

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Martin P. Cleveland, Construction Engineer

SUBJECT: No Name Dike Culvert Rehabilitation Project

DATE: June 30, 2020

The No Name Dike Culvert Rehabilitation Project is in western Douglas County along the Platte River, as shown on the enclosed location maps. The Project consists of rehabilitation of 2 aging levee penetrations/culverts in the No Name Dike System. This work includes, but is not limited to, dewatering, slip-lining with HDPE (plastic) pipe and grouting the existing culverts, and removal and replacement of rip rap at the outlets.

On June 25, 2020, the District opened bids for the No Name Dike Culvert Rehabilitation Project. Two bids were received ranging from \$278,941 to \$288,460. The lowest bid is \$278,941 and was submitted by Pat Thomas Construction, Inc. Enclosed is a bid summary.

The Engineer's cost estimate for the No Name Dike Culvert Rehabilitation Project, prepared by FYRA Engineering, is \$290,413.75. Enclosed is the engineer's bid recommendation letter. It is the engineer's recommendation that the bid of \$ 278,941 received from Pat Thomas Construction, Inc. be accepted.

Management recommends that the Programs, Projects and Operations Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a contract with Pat Thomas Construction, Inc. in the amount of \$278,941 for the construction of the No Name Dike Culvert Rehabilitation Project, subject to changes deemed necessary by the General Manager and approval as to form by District Legal Counsel.



30 June 2020

Mr. Martin Cleveland, P.E.
Papio-Missouri River NRD
8901 S. 154th Street
Omaha, NE 68138

Re: No Name Dike Culvert Rehabilitation Project

Dear Martin:

The bid opening for the above-referenced project was held at the P-MRNRD on 25 June 2020. The low bid of \$278,941.00 was received from Pat Thomas Construction, Inc. and was below the engineer's estimate of \$290,413.75. One other bid was submitted by Niewohner Construction, Inc for \$288,460.00 and can reviewed on the attached bid tabulation.

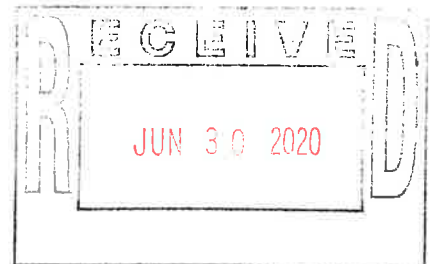
After a review of the bids, the unit prices appear to be in line with the current bidding climate. Pat Thomas Construction, Inc provided a list of projects and references for review. Calls were made to references who confirmed that Pat Thomas Construction, Inc was qualified to do the work and provided a quality product. Given their experience, I do not have any reservations in recommending the low bidder, Pat Thomas Construction, Inc for this project.

My recommendation is to award the project to Pat Thomas Construction, Inc and begin the contracting process upon Board approval. Please feel free to contact me if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Melinda C. Rogers". The signature is fluid and cursive.

Lindy Rogers, P.E.



Project: No Name Dike Culvert Rehabilitation Project
Bid Opening: 25-Jun-20
FYRA Proj No: 001-18-04

Basis of Bid				PAT THOMAS CONSTRUCTION, INC.		NIEWOHNER CONSTRUCTION INC.		ENGINEER'S ESTIMATE		LOW BID DEVIATION
	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
1.01	MOBILIZATION	LS	1	\$ 6,800.00	\$ 6,800.00	\$ 30,000.00	\$ 30,000.00	\$ 30,391.00	\$ 30,391.00	\$ 23,591.00
1.02	CLEAN AND JET CULVERTS	LF	230	\$ 21.75	\$ 5,002.50	\$ 30.00	\$ 6,900.00	\$ 13.00	\$ 2,990.00	\$ (8.75)
1.03	CONSTRUCT AND REMOVE TEMPORARY COFFER DAM	EA	2	\$ 12,000.00	\$ 24,000.00	\$ 20,000.00	\$ 40,000.00	\$ 4,000.00	\$ 8,000.00	\$ (8,000.00)
1.04	DEWATERING	LS	1	\$ 64,000.00	\$ 64,000.00	\$ 30,000.00	\$ 30,000.00	\$ 5,000.00	\$ 5,000.00	\$ (59,000.00)
1.05	GROUT TO FILL VOIDS	CY	100	\$ 450.00	\$ 45,000.00	\$ 400.00	\$ 40,000.00	\$ 580.00	\$ 58,000.00	\$ 130.00
1.06	REMOVE 48" DIA FLAP GATE	EA	2	\$ 200.00	\$ 400.00	\$ 1,000.00	\$ 2,000.00	\$ 500.00	\$ 1,000.00	\$ 300.00
1.07	FLAP GATE FOR 48" DIA CMP	EA	2	\$ 11,000.00	\$ 22,000.00	\$ 8,000.00	\$ 16,000.00	\$ 2,500.00	\$ 5,000.00	\$ (8,500.00)
1.08	REMOVE 48" FLARED END SECTION	EA	2	\$ 200.00	\$ 400.00	\$ 1,000.00	\$ 2,000.00	\$ 380.00	\$ 760.00	\$ 180.00
1.09	48" DIA GALVANIZED STEEL FLARED END SECTION	EA	2	\$ 1,250.00	\$ 2,500.00	\$ 3,500.00	\$ 7,000.00	\$ 1,500.00	\$ 3,000.00	\$ 250.00
1.10	42" OD HDPE LINER PIPE	LF	230	\$ 303.00	\$ 69,690.00	\$ 350.00	\$ 80,500.00	\$ 390.00	\$ 89,700.00	\$ 87.00
1.11	GROUT TO FILL ANNULAR SPACE BETWEEN HOST PIPE AND HDPE	CY	25	\$ 850.00	\$ 21,250.00	\$ 400.00	\$ 10,000.00	\$ 580.00	\$ 14,500.00	\$ (270.00)
1.12	FIBERGLASS SLEEVE FOR HORIZONTAL BENDS	EA	2	\$ 2,500.00	\$ 5,000.00	\$ 3,000.00	\$ 6,000.00	\$ 1,100.00	\$ 2,200.00	\$ (1,400.00)
1.13	REMOVE DEGRADED RIPRAP AROUND PIPE OUTLETS	LS	1	\$ 3,500.00	\$ 3,500.00	\$ 1,500.00	\$ 1,500.00	\$ 2,500.00	\$ 2,500.00	\$ (1,000.00)
1.14	TYPE B RIPRAP	TN	21	\$ 83.50	\$ 1,753.50	\$ 160.00	\$ 3,360.00	\$ 90.00	\$ 1,890.00	\$ 6.50
1.15	TYPE C RIPRAP	TN	70	\$ 83.50	\$ 5,845.00	\$ 160.00	\$ 11,200.00	\$ 90.00	\$ 6,300.00	\$ 6.50
1.16	SEEDING	AC	0.4	\$ 4,500.00	\$ 1,800.00	\$ 5,000.00	\$ 2,000.00	\$ 2,750.00	\$ 1,100.00	\$ (1,750.00)
TOTAL					\$ 278,941.00		\$ 288,460.00	SUB-TOTAL	\$ 232,331.00	
								25% CONTINGENCY	\$ 58,082.75	
								TOTAL	\$ 290,413.75	

PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT
NO-NAME DIKE CULVERT REHABILITATION
DOUGLAS COUNTY, NEBRASKA

VALLEY

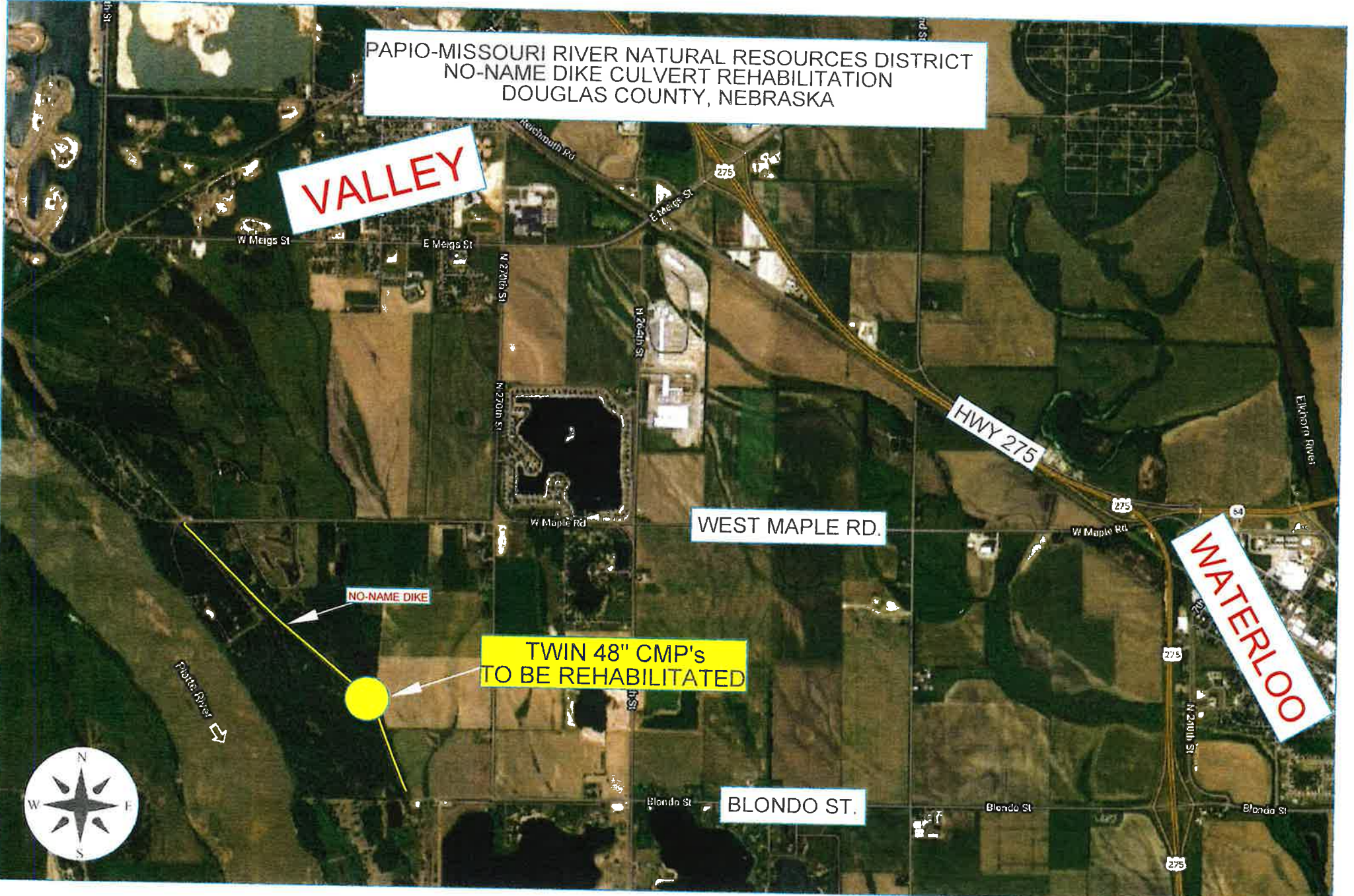
WATERLOO

TWIN 48" CMP'S
TO BE REHABILITATED

NO-NAME DIKE

WEST MAPLE RD.

BLONDO ST.



WEST MAPLE RD.

PAPIO-MISSOURI RIVER NATURAL RESOURCES DISTRICT
NO-NAME DIKE CULVERT REHABILITATION
DOUGLAS COUNTY, NEBRASKA

270th ST.

NO-NAME DIKE

TWIN 48" CMP's
TO BE REHABILITATED

PLATTE RIVER



270th ST.

BLONDO ST.

6/26/2020

