

## Change Order #4 Las Milpas Road

Owner: Hidalgo County Precinct #2

To: GO Underground, LLC  
217 E. Monroe Ave.  
Harlingen Texas 78550-5519

From: B2Z Engineering

Project: Las Milpas Road  
Contract: C-22-0094-09-06(ARPA 22-1-122-109)  
Limits: McColl Rd (FM 3062) to 10<sup>th</sup> Street (FM 336)

Change Order #4 has been approved to make the following changes.

Description: Change Order No. 4 extends a proposed 12' x 8' concrete box drainage culvert 24 Ft to the north to protect an exposed gas line.

The Las Milpas plans were originally designed to construct a 12'x8' Single Barrel Box Culvert short of two existing gas lines. Two gas lines are in direct conflict with the culvert opening on the north end. The culvert end will extend 24 ft. beyond the gas lines for safety reasons. The gas lines were adjusted over the top of the 12'x8' culvert and backfilled for protection. CO #4 adds 24 ft. of 12'x8' culvert, structural excavation, trench excavation protection, gravel bedding, sand backfill for boxes, embankment backfill and riprap to complete the work. GO requested another 40 days and 2 months of barricades to extend the structure and recover lost time to utility adjustments. GO is currently constructing the 12'x8' box culvert. The change order work will be completed without delays.

The Las Milpas plans were prepared by RDJ and B2Z, and the change order was prepared by B2Z. The 12' x 8' structure is currently under construction and expediting the approval of this change order is necessary not to delay the contractor or extend the time any further.

Hidalgo County Precinct 2 agrees with Change Order No. 4. The change does not impact the original environmental assessment, does not impact TDLR elements, does not impact wetlands, does not impact waters of the US, or archeological, historical, or social issues, such as endangered species or regulated areas within the project. This change order will not cause a disturbance that requires a site notification.

B2Z reviewed Change Order #4 with Precinct #2 to explain the changes in the current contract. CO #4 does not add new items into the original contract, it only modified existing quantities and two existing plan sheets, 5a and 117a. See the TxDOT Change Order Form 2146-L used to introduce Change Order #4, and revised plan sheets: 5a & 117a.

Change Order No. 4 has been signed by both Hidalgo County Precinct 2 and GO Underground.

<b>CHANGE IN CONTRACT PRICE:</b>	<b>CHANGE IN CONTRACT TIME:</b>
Original Contract Price <u>\$3,694,806.64</u>	Original Contract Time <u>160 working Days</u>
Previous Change Orders <u>-\$306,476.60</u>	Previous Change Orders 0 Working Days

Contract Price prior to this Change Order <u>\$3,388,330.04</u>	Contract Time prior to this Change Order <u>160 Working Days</u>
Net increase/decrease of the Change Order <u>\$63,492.00</u>	Net increase/decrease of the Change Order <u>40 Working Days</u>
Contract Price with all approved Change Orders <u>\$3,451,822.04</u>	Contract Time with all approved Change Orders <u>200 Working Days</u>

**CONSTRUCTION CONTRACT CHANGE ORDER NUMBER: 4**

1. CONTRACTOR: GO Underground, LLC

2. Change Order Work Limits: Sta. Sta 141+50 to Sta. 141+50

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.

To extend the north end of a 12'x8' Single Barrel Box Culvert 24 ft. under a 2.5" high pressure gas line that is in direct conflict with the culvert opening. The extension will require excavation, gravel bedding, trench protection, sand backfill, embankment, and riprap. GO is currently constructing the 12'x8' culvert, and the additional work extends existing items on the original contract. The work will require 40 days of time and 2 months of barricades.

CCSJ: NA

Project: Las Milpas Road

Highway: Las Milpas Road

County: Hidalgo

District: Pharr

Contract Number: C22-0094-09-06

5. New or revised plan sheet(s) are attached and numbered: 5a, 117a

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><b>The following information must be provided</b></p> <p>Time Ext. #: <u>1</u> Days added on this C.O.: <u>40</u></p> <p>Amt. added by this change order: <u>\$63,492.00</u></p>
<p>THE CONTRACTOR Date <u>11-20-23</u></p> <p>By <u>George Olivares</u></p> <p>Typed/Printed Name <u>George Olivares</u></p> <p>Typed/Printed Title <u>President</u></p>	<p><b>For TxDOT use only:</b></p> <p>Days participating: <u>0</u></p> <p>Amount participating: <u>NA</u></p> <p>Signature _____ Date _____</p> <p>Name/Title _____</p>

**RECOMMENDED FOR EXECUTION:**

[Signature] 11/10/2023  
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:









SUMMARY OF PROP. DRAINAGE AND IRRIGATION STRUCTURES																																		
SHEET NO.	ITEM 132		ITEM 400		ITEM 402		ITEM 432		ITEM 482				ITEM 484				ITEM 485				ITEM 486		ITEM 487		ITEM 479		ITEM 488		ITEM 1007			ITEM 1008		ITEM 1049
	EMISOMY (FINAL) (DEVS CONT) (TY C)	STRUCY EXCAV (SPL)	SAND BACKFILL (CY)	TRENCH EXCAVATION PROTECTION (LF)	BERRAP (CONC) (CY)	CONC BOX CULV (7'X9') (LF)	CONC BOX CULV (7'X7') (LF)	CONC BOX CULV (12'X8') (LF)	RC PIPE (CL II) (15") (LF)	RC PIPE (CL II) (14") (LF)	RC PIPE (CL II) (14") (24") (LF)	RC PIPE (CL II) (14") (24") (LF)	JCTBOX (CONC) (CY)	JCTBOX (CONC) (CY)	INLET (CONC) (CY)	JCTBOX (CONC) (CY)	WINGWALL (SW-6) (HW-9) (CY)	WINGWALL (SW-6) (HW-9) (CY)	SET YTH (16"RCP) (6"IP) (CY)	ADJUSTING INLETS (EA)	REMOV STRUCT. (MANHOLE) (EA)	REMOV STRUCT. (PIPE) (LF)	IRRIGATION VALVE (12") (EA)	IRRIGATION WELL (24") (EA)	IRRIGATION GATE (12") (EA)	PRSSR IRRG PVC PIPE (16") (LF)	PRSSR IRRG PVC PIPE (12") (LF)	SPLIT STEEL CASING (24") (LF)						
LAS MILPAS																																		
1 OF 14			193	197							157																							
2 OF 14			487	380							350																							
3 OF 14			578	484							454																							
4 OF 14			614	500							500																							
5 OF 14			614	500							500																							
6 OF 14			614	500							500																							
7 OF 14			614	500							500																							
8 OF 14			428	534							214																							
9 OF 14				372							368																							
14 OF 14			85	289							289																							
	8676	201	656	312	125						312																							
CULVERTY 141+80	831	141	434	344	87						344																							
CULVERTY 145+05	8197	111	442	371	83	87	271																											
IRRIGATION 118+40		13	26	104	4						72																							
IRRIGATION 187+83		9	23	78							78																							
GRAND TOTAL	44343	334	4390	4664	186	87	341	345	289	682	142	3341	1	2	2	1	2	2	2	4	1	1	1	1	1	1	1	1	1	1	1			
	16813	334	5358	4989	224						312																							
	CO#4	CO#4	CO#4	CO#4	CO#4						CO#4																							

ADDITIVE ALTERNATIVE #1									
SUMMARY OF IRRIGATION BRIDGE STRUCTURE									
BRIDGE STATION	400	409	428	430	432	438	450	454	
	8005	6001	6004	6013	6025	6001	6037	6023	6018
	CEMENT STABILIZED BACKFILL	PRESTR CONC PILE (18" SQ)	PRESTR CONC PILE (24" SQ)	CL C (ABUT)	CL C (BENT)	CONC SLAB	PRESTR CONC GIRDER (17'X40)	RAIL (TY 55STR)	SEALED EXPANSION JOINT (4") (SEJ-M)
	(CY)	(LF)	(LF)	(CY)	(CY)	(SF)	(LF)	(LF)	(LF)
	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.	EST.
LAS MILPAS STA 142+17.11 TO STA 143+87.11	245	1240	420	87.7	22.9	8000	1074	723	106
GRAND TOTAL	245	1240	420	87.7	22.9	8000	1074	723	106

CO#4 - Extend a 12"x8" box culvert 24ft to protect a 2.5" high pressure gas line in conflict with the culvert opening.



TYPE FIRM NO. F-11187



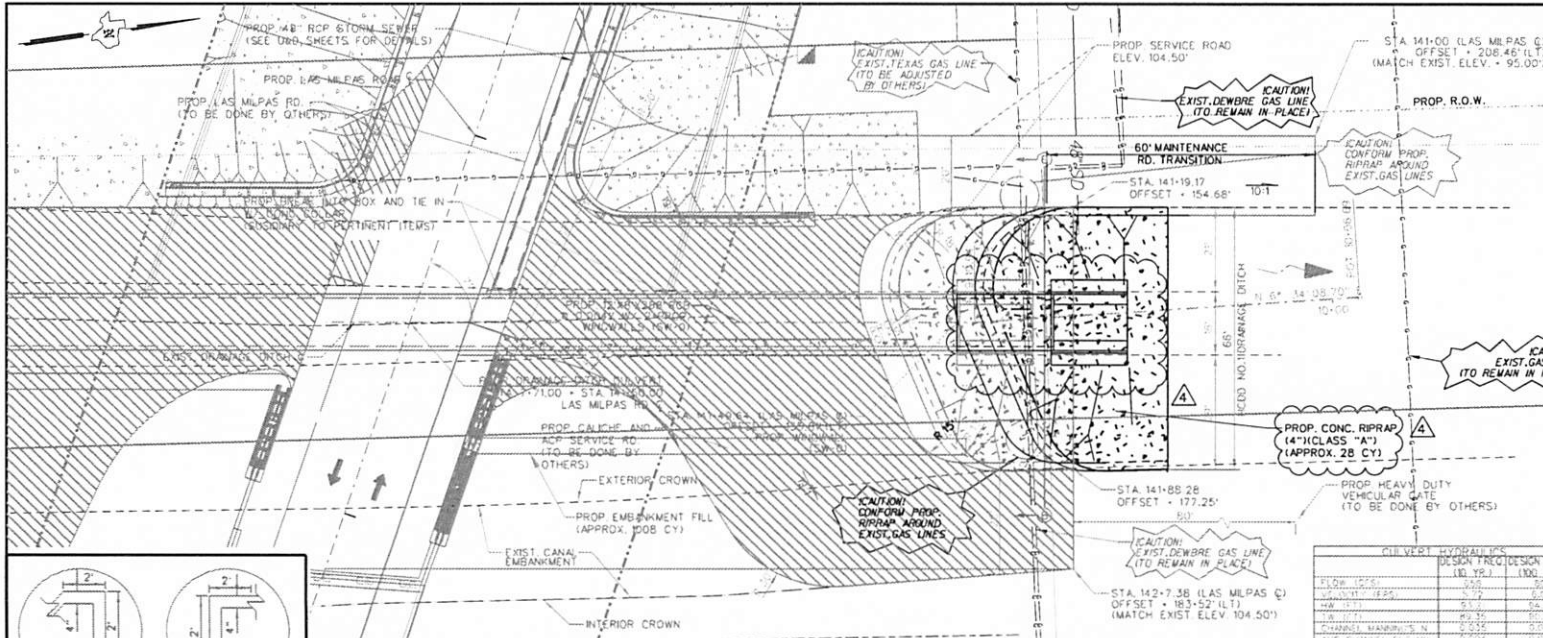
COMMISSIONER EDUARDO "EDDIE" CANTU

LAS MILPAS ROAD SUMMARY SHEET OF ESTIMATED QUANTITIES

SHEET 1 OF 2

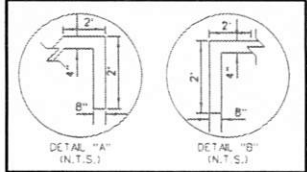
DR	US 28	STATE	PROJECT NO.	SHEET
CD	6	TEXAS		SA
CD				
CD	STATE	HQ# 01742	28	28
CD	PREP	Bernalillo		MILPAS

02/12/2021 P:\C-22-0094-09-06-ARPA-22-122-109-1\B2Z\144\_Milpas\144-0000\_B\_MSE1\_BD\_CULVERT\_GENERAL.DWG 8/21/14\_MHP14\_10-04

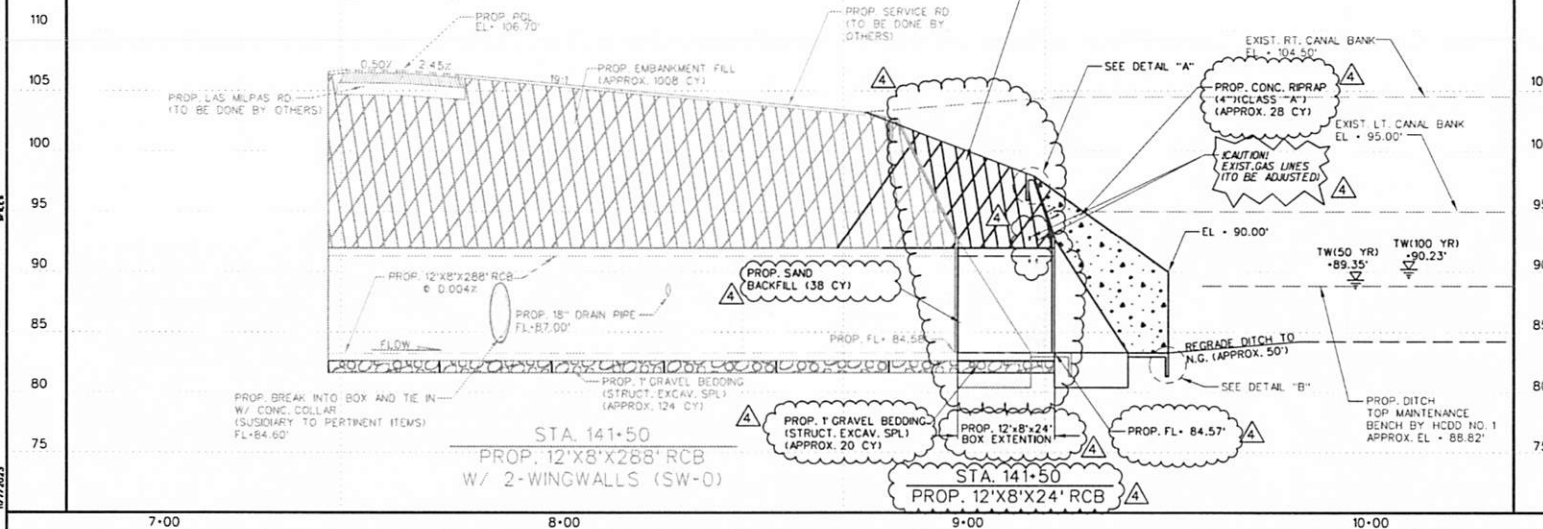


SHEET SUMMARY			
ITEM	DESCRIPTION	UNIT	QUANTITY
USE CULV LAYOUT 1 OF 6 FOR QUANTITIES			

- LEGEND:**
- ☐ DIRECTION OF FLOW
  - ▣ SEE U&D SHEETS FOR DETAILS
  - ⊗ FOR CONTRACTORS INFORMATION ONLY, NON PAY
- NOTES:**
- 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.
  - THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO FIELD VERIFY HORIZONTAL AND VERTICAL INFORMATION.
  - CULVERT STRUCTURES 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.
  - SEE ALIGNMENT DATA SHEET FOR PROP. CENTERLINE DATA.
  - CULVERT WAS ANALYZED USING FEDERAL HIGHWAY ADMINISTRATIONS, FHWA "HY-B" SOFTWARE.
- CO #4 - EXTEND THE 12'x8' BOX CULVERT 24 FT TO ADJUST AND COVER UP A HIGH PRESSURE GAS LINE IN DIRECT CONFLICT WITH THE OPENING.



CULVERT HYDRAULICS			
DESIGN FREQ.	DESIGN FREQ.	DESIGN FREQ.	DESIGN FREQ.
FLOW (CFS)	10.00	50.00	50.00
VELOCITY (FPS)	0.77	3.91	3.91
DEPTH (FT)	1.30	8.50	8.50
TIME (MIN)	0.00	0.00	0.00
CHANNEL MANNING'S N	0.25	0.25	0.25
PROP. STRUCTURE	RCB	RCB	RCB



STATE OF TEXAS  
 OLIVER F. SALGADO  
 103749  
 PE  
 11/03/2023

**B2Z ENGINEERING**  
 TEXAS REG. NO. F-11187

MIDLAND COUNTY  
 PRECINCT 2  
 EDUARDO "EDDY" CANTIL  
 COMMISSIONER

LAS MILPAS ROAD  
 CULVERT 1LAYOUT  
 STA. 141-50

HOR 11-30'		VER 11-30'		SHEET 2 OF 6	
DATE	12/2023	DATE	12/2023	PROJECT NO.	117
EX. DWG.		DATE		COUNTY	MIDLAND
EX. DWG.		DATE		PRECINCT	2
EX. DWG.		DATE		SECTION	02
EX. DWG.		DATE		POST	
EX. DWG.		DATE		CITY	MILPAS



GO Underground, LLC.  
217 E. Monroe Ave.  
Harlingen, Tx 78550

November 8, 2023

B2Z Engineering  
900 S. Stewart Rd., Ste. 2  
Mission Tx. 78572

RE: Request for Additional Time -  
C22-0094-09-06-JDC Las Milpas Road Drainage, Bridge, and Traffic Signal  
Installation Project

Dear Mr. Saul Munoz, P.E.,

In consideration of the additional work proposed in Change Order No.#4. I am requesting 40 additional working days.

We will pursue the completion of the work in our contract as rapidly and as reasonably possible, and keep you informed as our work progresses.

Your time and consideration in this matter is greatly appreciated. Should you have any questions please feel free to contact Joe Olivares, Project Supervisor (956)-358-9368 or our office at the number listed below.

Respectfully,  
Soledad Bravo  
Office Manager

## Saul Munoz

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**From:** Saul Munoz  
**Sent:** Tuesday, November 7, 2023 1:40 PM  
**To:** joe olivares (joegounderground@outlook.com)  
**Cc:** Leonel Dominguez  
**Subject:** CO #4 Extend 12'x8' Box Culvert - Preliminary  
**Attachments:** 2 FINAL C-22-0094-09-06 - Go Underground (1) Plan Sht 5a.pdf; CUL\_STA 141+50-2\_mod (extend box gaslines to be adj by others)\_11-06-23 PlanS117a.pdf; 2 Change Order #2 2146-L 2.pdf; 1 Change Order #4 Write Up.pdf

Joe,

I'm going to complete CO #4 this week with your help. You'll need to request time to stay out of LD's next month.

CO #4 - Attached is the 12' x 8' culvert extension for the gas lines, for your review. I'm using the original items and prices for CO #4 and the extension? Add time, 1-2mo's. Please respond as soon as possible.

CO #5 – (Pending) I will use your new numbers for the ped tunnel. Go back and add time/barricades to your estimate. I forwarded the numbers to Robert Machesca for review, and approval with P2.

Call me if you have any questions.

Sincerely,

**Saul Muñoz, P.E.**  
**Director of Construction**

**B<sup>2</sup>Z ENGINEERING**  
SBA 8(a), HUB, DBE, WBE, WOSB, MBE  
900 S. Stewart Road, Suite 2 • Mission, TX 78572

📞 956-650-9114  
📞 956-585-3773  
✉ [saul@b2zeng.com](mailto:saul@b2zeng.com)  
🌐 [www.b2zeng.com](http://www.b2zeng.com)





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:
November, 2023

RE: Las Milpas Road (22-0094-04-05-JDC)

TRANSMITTED:

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

VIA:

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

Table with 2 columns: COPIES, DESCRIPTION. Row 1: 3 EA., Complete Copies - Las Milpas change orders #4

REMARKS:

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

Thank you,

Saul R. Muñoz, Project Manager (with signature)

Received By: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_