

MEMORANDUM

TO: Programs, Projects and Operations Subcommittee

FROM: Martin P. Cleveland

SUBJECT: Papillion Creek Watershed Structure S-31
Rehabilitation Project Bids

DATE: October 29, 2007

Attached is a location map for the referenced earthen dam rehabilitation project. This project will upgrade a 1970's vintage dam to high hazard classification to reflect development (houses and roads), that are located downstream of the dam.

The bid summary for the rehabilitation project is as follows:

	TOTAL BASE BID FOR S-31
CONSULTANT'S OPINION OF COST	\$394,758.00
THOMPSON CONSTRUCTION, INC.	\$445,583.00

See attached detailed bid summary for individual items.

One bid was received and the apparent low bidder is Thompson Construction, Inc., with a total base bid of \$445,583.00. The Consultant's Opinion of Probable Construction Cost by HDR Engineering is \$394,758.00. Thompson Construction, Inc., was awarded the construction contract for the rehabilitation of two nearby dams (S-27 and S-32) on August 2007 and is presently working on Dam Site S-27.

This work will be funded via funds included in (account 03 12 4479). The proposed Fiscal Year 2008 budget includes \$1,674,000 in this account. The Natural Resources Conservation Service will reimburse the District for approximately 65% of the total project costs (right of way and construction).

It is Management's recommendation that the Subcommittee recommend to the Board of Directors that the General Manager be authorized to execute a contract with Thompson Construction, Inc., for a total base bid of \$445,583.00 for construction the Papio Creek Watershed Structure S-31 Rehabilitation Project.

Summary of Bid Proposals

Project: Papillion Creek Watershed Structures S-31 Rehabilitation Project NRD Project No. 502

Opening Date: October 25, 2007 Opening Time: 2:00 p.m.

Bidder Name: 1 2 3 4

	1	2	3	4
	Consultant's Opinion of Cost	Thompson Construction, Inc.		
1. Total Base Bid for S-31	\$394,758.00	\$445,583.00		

Bid Bond (5%)	Yes/No	Yes		
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*Apparent Low Bidder is Thompson Construction, Inc.

COMPANY NAME: ADDRESS: CITY, STATE, ZIP: REPRESENTATIVE: TELEPHONE NO.: EMAIL ADDRESS:		Thompson Construction, Inc. PO Box 640 Arlington, NE 68002				Engineer's Opinion of Probable Construction Cost				
Item	Description	Spec. #	Quantity	Unit	Unit Cost	Total Cost	Math Check	Unit Cost	Total Cost	Math Check
	STRUCTURE: S-31									
1	Mobilization and Demobilization	8	1	LUMP SUM	\$15,000.00	\$15,000.00	\$15,000.00	\$ 20,000.00		\$20,000.00
2	Water for Construction	10	131	1000 GALS	\$55.00	\$7,205.00	\$7,205.00	\$ 85.00		\$11,135.00
3	Dewatering	11	1	LUMP SUM	\$26,000.00	\$26,000.00	\$26,000.00	\$ 36,000.00		\$36,000.00
4	Clearing and Grubbing	2	1	LUMP SUM	\$8,000.00	\$8,000.00	\$8,000.00	\$ 3,000.00		\$3,000.00
5	Excavation, Common	21	6,480	CU. YDS.	\$5.00	\$32,400.00	\$32,400.00	\$ 3.50		\$22,680.00
6	Earthfill, Class A Compaction	23	15,100	CU. YDS.	\$4.00	\$60,400.00	\$60,400.00	\$ 2.25		\$33,975.00
7	Drainfill, Foundation Drain System	24	122	CU. YDS.	\$80.00	\$9,760.00	\$9,760.00	\$ 60.00		\$7,320.00
8	Drainfill, Seepage Protection Filter System	24	170	CU. YDS.	\$50.00	\$8,500.00	\$8,500.00	\$ 50.00		\$8,500.00
9	Salvaging and Spreading Topsoil	26	9,530	SQ. YDS.	\$1.00	\$9,530.00	\$9,530.00	\$ 1.00		\$9,530.00
10	Concrete	31	23.9	CU. YDS.	\$1,300.00	\$31,070.00	\$31,070.00	\$ 1,300.00		\$31,070.00
11	Steel Reinforcement	34	3,034	LBS.	\$2.00	\$6,068.00	\$6,068.00	\$ 2.00		\$6,068.00
12	Reinforced Concrete Pipe (30-inch Dia.)	41	178.5	LIN. FT.	\$300.00	\$53,550.00	\$53,550.00	\$ 300.00		\$53,550.00
13	Plastic Pipe, Drawdown Pipe	45	22	LIN. FT.	\$65.00	\$1,430.00	\$1,430.00	\$ 65.00		\$1,430.00
14	Plastic Pipe, Drainage System	45	174	LIN. FT.	\$15.00	\$2,610.00	\$2,610.00	\$ 15.00		\$2,610.00
15	Metal Fabrication and Installation	81	1	LUMP SUM	\$11,000.00	\$11,000.00	\$11,000.00	\$ 11,000.00		\$11,000.00
16	Diversions	27	680	LIN. FT.	\$3.00	\$2,040.00	\$2,040.00	\$ 2.75		\$1,870.00
17	Rock Riprap (Plunge Pool)	212	459	CU. YDS.	\$110.00	\$50,490.00	\$50,490.00	\$ 110.00		\$50,490.00
18	Grouted Rock Riprap	212	25	CU. YDS.	\$200.00	\$5,000.00	\$5,000.00	\$ 200.00		\$5,000.00
19	Rock Riprap (Dam Front Slope)	212	500	CU. YDS.	\$92.00	\$46,000.00	\$46,000.00	\$ 92.00		\$46,000.00
20	Seeding and Mulching	6	9.5	ACRES	\$1,650.00	\$15,675.00	\$15,675.00	\$ 1,650.00		\$15,675.00
21	Shoreline Seeding	6	0.3	ACRES	\$2,100.00	\$630.00	\$630.00	\$ 2,100.00		\$630.00
22	Temporary Mulching	6	9.5	ACRES	\$550.00	\$5,225.00	\$5,225.00	\$ 550.00		\$5,225.00
23	Surveying and Staking	7	1	LUMP SUM	\$10,000.00	\$10,000.00	\$10,000.00	\$ 1,500.00		\$1,500.00
24	Conduit Removal	444	1	LUMP SUM	\$21,000.00	\$21,000.00	\$21,000.00	\$ 5,500.00		\$5,500.00
25	Pollution Control	5	1	LUMP SUM	\$7,000.00	\$7,000.00	\$7,000.00	\$ 5,000.00		\$5,000.00
	SUBTOTAL FOR STRUCTURE: S-31					\$445,583.00	\$445,583.00			\$394,758.00



30 October 2007

Mr. Martin Cleveland
Papio Missouri River Natural Resources District
Construction Engineer
8901 South 154th Street
Omaha, NE 68138-3621

Re: Rehabilitation Papillion Creek Watershed Structure S-31
Recommendation for Award of Bid.

Dear Mr. Cleveland:

Bids were received for rehabilitation of Papillion Creek Watershed Structure S-31 on 25 October 2007. One bid was submitted, it was from Thompson Construction Company in the amount of \$445,583.00. Even though that amount is \$50,825 over the opinion of approximate costs provided by HDR Engineering using updated unit prices, it is our opinion this is a competitive bid.

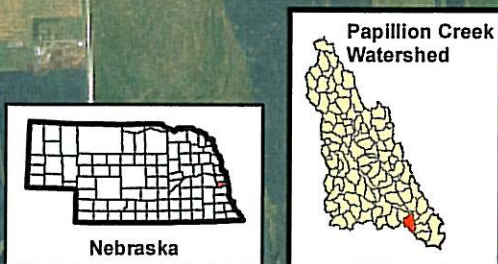
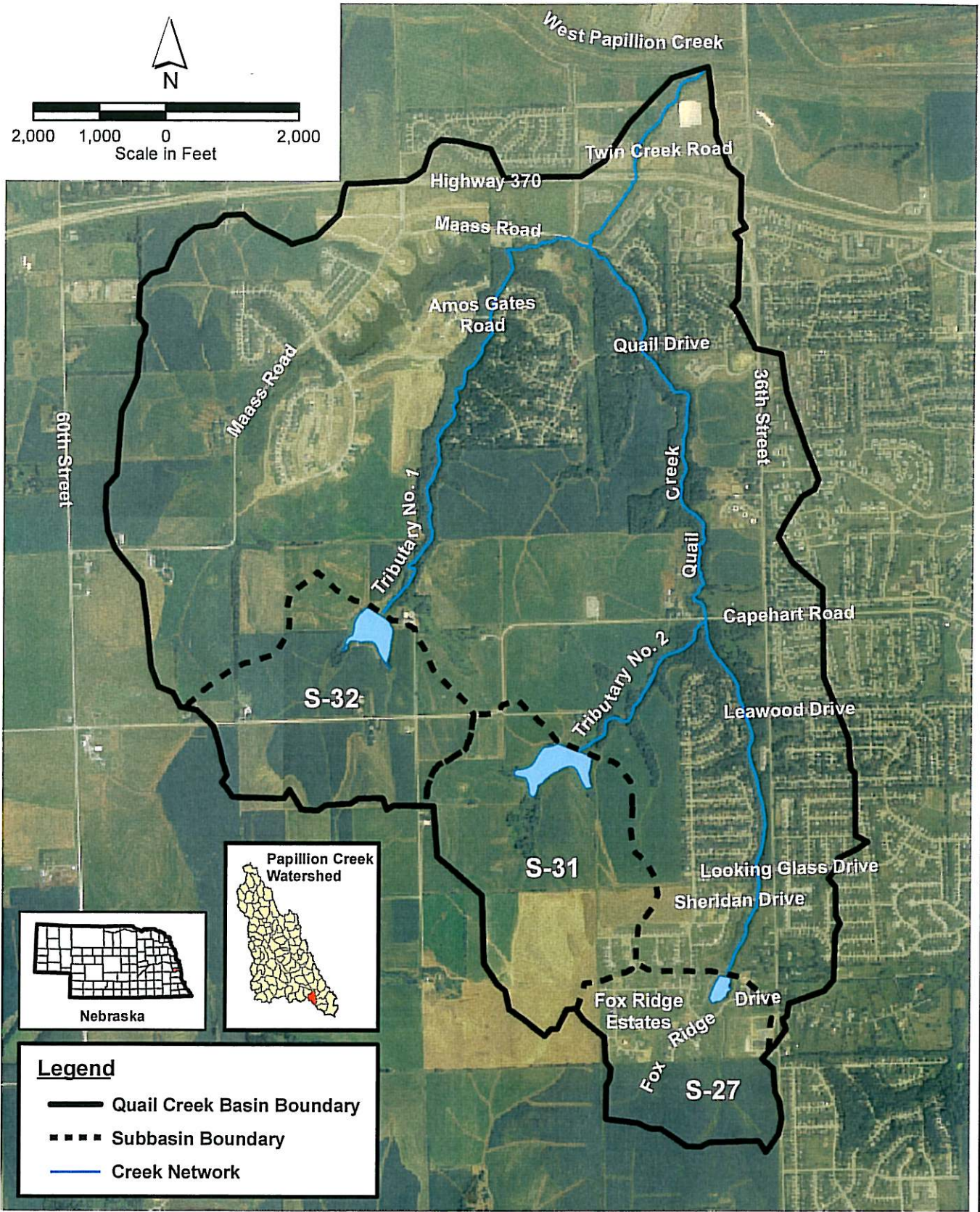
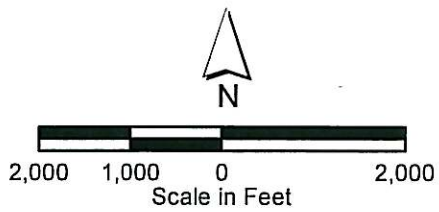
Thompson Construction is under contract for the rehabilitation of Papillion Creek Watershed Structures S-27 and S-32 and we are pleased with their work. We do not believe rebidding the project would result in lower bids and having the same contractor work on all three structure rehabilitation will facilitate coordination of construction and construction observation of work on key components at the structures.

It is our recommendation the Papio Missouri River Natural Resources District Board of Directors award the bid in the amount of \$445,583.00 to Thompson Construction Company for rehabilitation of Papillion Creek Watershed Structure S-31.

Please contact me at 402-741-2903 with any questions.

Sincerely,

John Cambridge, PE
Project Manger



Legend

- Quail Creek Basin Boundary
- - - Subbasin Boundary
- Creek Network

Source: Farm Service Agency, 2003 (Aerial Photography)

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Project Map
Quail Creek Basin

Papio Creek Watershed Structures S-27, S-31, and S-32
 NRCS Watershed Rehabilitation Program

DATE	July 2005
EXHIBIT	S-1

Designated: JWC
 Drawn: RDO
 Checked: PCS
 Approved: _____
 Date: _____

LAND RIGHTS ACQUISITION MAP
GRADE STABILIZATION STRUCTURE
STRUCTURE 8-31 REHABILITATION
PAPILLON CREEK WATERSHED
SARPY COUNTY, NEBRASKA



File No. _____
 Drawing No. _____
 Sheet 1 of 2



Temporary Easement
 Additional Permanent Easement
 Existing Permanent Easement

LAND RIGHTS MAP