	1931.0	
0464 6041	RC PIPE (CL III)(36 IN)(SPL)	LF	250.0	
0464 6042	RC PIPE (CL III)(42 IN)(SPL)	LF	1037.0	
0464 6043	RC PIPE (CL III)(48 IN)(SPL)	LF	520.0	
0464 6044	RC PIPE (CL III)(54 IN)(SPL)	LF	1651.0	

ESTIMATE QUANTITY (CONT)

ITEM NO.	DESCRIPTION	UNIT	TOTAL	
			EST	CO 1.5 & 7
0464 6045	RC PIPE (CL III)(60 IN)(SPL)	LF	915	
0465 6029	INLET (COMPL)(PCU)(3FT)(NONE)	EA	19	
0465 6030	INLET (COMPL)(PCU)(3FT)(LEFT)	EA	15	
0465 6031	INLET (COMPL)(PCU)(3FT)(RIGHT)	EA	8	
0465 6033	INLET (COMPL)(PCU)(4FT)(NONE)	EA	1	
0465 6035	INLET (COMPL)(PCU)(4FT)(RIGHT)	EA	2	
0465 6037	INLET (COMPL)(PCU)(5FT)(NONE)	EA	2	
0465 6038	INLET (COMPL)(PCU)(5FT)(LEFT)	EA	1	
0465 6039	INLET (COMPL)(PCU)(5FT)(RIGHT)	EA	1	
0465 6041	INLET (COMPL)(PCU)(6FT)(NONE)	EA	3	
0465 6074	INLET (COMPL)(PSL)(RC)(5FTX5FT)	EA	4	
0465 6076	INLET (COMPL)(PSL)(RC)(6FTX6FT)	EA	2	
0465 6077	INLET (COMPL)(PSL)(RC)(8FTX8FT)	EA	5	
0465 6158	INLET (COMPL)(PAZD)(FG)(3FTX3FT-3FTX3FT)	EA	5	
0465 6160	INLET (COMPL)(PAZD)(FG)(4FTX4FT-4FTX4FT)	EA	1	
0465 6176	INLET (COMPL)(CURB)(TY C1) (MOD)	EA	10	
0467 6356	SET (TY II) (18 IN) (RCP) (3: 1) (C)	EA	2	
0467 6388	SET (TY II) (24 IN) (RCP) (3: 1) (C)	EA	1	
0480 6001	CLEAN EXIST CULVERTS	EA	2	
0496 6003	REMOV STR (MANHOLE)	EA	1	
0496 6005	REMOV STR (WINGWALL)	EA	4	
0496 6007	REMOV STR (PIPE)	LF	5979	
0496 9001	REMOVE STRUCT (EXIST STANDPIPE)	EA	3	
0496 9002	REMOVE STRUCT (EXIST IRRIG VALVE)	EA	3	
0785 6011	BRIDGE JOINT REPLACEMENT (SEJ)	LF	361	
1007 9001	IRRIG WELL (48") (STANDPIPE)	EA	3	
1007 9002	IRRIG VALVE (14") ALFALFA	EA	3	
1008 6006	PRSSR IRRIG PVC PIPE (15")	LF	388	
7016 6090	CASING (STEEL) (24 IN) (OPEN TRENCH)	LF	258	
0500 6001	MOBILIZATION	LS	1	
0502 6001	BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	23	
0506 6001	ROCK FILTER DAMS (INSTALL) (TY 1)	LF	92	
0506 6004	ROCK FILTER DAMS (INSTALL) (TY 4)	LF	9	
0506 6011	ROCK FILTER DAMS (REMOVE)	LF	101	
0506 6021	CONSTRUCTION EXITS (INSTALL) (TY 2)	SY	1463	
0506 6024	CONSTRUCTION EXITS (REMOVE)	SY	1463	
0506 6031	FRNT END LOADER WORK (ERSN & SEDM CONT)	HR	60	
0506 6038	TEMP SEDMT CONT FENCE (INSTALL)	LF	5147	
0506 6039	TEMP SEDMT CONT FENCE (REMOVE)	LF	5147	
0506 6041	BIODEG EROSN CONT LOGS (INSTL) (12")	LF	1085	
0506 6043	BIODEG EROSN CONT LOGS (REMOVE)	LF	1085	
0508 6001	CONSTRUCTING DETOURS	SY	13864	0.00
0512 6001	PORT CTB (FUR & INST)(SGL SLOPE)(TY 1)	LF	3180	0.00
0512 6009	PORT CTB (FUR & INST)(LOW PROF)(TY 1)	LF	6880	1120.0
0512 6010	PORT CTB (FUR & INST)(LOW PROF)(TY 2)	LF	320	40.00
0512 6025	PORT CTB (MOVE)(SGL SLP)(TY 1)	LF	2130	0.00
0512 6049	PORT CTB (REMOVE)(SGL SLP)(TY 1)	LF	3180	0.00
0512 6057	PORT CTB (REMOVE)(LOW PROF)(TY 1)	LF	6880	1120.00
0512 6058	PORT CTB (REMOVE)(LOW PROF)(TY 2)	LF	320	40.00
0529 6029	CONC CURB & GUTTER (TY A)	LF	26665	
0529 6031	CONC CURB & GUTTER (VALLEY GUTTER) (48")	LF	89	
0530 6004	DRIVEWAYS (CONC)	SY	831	
0530 6005	DRIVEWAYS (ACP)	SY	6225	
0531 6001	CONC SIDEWALKS (4")	SY	16141	
0531 6004	CURB RAMPS (TY 1)	EA	28	
0540 6001	MTL W-BEAM GD FEN (TIM POST)	LF	575	
4024-6002	RC LOW HEAD PRSSR PIPE (CL III)(18")	LF	400	CO #2

CO #1 - Detour Traffic
23rd Street to 10th Street
CO #5 - Detour Traffic
McColl Road to Jackson Road

CO #7 - Detour Traffic and close Dicker
between 10th Street to McColl Road &
Increase Riprap 4" & 5"

The County of Hidalgo
Pct 2

Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78572
(956) 424-7898

**DICKER ROAD
ESTIMATE QUANTITY**

SHEET 1 OF 2

FED. RD DIV. NO.	CONT	SECT	JOB	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST	COUNTY	PCT	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	11a

CO #7 RAINAGE SUMMARY

LOCATION	400 6001 (*) STRUCT EXCAV (CY)	400 6002 (*) STRUCT EXCAV (BOX) (CY)	400 6010 STRUCT EXCAV (SPECIAL) (CY)	402 6001 TRENCH EXCAV. PROTECT. (LF)	462 6003 CONC BOX CULV (4FTx2FT) (LF)	462 6004 CONC BOX CULV (4FTx3FT) (LF)	462 6012 CONC BOX CULV (6FTx5FT) (LF)	462 6013 CONC BOX CULV (6FTx6FT) (LF)	464 6038 RC PIPE (CL III) (18 IN) (SPL) (LF)	464 6039 RC PIPE (CL III) (24 IN) (SPL) (LF)	464 6040 RC PIPE (CL III) (30 IN) (SPL) (LF)	464 6041 RC PIPE (CL III) (36 IN) (SPL) (LF)	464 6042 RC PIPE (CL III) (42 IN) (SPL) (LF)	464 6043 RC PIPE (CL III) (48 IN) (SPL) (LF)	464 6044 RC PIPE (CL III) (54 IN) (SPL) (LF)	464 6045 RC PIPE (CL III) (60 IN) (SPL) (LF)	
DICKER ROAD																	
U&D 1 OF 12			400	1,034				1021.5	614	317	137						
U&D 2 OF 12		430	223	844	63	339		1178.5	63	379							
U&D 3 OF 12			982	1,362				61	240		646		190		227		
U&D 4 OF 12		347	222	1,341			1,015	92	120	60					148		
U&D 5 OF 12		400	134	1,495			1,169	147	120	60							
U&D 6 OF 12		419	72	1,354			268	955	44	120							
U&D 7 OF 12		192		557				557									
U&D 8 OF 12			774	1,290					190	390		250	391	72			
U&D 9 OF 12			1,135	1,306					62	62				258		924	
U&D 10 OF 12			1,305	1,343					84	86	60					352	869
U&D 11 OF 12			561	1,203					329	285	543						46
U&D 12 OF 12			56	164					164								
THROUGHOUT PROJECT	33,659																
TOTAL	33,659	1,788	5,864	13,293	63	339	2,452	1,512	1,474	1,424	1,931	250	1,037	520	1,651	915	

* FOR CONTRACTOR INFORMATION ONLY
 ** CUT AND RESTORING PAVEMENT FOR DRAINAGE QUANTITY ON TCP SUMMARY

DRAINAGE SUMMARY (CONTINUATION)

LOCATION	465 6029 INLET (COMPL) (PCU) (3FT) (NONE) (EA)	465 6030 INLET (COMPL) (PCU) (3FT) (LEFT) (EA)	465 6031 INLET (COMPL) (PCU) (3FT) (RIGHT) (EA)	465 6033 INLET (COMPL) (PCU) (4FT) (NONE) (EA)	465 6035 INLET (COMPL) (PCU) (4FT) (RIGHT) (EA)	465 6037 INLET (COMPL) (PCU) (5FT) (NONE) (EA)	465 6038 INLET (COMPL) (PCU) (5FT) (LEFT) (EA)	465 6039 INLET (COMPL) (PCU) (5FT) (RIGHT) (EA)	465 6041 INLET (COMPL) (PCU) (6FT) (NONE) (EA)	465 6074 INLET (COMPL) (PSL) (RC) (5FTx5FT) (EA)	465 6076 INLET (COMPL) (PSL) (RC) (6FTx6FT) (EA)	465 6077 INLET (COMPL) (PSL) (RC) (8FTx8FT) (EA)	465 6158 INLET (COMPL) (PAZD) (FG) (3FTx3FT) (EA)	465 6160 INLET (COMPL) (PAZD) (FG) (4FTx4FT) (EA)	465 6176 INLET (COMPL) (CURB) (TY C1) (MOD) (EA)	467 6356 S.E.T (TY II) (18 IN) (RCP) (3:1) (C) (EA)	467 6388 S.E.T (TY II) (24 IN) (RCP) (3:1) (C) (EA)
DICKER ROAD																	
U&D 1 OF 12	8																1
U&D 2 OF 12		1	1		1		1			1							
U&D 3 OF 12		3				1				1					2		
U&D 4 OF 12	1	2										2	1		3		
U&D 5 OF 12	1	2	1									1	1		4		
U&D 6 OF 12		2	3									1	1	1	1	2	
U&D 7 OF 12												1					
U&D 8 OF 12		4	1		1	1		1		1							
U&D 9 OF 12	1		1						2	1							
U&D 10 OF 12	3	1	1					1				1					
U&D 11 OF 12	3			1						1							
U&D 12 OF 12	2																
TOTAL	19	15	8	1	2	2	1	1	3	4	2	5	3	1	10	2	1

CULVERT SUMMARY

LOCATION	104 6009 REMOVING CONC (RIPRAP) (SY)	132 6006 EMBANKMENT (FINAL) (DENS CONT) (TY C) (CY)	* 400 6001 STRUCT EXCAV (CY)	400 6005 CEM STABIL BKFL (CY)	400 6010 STRUCT EXCAV (SPECIAL) (CY)	403 6001 TEMP SPL SHORING (SF)	432 6002 RIPRAP (CONC) (5") (CY)	462 6060 CONC BOX CULVERT (7 FT X 5 FT) (EXTEND) (LF)	462 6070 CONC BOX CULVERT (9 FT X 7 FT) (EXTEND) (LF)	464 6003 RC PIPE (CL III) (18") (LF)	465 6158 INLET (COMPL)(PAZD) (FG)(3FT X 3FT) (EA)	496 6007 REMOVE STRUCT PIPE (LF)	CO #7 432 6001 RIPRAP (CONC) (4") (CY)
DICKER ROAD CULVERTS													
CULV. SHEET 1 OF 3	20		156	8	32		0.0			206	2	140	17.0
CULV. SHEET 2 OF 3		8,652	1,280		182	700	167.4	223					
CULV. SHEET 3 OF 3		6,834	1,244		63	400	148.4						
PROJECT TOTAL	20	15,486	2,680	8	277	1,100	313.8	148	223	206	2	140	17.0

* FOR CONTRACTOR INFORMATION ONLY
 ** CUT AND RESTORING PAVEMENT FOR IRRIGATION INCLUDED ON TCP SUMMARY

CO #7 - Adjust the riprap quantity to match plan quantity



The County of Hidalgo
Pct 2



Texas Department of Transportation



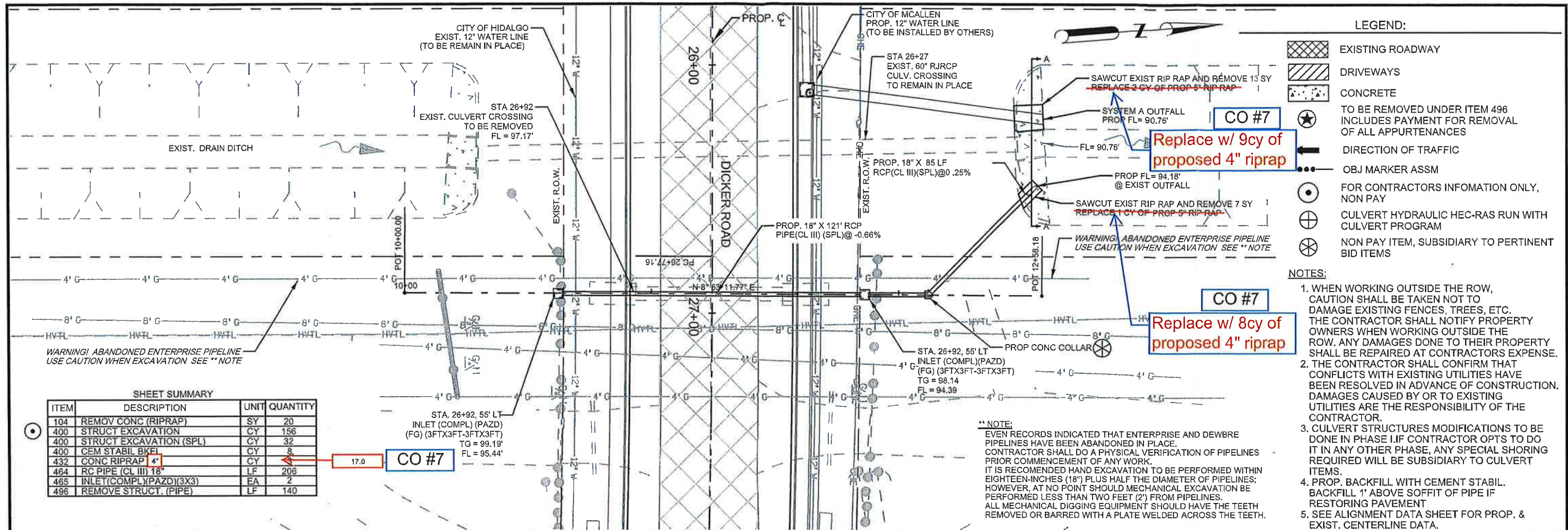
TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78372
(956) 424-7898

DICKER ROAD
DRAINAGE SUMMARIES

SHEET 1 OF 1

FED. RD. DIV. NO.	CONT.	SECT.	JOB.	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	14a

DATE: 4/27/2018 10:24:39 AM
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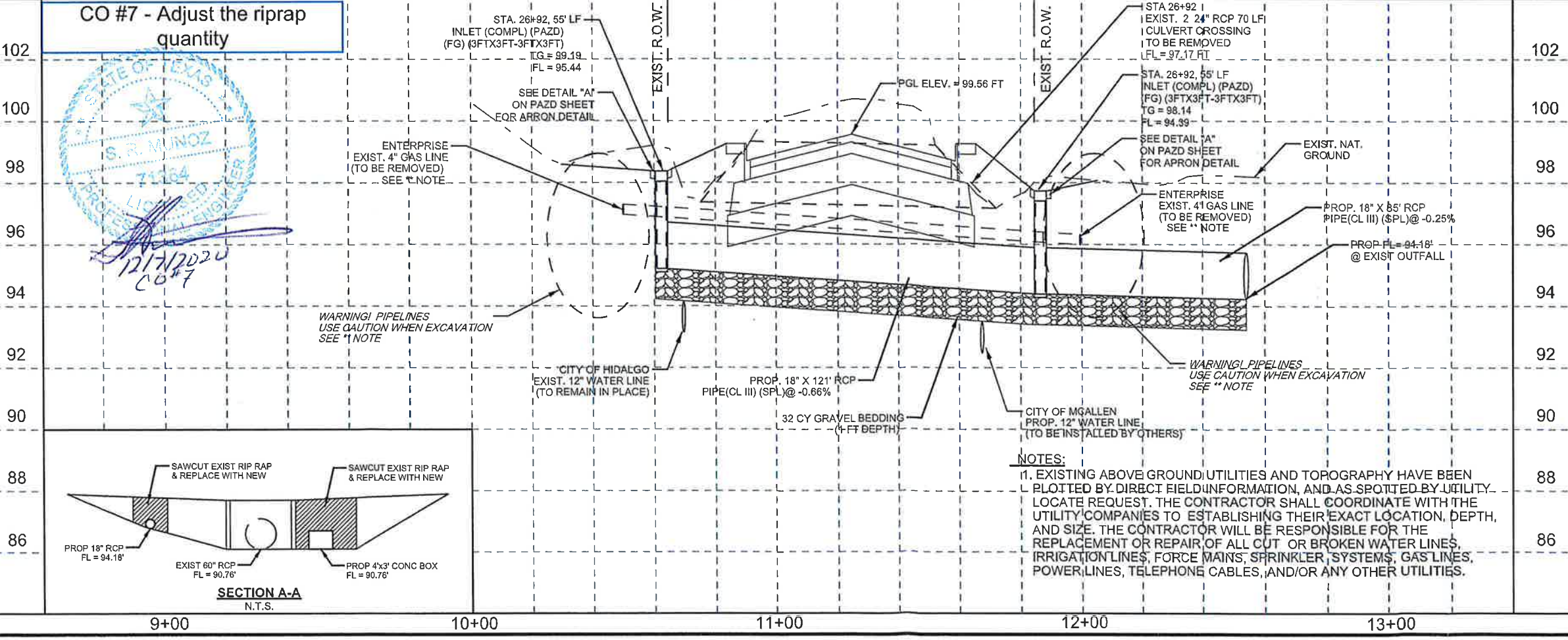
- LEGEND:**
- EXISTING ROADWAY
 - DRIVEWAYS
 - CONCRETE
 - TO BE REMOVED UNDER ITEM 496 INCLUDES PAYMENT FOR REMOVAL OF ALL APPURTENANCES
 - DIRECTION OF TRAFFIC
 - OBJ MARKER ASSM
 - FOR CONTRACTORS INFORMATION ONLY, NON PAY
 - CULVERT HYDRAULIC HEC-RAS RUN WITH CULVERT PROGRAM
 - NON PAY ITEM, SUBSIDIARY TO PERTINENT BID ITEMS

- NOTES:**
1. WHEN WORKING OUTSIDE THE ROW, CAUTION SHALL BE TAKEN NOT TO DAMAGE EXISTING FENCES, TREES, ETC. THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS WHEN WORKING OUTSIDE THE ROW. ANY DAMAGES DONE TO THEIR PROPERTY SHALL BE REPAIRED AT CONTRACTORS EXPENSE.
 2. THE CONTRACTOR SHALL CONFIRM THAT CONFLICTS WITH EXISTING UTILITIES HAVE BEEN RESOLVED IN ADVANCE OF CONSTRUCTION. DAMAGES CAUSED BY OR TO EXISTING UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 3. CULVERT STRUCTURES MODIFICATIONS TO BE DONE IN PHASE I. IF CONTRACTOR OPTS TO DO IT IN ANY OTHER PHASE, ANY SPECIAL SHORING REQUIRED WILL BE SUBSIDIARY TO CULVERT ITEMS.
 4. PROP. BACKFILL WITH CEMENT STABIL. BACKFILL 1' ABOVE SOFFIT OF PIPE IF RESTORING PAVEMENT
 5. SEE ALIGNMENT DATA SHEET FOR PROP. & EXIST. CENTERLINE DATA.

SHEET SUMMARY

ITEM	DESCRIPTION	UNIT	QUANTITY
104	REMOV CONC (RIPRAP)	SY	20
400	STRUCT EXCAVATION	CY	156
400	STRUCT EXCAVATION (SPL)	CY	32
400	CEM STABIL BKF	CY	8
432	CONC RIPRAP 4"	CY	17.0
464	RC PIPE (CL III) 18"	LF	206
465	INLET (COMPL) (PAZD) (3X3)	EA	2
496	REMOVE STRUCT. (PIPE)	LF	140

**** NOTE:**
EVEN RECORDS INDICATED THAT ENTERPRISE AND DEWBRE PIPELINES HAVE BEEN ABANDONED IN PLACE. CONTRACTOR SHALL DO A PHYSICAL VERIFICATION OF PIPELINES PRIOR COMMENCEMENT OF ANY WORK. IT IS RECOMMENDED HAND EXCAVATION TO BE PERFORMED WITHIN EIGHTEEN-INCHES (18") PLUS HALF THE DIAMETER OF PIPELINES; HOWEVER, AT NO POINT SHOULD MECHANICAL EXCAVATION BE PERFORMED LESS THAN TWO FEET (2') FROM PIPELINES. ALL MECHANICAL DIGGING EQUIPMENT SHOULD HAVE THE TEETH REMOVED OR BARRED WITH A PLATE WELDED ACROSS THE TEETH.



CO #7 - Adjust the riprap quantity



ROBERTO FINA CARRAL
DATE 4/26/2018

The County of Hidalgo
Pct 2

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Texas Department of Transportation

TEDSI INFRASTRUCTURE GROUP
Consulting Engineers
1201 E. Expressway 83
Mission, Texas 78132
(936) 424-7899

DICKER ROAD
CULVERT NO. 1
HCIWD No 3 DRAIN
STA 26+92.19

SCALE:
HOR: 1"= 40'
VER: 1"= 4'

SHEET 1 OF 3

FED. RD DIV. NO.	CONT.	SECT.	JOB.	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	164a

DATE: 4/26/2018 1:36:36 PM
FILE: Dicker-Culv1.dgn

CO #7

ESTIMATED QUANTITIES

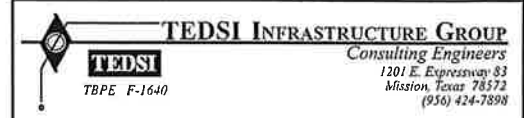
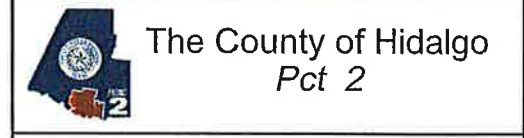
DESCRIPTION	400 6005	403 6001	432 6002	409 6002	420 6019	420 6033	422 6003	425 6037	442 6007	454 6001	450 6023	450 6042	785 6011
	CEM STABIL BKFL (CY)	TEMPORARY SPL SHORING (SF)	RIPRAP (CONC) (5 IN) (CY)	PRESTR CONC PIL (18 IN SQ) (LF)	CL C CONC (ABUT) (EXTEND) (CY)	CL C CONC (CAP) (EXTEND) (CY)	REINF CONC SLAB (EXTEND SLAB) (SF)	PRESTR CONC GIRDER (TX 40) (LF)	STR STEEL (MISC NON - BRIDGE) (LB)	SEALED EXPANSION JOINT (4 IN) (SEJ-A) (LF)	RAIL (TY SSTR) (LF)	RAIL (TY PR11) (LF)	BRIDGE JOINT REPLACEMENT (SEJ) (LF)
PHARR - SAN JUAN MAIN CANAL													
2- ABUTMENTS	229.4	420	60.0	420	48.2					64		64	167.3
2- INTERIOR BENT				348		23.0							
1- 144.14' PRESTRESSED CONC TxGIRD SPAN							4643	427.9			288	288	
									252				
TOTAL:	229.4	420	60.0	768	48.2	23.0	4643	427.9	252	64	288	352	167.3

BEARING SEAT ELEVATIONS

	BEAM 1	BEAMS 2 THROUGH 7	BEAM 8	BEAM 9
ABUT 1 (FWD)	104.347	EXISTING ELEVATION	104.463	104.293
BENT 2 (BK)	104.497	EXISTING ELEVATION	104.643	104.473
BENT 2 (FWD)	104.507	EXISTING ELEVATION	104.653	104.483
BENT 3 (BK)	104.507	EXISTING ELEVATION	104.673	104.503
BENT 3 (FWD)	104.500	EXISTING ELEVATION	104.573	104.493
ABUT 4 (BK)	104.387	EXISTING ELEVATION	104.523	104.353

NO	STATION	LEFT SIDE OF BRIDGE				CENTER OF EXIST BRIDGE	RIGHT SIDE OF BRIDGE			
		STA	PROP ELEV LT EDGE DECK (ft)	EXIST SLOPE LT SIDE (%)	DIST FROM PROP CL TO LT SAW CUT (ft)		EXIST ELEV LT SAW CUT LINE (ft)	EXIST ELEV AT CL (ft)	EXIST ELEV RT SAW CUT LINE (ft)	DIST FROM PROP CL TO RT SAW CUT LINE (ft)
BEG	87+47.26	108.55	-2.16	24.77	108.81	109.35	109.02	17.06	-1.94	108.96
	87+50.00	108.56	-2.16	24.77	108.82	109.36	109.02	17.06	-1.99	108.96
	87+60.00	108.62	-2.09	24.77	108.87	109.39	109.04	17.06	-2.04	108.98
	87+70.00	108.67	-2.02	24.77	108.92	109.42	109.06	17.06	-2.09	109.00
	87+80.00	108.72	-1.98	24.77	108.96	109.45	109.10	17.06	-2.04	109.04
BENT 1	87+83.27	108.73	-1.94	24.77	108.97	109.45	109.11	17.06	-1.99	109.05
	87+90.00	108.75	-1.94	24.77	108.99	109.47	109.14	17.06	-1.94	109.08
	88+00.00	108.77	-1.98	24.77	109.01	109.50	109.17	17.06	-1.94	109.11
	88+10.00	108.78	-1.98	24.77	109.02	109.51	109.20	17.06	-1.84	109.14
	88+20.00	108.75	-2.05	24.77	109.00	109.51	109.20	17.06	-1.79	109.15
	88+30.00	108.72	-2.12	24.77	108.98	109.51	109.20	17.06	-1.79	109.15
	88+40.00	108.73	-2.09	24.77	108.98	109.50	109.18	17.06	-1.89	109.12
	88+50.00	108.73	-2.05	24.77	108.98	109.49	109.15	17.06	-1.99	109.09
BENT 2	88+55.41	108.72	-2.05	24.77	108.97	109.48	109.13	17.06	-2.04	109.07
	88+60.00	108.84	-1.69	24.77	109.05	109.47	109.11	17.06	-2.08	109.05
	88+70.00	108.68	-2.05	24.77	108.93	109.44	109.13	17.06	-1.84	109.07
	88+80.00	108.65	-2.05	24.77	108.90	109.41	109.10	17.06	-1.84	109.04
END	88+91.40	108.61	-2.02	24.77	108.86	109.36	109.05	17.06	-1.84	108.99

CO #7 - Adjust the riprap quantity



DICKER ROAD ESTIMATED QUANTITIES AND BEARING SEAT ELEVATIONS PHARR SAN JUAN MAIN CANAL

SHEET 1 OF 1

FED. RD DIV. NO.	CONT.	SECT.	JOB	HIGHWAY	
06	0921	02	312	DICKER ROAD	
STATE	DIST.	COUNTY	PCT.	CITY	SHEET NO.
TEXAS	PHR	HIDALGO	No 2	HIDALGO	193a

DATE: 4/27/2018 8:43:48 AM
FILE: Dicker-EQ.dgn

CO #7

ESTIMATED QUANTITIES

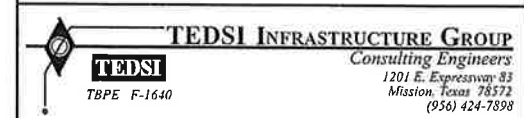
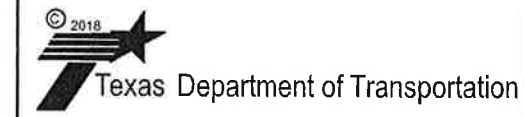
DESCRIPTION	400 6005	403 6001	432 6002	409 6002	420 6019	422 6003	425 6039	442 6007	454 6001	450 6023	450 6042	785 6011
	CEM STABIL BKFL (CY)	TEMPORARY SPL SHORING (SF)	RIPRAP (CONC) (5 IN) (CY)	PRESTR CONC PIL (18 IN SQ) (LF)	CL C CONC (ABUT) (EXTEND) (CY)	REINF CONC SLAB (EXTEND SLAB) (SF)	PRESTR CONC GIRDER (TX 54) (LF)	STR STEEL (MISC NON - BRIDGE) (LB)	SEALED EXPANSION JOINT (4 IN) (SEJ-A) (LF)	RAIL (TY SSTR) (LF)	RAIL (TY PR11) (LF)	BRIDGE JOINT REPLACEMENT (SEJ) (LF)
SOUTH FLOODWAY CHANNEL												
2- ABUTMENTS	336.2	485	60.0	450	69.6				63.5	88	88	194
1- 124.614' PRESTRESSED CONC TxGIRD SPAN						3988	372.3	294		249.2	249.2	
TOTAL:	336.2	485	60.0	450	69.6	3988	372.3	294	63.5	337.2	337.2	194

BEARING SEAT ELEVATIONS SOUTH FLOODWAY CHANNEL BRIDGE

	BEAM 1	BEAMS 2 THROUGH 9	BEAM 10	BEAM 11
ABUT 1 (FWD)	91.235	EXISTING ELEVATION	91.265	91.255
ABUT 2 (BK)	91.225	EXISTING ELEVATION	91.265	91.265

NO	STATION	LEFT SIDE OF BRIDGE				CENTER OF EXIST BRIDGE	RIGHT SIDE OF BRIDGE				
		STA	PROP ELEV LT EDGE DECK (ft)	EXIST SLOPE LT SIDE (%)	DIST FROM PROP CL TO LT SAW CUT (ft)		EXIST ELEV LT SAW CUT LINE (ft)	EXIST ELEV AT CL (ft)	EXIST ELEV RT SAW CUT LINE (ft)	DIST FROM PROP CL TO RT SAW CUT LINE (ft)	EXIST SLOPE RT SIDE (%)
	130+41.35	96.06	-2.10	24.62	96.32	96.89					
BEG	130+56.04	96.02	-2.43	24.62	96.32	96.93					
	130+66.14	96.03	-2.32	24.62	96.32	96.89	96.54	17.39	-2.01	96.15	
	130+70.00	96.04	-2.28	24.62	96.32	96.89	96.55	17.39	-2.31	96.10	
	130+80.00	96.07	-2.17	24.62	96.34	96.87	96.63	17.39	-1.42	96.35	
	130+90.00	96.09	-2.14	24.62	96.35	96.87	96.66	17.39	-1.28	96.41	
	131+00.00	96.10	-2.10	24.62	96.36	96.87	96.61	17.39	-1.52	96.31	
	131+10.00	96.12	-2.03	24.62	96.37	96.87	96.56	17.39	-1.77	96.22	
	131+20.00	96.12	-2.03	24.62	96.37	96.86	96.58	17.39	-1.62	96.26	
	131+30.00	96.12	-2.03	24.62	96.37	96.86	96.60	17.39	-1.47	96.32	
	131+40.00	96.11	-1.99	24.62	96.36	96.85	96.60	17.39	-1.52	96.30	
	131+50.00	96.13	-1.96	24.62	96.37	96.85	96.54	17.39	-1.77	96.19	
	131+60.00	96.23	-1.77	24.62	96.45	96.85	96.50	17.39	-1.96	96.12	
	131+66.13	96.30	-1.56	24.62	96.49	96.87	96.55	17.39	-1.86	96.18	
	131+70.00	96.32	-1.52	24.62	96.51	96.88	96.58	17.39	-1.77	96.23	
END	131+80.65					96.93	96.60	17.39	-2.26	96.16	
	131+91.36					96.89	96.61	17.39	-2.26	100.61	

CO #7 - Adjust the riprap quantity



DICKER ROAD ESTIMATED QUANTITIES AND BEARING SEAT ELEVATIONS SOUTH FLOODWAY CHANNEL

SHEET 1 OF 1

FED. RD DIST. NO.	CONT	SECT	JOB	HIGHWAY
06	0921	02	312	DICKER ROAD
STATE	DIST	COUNTY	PCT	CITY
TEXAS	PHR	HIDALGO	No 2	HIDALGO

200a

DATE: 4/27/2018 8:43:49 AM
FILE: Dicker-EQ1.dgn



Letter of Transmittal

To: Mr. Armando Garza, Jr., Chief Administrator
Attn: Ms. Erika Zamora, Director of Administrative Operations
Hidalgo County Precinct No. 2
300 W. Hall Acres Rd.
Pharr, TX 78577

DATE:
December 16, 2020

RE: Dicker Road Reconstruction Project (C-19-016-08-13)
CSJ: 0921-02-312

TRANSMITTED:

- For Your Use, As Requested, Please comment, Reply ASAP, Approved as Noted, As Noted Below

VIA:

- US Mail, E-Mail, Courier, Lonestar Overnight, Hand Carry, Pick up

COPIES

DESCRIPTION

2 Change Order No. 7 - 23rd Street Signal Modification, Irrigation Line, 6x5 Boxes, Etc.

REMARKS:

Should you have any questions or comments, please feel free to contact me, Mr. Saul Muñoz or Mr. Stanley Ramos at (956) 585-3773.

Thank you,

[Handwritten signature of Saul R. Munoz]

Saul R. Munoz, Project Manager

Received By: _____
Date: _____ Time: _____