

CHANGE ORDER NO. 002**DATE:** Decemeber 19, 2022**Project:** Construction of Hamman Road Drainage Improvements Phase 1B
Revised
Owner: City of Bay City**Quiddity Job No.:** R0017-0057-00**Contractor:** JTM Construction, LLC

Description of Changes: The Contractor is to provide and install three (3) type "A" grate inlets at along Hamman Road. The contractor is to remove one hundred thirty linear feet (130 LF) of 18-inch (18") RCP on Chateaux Drive. The contractor is to remove and dispose of two (2) existing curb inlets on Chateaux Drive and one (1) existing curb inlet on Holly Lane. The Contractor is to provide and install three (3) type "C2" curb inlets on Chateaux Drive. The Contractor is to remove and dispose of twenty-six linear feet (26 LF) of 24-inch (24") RCP on Chateaux Drive. The Contractor is to provide and install thirty-two linear feet (32 LF) of 30-inch (30") RCP on Chateaux Drive. The Contractor is to provide and install one hundred fifty-six linear feet (156 LF) of 36-inch (36") RCP on Chateaux Drive. The Contractor is to provide and install one (1) type "C" curb inlet on Holly Lane. The Contractor is to remove, dispose of, provide and reinstall thirty-six square yards (36 SY) of asphalt pavement Chateaux Drive. The Contractor is to remove and dispose of sixty-six square yards (66 SY) of concrete sidewalk on Chateaux Drive. The Contractor is to provide and install sixty-nine square yards (69 SY) of 4-inch (4") concrete sidewalk on Chateaux Drive. The Contractor is to remove and dispose of forty-seven square yards (47 SY) of concrete pavement on Chateaux Drive. The contractor is to provide and install forty-eight square yards (48 SY) of 6-inch (6") concrete residential driveway on Chateaux Drive. The Contract Period of Performance is being extended by four (4) calendar

Reason for Changes: Two (2 EA) existing grate inlets along Hamman Road at stations 101+72.5 and 104+80 are to be removed by the Contractor per bid item J.7. However, those inlets must be replaced with new type "A" grate inlets. There was an existing RCP that connected to the existing 36-inch (36") RCP along Hamman Road at station 107+72.5 which captured flow from an existing swale. However, the new 48-inch (48") RCP is too deep to salvage and reconnect the existing RCP. A new type "A" grate inlet must be installed to ensure drainage from the existing swale. The existing curb inlet at Holly Lane at station 105+56.50, 8.16' RT has a flowline which is too shallow to connect to a proposed 24-inch (24") RCP which will run underneath pavement. This inlet must be removed and replaced with a type "C" curb inlet with a flowline deep enough to allow enough clearance to connect to the proposed 24-inch ("24") RCP which will run underneath pavement. The owner has requested that the Contractor add three (3-EA) "C2" inlets along Chateaux Drive. Incorporated in this overall work, the Contractor has to remove and replace forty-seven square yards (47 SY) of 6-inch (6") concrete residential driveway, remove and replace sixty-six square yards (66 SY) of 4-inch concrete sidewalk, remove two (2) existing curb inlets, remove one hundred thirty linear (130 LF) of 18-inch (18") RCP, remove twenty-six linear feet (26 LF) of 24-inch (24") RCP, install thirty-two linear feet (32 LF) of 30-inch RCP and install one hundred fifty-six linear feet (156 LF) of 36-inch (36") RCP. Additionally, the contractor is to install three square yards (3 SY) of new 4-inch 4" concrete sidewalk on Chateaux Drive. The four (4) calendar day time extension is to perform the work in this change order.

Summary of Changes:

	PRICE	TIME
Original Contract:	\$626,883.10	90 Calendar Days
Net previous change(s):	\$28,399.00	3 Calendar Days
Contract prior to this change order:	\$655,282.10	93 Calendar Days
Net increase from this change order:	\$107,849.20	4 Calendar Days
Revised Contract Amount:	\$763,131.30	97 Calendar Days
Cumulative % Change in Contract:	21.73 %	7.78 %
Substantial Completion Date:	Original: January 23, 2023 Revised: January 30, 2023	

APPROVED BY:

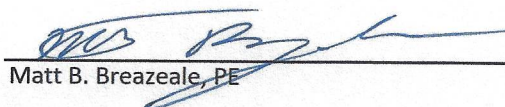
City of Bay City

Representative

Date

RECOMMENDED BY:

Quiddity Engineering, LLC


Matt B. Breazeale, PE

Date

ACCEPTED BY:

JTM Construction, LLC


Representative

12/21/22
Date

Enclosures: Attachment No. 002

K:\R0017\R0017-0057-00 Hamman Road Phase 1B Revised Drainage Im\3 Construction Phase\Contract Documents\Change Orders\Change Order 002

DBR:BTG/AML

Construction of Hamman Road Drainage Improvements Phase 1B Revised

City of Bay City

The Contractor is directed to furnish all materials, labor, equipment, and subcontractors to provide and install three (3) type "A" grate inlets at along Hamman Road. The contractor is to remove one hundred thirty linear feet (130 LF) of 18-inch (18") RCP on Chateaux Drive. The Contractor is to remove and dispose of two (2) existing curb inlets on Chateaux Drive and one (1) existing curb inlet on Holly Lane. The Contractor is to provide and install three (3) type "C2" curb inlets on Chateaux Drive. The Contractor is to remove and dispose of twenty-six linear feet (26 LF) of 24-inch (24") RCP on Chateaux Drive. The Contractor is to provide and install thirty-two linear feet (32 LF) of 30-inch (30") RCP on Chateaux Drive. The Contractor is to provide and install one hundred fifty-six linear feet (156 LF) of 36-inch (36") RCP on Chateaux Drive. The Contractor is to provide and install one (1) type "C1" curb inlet on Holly Lane. The Contractor is to remove, dispose of, provide and reinstall thirty-six square yards (36 SY) of asphalt pavement Chateaux Drive. The Contractor is to remove and dispose of sixty-six square yards (66 SY) of concrete sidewalk on Chateaux Drive. The Contractor is to provide and install sixty-nine square yards (69 SY) of 4-inch (4") concrete sidewalk on Chateaux Drive. The Contractor is to remove and dispose of forty-seven square yards (47 SY) of concrete pavement on Chateaux Drive. The contractor is to provide and install forty-eight square yards (48 SY) of 6-inch (6") concrete residential driveway on Chateaux Drive. The Contract Period of Performance is being extended by four (4) calendar days.

To implement payment for this work, the following revisions are made to the Items/Quantity Sheets:

<u>Item No.</u>	<u>Description</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Current Quantity</u>	<u>Revised Quantity</u>	<u>Previous Amount</u>	<u>Revised Amount</u>	<u>Net Change</u>
H.2.	30-inch RCP, ASTM C-76 Class III, all depths, (including bedding and backfill), complete in place.	L.F.	\$229.50	565.0	597.0	\$129,667.50	\$137,011.50	\$7,344.00
H.3.	36-inch RCP, ASTM C-76, Class III, all depths, (including bedding and backfill), complete in place.	L.F.	\$166.30	452.0	608.0	\$75,167.60	\$101,110.40	\$25,942.80
I.1.	Asphalt pavement, complete in place.	S.Y.	\$75.10	599.0	635.0	\$44,984.90	\$47,688.50	\$2,703.60
I.4	4" concrete sidewalk, complete in place.	S.Y.	\$56.00	198.0	267.0	\$11,088.00	\$14,952.00	\$3,864.00
J.1.	Remove existing asphalt pavement and dispose of in a suitable manner.	S.Y.	\$14.50	599.0	635.0	\$8,685.50	\$9,207.50	\$522.00
J.2.	Remove existing concrete pavement and dispose of in a suitable manner.	S.Y.	\$14.50	27.0	64.0	\$391.50	\$928.00	\$536.50
J.4	Remove existing concrete sidewalk and dispose of offsite in a suitable manner.	S.Y.	\$14.50	198.0	264.0	\$2,871.00	\$3,828.00	\$957.00
J.5.	Remove existing 24" RCP and dispose of offsite in a suitable manner.	L.F.	\$15.00	32.0	58.0	\$480.00	\$870.00	\$390.00
L.8.	Type "C" inlet, including excavation, bedding and backfill, complete in place.	EA	\$9,049.30	0.0	1.0	\$0.00	\$9,049.30	\$9,049.30
L.8.	Type "C2" inlet, including excavation, bedding and backfill, complete in place.	EA	\$12,509.00	0.0	3.0	\$0.00	\$37,527.00	\$37,527.00
L.9.	Provide and install grate inlet, including steel grate, excavation, bedding and backfill, complete in place.	EA	\$3,507.00	0.0	3.0	\$0.00	\$10,521.00	\$10,521.00
L.10.	Remove existing curb inlet and dispose of offsite in a suitable manner.	EA	\$567.00	0.0	3.0	\$0.00	\$1,701.00	\$1,701.00
L.11.	Remove existing 18-inch (18") RCP and dispose of offsite in a suitable manner.	L.F.	\$15.00	0.0	130.0	\$0.00	\$1,950.00	\$1,950.00
L.12.	6-inch (6") concrete driveway, complete in place.	S.Y.	\$103.00	0.0	47.0	\$0.00	\$4,841.00	\$4,841.00
NET INCREASE IN CONTRACT PRICE								\$107,849.20

4 calendar days are being added to the Contract Period of Performance.

