

MEMORANDUM

To: Programs, Projects, and Operations Subcommittee

From: Martin P. Cleveland

Subject: Big Papio Levee Culverts Phase 2 – Graham Construction Contract Change Order # 6

Date: June 16, 2021

On April 26, 2019, the District signed a contract with Graham Construction Inc. to rehabilitate 17 aging culverts along Big Papillion Creek between West Center Rd. in Omaha and Capehart Rd. in Bellevue, NE. The total bid price was \$3,146,227.15, based on estimated quantities listed in the bid document. There have been 5 change orders to date on this project with a total cost of \$302,760.71 to address increase unforeseen circumstances, changes in site conditions and deterioration of culverts since the project commenced in 2019. The project is complete as of June 2021 and it is customary to have a final change order to address decreases and increases in overall quantities of bid items.

Enclosed is a copy of the proposed change order #6. There are no work items to be added to this change order, but merely to close out the project. The change order #6 total cost is \$31,259.84. When all the change orders are added together, they total $\$302,760.71 + 31,259.84 = \$334,020.55$. The change orders would total 10.6% of the overall project cost of \$3,146,227.15.

District policy 15.1 Purchasing – Construction Services states, “The General Manager is authorized to effect change orders accumulating not more than a total of 10% of the contract amount.” Pursuant to this policy, Management is required to seek Board approval to exceed the 10% contract amount limit.

The Budget Account 01-03-4479-591 (Maintenance- Levees Contract Work) has been expended at \$867,257.55 as of May 31, 2021 and there is \$2,157,742.45 remaining and will be adequate to cover the additional change order #6 of \$31,259.84 and project contract retainage of \$347,179.70 for this project.

Management recommends that the Subcommittee recommend to the Board that the General Manager be authorized to approve the Big Papio Levee Culverts Phase 2 Graham Construction Change Order #6, bringing the total construction contract amount of \$3,480,247.70.

Date of Issuance: 15 June 2021
Owner: Papio-Missouri River NRD
Contractor: Graham Construction, Inc.
Engineer: FYRA Engineering
Project: Big Papio Levee Culverts Project Phase 2

Effective Date: 15 June 2021
Owner's Contract No.: 529-2019
Contractor's Project No.: -
Engineer's Project No.: 001-17-04

The Contract is Modified as follows upon execution of this Change Order:

Description: This Change Order is the final change order to add any quantity additions and to deduct any quantities not utilized during construction

ITEM #	ITEM DESCRIPTION	UNIT	CHANGE IN QUANTITY	UNIT COST	TOTAL
1.05	CLEAN AND JET 24" CULVERT	LF	-310	\$ 8.00	\$ (2,480.00)
1.07	CLEAN AND JET 36" CULVERT	LF	-162	\$ 9.50	\$ (1,539.00)
1.08	CLEAN AND JET 48" CULVERT	LF	-185	\$ 11.50	\$ (2,127.50)
1.10	CLEAN AND JET 84" CULVERT	LF	-169	\$ 16.50	\$ (2,788.50)
1.15	STABILIZED CONSTRUCTION ENTRANCE	EA	-2	\$ 1,805.00	\$ (3,610.00)
1.28	REMOVE AND REPLACE 6" CONCRETE TRAIL	SF	-400	\$ 6.81	\$ (2,724.00)
1.30	GROUT TO FILL VOIDS	CY	75.99	\$ 575.00	\$ 43,694.25
1.37	18" OD HDPE SLIPLINING WITH GROUT	LF	-2	\$ 195.00	\$ (390.00)
1.39	22" OD HDPE SLIPLINING WITH GROUT	LF	-1	\$ 232.00	\$ (232.00)
2.34	24" OD HDPE SLIPLINING WITH GROUT	LF	368	\$ 245.00	\$ 90,160.00
1.41	42" OD HDPE SLIPLINING WITH GROUT	LF	-21	\$ 390.00	\$ (8,190.00)
1.42	54" OD HDPE SLIPLINING WITH GROUT	LF	-166	\$ 545.00	\$ (90,470.00)
1.47	24" DIA CMP	LF	-4	\$ 72.00	\$ (288.00)
1.48	30" DIA CMP	LF	-4	\$ 195.00	\$ (780.00)
1.65	ALUMINUM FLAP GATE FOR 20" OD HDPE	EA	1	\$ 3,935.00	\$ 3,935.00
1.75	SEEDING	AC	-3.6	\$ 2,720.00	\$ (9,792.00)
1.76	WETLAND SEEDING	AC	-0.05	\$ 4,350.00	\$ (217.50)
1.77	EROSION CONTROL BLANKET	SY	4216.26	\$ 1.40	\$ 5,902.77
1.79	-3" AGGREGATE	TON	72.78	\$ 45.00	\$ 3,275.10
2.07	CLEAN AND JET 24" CULVERT	LF	-83	\$ 8.00	\$ (664.00)
2.08	CLEAN AND JET 30" CULVERT	LF	1442	\$ 9.00	\$ 12,978.00
2.09	CLEAN AND JET 42" CULVERT	LF	-93	\$ 10.00	\$ (930.00)
2.10	CLEAN AND JET 72" CULVERT	LF	-158	\$ 15.00	\$ (2,370.00)

Change Order No. 006

ITEM #	ITEM DESCRIPTION	UNIT	CHANGE IN QUANTITY	UNIT COST	TOTAL
2.11	CLEAN AND JET 78" CULVERT	LF	-196	\$ 16.00	\$ (3,136.00)
2.12	TEMPORARY TRAFFIC CONTROL	LS	0.147	\$ 3,750.00	\$ 551.25
2.26	REMOVE AND REPLACE 6" CONCRETE TRAIL	SF	1892.75	\$ 7.00	\$ 13,249.25
2.27	REMOVE AND REPLACE 5' CHAIN LINK FENCE	LF	-75	\$ 30.50	\$ (2,287.50)
2.33	20" OD HDPE LINER PIPE	LF	-4	\$ 375.00	\$ (1,500.00)
2.42	24" CONCRETE COLLAR	EA	-2	\$ 805.00	\$ (1,610.00)
2.49	FIBERGLASS RESIN PIPE PATCH	EA	-2	\$ 925.00	\$ (1,850.00)
2.55	SHEET PILE	SF	-144	\$ 39.00	\$ (5,616.00)
2.60	TYPE "C" RIPRAP	TN	89.36	\$ 61.60	\$ 5,504.58
2.61	TYPE "B" RIPRAP	TN	-5.66	\$ 60.60	\$ (343.00)
2.62	6" BEDDING MATERIAL	SY	-183.26	\$ 11.00	\$ (2,015.86)
2.63	SEEDING	AC	-2.60	\$ 2,720.00	\$ (7,072.00)
2.64	WETLAND SEEDING	AC	-0.05	\$ 4,350.00	\$ (217.50)
2.65	EROSION CONTROL BLANKET	SY	5178.57	\$ 1.40	\$ 7,250.00

TOTAL \$ 31,259.84

CITY OF OMAHA CULVERT TOTALS \$ 9,921.22

Attachments:

CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TERMS <i>[note changes in Milestones if applicable]</i>
Original Contract Price: \$3,146,227.15	Original Contract Times: Substantial Completion: 4/26/2020 Ready for Final Payment: 4/26/2020 days or dates
Increase from previously approved Change Orders No. 001 to 005: \$302,760.71	Increase from previously approved Change Orders No. 001 to 004: Substantial Completion: 11/30/2020 Ready for Final Payment: 12/31/2020
Contract Price prior to this Change Order: \$3,448,987.86	Contract Times prior to this Change Order: Substantial Completion: 11/30/2020 Ready for Final Payment: 12/31/2020
Increase of this Change Order: \$31,259.84	Increase of this Change Order: Substantial Completion: 6/1/2021 Ready for Final Payment: 8/1/2021
Contract Price Incorporating this Change Order: \$3,480,247.70	Contract Times with all approved Change Orders: Substantial Completion: 6/1/2021 Ready for Final Payment: 8/1/2021

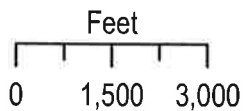
RECOMMENDED: By: <u>Melinda C. Rogers</u> Engineer (if Required) Title: <u>Project Manager</u> Date: <u>15-Jun-21</u>	AUHTORIZED: By: _____ Owner (Authorized Signature) Title: _____ Date: _____	RECEIVED: By: <u>[Signature]</u> Contractor (Authorized Signature) Title: <u>District Manager</u> Date: <u>6/15/21</u>
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Approved by Funding Agency (if applicable)
 By: _____ Date: _____
 Title: _____



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Culvert Location Map



**PAPIO-MISSOURI RIVER
NATURAL
RESOURCES
DISTRICT**

8901 S. 154th Street
Omaha, NE 68138-3621

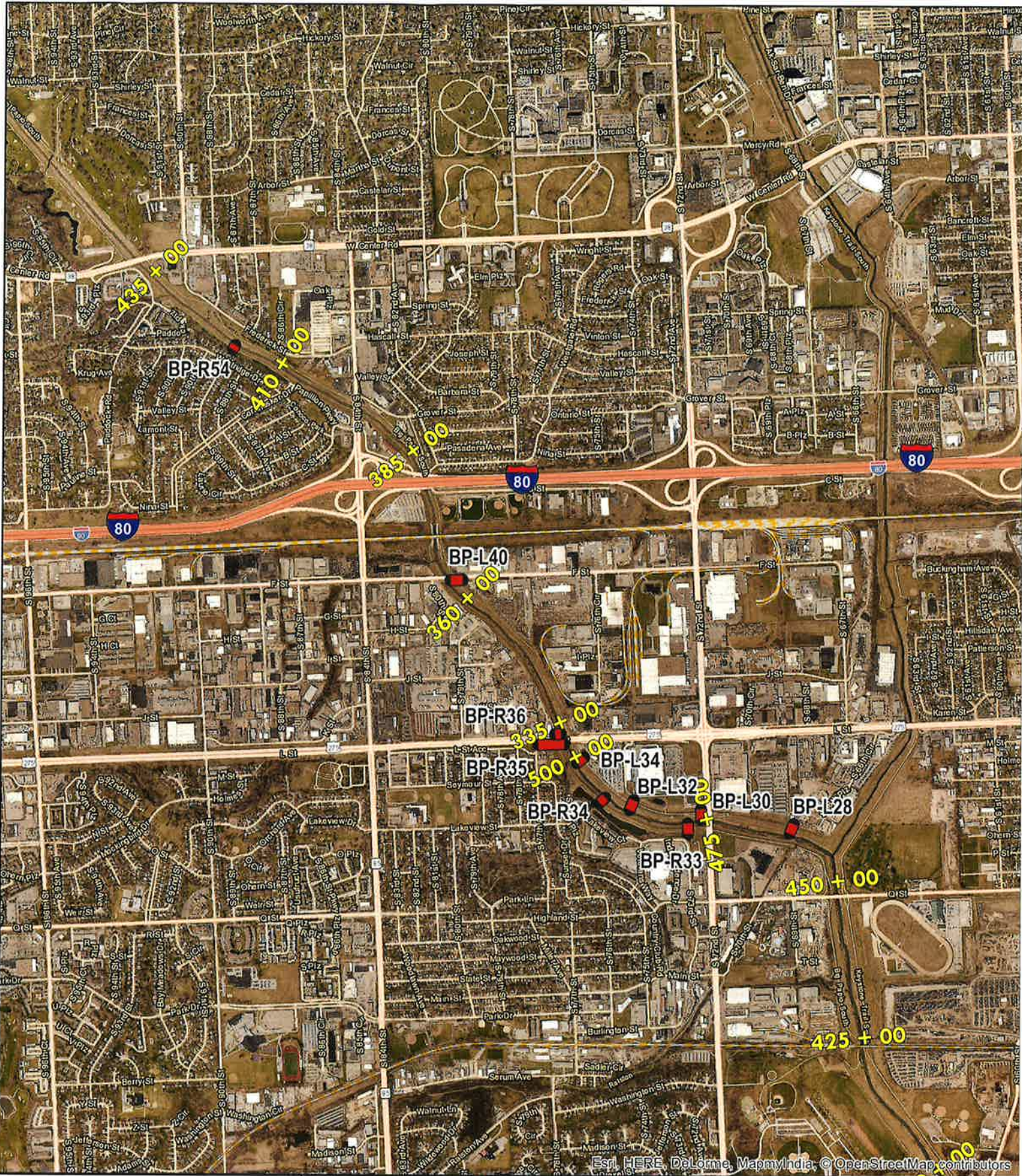
**BIG PAPIO LEVEE
CULVERTS PROJECT - PHASE 2**

**CAPEHART RD. TO
HARRISON ST.**

Phase 2

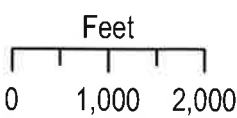
Sheet 1 of 2

Date: 12/10/2018



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Culvert Location Map



**PAPIO-MISSOURI RIVER
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8901 S. 154th Street
Omaha, NE 68138-3621

**BIG PAPIO LEVEE
CULVERTS PROJECT - PHASE 2**

**W. CENTER RD. TO
"Q" ST.**

Phase 2

Sheet 2 of 2
Date: 12/10/2018