

Projects Committee Meeting
Thursday, August 1, 2024 7:30 AM
Lower Platte North NRD Office
P.O. Box 126
Wahoo, NE 68066

1. UNFINISHED BUSINESS

2. SWCP

2.A. SWCP Application Approvals

As of 7/31, DNR has not informed the NRDs (statewide) of our FY25 SWCP allocation. Early indications is that we were to expect the same allocation as last year, \$86,748.17. Listed below are the current eligible applications for FY25 SWCP application approval:

24-S-1 DON ANDERSON	\$	2,735.50	Grass waterway
24-S-2 MICHAEL ANDERSON	\$	15,000.00	Grass waterway
24-S-3 TERRY KUBIK	\$	15,000.00	Terraces with tile outlet
24-B-1 DONALD KREJCI	\$	15,000.00	WASCB/tile outlet

2.B. SWCP Payments

2.C. SWCP Cancellations

2.D. Wahoo Creek Cost Share Approvals

3. JOINT WATER MANAGEMENT ADVISORY BOARD (JWMAB)

3.A. East Fremont/Elkhorn Township Drainage - FEMA HMPG

No updates. The partners have a meeting set for August 6th to get direction from the City of Fremont.

3.B. West Fremont - FEMA BRIC

3.C. Rawhide Creek Watershed - NRCS WFPO

State NRCS is backlogged and the plan has not been sent to National. There will not be much happening until comments come back from the National Watershed Management Center.

3.D. North Bend Drainage District

Regarding the North Bend Drainage Ditch Improvement project that the NRD committed \$100,000 for in 2020 and then State funds (CDBG-DR) came through to pick up the remainder.

Recently Houston Engineering submitted a revised agreement amendment for the

Drainage Districts approval. The amendment is for an additional \$56,915 (\$94,321 to \$151,236) and in Houston Engineering words includes:

1. All plan completion, FEMA coordination, DNR/NDOT/RR coordination, and USACE coordination to complete plans incurred since our last invoice in December of 2022. This time is included in Task 4.1 in the fee spreadsheet.
2. All land rights coordination, discussion, easement preparation to date and through delivery of the easement documents to Mr. Johnson. All of the time is included as Task 4.2
3. Preparation, coordination, attendance and conducting of bid phase. We are anticipating the bid opening will be at Dodge County or somewhere around Fremont.
4. Construction observation and project closeout phase.

The Amendment is attached.

3.E. Cotterell Diking and Drainage District

3.F. Camera and stage agreement

It is time to renew our agreement with USGS for 5 cameras on the Platte River (Columbus, North Bend, Schuyler, Leshara, Fremont) with two stage-only sites (Fremont and Schuyler). We currently have a 3-year agreement. USGS suggests a 3 or 5 year agreement, NRD staff prefer a longer agreement and will reach out to the partners for their input.

4. SHELL CREEK WATERSHED

4.A. Shell Creek Implementation - 319 & NET

SCWIG had a meeting on July 16th. Logistics for the Celebration scheduled for August 12th were the primary focus. The Final Bend project should be completed for the Celebration. Bill has several projects in the works with septic approvals below. Next meeting is scheduled for August 13th. SCWIG is recommending a residential irrigation sensor rebate program modeled off of MUDs program (attached) with these requirements:

5. Valid January 1, 2024 - December 31, 2024
6. Smart predictive controller, soil moisture probes, or rain shutoff
7. \$100 (not to exceed actual costs)
8. email or mail: form, copy of receipt, picture of product installed, W9
 - a. form: name, address, private well or Public Water Supply, date purchased, cost
9. Withing the Shell Creek watershed (including small areas outside of LPNNRD)
10. Allow up to 45 days for payment and processing

Staff will certify rebates to be paid on bills pending as they are submitted and will report regularly.

4.A.1. Septic System Upgrade Payment approval

Listed are two completed septic system upgrades that are certified and ready to be paid:

Approved amt	Final cost	Board app
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Jesse
Labe
nz \$11,500 \$11,108.01 8/12/2024

Mike
Dvora
k \$4,800 \$8,131.05 8/12/2024

4.A.2. Septic System upgrade application

A new application for a septic system upgrade was submitted by Bill Bos with estimated 60% cost-share at \$5,500.00

Approved c/s

Board app

Dawn
Schulz \$5,500 8/12/2024

5. WAHOO CREEK WATERSHED

5.A. Dam Site Planning Update

On 7/9 Gottshalk and Elliott presented to the Saunder Co Supervisors in regards to our Conditional Use Permit for construction of the first three sites. The permit is tied to the County's floodplain management duties and is required anytime fill is moved/placed within the 100 year floodplain. The applications were approved and are attached.

5.A.1. Design - Olsson

The plan for construction of the first three Wahoo Creek sites (26A, 26B, 27) stands to begin 11/1 as that ends the Northern Long-Eared Bat roosting season and we will be able to start with land clearing and site prep without any need for additional surveys. With that expected start date we will need to advertise for construction bids within the month to allow for site showing(s) and timely preparation. Andrew Philips will be present to discuss projected timeline. Olsson progress report and invoices attached.

5.A.2. Real Estate - Olsson & Great Plains Appraisal

Danielle Allen and staff have reached out to all landowners on sites 84 and 66 and met, or have set up, preliminary land right acquisition meetings with all interested parties. Several parcel owners do not want to meet until we have offers ready.

Introductory letters to landowners on sites 86 and 55 went out the week of 7/22 and Danielle will begin to set-up landowner meetings with interested parties starting in the next couple of weeks.

Olsson invoice attached.

5.A.3. Funding - NRCS WFPO & NeDNR JEDI

Reimbursement requests were sent to NeDNR for \$364,197.56 and NRCS for \$55,805.96 on July 25th. We received NeDNR JEDI payment on July 31st.

5.B. Water Quality - NWQI & 319

6. SKULL CREEK WATERSHED

NRCS informed us that our PIFR submittal to National will be delayed a bit as they are short-staffed.

6.A. Landowner Assistance

The NRD was contacted by Steve Beyers who owns property east of Linwood along Skull Creek and experienced flood damage during the spring storms. The property had an existing levee that protected the farmground that was damaged. The levee is a private structure and is not operated/managed by any entity. Mr. Beyers will be present to discuss his concerns.

7. CENTRAL CUTOFF DITCH

7.A. Channel repair

Larry Ruzicka, North Bend Drainage District, contacted the NRD about repair work needed on the Central Cutoff Ditch. The last segment of the ditch sustained damage during the 2019 flood and didn't meet FEMA standards for assistance. Larry will be present to discuss the project..

8. LOWER PLATTE RIVER CORRIDOR ALLIANCE

9. HAZARD MITIGATION PLAN UPDATE

JEO invoice and progress report attached.

10. OTHER

The Loess Hill RC&D is coordinating Household Hazardous Waste collections in three communities, one being North Bend. Due to unforeseen circumstances, they are requesting additional support from NRDs. Deb Ward will be on zoom to discuss.

11. ADJOURNMENT



PROFESSIONAL SERVICES AGREEMENT – AMENDMENT 2

PROJECT: North Bend Drainage Ditch Improvements HOUSTON ENG JOB #: 144-20-01 (FYRA)
CLIENT: North Bend Drainage District
ADDRESS: P.O. Box 495, North Bend, NE 68649
CONTACT: Larry Ruzicka TEL: 402.727.2785 Tax ID:
CLIENT EMAIL: lruzicka23@hotmail.com
CONSULTANT: Houston Engineering, Inc.
ADDRESS: 12702 Westport Parkway #300, Omaha, NE 68154
CONTACT: Michael K. Sotak, P.E., BC.WRE TEL: 402.934.8328 FAX:

PROJECT DESCRIPTION: Plan/Spec completion, final permitting, bidding and construction observation services. Assumes floodplain
Development permit does not require additional hydraulic analysis and other stated assumptions on fee spreadsheet.

[X] SCOPE OF SERVICES (By task assignment) [] SCHEDULE (See Attachment)

COMPENSATION:

The total compensation under this Agreement...

Task orders under this agreement can be authorized via email or written letter.

[] LUMP SUM. Compensation for these services shall be a Lump Sum of \$_____.

[X] TIME AND MATERIALS. Compensation for these services will not exceed \$151,236 without written authorization and will be based on the following option (per the attached Budget or List of Hourly Rates), and Reimbursable Expenses based on actual costs incurred and approved by Houston Engineering and as authorized in writing by Client.

[] Consultant's Direct Job Wages times a factor of _____ [X] Budget/List of Consultant's Hourly Rates.

[] COST PLUS FIXED FEE. Compensation for these services shall be Subconsultant Cost plus a fixed professional fee, including Reimbursable Expenses. The estimated compensation for services is \$__ plus a fixed fee of \$_____ for a total of \$_____.

COMPENSATION DETAIL (As per task assignment)

SCHEDULE OF PAYMENTS (See Following Pages)

SERVICES AUTHORIZED BY: [X] Execution of Agreement or [] Amendment(s) and/or NTP

EXECUTION: Execution of this document by duly authorized representatives of Houston Engineering, Inc., and CLIENT, including Houston Engineering's Standard General Terms and Conditions (attached) and any other attachments, Additional Provisions as indicated, and addenda, represents the entire Agreement between the parties hereto and supersedes all prior negotiations, representations, or agreements, either written or oral. This Agreement may be amended or modified by written instrument, but such instrument is valid only upon signature by both parties.

CONSULTANT: Houston Engineering, Inc.

CLIENT: North Bend Drainage District

BY: Michael K. Sotak, P.E., BC.WRE

BY: Larry Ruzicka

SIGNATURE: [Handwritten Signature]

SIGNATURE: _____

TITLE: Senior Consultant

TITLE: President

DATE: 17 July 2024

DATE: _____

Task Description	Houston Engineering						HEI Expenses	Totals
	Principal Sotak, PE, D.WRE \$285	Permitting Kaufman, PE \$238	Proj. Engr. Kelley \$208	Asst Engr EI (Varies) \$176	Accounting \$130			
Bidding								
4.1 Complete plans/specs per FEMA comments/regs	12	13	37	30				
4.2 Land Rights Acquisition	22			60				
4.3 Pre-Bid Coordination and Meeting	8	2		8				
4.4 Conduct Project Bidding	6			6				
4.5 JWMAB Board Approval and Recommendation	4					50		
Bidding Task Total	\$14,820	\$3,451	\$7,696	\$18,304	\$0	\$50		\$44,321
Construction Observation								
5.1 Pre-Construction Meeting	4			4		100		
5.2 Construction Observation (5 weeks)	40			200	2	2,400		
5.3 Construction Reporting	5			15				
5.4 Final Walkthrough	6			6				
5.5 As-Built Drawings	2			8		250		
5.6 FEMA Certifications	8			8				
Construction Observation Task Total	\$18,525	\$0	\$0	\$42,416	\$260	\$2,750		\$63,951
Permitting								
6.1 Coordination with NEMA	4	12						
6.2 USACE Section 404 Permitting		16		16				
6.3 Floodplain Development Permitting			16	16		200		
Permitting Coordination Task Total	\$1,140	\$6,664	\$3,328	\$5,632	\$26,000	\$200		\$42,964
								\$151,236

- 4.1 All plan/permit/correspondence with FEMA since Dec., 2022
- 4.2 All land rights discussions to date plus preparation of easement documents
- 5.2 Assumes 5 weeks of 8 hour days
- 5.3 Assumes 5 weeks of CO reports
- 5.4 Full day of walk through plus communication
- 5.5 Assumes 2 EI surveying as-built for 1 day
- 5.6 Assumes 1 day to incorporate as-built survey into plans
- 6.1 Assumes REC dated 8/28/2023 is valid and no changes in scope will require additional NEPA analysis
- 6.2 Assumes impacts to jurisdictional waters fit within limitations of a Nationwide permit
- 6.3 Assumes that hydrologic and hydraulic analysis prepared in the Design TM is acceptable for FDP approval

Name	Bill Status	Unit	Project Path	Transaction Date	Bill Rate/MU	Units/Hrs	Amount	Time/Expense Comments	Instructions To Biller
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-1	5/9/2023	255	0.75	191.25	easements	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-1	5/10/2023	255	2	510	RF3 response	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-1	5/12/2023	255	0.75	191.25	Call w/ FEMA	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-03-1	2/16/2024	270	1	270	Borrow sources research for FEMA Compliance	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	3/5/2024	270	0.25	67.5	easements	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	3/6/2024	270	0.5	135	easement email	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	3/12/2024	270	2	540	NBDD Zoom meeting and next steps w/ Furman	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	3/14/2024	270	1	270	Land rights assessment	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	3/18/2024	270	0.5	135	Easement progress	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	3/25/2024	270	3.25	877.5	LR spreadsheet/costs/damage factor	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	3/26/2024	270	2	540	Lunch w/ Woodle, Review of Furman acreages/costs	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	3/27/2024	270	1.5	405	Meeting prep	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	3/28/2024	270	4	1080	NBDD Meeting at Dodge Cty prep/attendance/follow up	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	4/8/2024	270	1.5	405	write up to furman	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	4/10/2024	270	0.5	135	furman easements next steps	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	4/12/2024	270	1.5	405	letter to tom and larry	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	4/29/2024	270	1	270	Meeting prep	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	4/30/2024	270	1.5	405	Meeting/follow up	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	5/1/2024	270	0.75	202.5	Minutes/JEO coord	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	5/2/2024	270	0.25	67.5	JEO coord	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	5/9/2024	270	3.75	1012.5	Meeting w/ JEO, minutes, follow up w/ JWMAB and Bob/Connor	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	5/12/2024	270	1.25	337.5	Email about Dodge Cty Jean Andrews	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	5/13/2024	270	0.5	135	email review	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	6/24/2024	270	1.25	337.5	Prep/attendance/follow up to call w/ Tom Larry Rod Chris	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	7/10/2024	270	2	540	Easement reviews/UPRR/Rod Johnson mail	
Sotak, Michael K.	Ready to bill	Time	144-20-01-144-20-01-0	3/26/2024	270	1	52	Lunch w/ appraiser to discuss methodology.	
Kraft, James J.	Ready to bill	Time	144-20-01-144-20-01-0	3/22/2024	0	4.5	0	worked under Chris to finalize details in CAD basemap and create plots of parcels affected by new	
Kraft, James J.	Ready to bill	Time	144-20-01-144-20-01-0	4/12/2024	0	5	0	Finalized items in CAD documents for Chris	
Kraft, James J.	Ready to bill	Time	144-20-01-144-20-01-0	4/19/2024	0	2	0	Finished reviewing Chris' documents in CAD, completed a final check on area and dates	
Kraft, James J.	Ready to bill	Time	144-20-01-144-20-01-0	4/26/2024	0	3	0	Redlining plots for chris	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-01-0	12/2/2022	160	4	640	Bridge scour	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-01-0	12/6/2022	160	2	320	NDOT Scour	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-01-0	12/7/2022	160	2	320	NDOT Scour	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-01-0	12/9/2022	160	4	640	NDOT Scour	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-01-0	12/10/2022	160	3	480	NDOT Scour	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-01-0	12/14/2022	160	4	640	NDOT scour memo	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-02-1	1/16/2023	170	2.5	425	RFI submittal	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-02-1	1/17/2023	170	5.5	935	RFI submittal	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-01-0	5/8/2024	180	1	180	model approach and impacts assessment	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-01-0	5/9/2024	180	5	900	model approach and impacts assessment	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-01-0	5/10/2024	180	3	540	model approach and impacts assessment	
Kelley, Connor J.	Ready to bill	Time	144-20-01-144-20-01-0	5/31/2024	180	1	180	meeting on easements	
Kaufman, Janel L.	Ready to bill	Time	144-20-01-144-20-03-1	5/10/2023	202	0.5	101	review of RFI 3	
Kaufman, Janel L.	Ready to bill	Time	144-20-01-144-20-01-0	11/9/2023	202	0.5	101	fee	
Kaufman, Janel L.	Ready to bill	Time	144-20-01-144-20-01-0	11/9/2023	202	1	202	fee	
Kaufman, Janel L.	Ready to bill	Time	144-20-01-144-20-01-0	11/13/2023	202	1	202	fee/assumptions	
Kaufman, Janel L.	Ready to bill	Time	144-20-01-144-20-01-0	2/7/2024	214	2	428	review of info provided by client/nema	
Kaufman, Janel L.	Ready to bill	Time	144-20-01-144-20-01-0	2/8/2024	214	2	428	review of info provided by client/nema, fee	
Kaufman, Janel L.	Ready to bill	Time	144-20-01-144-20-03-1	6/18/2024	214	3	642	404 permit application	
Kaufman, Janel L.	Ready to bill	Time	144-20-01-144-20-03-1	6/24/2024	214	2.5	535	404 permit submittal	
Huscroft, Jered J.	Ready to bill	Time	144-20-01-144-20-01-0	3/14/2024	90	1	90	Easement sheets	

Huscroft, Jered J.	Ready to bill	Time	144-20-01-144-20-01-0	3/15/2024	90	4.5	405	Easement sheets	
Huscroft, Jered J.	Ready to bill	Time	144-20-01-144-20-01-0	3/18/2024	90	6.25	562.5	Easement sheets	
Huscroft, Jered J.	Ready to bill	Time	144-20-01-144-20-01-0	3/26/2024	90	0.75	67.5	Easement sheets	
Gregalunas, Rober	Ready to bill	Time	144-20-01-144-20-01-1	12/8/2022	220	0.25	55	update chat with CK,CF/email	
Gregalunas, Rober	Ready to bill	Time	144-20-01-144-20-01-1	1/17/2023	234	1.25	292.5	econ certification writeup/seal	
Gregalunas, Rober	Ready to bill	Time	144-20-01-144-20-01-0	5/9/2024	248	0.75	186	conf call with JEO	
Gregalunas, Rober	Ready to bill	Time	144-20-01-144-20-01-0	7/8/2024	248	0.75	186	email, chat with CF on RR/pivot issues	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	11/29/2022	135	2	270	WIP analysis	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-03-1	5/15/2023	143	1.75	250.25	Title search for easements	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-03-1	5/17/2023	143	0.25	35.75	Emailing Dodge County Deeds	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-03-1	5/26/2023	143	0.75	107.25	Easement search w/ registrar of deeds	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	3/13/2024	152	7	1064	Plan updates for land rights	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	3/14/2024	152	8.25	1254	Easements	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	3/15/2024	152	6.5	988	easements	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	3/15/2024	152	0.5	76	easements	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	3/19/2024	152	8	1216	Depth/Area analysis	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	3/20/2024	152	8.25	1254	Depth Area analysis	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	3/21/2024	152	2.5	380	eASEMENTS	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	3/22/2024	152	1.75	266	Landrights maps and helping Jude	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	3/25/2024	152	6	912	Landrights maps and figures for mike	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	3/26/2024	152	5	760	Damage area per parcel combined for mike	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	3/29/2024	152	0.5	76	Updates	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	4/8/2024	152	4	608	easement figures	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	4/9/2024	152	7.75	1178	Property conflict tables for easements; cad sheets	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	4/10/2024	152	5.25	798	Meeting with Mike to discuss easements, Updates to easement areas to include west side of ditch.	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	4/11/2024	152	6	912	easment map updates, updates to easement areas spreadsheet, updates to memo, email to mike	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	6/3/2024	152	0.75	114	Landright documents to mike	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	6/4/2024	152	0.75	114	Meeting minutes to Mike	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	6/20/2024	152	2.75	418	Call with Mike RE easements meeting, Easement meeting in Fremont	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	6/21/2024	152	5.25	798	Meeting followup with Mike, minutes to mike, easment map updates per owner request, plots	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	6/24/2024	152	1	152	Easement meeting	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	6/25/2024	152	0.5	76	Sending files for legal review	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	6/28/2024	152	3.5	532	Map updates	
Furman, Christoph	Ready to bill	Time	144-20-01-144-20-01-0	7/8/2024	152	3.75	570	Communications with Mike RE easement hardcopies, Kracl conflict, UPRR coord.	

216.00 \$35,379.75

SAUNDERS COUNTY PLANNING & ZONING

APPLICATION FOR A CONDITIONAL PERMIT

Permit # 99160

Date _____

Pursuant to Section VIII of the Saunders County Zoning Regulations, application is hereby made for the following proposed use: To construct 3 FLOOD REDUCTION DAMS as the first phase in the NRD's WAHOO CREEK FLOOD REDUCTION PROJECT. The NRD will operate; MAINTAIN the structures, but all property will remain private.

Section 13:15 Township 15N Range 5E Lot _____

Lot Size _____ Zoning District AG

Estimated Cost of Construction \$3,000,000

There is hereby deposited with the office of the Planning & Zoning Administrator the sum of \$300.00, which I understand is a non-refundable fee. The permit is non-transferable.

I respectfully request the Saunders County Planning Commission and the Saunders County Board of Supervisors to hold a hearing on this matter after giving proper notice of time, place, and purpose of said hearing as provided by law.

The applicant must be present at both the Planning Commission and County Board meetings.

ERIC GOITSCHALK - LPNNRD
Printed Name of Applicant

402-443-4675
Phone Number & Email Address

[Signature]
Signature of Applicant

Po Box 126, WAHOO, NE, 68060
Mailing Address

N/A (NRD PURCHASED EASEMENTS)
Signature of Property Owner

City, State, Zip

Reviewed by: [Signature]
Planning & Zoning Office

Saunders County Board of Supervisors:

We, the Saunders County Planning Commission recommend the foregoing application be approved () disapproved (show reason on back)

Dated this 1st day of July, 20 24

[Signature]
Chairperson, Saunders County Planning Commission

Be it resolved by the Saunders County Board of Supervisors that the foregoing application be approved () disapproved (show reason on back)

Dated this 9th day of July, 20 24

[Signature]
Chairperson, Saunders County Board of Supervisors

ATTEST: [Signature]
Saunders County Clerk



Dated this 9th day of July, 20 24

Floodplain Development Permit Application

FOR OFFICIAL USE ONLY			
Permit No.:		Date Filed:	
Fee:		Receipt No.:	
Approved?	Y N	Date Decided:	
Notes:			

OWNER	STRUCTURE	APPLICANT If different than owner.
Owner Name: Lower Plate North NRD Address: PO Box 126 City, State, Zip: WAHOO, NE, 68066 Phone: 402-443-4675 Email:	Structure Address: SITE 27 City, State, Zip: Parcel No: Legal Description (T-R-S): NE 4 SEC 13-15N-8E	Applicant Name: Address: City, State, Zip: Phone: Email: License No:

PROJECT INFORMATION			
Project Type: <i>Check all that apply</i>	<input type="checkbox"/> Residential <input checked="" type="checkbox"/> New Construction - Detached <input checked="" type="checkbox"/> Grading / Fill / Excavation <input type="checkbox"/> Other:	<input type="checkbox"/> Commercial / Non-Residential <input type="checkbox"/> New Construction - Attached <input type="checkbox"/> Mobile Home	<input type="checkbox"/> Fences / Walls <input type="checkbox"/> Remodel / Rehab
Description of proposed Work: Construction of earthen embankment to store water and reduce flood damages within local watershed			
Cost of Improvements for this project: <i>Attach an itemized cost estimate; See FEMA's "Included and Excluded Costs for Damage Repair Estimates".</i>			(a) \$ 1.2 million
Appraised Valuation of the Structure: <i>Attach assessment documents.</i>			(b)
Calculate the following: (a) ÷ (b) x 100 = (c)			(c) %
Is the project a substantial improvement? <i>If (c) value is greater than or equal to 50%, then the project constitutes substantial improvement.</i>			Y N

FLOODPLAIN INFORMATION				
FEMA Flood Zone:	A	AE	X (shaded)	Other
Base Flood Elevation:	NGVD(29) / NAVD(88)			
Required Flood Protection Elevation:	NGVD(29) / NAVD(88)			
Is the property within the Floodway?	Y*	N	*If any work is proposed within the Floodway, a no-rise certification must be attached.	

REGULATORY REQUIREMENTS

Structure is:

Check all that apply. If the structure is elevated, attach an Elevation Certificate.

Elevated
Flood Proofed

Vented
N/A

Elevation Certificate:

Elevation Certificate is required for all new structures, additions, and substantial improvements.

Y N

Flood Proofed

Dry (non-residential only)
Wet

Lowest Floor Elevation:

Provide source.

NGVD(29) / NAVD(88)

Lowest HVAC / Equipment Elevation:

NGVD(29) / NAVD(88)

Enclosed Area

Square Feet

Number of Openings*:

Openings

Area of Openings:

**If engineered vents are proposed, construction details and specifications must be attached.*

Square Inches

REQUIRED SUBMITTAL DOCUMENTS

Completed Application
Location Map
Site Plan (include regulatory floodplain / floodway)
Grading Plan
Floor Plans / Construction Specifications
Flood-Proofing Certificate (as necessary)
Flood Vent Specifications (as necessary)

No-Rise Certificate (floodway only)
Pre-Construction Elevation Certificate
(for new structures / additions)
Less than 1' Rise Determination
(for SFHA without floodway)
Other (describe):

NOTE: If grades are not changing as a result of site work, a current topographical map of the site will suffice in lieu of a grading plan. If structures are proposed, the submittal must include foundation design and floor plans. All site plans must detail the location, elevation, and design of mechanical equipment, venting, and flood-proofing. Additional information and materials may be required.

Certification

I CERTIFY THE ABOVE INFORMATION IS CORRECT AND AGREE TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE APPROVED PLAT, PLANS, AND SPECIFICATIONS NOTED HEREIN AND IN STRICT COMPLIANCE WITH ALL PROVISIONS OF APPLICABLE REGULATIONS.



Applicant Signature

ERIC GENTSCHMARK

Print Name

7/8/24

Date

FOR OFFICIAL USE ONLY

Notes:

Floodplain Administrator
Approval Signature:



7/9/24

Date

Floodplain Development Permit Application

FOR OFFICIAL USE ONLY

Permit No.: _____ Date Filed: _____
 Fee: _____ Receipt No.: _____
 Approved? Y N Date Decided: _____

Notes:

OWNER	STRUCTURE	APPLICANT <small>If different than owner.</small>
Owner Name: LOWER PLATE NORTH NRD Address: PO Box 126 City, State, Zip: WAHOO, NE, 68066 Phone: 502-443-4675 Email:	Structure Address: SITE 26 City, State, Zip: Parcel No: Legal Description (T-R-S): NE 4 SEC 15-15N-5E	Applicant Name: Address: City, State, Zip: Phone: Email: License No:

PROJECT INFORMATION

Project Type: Residential Commercial / Non-Residential Fences / Walls
Check all that apply New Construction - Detached New Construction - Attached Remodel / Rehab
 Grading / Fill / Excavation Mobile Home
 Other:

Description of proposed Work:
 Construction of earthen embankments (2 structures) to impound water and reduce flood damages

Cost of Improvements for this project: (a) 2.4 million (est.)
Attach an Itemized cost estimate; See FEMA's "Included and Excluded Costs for Damage Repair Estimates".

Appraised Valuation of the Structure: (b)
Attach assessment documents.

Calculate the following: (a) ÷ (b) x 100 = (c) %

Is the project a substantial improvement? Y N
If (c) value is greater than or equal to 50%, then the project constitutes substantial improvement.

FLOODPLAIN INFORMATION

FEMA Flood Zone:	A	AE	X (shaded)	Other
Base Flood Elevation:				NGVD(29) / NAVD(88)
Required Flood Protection Elevation:				NGVD(29) / NAVD(88)
Is the property within the Floodway?	Y*	N	<small>*If any work is proposed within the Floodway, a no-rise certification must be attached.</small>	

REGULATORY REQUIREMENTS

Structure is:

Check all that apply. If the structure is elevated, attach an Elevation Certificate.

Elevated Vented
 Flood Proofed N/A

Elevation Certificate:

Elevation Certificate is required for all new structures, additions, and substantial improvements.

Y N

Flood Proofed

Dry (non-residential only)
 Wet

Lowest Floor Elevation:

Provide source.

NGVD(29) / NAVD(88)

Lowest HVAC / Equipment Elevation:

NGVD(29) / NAVD(88)

Enclosed Area

Square Feet

Number of Openings*:

Openings

Area of Openings:

**If engineered vents are proposed, construction details and specifications must be attached.*

Square Inches

REQUIRED SUBMITTAL DOCUMENTS

- Completed Application
- Location Map
- Site Plan (include regulatory floodplain / floodway)
- Grading Plan
- Floor Plans / Construction Specifications
- Flood-Proofing Certificate (as necessary)
- Flood Vent Specifications (as necessary)

- No-Rise Certificate (floodway only)
- Pre-Construction Elevation Certificate (for new structures / additions)
- Less than 1' Rise Determination (for SFHA without floodway)
- Other (describe):

NOTE: If grades are not changing as a result of site work, a current topographical map of the site will suffice in lieu of a grading plan. If structures are proposed, the submittal must include foundation design and floor plans. All site plans must detail the location, elevation, and design of mechanical equipment, venting, and flood-proofing. Additional information and materials may be required.

Certification

I CERTIFY THE ABOVE INFORMATION IS CORRECT AND AGREE TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE APPROVED PLAT, PLANS, AND SPECIFICATIONS NOTED HEREIN AND IN STRICT COMPLIANCE WITH ALL PROVISIONS OF APPLICABLE REGULATIONS.


 Applicant Signature

ERIC GOTTSCHALK
 Print Name

7/8/24
 Date

FOR OFFICIAL USE ONLY

Notes:

Floodplain Administrator
 Approval Signature:



7/9/24
 Date

Progress Report for Wahoo Creek Watershed Dams Sites



Lower Platte North NRD

For Work Completed During The Month Of : July, 2024

(through 07/06/24)

Project # 018-3423 Dam Site 26A, 26B, &27 Project Phase	Phase Budget	Billings for Month		Project Total Billings to Date	
		Current Earned/Billings	% Completed This Month	JTD Earned/Billings	% Completed Overall
010 - Project Management/Meetings	\$ 25,709		0.0%	\$ 14,756.92	57.4%
020 - Geotechnical Engineering	\$ 224,493		0.0%	\$ 226,775.48	101.0%
030 - Dam Design	\$ 184,885		0.0%	\$ 199,168.83	107.7%
040 - Permitting	\$ 86,634		0.0%	\$ 60,884.18	70.3%
050 - Survey and Legal Descriptions	\$ 11,142		0.0%	\$ 23,636.47	212.1%
060 - Community/Public Participation	\$ -			\$ -	
070 - Construction Services	\$ 171,962		0.0%	\$ 1,590.75	0.9%
090-Tree Clearing Bidding and Enviro	\$ 11,554		0.0%	\$ 11,642.75	100.8%
100- Additional Easement Documents	\$ 5,085		0.0%	\$ 5,144.49	101.2%
110-Additional 90% Review	\$ 9,930	\$ 7,689.59	77.4%	\$ 9,911.40	99.8%
3 Sites Totals	\$ 731,394	\$ 7,689.59	1.1%	\$ 553,511.27	75.7%

Project # A18-3423 (separate invoice) Sites 55, 66, 77, 84, 85, & 86 Project Phase	Phase Totals	Billings for Month		Project Total Billings to Date	
		Current Earned/Billings	% Completed This Month	JTD Earned/Billings	% Completed Overall
100 - Project Management/Meetings	\$ 78,909	\$ 3,047.73	3.9%	\$ 38,174.07	48.4%
110 - Geotechnical Engineering	\$ 592,047		0.0%	\$ 590,029.76	99.7%
120 - Dam Design	\$ 425,202	\$ 1,123.80	0.3%	\$ 460,824.57	108.4%
130 - Permitting	\$ 244,810		0.0%	\$ 176,641.99	72.2%
140 - Survey and Legal Descriptions	\$ 28,165		0.0%	\$ 33,529.76	119.0%
150 - Community/Public Participation	\$ 30,000		0.0%	\$ 5,899.20	19.7%
160 - Other	\$ -			\$ -	
170- Construction Services	\$ 603,992		0.0%	\$ -	0.0%
180- Site 55 Additional Investigation	\$ 70,923	\$ 342.51	0.5%	\$ 14,393.05	20.3%
190-Easement Documents & Survey	\$ 14,953	\$ 972.00	6.5%	\$ 972.00	6.5%
200- 77 Additional Evaluation	\$ 45,215	\$ 11,745.98	26.0%	\$ 20,349.65	45.0%
210- 90% Review	\$ 19,827	\$ -	0.0%	\$ -	0.0%
220- Depletions Calculations	\$ 10,255	\$ 4,191.91	40.9%	\$ 9,575.19	93.4%
220- Biological Assesment	\$ 24,720	\$ 90.11	0.4%	\$ 2,031.58	8.2%
6 Sites Totals	\$ 2,189,018	\$ 21,514.04	1.0%	\$ 1,352,420.82	61.8%

Billings For Month	\$ 29,203.63
Total Billings To Date	\$ 1,905,932.09
Project Budget	\$ 2,920,412.00
Budget Remaining	\$ 1,014,479.91

% Budget Spent Per Site



Summary Of Work Completed This Month	
Sites 26A, 26B, & 27	Sites 55, 66, 77, 84, 85, & 86
-Design, specs, and reports revisions addressing NeDNR comments	-Posters created for Sites 55, 66, 77, 84, 85, & 86 w/ higher-quality aerials -Coordination of additional survey; Site 77 section corners complete (until crops out) -Ongoing work with design on Site 77 (nearly complete) -Ongoing depletions calcs work and coordination with NRCS -Project management

Planned Work For Next Month	
Site 26A, 26B, & 27	Sites 55, 66, 77, 82, 84, 85, & 86
-Official permit expected for 26b from NeDNR (verbal confirmation already received) -Bidding documents	-Final internal design review on Site 77 -Ongoing work on depletions calculations and permit(s) -Geotechnical design calculations for Sites 77 and 55, others as needed -Continue searching for section corners for remaining five sites

For questions regarding billings, please contact Andrew Phillips at (402) 440-8807 or aphillips@olsson.com

Total this Phase \$342.51

Phase 190 Additional Easement Documents

Labor

	Hours	Amount	
CAD Operator	9.00	631.62	
Survey	2.25	340.38	
Totals	11.25	972.00	
Total Labor			972.00

Total this Phase \$972.00

Phase 200 77 Additional Evaluation

Labor

	Hours	Amount	
Assistant Professional	5.75	623.82	
Designer	41.75	5,332.31	
CAD Operator	82.50	5,789.85	
Totals	130.00	11,745.98	
Total Labor			11,745.98

Total this Phase \$11,745.98

Phase 220 Depletions Cals and BA

Labor

	Hours	Amount	
Project Manager	23.75	4,191.88	
Project Professional	.75	90.11	
Totals	24.50	4,281.99	
Total Labor			4,281.99

Total this Phase \$4,281.99

AMOUNT DUE THIS INVOICE \$21,514.01

Authorized By: Carrie Wiese

Invoice



601 P St Suite 200
PO Box 84608
Lincoln, NE 68501-4608
Tel 402.474.6311, Fax 402.474.5063

July 25, 2024
Invoice No: 505853

Ryan Chapman
Lower Platte North NRD
PO Box 126
Wahoo, NE 68066-0126

Invoice Total \$7,689.59

Olsson Project # 018-34230 Lower Platte North NRD Wahoo Creek Watershed & 3 Dam Sites
Professional services rendered June 9, 2023 through July 6, 2024 for work completed in accordance with agreement.

Phase	110	Additional 90% Review	
Labor			
		Hours	Amount
Project Professional		23.00	3,530.73
Assistant Professional		22.00	2,343.79
CAD Operator		26.50	1,796.17
Administrative/Clerical		.25	18.90
Totals		71.75	7,689.59
Total Labor			7,689.59
		Total this Phase	\$7,689.59

Billing Limits	Current	Prior	To-Date
Total Billings	7,689.59	545,821.68	553,511.27
Limit			729,053.79
Balance Remaining			175,542.52
	AMOUNT DUE THIS INVOICE		\$7,689.59

Email invoice to: rchapman@lpnnrd.org

Authorized By: Carrie Wiese

Invoice



601 P St Suite 200
PO Box 84608
Lincoln, NE 68501-4608
Tel 402.474.6311, Fax 402.474.5063

July 10, 2024
Invoice No: 502897

Ryan Chapman
Lower Platte North NRD
PO Box 126
Wahoo, NE 68066-0126

Invoice Total \$5,558.23

Olsson Project # 023-00443 LPNNRD Wahoo Creek Watershed Flood Reduction Project Real Estate Services
Professional services rendered through July 6, 2024 for work completed in accordance with our Agreement dated February 17, 2023.

Phase 100 Real Estate Acquisitions

Labor

	Hours	Amount	
Principal	22.00	5,220.82	
CAD Operator	2.00	135.74	
Administrative/Clerical	.75	51.67	
Totals	24.75	5,408.23	
Total Labor			5,408.23

Reimbursable Expenses

Personal Vehicle Mileage		147.40	
Total Reimbursables		147.40	147.40

Unit Billing

Line Drawing-Bond		2.60	
Total Units		2.60	2.60

Total this Phase \$5,558.23

Billing Limits

	Current	Prior	To-Date
Total Billings	5,558.23	65,538.27	71,096.50
Limit			210,000.00
Balance Remaining			138,903.50

AMOUNT DUE THIS INVOICE \$5,558.23

Outstanding Invoices

Number	Date	Balance
502555	6/27/2024	12,276.19
Total		12,276.19

Billings to Date

	Current	Prior	Total
Labor	5,408.23	53,604.59	59,012.82
Expense	147.40	11,933.68	12,081.08
Internal Unit	2.60	0.00	2.60
Totals	5,558.23	65,538.27	71,096.50

Email invoices to: rchapman@lpnrd.org; selliott@lpnrd.org and CC: jbreunig@lpnrd.org

Authorized By: Danielle Allen

April 16, 2024

Central Cut-Off Ditch

Larry & Justin,

Here is estimate for repairing the Central Cut-Off Ditch. We would be trucking in fat clay from the Lyman-Richey site in Fremont. We would push it over the edge of the slope and compact with the excavator bucket and dozer tracks if not too steep.

Based on our survey there is about 4,650 CY of fill needed. If you round that up to 5,000 CY at \$12/CY you would be spending \$60,000.

Bid does not include: Testing, permits, erosion control, seeding or bond.

Sincerely,



Matt Pruss
Vice President

CUTOFF DITCH

Legend



CUTOFF DITCH

Legend

14

3

Old Lincoln Hwy

Old Lincoln Hwy

Old Lincoln Hwy

Old U.S. 30

Old Lincoln Hwy

Old Lincoln Hwy

Google Earth

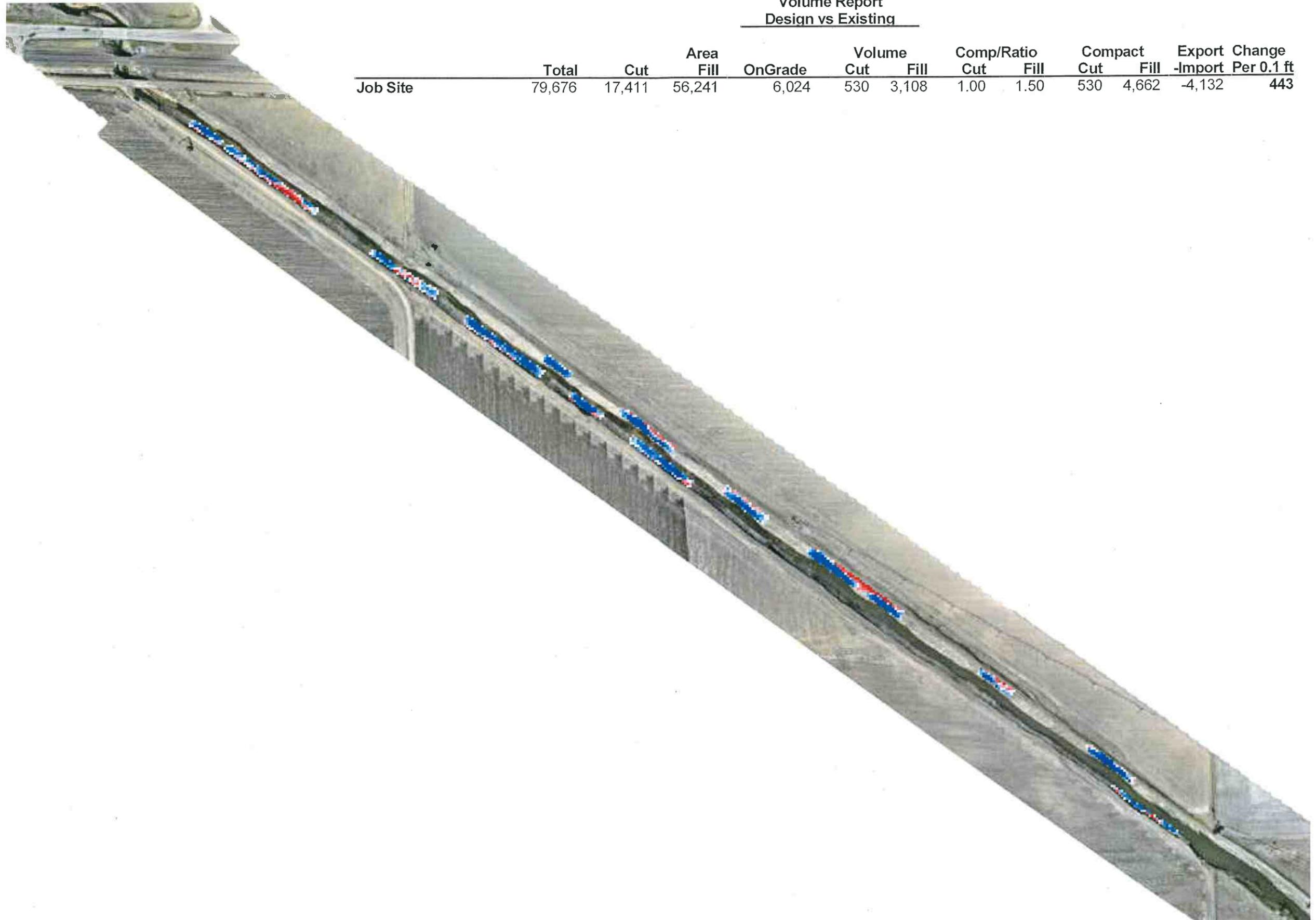
Image © 2024 Airbus



1000 ft

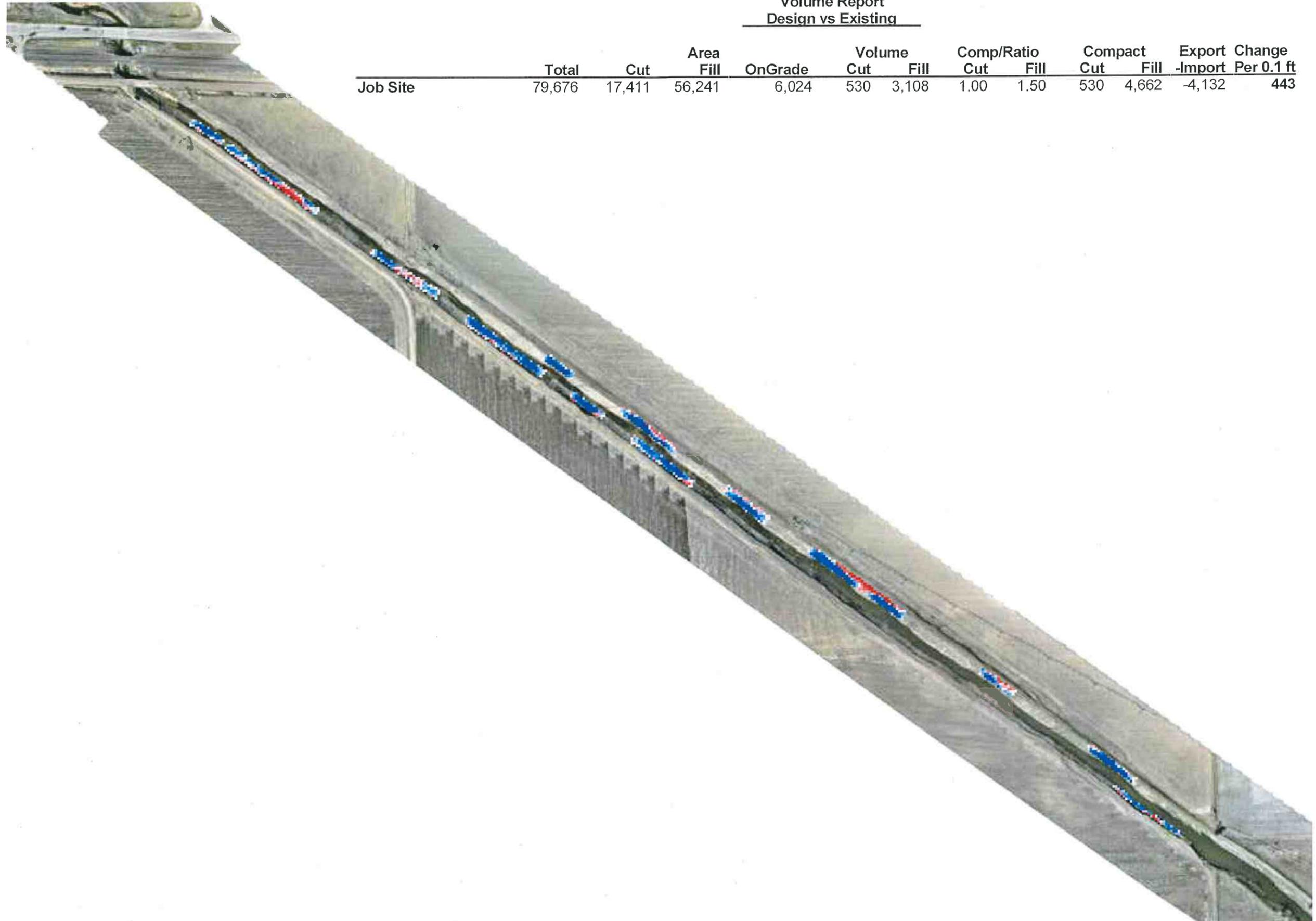
Volume Report
Design vs Existing

	Total	Cut	Area Fill	OnGrade	Volume		Comp/Ratio		Compact		Export Change	
					Cut	Fill	Cut	Fill	Cut	Fill	-Import	Per 0.1 ft
Job Site	79,676	17,411	56,241	6,024	530	3,108	1.00	1.50	530	4,662	-4,132	443



Volume Report
Design vs Existing

	Total	Cut	Area Fill	OnGrade	Volume		Comp/Ratio		Compact		Export -Import	Change Per 0.1 ft
					Cut	Fill	Cut	Fill	Cut	Fill		
Job Site	79,676	17,411	56,241	6,024	530	3,108	1.00	1.50	530	4,662	-4,132	443





Invoice

July 17, 2024

Project No: R220954.00

Invoice No: 152524

Invoice Amount: 15,138.50

Eric Gottschalk
Lower Platte North NRD
Commercial Park Road
PO Box 126
Wahoo, NE 68066

Project Manager Rebecca Appleford

Project R220954.00 Lower Platte North NRD HMP 2025 Update

Professional Services through July 12, 2024

	Contract Amount	Percent Complete	Billed-to-Date	Previous Billing	Current Billing
Lump Sum Phase(s)					
Project Management	\$16,500.00	68%	\$11,220.00	\$9,570.00	\$1,650.00
Public Involvement and Stakeholder Participation	\$34,700.00	47%	\$16,309.00	\$8,675.00	\$7,634.00
Data Collection and GIS Mapping	\$16,550.00	77%	\$12,743.50	\$8,771.50	\$3,972.00
Develop Hazard Mitigation Plan	\$65,750.00	11%	\$7,232.50	\$6,575.00	\$657.50
HMP Adoption, Submission, and Approval	\$4,000.00	0%	0.00	0.00	0.00
Threat and Hazard Identification and Risk Assessment	\$17,500.00	27%	\$4,725.00	\$3,500.00	\$1,225.00
Total	\$155,000.00		\$52,230.00	\$37,091.50	\$15,138.50
Total Amount Due Upon Receipt :					\$15,138.50

Email Invoice: rchapman@lpnrd.org; jbreunig@lpnrd.org

Progress Report

LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT HAZARD MITIGATION PLAN UPDATE

July 17, 2024

JEO Project Number: 220954.00
Project Contact: Becky Appleford, 217-741-0117
Professional Services through July 12, 2024

Below is a progress report for the above referenced project:

1. Overall project and budget status:

Project Completion: 33%

Budget Expended: 33%

2. Project activities during current period (thru July 12, 2024)

- a. Facilitated three Round 1 Meetings:
 - i. Wahoo – Monday, June 17 at 2:00pm (hybrid)
 - ii. David City – Thursday, June 20 at 6:30pm (hybrid)
 - iii. Virtual only – Wednesday, June 26 at 10:00am
- b. Scanned and saved returned meeting worksheets
- c. Followed up with missing jurisdictions to complete worksheets
- d. Updated project webpage with meeting recording and information
- e. Began incorporating completed worksheets into HMP
- f. Developed THIRA pre-workshop survey
- g. Continued THIRA workshop development
- h. Attended Water Committee and Board meeting to support drought scope amendment

3. Planned project activities for next period (thru August 16, 2024)

- a. Continue incorporating completed worksheets into HMP
- b. Update community lifelines and maps
- c. Analyze collected hazard data for vulnerabilities and probabilities
- d. Begin drafting sections 3 and 4 of HMP
- e. Send meeting invite for THIRA workshop
- f. Complete THIRA workshop materials
- g. Schedule drought plan kickoff meeting

4. Information needed from NRD or key stakeholders

- a. Worksheets due July 26th from jurisdictions

5. Project Schedule and Next Meeting(s)

- a. THIRA Workshop: Monday, August 12, David City

6. Other Notes

- a. None

