

CONSTRUCTION CONTRACT CHANGE ORDER NUMBER: 4

1. CONTRACTOR: REIM Construction, Inc.
2. Change Order Work Limits: Sta. 157+50 to Sta. 317+00
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. Add a conflict MH at Sta 157+50 to manage both a Mile 3 - 54" storm sewer with an existing Liberty Road - 36" storm sewer into one manhole. Add 6 days to CIP.
2. Redesign a 15" PVC drain line at Sta 193+00 to the north side of Mile 3. Provides the same drainage results and avoids a high pressure gas line currently in conflict.
3. Redesign the Mile 3 storm sewer between C44 to C46, avoid a water line conflict.
4. Install 2-42" RCLHPP bypass w cement backfill and concrete canastas. Add 6 days.

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| 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> |

5. New or revised plan sheet(s) are attached and numbered: 14b,261a,250a,266a,273a,274b,297a,43a,44a,317a,318a

Each signatory hereby warrants that each has the authority to execute this Change Order.

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| <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>2</u> Days added on this C.O.: <u>12</u></p> <p>Amt. added by this change order: <u>\$67,367.15</u></p> <p>For TxDOT use only:</p> <p>Days participating: _____</p> <p>Amount participating: _____</p> <p>Signature _____ Date _____</p> <p>Name/Title _____</p> |
| <p>THE CONTRACTOR Date <u>6/28/2022</u></p> <p>By <u><i>Miguel A. Ramos</i></u></p> <p>Typed/Printed Name <u>Miguel A. Ramos</u></p> <p>Typed/Printed Title <u>President</u></p> | |

RECOMMENDED FOR EXECUTION:

[Signature] 6/28/2022
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:



Change Order #4 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 #4 - in the amount of **\$67,367.15** and **12 days** has been reviewed and approved by Hidalgo County Precinct 3 to make the following contract changes.

Description:

Change Order #4 adds to the original Mile 3 contract by 1) adding a new conflict manhole at Sta 157+50 to incorporate two intersecting storm sewer lines into one junction, 2) redesigning a 15" PVC drain line from the south side to the north side of Mile 3 Road, avoiding a high-pressure gas line, 3) redesigning the storm sewer system between inlets C-44 through C-46 to avoid a water line conflict between Abrams Road and the Irrigation Canal, and 4) redesigning a 42" RLHPP bypass into a double 42" bypass by the request of the Irrigation District #6 to increase capacity. CO #4 uses existing items to increase quantities and adds one new item for a new 7'x7' conflict manhole (CIP).

Precinct #3 approves the four modifications provided in Change Order #4.

New Conflict MH – Sta 157+50 - Item 9004-001

A new 7'x7' conflict manhole will be added to the Mile 3 project to incorporate two storm sewer lines that intersect each other at Sta 157+50. REIM encountered an unidentified 36" RCP line that intersects the bottom of the Mile 3 - 54" RCP on the north side of the road. The existing 36" RCP is required and cannot be discontinued because it drains a large subdivision on Liberty Road to the north, and on Tom Gil Road to the west. The 36" RCP intersects the 54" in one location and runs parallel along Mile 3 before turning north on Tom Gill Road. Since both lines are required to function, a 7'x7' conflict manhole will be constructed in place to incorporate both lines for continued operations. REIM provided a new price for a 7'x7' manhole item that was big enough to incorporate both lines. The price was fair and reasonable when compared to Statewide and Pharr District averages for a 7x7 MH. REIM is also asking for 6 days to complete the structure, which is not unreasonable for a cast-in-place manhole. CO #4 will add time and one new item.

15" PVC Redesign – Existing Item 1008-6006

The Mile 3 project proposes a new 15" PVC line on the south side of Mile 3 between Sta 193+00 and 195+60. It was connected to inlet B6, crossed an 8" gas line twice, only to drain a property on the north side. We redesigned it to connect to inlet B-3B, on the north side of Mile 3. Inlet B-3B also connects to Inlet B-6 to serve the same purpose for the PVC pipe. It does not cross Mile 3, or the gas line and provides the same results. This change results in a cost-saving for the Mile 3 project.

Storm Sewer Redesign –18" RCP & 24" RCP, Existing Items 464

The proposed Mile 3 storm sewer at the east of Abrams Road conflicts with a new 12" water line and an existing 4" gas line on the south side of Mile 3 Road. Most of the water line was redesigned to the north side of Mile 3, but a small segment of the line was still in the conflict between inlets C44 and C46. The Mile 3 storm sewer was redesigned around the conflict to avoid the water line conflicts. The change results in a cost-savings for the Mile 3 project.

Temporary Bypass Redesign –2 - 42" RCLHPP w/ Cement Stabilized Backfill, Existing Items 4024, 496, 400, and 432

The Mile 3 project proposed a 1 - 42" RCLHPP temporarily irrigation bypass to manage watering demands while constructing a new 12x4' irrigation canal, east of Abrams Road. The original single 42" bypass design was having difficulty meeting irrigation demands, and District #6 with the assistance of Mr. Frank Ferris, P.E. re-engineered the temporary crossing using a double 42" RCLHPP bypass. The redesign included calculations, that were verified by L&G Engineering. The modifications were approved, and the results are included herein. This change adds another line of 42" RCLHPP (384ft), cement stabilized backfill between the pipes and concreted berms at each end for the payment. REIM is requesting 6 days to construct the 2-42" RCLHPP and remove the structure. CO #4 modifies existing items and adds time to this contract.

Purpose:

The purposes of Change Order #4 are to, 1) add a conflict manhole at Sta 157+50 due to unforeseen field conditions that were not included in the Mile 3 project plans. A new 7x7 conflict manhole will incorporate both a 36" and a 54" RCP to allow both to operate simultaneously, 2) redesign a proposed 15" PVC line to the north of Mile 3 to drain into Inlet B-3B avoiding a high-pressure gas line on the south side of Mile 3 Road, 3) avoid a storm sewer alignment conflict with a 12" waterline by redesigning the storm sewer to the north side of the road. 4) redesign a temporary single 42" RCLHPP bypass into a double 42" bypass for increased capacity and the removal of the RCLHPP after it is no longer needed. The additional time to construct both the conflict manhole and the 2-42" RCLHPP is reasonable

Hidalgo County is fully aware of this Change Order #4 and agrees to modify the current schedule of values to reflect the changes. The original plans were prepared by Consultant L&G Engineering, and the change order #4 modifications were prepared by B2Z Engineering. Change order #4 has been signed by both the Contractor and AE. The Mile 3 project is currently under construction and the contractor is awaiting TxDOT concurrence to incorporate the changes for payment.

These changes do not require additional ROW. 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 3, to explain the breakdown of the items and dollar value changes according to the governing Specification 1L-9L. Attached, see TxDOT Change Order Form 2146-L used to describe bid item changes and cost changes.

Modified Sheet No. include, **14b, 261a, 250a, 266a, 273a, 274b, 297a, 43a, 44a, 317a, and 318a** are attached.

| 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>-\$301,945.23</u> | Previous Change Orders <u>70 Working Days</u> |

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| Contract Price prior to this Change Order <u>13,726,703.21</u> | Contract Time prior to this Change Order <u>550 Working Days</u> |
| Net increase/decrease of the Change Order <u>\$67,367.15</u> | Net increase/decrease of the Change Order <u>12 Working Days</u> |
| Contract Price with all approved Change Orders <u>\$13,794,070.36</u> | Contract Time with all approved Change Orders <u>562 Working Days</u> |