

Change Order #1 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- 122-109)
Limits: McColl Rd(FM 3062) to 10th Street(FM 336)

Change Order #1 has been approved to make the following Contract Changes:

Description:

Change Order No.1 is a price reduction with all the reinforced concrete pipe for the Las Milpas Project. Las Milpas will be a new location roadway just south of Dicker Road. It is a one-mile segment that will be constructed between McColl Rd (FM 3062) and 10th Street (FM 336). The road will be closed during construction since there are no residents or businesses that would require public access.

The Las Milpas Project was awarded to GO Underground. During the preconstruction meeting, Precinct #2 indicated that all the reinforced concrete pipe was purchased in advance of the project, offsetting price escalations or fabrication delays from the manufacture. Hidalgo County Precinct 2 is requesting new pipe prices from GO for labor and equipment only. All the 15", 18", 24", 36" and 48" reinforced concrete pipe will be included in Change Order #1.

The Hidalgo County Precinct 2 has reviewed and agrees with Change Order No.1. The changes do not impact the original environmental assessment, do not impact TDLR elements, do not impact wetlands, or waters of the US, archeological, historical, or social issues, such as endangered species or regulated areas within the project. This change order will not cause a disturbance that would require a site notification.

B2Z reviewed the change order with Precinct #2 to explain the cost breakdown of items for payment according to the plans. See TxDOT Change Order Form 2146-L used to describe bid item changes and the overall cost changes. Change Order No.1 has been reviewed and signed by both Hidalgo County Precinct 2 and the GO Underground. There is no additional funding involved, only a reduction in prices.

Revised Plan Sheets: Sheet 74a, added a concrete piling standard (inadvertently omitted) and Sheet 6C added a general note for the concrete piling standard.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price <u>\$3,694,806.64</u>	Original Contract Time <u>160 working Days</u>
Previous Change Orders <u>\$0.00</u>	Previous Change Orders 0 Working Days

Contract Price prior to this Change Order <u>\$3,694,806.64</u>	Contract Time prior to this Change Order <u>160 Working Days</u>
Net increase/decrease of the Change Order <u>-\$328,176.60</u>	Net increase/decrease of the Change Order <u>0 Working Days</u>
Contract Price with all approved Change Orders <u>\$3,366,630.04</u>	Contract Time with all approved Change Orders <u>160 Working Days</u>

INSTRUCTIONS FOR PREPARING THE CHANGE ORDER (Local Agency)

The following information is provided to assist you in preparing the Change Order (CO).

- 1 Insert the Contractor's name as it appears in the contract.
- 2 Insert the work limits for the Change Order.
- 3 Indicate if a change is major or minor.
- 4 Give a narrative of the revised work being authorized in the change order.

If the CO affects pedestrian elements, state in the narrative that a copy of this CO must be sent to the Field Coordination Section of the Design Division.

Address time by one of the following methods:

- 1) Add the time extension number and time in the box provided.
- 2) State in the narrative that no time is added by this CO.
- 3) State in the narrative that time will be addressed later in the project when the time impact of the change order is better known.

Methods 1 and 2 are preferred. Method 3 should not be a normal practice. If time can not be agreed on with the contractor upon execution of a CO, method 3 is acceptable. In this case, time associated with this CO will be non-participating until the time justification is provided.

- 5 Attach any new/revised plan sheet(s).
- 6 For TxDOT use only. The TxDOT representative must designate if this change order is participating by providing a value for the days and amount participating. If the change order is non-participating, enter a zero "0" in the fields.
- 7 Direct the contractor to sign in the contractor's signature block.
- 8 Affix the seal of the authorized local representative in the space located at the left corner of the bottom of the CO Form. Adhere to Change Order Approval Policy of local agency.

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER: 1

1. CONTRACTOR: GO Underground, LLC

2. Change Order Work Limits: Sta. Project to Sta. Project

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.

Change Order #1 is a concrete pipe price reduction for this project. Since the County purchased all of the pipe prior to construction, they are requesting revised pipe prices, for the labor and equipment only.
A new plan sheet standard for reinforced concrete piling is being added into the plans. It was inadvertently omitted from the original set of plans.
Add new plan sheet - Concrete Piling - CP - Sht 74a, and General Note - 6C

CCSJ: NA
Project: Las Milpas Road
Highway: Las Milpas Road
County: Hidalgo
District: Pharr
Contract Number: C-122-0094-09-06

5. New or revised plan sheet(s) are attached and numbered: 6C & 74a

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>-\$328,176.60</u></p>
<p>THE CONTRACTOR Date <u>3-10-23</u></p> <p>By <u>George Oliveras</u></p> <p>Typed/Printed Name <u>George Oliveras</u></p> <p>Typed/Printed Title <u>President</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] 12/1/2022
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:



**LAS MILPAS REVISED QUOTE
(RC PIPE - LABOR & EQUIPMENT ONLY)**

BASE BID				UNIT TOTAL	TOTAL
01326006	EMBKMT (FINAL) (DENS CONT) (TY C)	CY	16458	\$ 12.00	\$ 197,470.52
04006010	STRUCT EXCAV (SPL)	CY	314	\$ 60.00	\$ 18,840.00
04006011	S BACKFILL	CY	5320	\$ 50.00	\$ 266,000.00
04026001	TRENCH EXCAVATION PROTECTION	LF	4965	\$ 2.00	\$ 9,930.00
04326001	RIPRAP (CONC) (4")	CY	263	\$ 555.00	\$ 145,965.00
04626016	CONC BOX CULV (7'X5')	LF	89	\$ 562.85	\$ 50,094.00
04626018	CONC BOX CULV (7'X7')	LF	271	\$ 751.00	\$ 203,521.00
04626042	CONC BOX CULV (12'X8')	LF	288	\$ 1,506.00	\$ 433,728.00
04646002	RC PIPE (CL III)(15") (LABOR & EQUIPMENT ONLY)	LF	299	\$ 46.81	\$ 13,996.00
04646003	RC PIPE (CL III)(18") (LABOR & EQUIPMENT ONLY)	LF	582	\$ 47.07	\$ 27,397.00
04646005	RC PIPE (CL III)(24") (LABOR & EQUIPMENT ONLY)	LF	142	\$ 48.92	\$ 6,946.00
	RC PIPE (CL III)(36") (LABOR & EQUIPMENT ONLY)	LF	144	\$ 43.00	\$ 6,192.00
04646043	RC PIPE (CL III)(48")(SPL) (LABOR & EQUIPMENT ONLY)	LF	3341	\$ 74.02	\$ 247,300.00
04656009	JCTBOX (COMPL)(PJB)(5'X5')	EA	1	\$ 5,300.00	\$ 5,300.00
04656011	JCTBOX (COMPL)(PJB)(6'X6')	EA	2	\$ 6,650.00	\$ 13,300.00
04656130	INLET (COMPL)(PSL)(FG)(3'X5' - 3'X5')	EA	2	\$ 3,900.00	\$ 7,800.00
04656365	JCTBOX (COMPL)(CIP)(10'X10')	EA	1	\$ 22,000.00	\$ 22,000.00
04666212	WINGWALL (SW-0)(HW=7')	EA	1	\$ 27,000.00	\$ 27,000.00
04666254	WINGWALL (SW-0)(HW=10')	EA	4	\$ 15,750.00	\$ 63,000.00
04676363	SET (TY II)(18")(RCP)(6:1)(P)	EA	4	\$ 1,350.00	\$ 5,400.00
04796002	ADJUSTING INLETS	EA	1	\$ 1,200.00	\$ 1,200.00
04966003	REMOV STRUCT (MANHOLE)	EA	1	\$ 800.00	\$ 800.00
	REMOV STRUCT (WING WALL)	EA	1	\$ 2,500.00	\$ 2,500.00
04966007	REMOV STRUCT (PIPE)	LF	3508	\$ 5.00	\$ 17,540.00
05006001	MOBILIZATION	LS	1	\$ 25,000.00	\$ 25,000.00
05026001	BARRICADES, SIGNS, TRAFFIC HLING	MO	8	\$ 2,200.00	\$ 17,600.00
05066004	ROCK FILTER DAMS (INSTALL) (TY 4)	LF	200	\$ 22.00	\$ 4,400.00
05066011	ROCK FILTER DAMS (REMOVE)	LF	200	\$ 8.00	\$ 1,600.00
05066021	CONSTRUCTION EXIT (INSTALL) (TY 2)	SY	234	\$ 22.00	\$ 5,148.00
05066024	CONSTRUCTION EXIT (REMOVE)	SY	234	\$ 12.00	\$ 2,808.00
05066041	BIODEG EROSN CONT LOGS (INSTL) (12")	LF	360	\$ 6.00	\$ 2,160.00
05066043	BIODEG EROSN CONT LOGS (REMOVE)	LF	360	\$ 2.00	\$ 720.00
010076007	IRRIGATION VALVE (12")	EA	1	\$ 5,118.00	\$ 5,118.00
010076009	IRRIGATION WELL (36")	EA	1	\$ 8,744.00	\$ 8,744.00
010076012	IRRIGATION GATE (12")	EA	2	\$ 5,096.50	\$ 10,193.00
010086001	PRSSR IRRG PVC PIPE (18")	LF	104	\$ 96.12	\$ 9,996.00
	PRSSR IRRG PVC PIPE (24")	LF	144	\$ 124.41	\$ 17,915.00
010086003	PRSSR IRRG PVC PIPE (12")	LF	76	\$ 58.01	\$ 4,409.00
070496054	SPLIT STEEL CASING (24")	LF	280	\$ 168.00	\$ 47,040.00
TOTAL BASE					\$1,956,070.52
ADDITIVE ALTERNATIVE NO. 1					
04006005	CEM STABIL BKFL	CY	245	\$ 80.00	\$ 19,600.00
04096001	PRESTR CONC PIL (16IN SQ)	LF	1240	\$ 194.23	\$ 240,840.00
04096004	PRESTR CONC PIL (24IN SQ)	LF	420	\$ 267.52	\$ 112,360.00
04206013	CL C CONC (ABUT)	CY	57.7	\$ 1,200.00	\$ 69,240.00
04206025	CL C CONC (BENT)	CY	22.9	\$ 1,000.00	\$ 22,900.00
04226001	REINF CONC SLAB	SF	9000	\$ 20.00	\$ 180,000.00

**LAS MILPAS REVISED QUOTE
(RC PIPE - LABOR & EQUIPMENT ONLY)**

BASE BID				UNIT TOTAL	TOTAL
04256037	PRESTR CONC GIRDER (TX40)	LF	1074	\$ 297.00	\$ 318,978.00
04506023	RAIL (TY SSTR)	LF	723	\$ 65.00	\$ 46,995.00
04546018	SEALED EXPANSION JOINT (4IN) (SEJ-M)	LF	106	\$ 145.00	\$ 15,370.00
04166032	DRILL SHAFT (TRF SIG POLE) (36 IN)	LF	26.2	\$ 803.33	\$ 21,047.32
04166034	DRILL SHAFT (TRF SIG POLE) (48 IN)	LF	87.6	\$ 711.98	\$ 62,369.20
06186033	CONDT (PVC) (SCH 40) (4")	LF	334	\$ 27.00	\$ 9,018.00
06186034	CONDT (PVC) (SCH 40) (4")(BORE)	LF	222	\$ 45.36	\$ 10,069.92
06206007	ELEC CONDR (NO.8) BARE	LF	606	\$ 1.73	\$ 1,046.52
06206009	ELEC CONDR (NO.6) BARE	LF	13	\$ 1.84	\$ 23.87
06206010	ELEC CONDR (NO.6) INSULATED	LF	38	\$ 2.00	\$ 75.92
06216005	TRAY CABLE (4 CONDR) (12 AWG)	LF	945	\$ 2.48	\$ 2,346.84
06246002	GROUND BOX TY A (122311) W/APRON	EA	6	\$ 961.20	\$ 5,767.20
06246010	GROUND BOX TY D (162922) W/APRON	EA	1	\$ 1,242.00	\$ 1,242.00
06256003	ZINC-COAT STL WIRE STR (3/8")	LF	155	\$ 3.78	\$ 585.36
06286301	ELC SRV TY T 120/240 000(NS)GS(L)TS(O)	EA	2	\$ 3,672.00	\$ 7,344.00
06806001	INSTALL HWY TRF SIG (FLASH BEACON)	EA	1	\$ 2,430.00	\$ 2,430.00
06806002	INSTALL HWY TRF SIG (ISOLATED)	EA	1	\$ 24,300.00	\$ 24,300.00
06806004	REMOVING TRAFFIC SIGNALS	EA	1	\$ 2,354.40	\$ 2,354.40
06826001	VEH SIG SEC (12")LED(GRN)	EA	8	\$ 289.44	\$ 2,315.52
06826002	VEH SIG SEC (12")LED(GRN ARW)	EA	4	\$ 307.80	\$ 1,231.20
06826003	VEH SIG SEC (12")LED(YEL)	EA	12	\$ 289.44	\$ 3,473.28
06826004	VEH SIG SEC (12")LED(YEL ARW)	EA	8	\$ 307.80	\$ 2,462.40
06826005	VEH SIG SEC (12")LED(RED)	EA	12	\$ 289.44	\$ 3,473.28
06826006	VEH SIG SEC (12")LED(RED ARW)	EA	4	\$ 307.80	\$ 1,231.20
06826023	BACK PLATE (12")(3 SEC)	EA	8	\$ 118.80	\$ 950.40
06826024	BACK PLATE (12")(4 SEC)	EA	4	\$ 205.20	\$ 820.80
06846010	TRF SIG CBL (TY A)(12 AWG)(5 CONDR)	LF	1037	\$ 2.05	\$ 2,127.92
06846012	TRF SIG CBL (TY A)(12 AWG)(7 CONDR)	LF	987	\$ 2.48	\$ 2,451.60
06866007	INS TRF SIG PL AM (S)STR(TY B)	EA	2	\$ 6,696.00	\$ 13,392.00
06866059	INS TRF SIG PL AM(S)1 ARM(55')LUM	EA	4	\$ 40,176.00	\$ 160,704.00
063066001	VIVDS PROSR SYS	EA	1	\$ 5,216.40	\$ 5,216.40
063066003	VIVDS CAM ASSY VAR LNS	EA	4	\$ 7,452.00	\$ 29,808.00
063066007	VIVDS CABLING	LF	927	\$ 3.46	\$ 3,203.71
060616001	GPS COMMUNICATIONS UNIT	EA	1	\$ 912.60	\$ 912.60

Las Milpas Project

Change Order #1

Changes: County supplied all of the Concrete Pipe(15", 18", 24", 36" & 48") for the Project
 County is requested revised price for labor and equipment, Only

				Material Labor Equipment	Labor Equipment	Material Labor Equipment	Labor Equipment	
		LF		Original \$	Revised \$	Original \$	Revised \$	
4646002	RC PIPE (CL III){15"} (LABOR & EQUIPMENT ONLY)	LF	299	\$ 61.81	\$ 46.81	\$ 18,481.19	\$ 13,996.19	
4646003	RC PIPE (CL III){18"} (LABOR & EQUIPMENT ONLY)	LF	582	\$ 64.57	\$ 47.07	\$ 37,579.74	\$ 27,394.74	
4646005	RC PIPE (CL III){24"} (LABOR & EQUIPMENT ONLY)	LF	142	\$ 72.92	\$ 48.92	\$ 10,354.64	\$ 6,946.64	
4646008	RC PIPE (CL III){36"} (LABOR & EQUIPMENT ONLY)	LF	144	\$ 83.28	\$ 43.00	\$ 11,992.32	\$ 6,192.00	
4646043	RC PIPE (CL III){48"}{SPL} (LABOR & EQUIPMENT ONLY)	LF	3341	\$ 165.10	\$ 74.02	\$ 551,599.10	\$ 247,300.82	
						\$ 630,006.99	\$ 301,830.39	Comparison
							\$ (328,176.60)	Savings
							-52%	% Savings
							Approved	Recommendations
							Good Savings	

ITEM 400: EXCAVATION AND BACKFILL FOR STRUCTURES

IF THE CONTRACTOR ELECTS TO CUT PAVEMENT (EXISTING/DETOUR) FOR STRUCTURAL WORK BEYOND THAT REQUIRED BY THE CONSTRUCTION PHASING SHOWN IN THE PLANS AND APPROVED BY THE COUNTY, IT SHALL BE RESTORED AT HIS EXPENSE AND BACKFILLED TO ITS ORIGINAL CONDITION OR BETTER IN ACCORDANCE WITH ITEM 400.

UNLESS SHOWN OTHERWISE IN THE PLANS, USE A 1-FT DEPTH FOR ITEM 400 STRUCTURAL EXCAVATION (SPECIAL) FOR GRAVEL BEDDING NEEDED BELOW DRAINAGE STRUCTURES WITH UNSTABLE MATERIAL.

STRUCTURAL EXCAVATION SPECIAL (GRAVEL):

USE DURABLE NATURAL STONE WHEN TESTED IN ACCORDANCE WITH TEX-411-A, HAS WEIGHT LOSS OF NO MORE THAN 18% AFTER 5 CYCLES OF MAGNESIUM SULFATE SOLUTION. PROVIDE GRAVEL CONFORMING TO AN AGGREGATE GRADE NO. 1 AS SHOWN ON TABLE 4 OF ARTICLE 421.2.

ITEM 416: DRILLED SHAFT FOUNDATIONS

PAYMENT FOR FURNISHING AND INSTALLING ANCHOR BOLTS MOUNTED IN DRILL SHAFTS WILL BE INCLUDED IN THE UNIT PRICE BID FOR THE VARIOUS DIAMETER DRILL SHAFTS.

THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO VERIFY UTILITY LOCATIONS BEFORE DRILLING FOUNDATIONS.

THE CONTRACTOR SHALL FORM, OR PROVIDE A SMOOTH FINISH, THE PORTIONS OF DRILLED SHAFT THAT PROJECT ABOVE THE GROUND LINE. PLACE A 3/4 INCH CHAMFER ON THE TOP EDGE OF EACH POLE FOUNDATION. THIS WORK WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED SUBSIDIARY TO THIS BID ITEM.

ALL DRILLED SHAFT FOUNDATIONS WILL BE BASED ON THE LENGTHS SHOWN ON THE PLANS OR THOSE ESTABLISHED IN WRITING. ADEQUATE CALCULATIONS FOR MEASUREMENTS OF FOUNDATIONS HAVE BEEN MADE IN ACCORDANCE WITH ARTICLE 9.1 OF THE STANDARD SPECIFICATIONS. INCREASES OR DECREASES IN THE QUANTITIES REQUIRED BY CHANGE IN DESIGN WILL BE MEASURED AS SPECIFIED AND THE REVISED QUANTITIES WILL BE THE BASIS FOR PAYMENT.

IN THE PRESENCE OF EXCESS GROUND WATER AND/OR UNSTABLE CONDITIONS IN SUB-GRADE SOILS PREVENTS EXCAVATION TO THE LINE AND DEPTHS INDICATED ON THE PLANS FOR "DRILLED SHAFT FOUNDATION", OTHER PROPOSED METHODS OF FOUNDATION INSTALLATION SUCH AS CASING, ETC. SHALL BE SUBMITTED FOR REVIEW AND APPROVED BY THE COUNTY.

ITEM 420: CONCRETE SUBSTRUCTURES

PAY BENT CONCRETE AS PLAN QUANTITY.

ITEM 421: HYDRAULIC CEMENT CONCRETE

PROVIDE EQUIPMENT AT THE BATCH PLANT FOR DETERMINING THE FREE MOISTURE AND/OR ABSORPTION OF AGGREGATES IN ACCORDANCE WITH APPLICABLE TXDOT TESTS.

PROVIDE THE FOLLOWING ITEMS FOR CONCRETE BATCH INSPECTION IN ACCORDANCE WITH SPECIFICATIONS OUTLINED IN DMS-10101, "COMPUTER EQUIPMENT":

- (1) ONE DESKTOP MICROCOMPUTER OR ONE LAPTOP MICROCOMPUTER
- (2) ONE INTEGRATED PRINTER/SCANNER/COPIER/FAX UNIT
- (3) CONTRACTOR-FURNISHED SOFTWARE
- (4) HARDWARE

SUBMIT TO THE COUNTY FOR APPROVAL THE PROJECT LOCATIONS FOR ALL PORTLAND CEMENT CONCRETE WASHOUT AREAS PRIOR TO STARTING ANY CONCRETE WORK.

USE MEMBRANE CURING, TYPE 2, FOR CONCRETE CURB, GUTTER AND COMBINED CURB AND GUTTER, CONCRETE MEDIANS, DIRECTIONAL ISLANDS AND SIDEWALKS.

ITEM 427: SURFACE FINISHES FOR CONCRETE

PROVIDE SURFACE FINISHES FOR CONCRETE AS FOLLOWS:

BRIDGE WATERWAY CROSSINGS AND BRIDGE CLASS BOX CULVERT STRUCTURES - SURFACE AREA II, OPAQUE SEALER COATING (COLOR TO BE DETERMINED BY THE COUNTY).

CONCRETE TRAFFIC BARRIER/RAILING (ROADWAY AND BRIDGE), AND RETAINING WALL COPING - OPAQUE SEALER COATING (COLOR TO BE DETERMINED BY THE COUNTY) TO ALL EXPOSED SURFACES.

CO #1
Provide a sulfate resistance concrete for all concrete piling and drilled shafts.

CO #1 - Change No. 1
Introduce a new concrete piling standard drawing, and a general note for the concrete piling.



LAS MILPAS ROAD
GENERAL NOTES

SHEET 3 OF 9			
DN	ISS NO.	STATE	PROJECT NO.
CR DN		TEXAS	
DR DN			
CR DN	STATE	HIDALGO	17-27-23
DR DN	PROJECT		
CR DN			
DR DN			
CR DN			
DR DN			

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