

Projects Committee Meeting
Thursday, July 1, 2021 7:30 AM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. UNFINISHED BUSINESS

None

2. SWCP

2.A. SWCP Application Approvals

2.B. SWCP Payments

		\$	
PAI	BRAD	330	ACREAGE
D	BENZEL	.00	WINDBREAK
		\$	
PAI	BRIAN	372	FIELD &
D	STUART	.00	WILDLIFE
			WINDBREAK
20		\$	
-	PAI		
S-	D DAVID	523	TERRACE
6	VRANA	.50	ENLARGEMENT

2.C. SWCP Cancellations

None

2.D. Wahoo Creek Cost Share Approvals

None

3. WATERSHEDS

3.A. Shell Creek

3.A.1. Shell Creek Environmental Enhancement Plan Implementation

JEO continues to work with NDEE to complete our Watershed Plan Update. Attached is their \$2,000 June 29th invoice and progress report. After this payment, there will be \$23,026.50 remaining under contract.

Pruss Construction continues to work on the Shell Creek South Channel Improvement/Benching Project and U.P. Railroad is making good progress on their bridge replacement project near country road 15.

3.A.1.a. Shell Creek Grant Funding Update

As reported last month, NDEE has approved an additional \$226,000 of EPA 319 grant funding. This amount is combined with the prior \$164,480 of 319 funds plus \$13,989 of NET remaining funds brings the grand total of available grant funding to \$404,469 for use by June 30, 2022. Anticipated expenditures are: \$225,000 (Shell Creek South Channel Improvement/Benching); \$31,630 (Watershed Plan Update); \$22,000 (Watershed Survey); \$30,000 (Technical Assistance); \$100,000 - \$150,000 (Misc. Landowner & County Projects).

3.A.2. Shell Creek Environmental Enhancement Plan Practice Application

AUGUST	LIVESTOCK
T	- PUMP,
RUNGE	WELL,
JR	TANKS,
\$12,667.47	SEEDING

3.B. Wahoo Creek Watershed

3.B.1. Wahoo Creek Dam Site Planning Update & FYRA Invoices

Attached is FYRA's \$3,050 invoice for work completed under contract. After this payment, \$36,307.50 will remain under contract for finishing the Wahoo Creek Watershed Plan. During the invoice period, FYRA attended meetings to discuss Dam Site 83 removal, began the process of removing Site 83 from the Plan-EA, and worked on updating the economics without Site 83. It is anticipated that contact work will be completed in August and the draft plan submitted to NRCS for review.

3.B.2. Olsson Design Update and Invoice

No new information was discussed. Olsson is on hold with proceeding with the ten dam designs until the Wahoo Creek Watershed Plan is approved by NRCS. This approval is anticipated before the end of 2021.

3.B.3. Wahoo Creek Watershed Water Quality Plan Phase II

JEO continues to work with NDEE to complete our Watershed Plan Update. Attached is a draft report on sediment load estimates and water quality assessment that is being reviewed by NDEE. Attached is their June 29th invoice totaling \$8,121.50 and a progress report. After this payment, \$16,905 will remain under our \$31,630 contract. We are requesting NDEE reimbursement for this expense.

In working with Saunders County Hwy Dept. and Mainelli Wagner Engineering on the Czechland Lake Shoreline/Road Stabilization Project, all permitting has been obtained and the County has started dirt work on the Southwest shoreline/Railroad Ave. The County is taking bids on the fabric, and hauling the rip-rap which will be placed when the dirt work is completed. We plan to use available EPA 319 and NET grant funding at 60%.

3.C. Lands for Conservation

PARTICIPANT	ACRES	PAYMENT	LOCATION	WATERSHED
AUSTIN				
VERMELINE	40	\$ 8,200.00	sec.9-15-6	COTTONWOOD

4. JOINT WATER MANAGEMENT ADVISORY BOARD

4.A. Elkhorn Township/East Fremont Consultant Recommendation

On June 23, representatives from Dodge County, City of Fremont and LPNNRD, reviewed proposals and estimated fees from FYRA, JEO & Burns and McDonnell, for completing Phase I, Elkhorn Township/East Fremont Drainage Improvement Project. Dodge County has secured \$600,000 of FEMA funds for engineering design, feasibility studies and funding application development. After much discussion, the review group is recommending JEO as the firm for Dodge County to negotiate a possible contract. **The Board will be asked to support Dodge County's selection of JEO for the Elkhorn Township/East Fremont Drainage Improvement Project.** LPNNRD has committed up to \$66,500 (8)% toward the 25% local match of \$200,000.

4.B. Platte River Breach Repair Project (Fremont Rod & Gun Club) Update

Below is Jake Miriovsky's (JEO) notes on a June 24th meeting about progress on the Platte River Breach Repair Project which appears to be going well.

Attendees: Tom Smith (Dodge County), John Miyoshi and Joel Jelkin (Rod and Gun), Jake Miriovsky and Trevin Rezac (JEO), and Todd Yost (Yost Excavating)

- **Contractor expects to have cohesive fill complete by end of this week; will continue with topsoil and riprap**
- **Riprap currently being placed on northeast end of project, Sta. 14+00 to 19+00 RT; a portion of riprap at eastern riprap extents is placed**
 - **Gradation of riprap is good**
- **Reviewed sanitary force main pipe support installation**
- **Access to bank stabilization for Base Bid B will be from west, with minor grading needed to facilitate access**
- **Base Bid B bank stabilization: adjust to place LPSTP at edge of existing bank versus trenching into existing bank**
 - **Push down existing 'revetment' to make room, as needed**
- **Project is on schedule**
- **First payment application will be submitted within next few days**

4.C. Rawhide Creek Watershed Work Plan-Environmental Assessment - Consultant Selection

As reported last month, Dodge County, LPNNRD and Fremont representatives met on June 1, 2021 to review the RFP proposals and recommend a consulting firm for completing the Watershed Plan Environmental Assessment for the Rawhide Creek Watershed. Three firms

submitted proposals (FYRA, JEO & Burns & McDonnell) and the final review committee's recommendation came down to the proposed cost to complete the watershed plan. Burns and McDonnell submitted the perceived lowest proposed cost to complete the work. That was the major deciding factor in receiving the recommendation for Dodge County to negotiate a contract. However, during Dodge County's contract discussions, Burns and McDonnell provided an adjusted scope to their original project proposal for the Rawhide Watershed Project after having conversations with NRCS. These adjustments are as follows: 1) cost will increase \$130,000.00 (total bid proposal now \$497,150), 2) owner is responsible for providing 2D HEC-RAS model(s), 3) in addition to this scope, additional scope and fees will be necessary to extend the model/further upstream; most modeling data we have does not extend the entirety of the Rawhide Watershed. **With this significant cost increase from the original proposal, representatives have scheduled a Zoom meeting for 10:15 a.m. of Friday, July 2nd to re-evaluate the situation and firm proposals.**

NRCS has obligated funds for planning and conceptual design costs for surveys and investigations, environmental studies, evaluation of alternatives, and preparation of plans and design prior to the authorization of assistance for the installation of works of improvement. The assessment will evaluate feasible flood reduction projects that can hopefully be eligible for future federal Watershed Flood Prevention Operations (WFPO) program. While LPNNRD is a participating partner, this planning effort is 100% funded by NRCS, so we have not obligated any funding at this point.

The original proposals for this project can be viewed at the following link: https://drive.google.com/drive/folders/1XJTJ7_uvUcW5GZC2_Ebc-BrHI2rPJtBG?usp=sharing. Keep in mind that the Burns and McDonnell proposal has the above adjustments.

5. HAZARD MITIGATION PLAN UPDATE

No new update.

6. EROSION AND SEDIMENT RULES AND REGULATIONS

No new complaints to address.

7. OTHER

7.A. Leshara Drainage improvement Project Assistance Request 8:00 a.m.

Michael Pettinger, Leshara Board Member, has contacted LPNNRD requesting future assistance consideration on a \$732,500 drainage improvement project for the Village (attachment). JEO Project Manager and Engineer Nathan Boone provided the following:

"The original conversation started due to rapidly degrading street conditions as a result of drainage problems from recent winter and rainfall events. It was determined that in order to make long-term street improvements, the village first needs to improve the drainage infrastructure. These drainage improvements would also keep stormwater away from building structures and provide a means for it to efficiently flow to Otoe Creek. Through multiple conversations and field reviews with Leshara

officials, JEO has developed the attached draft existing conditions map illustrating our understanding of the drainage patterns and culverts. Based on these observations, a draft improvement plan highlighting the needs, primarily new culvert locations both across village streets and driveways, was also developed.

Due to the elevation gradient across the village, the improvements aren't as simple as cleaning out ditches and replacing culverts. Limited public ROW and differences in elevation will require an in-ground storm system in some parts of the community, primarily on the uphill side of north-south streets, and an improved ditch system on east-west streets. A high-level study is required to correctly identify and size the key outlet locations to Otoe Creek and its receiving waters.

The Village has decided to move forward with a 2021 CDBG application through SENDD, an effort JEO is assisting with, and hopes to combine any additional available monies to make as many drainage improvements as feasible. Due to the limited population size and village valuation, the community can only take on a limited project size without additional assistance. Due to the large project cost, this is likely a multi-phase project, yet the need to make improvements is urgent."

Both Michael Petinger and Nathan Boone were present to discuss project details with the committee. It was explained that after possible grant assistance and a planned municipal bond, there would be an estimated \$62,000 of funds requested from the LPNDRD to bridge the funding gap. After the meeting, Mountford contacted NDEE about the possibility of the community receiving a State Revolving Fund Grant (80%) and 20-year loan to help with the project.

7.B. North Bend Dike Stabilization Project - Easement Preparation Assistance Request 8:30 a.m.

North Bend submitted the below assistance request regarding their effort toward surveying and other real estate work for easements for the North Bend Levee System. The City is requesting that this expense be shared equally between North Bend, Dodge County and LPNDRD:

Tom - attached is an agreement Kevin with JEO has submitted to the City of North Bend for approval. The fee for JEO to develop the North Bend levee easements is \$39,000. I would like to be placed on your next agenda, was told July 12th at 6:00 p.m., to have a motion on record that the NRD is willing to pay 1/3 of this fee so we can move forward on getting the levee easements in place. Kevin Kruse with JEO will also attend your meeting with me. If you have any questions, please give me a call - thanks! Theresa Busse, City Clerk

Both Theresa and Kevin gave input at the Projects Committee Meeting.

7.C. LPNDRD Budget Review

Staff is inputting into our FY 2022 Budget which will be reviewed at the next meeting.

8. ADJOURNMENT

The Projects Committee Meeting adjourned at 8:50 a.m.