

Change Order #1 Mile 3 N Road

To: REIM Construction, Inc.
9612 Stewart Rd.
Mission, Texas 78573

From Owner: Hidalgo County Precinct #3
and: B2Z Engineering, LLC

Project: Mile 3 N Road
Project #: STP 2021 (256) MM
Contract: C-20-294-02-23
CSJ: 0921-02-321
Limits: Tom Gill Road to FM 492 (Goodwin Road)

Change Order #1 is a cost savings change order that removes three bid items from the contract. These items are: 1) 316-6005: Asphalt (Tier III), 2) 316-6426: Aggregate (Gr 4P), and 3) 400-6011: Sand Backfill. The first two items were originally introduced as alternate items on the Contractor's Bid Proposal. These seal coat items do not add to the pavement strength values or longevity to the final pavement layer and are therefore not required. The sand backfill item is used for the reinforced concrete pipe (RCP) installation when the native soil cannot be used. The Contractor agrees to remove these items from their estimate.

Description:

Seal Coat - Item 316-6005(Asphalt) & 316-6426(Aggregate Gr4)

The plans include two seal coat items in the final pavement section, layered between the flexbase and the asphalt layers. The aggregate and asphalt, work to seal the flexbase to provide a rideable surface. Since the traffic control plans do not use any part of the seal coat flexbase as a rideable surface, these items are not required. The quantities for these two items will be removed from the estimate for a cost savings to the County in the amount of -\$247,744.98. Modified Sheet No. **16a** is attached.

Sand Backfill – Item 400-6011 for Reinforced Concrete Pipe (RCP)

The plans include sand for backfilling all the reinforced concrete pipes on the project. The native material within the project is a sandy loam, ideal for backfilling. This change order will reduce cost and accelerate the backfill of the RCPs and the project. The quantity for this item will be removed from the estimate for a substantial cost savings to the County in the amount of -\$261,924.00. Modified Sheet No. **14a** is attached.

No additional time is required for this work.

Purpose:

The Hidalgo County Precinct #3 Office identified a cost savings within their plans for Change Order #1. The change order has been signed by both the Contractor and AE. The plans were prepared by

the Consultant L&G Engineering, and the work is awaiting TxDOT concurrence to incorporate these changes.

This change order will allow the County to provide additional funds for other improvements, while completing the work as planned.

The County is aware of the Change Order and agrees to modify the current schedule of values to reflect these changes. These changes were identified prior to construction, and do not impact the construction progress at this time. These 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 #3, to explain the breakdown of the items and dollar value changes 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 14a & 16a.

CHANGE IN CONTRACT PRICE:	CHANGE IN CONTRACT TIME:
Original Contract Price <u>\$14,028,648.44</u>	Original Contract Time <u>480 Working Days</u>
Previous Change Orders <u>\$0.00</u>	Previous Change Orders <u>0 Working Days</u>

Contract Price prior to this Change Order <u>\$14,028,648.44</u>	Contract Time prior to this Change Order <u>480 Working Days</u>
Net increase/decrease of the Change Order <u>-\$509,668.98</u>	Net increase/decrease of the Change Order <u>0 Working Days</u>
Contract Price with all approved Change Orders <u>\$13,518,979.46</u>	Contract Time with all approved Change Orders <u>480 Working Days</u>

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER: 1

1. CONTRACTOR: REIM Construction, Inc.
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.

CCSJ:	<u>0921-02-321</u>
Project:	<u>STP 2021(256) MM</u>
Highway:	<u>Mile 3 N</u>
County:	<u>Hidalgo</u>
District:	<u>21-Pharr</u>
Contract Number:	<u>C-20-294-02-23</u>

Change Order #1 is a cost savings change order that removes three bid items from the contract:

1. Bid Item 316-6005 - Asphalt (Tier II) - Zero out quantity
2. Bid Item 316-6426 - Aggregate (GR 4P) - Zero out quantity
3. Bid Item 400-6011 - Sand Backfill - Zero out quantity

5. New or revised plan sheet(s) are attached and numbered: 14a & 16a
- 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>-\$509,668.98</u></p>
<p>THE CONTRACTOR Date <u>4/15/21</u></p> <p>By <u>[Signature]</u></p> <p>Typed/Printed Name <u>Miguel A. Ramos</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>

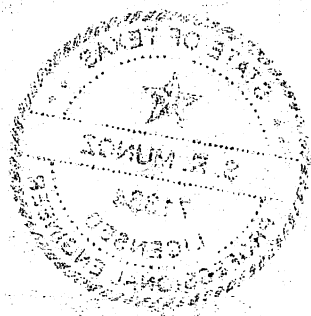
RECOMMENDED FOR EXECUTION:

<p><u>[Signature]</u> <u>4-16-2021</u></p> <p>Name/Title _____ Date _____</p>	<p>Name/Title _____ Date _____</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> REQUEST APPROVAL</p>
<p>Name/Title _____ Date _____</p>	<p>Name/Title _____ Date _____</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> REQUEST APPROVAL</p>
<p>Name/Title _____ Date _____</p>	<p>Name/Title _____ Date _____</p> <p><input type="checkbox"/> APPROVED <input type="checkbox"/> REQUEST APPROVAL</p>
<p>Name/Title _____ Date _____</p>	<p>Name/Title _____ Date _____</p> <p><input type="checkbox"/> APPROVED</p>

Engineer's Seal:



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CONSTRUCTION CONTRACT CHANGE ORDER NUMBER: 1

Estimated Cost:

CCS: 0921-02-321

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	
400-6011	SAND BACKFILL	CY	17.25	15,184.00	261,924.00	0.00	0.00	- 261,924.00
316-6005	ASPH(TIER II)	TON	3.27	44,999.00	147,146.73	0.00	0.00	- 147,146.73
316-6426	AGGR (GR 4P)	CY	84.75	1,187.00	100,598.25	0.00	0.00	- 100,598.25
TOTALS					509,668.98		0.00	- 509,668.98

ITEM 531 (SIDEWALKS)
SUMMARY OF DEDUCTIVE
ALTERNATE #1 (DA1)

SHEET NO.	6001 CONC. SIDEWALK (4")
	(SY)
P&P's	
Sht. 2 of 46	242
Sht. 3 of 46	445
Sht. 4 of 46	464
Sht. 5 of 46	459
Sht. 6 of 46	458
Sht. 7 of 46	416
Sht. 8 of 46	558
Sht. 9 of 46	402
Sht. 10 of 46	384
Sht. 11 of 46	479
Sht. 12 of 46	556
Sht. 13 of 46	556
Sht. 14 of 46	556
Sht. 15 of 46	319
Sht. 16 of 46	556
Sht. 17 of 46	556
Sht. 18 of 46	552
Sht. 19 of 46	841
Sht. 20 of 46	841
Sht. 21 of 46	620
Sht. 22 of 46	478
Sht. 23 of 46	578
Sht. 24 of 46	691
Sht. 25 of 46	714
Sht. 26 of 46	678
Sht. 27 of 46	646
Sht. 28 of 46	541
Sht. 29 of 46	674
Sht. 30 of 46	565
Sht. 31 of 46	556
Sht. 32 of 46	452
Sht. 33 of 46	482
Sht. 34 of 46	549
Sht. 35 of 46	463
Sht. 36 of 46	447
Sht. 37 of 46	54
TOTAL:	18,828



CO #1
ITEM 316 (SEAL COAT)
SUMMARY OF DEDUCTIVE ALTERNATE #2 (DA2)

LOCATION	ITEM 316	
	6005 ASPH TIER II	6426 AGGR (GR-4P)
	(GAL)	(CY)
MILE 3		
STA. 141+19.20 - STA. 146+98.35	1026	26
STA. 146+98.35 - STA. 152+58.41	1513	40
STA. 152+58.41 - STA. 154+01.07	366	10
STA. 154+01.07 - STA. 158+24.76	1176	31
STA. 158+24.76 - STA. 163+17.38	1184	31
STA. 163+17.38 - STA. 164+17.38	256	7
STA. 164+17.38 - STA. 207+75.35	10227	267
STA. 207+75.35 - STA. 208+75.45	257	7
STA. 208+75.45 - STA. 212+83.15	113	30
STA. 213+82.73 - STA. 217+78.00	1097	29
STA. 217+78.00 - STA. 218+78.00	256	7
STA. 218+77.99 - STA. 241+87.20	3419	82
STA. 242+89.18 - STA. 246+84.16	1036	29
STA. 246+84.16 - STA. 247+84.16	256	7
STA. 247+84.17 - STA. 270+88.60	5108	141
STA. 271+90.60 - STA. 275+85.58	1097	29
STA. 275+85.58 - STA. 276+85.58	256	7
STA. 276+85.58 - STA. 294+84.33	4222	110
STA. 294+84.33 - STA. 295+84.38	256	7
STA. 295+84.38 - STA. 299+79.11	1095	29
STA. 300+81.11 - STA. 304+73.66	1049	28
STA. 304+73.66 - STA. 305+73.66	256	7
STA. 305+73.66 - STA. 317+44.75	2749	72
STA. 317+44.75 - STA. 318+43.82	254	7
STA. 318+43.82 - STA. 321+02.10	611	16
INTERSECTIONS		
IOWA RD.	495	14
TEXAN RD.	873	23
WESTERN RD.	465	13
ABRAM RD.	613	20
TOTAL:	0.00	0.00

SUMMARY OF PIPE ALTERNATIVE #1 (1A)

SHEET NO.	ITEM 400						
	ITEM 400		ITEM 460 (24"-60")		ITEM 464		
	6010 STRUCT. EXCAV. (SPL) (CY)	6025 SRCMP POLY. COAT STL.(24") (LF)	6026 SRCMP POLY. COAT STL.(30") (LF)	6027 SRCMP POLY. COAT STL.(36") (LF)	6028 SRCMP POLY. COAT STL.(42") (LF)	6033 SRCMP POLY. COAT STL.(54") (LF)	6039 PROP. 24" RCP (SPL) (CL-III) (LF)
ALTERNATIVE 1A							
TOTAL:	2,833	2,713	2,323	2,473	1,095	1,415	90

Change Order #1 - CO #1
Removes three items from the estimate that are not required; the sand backfill, the seal coat asphalt, and the seal coat aggregate. These items are not required because the natural soil is excellent material for backfilling RCP, and the seal coat items do not add to the pavement integrity. Precinct #3 and the Contractor are in agreement with these changes.

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Texas Department of Transportation

L & G Engineering 2100 W. Expressway 63
Mercedes, TX 78570
Phone : (956) 855-0813 Fax : (956) 855-0018

Highway / Bridge
Structural / Bridge
Environmental
Firm No. : F-4105
Exp. 08/31/2020

900 S. Stewart Rd., Ste. 10
Mission, TX 78572
Phone : (956) 855-1800 Fax : (956) 855-1927

MILE 3 ROAD
ESTIMATED QUANTITIES

SHEET 6 OF 6

DATE	DATE	STATE	PROJECT NO.	HIGHWAY NO.
08/11/2020	08/11/2020	TX		
DATE	DATE	COUNTY	CONTRACT NO.	SHEET NO.
08/11/2020	08/11/2020	Hidalgo	0921 02	321 16

16a

