

Projects Committee Meeting
Thursday, May 28, 2026 7:30 AM
Lower Platte North NRD Office
1616 County Road 17
Wahoo, NE 68066

1. UNFINISHED BUSINESS

2. SWCP

2.A. SWCP Application Approvals

2.B. SWCP Payments

Certified cover crop payments are listed below for approval:

P- 25 -7	GARY TOROZON	\$	3,176.80	COVER CROP
S- 25 -8	MARK KASPAR	\$	5,086.40	COVER CROP
S- 25 -6	FRANK PLESKAC	\$	2,092.90	COVER CROP
S- 25 -				
10	GERALD OSMERA	\$	2,604.42	COVER CROP
S- 25 -				
11	KYLE OSMERA	\$	2,100.00	COVER CROP
S- 25 -5	MICHAEL SWANSON	\$	1,578.40	COVER CROP
		\$	16,638.92	

2.C. SWCP Cancellations

2.D. Wahoo Creek Cost Share Approvals

3. JOINT WATER MANAGEMENT ADVISORY BOARD (JWMAB)

Director Hanson organized a meeting on May 18 with Fremont and Dodge County to discuss the status of projects and gauge interest in continuing any of the projects.

Rawhide: City will have some internal conversations regarding their priority for this project moving forward. If they feel this is a priority they will reach out to Fremont area Directors.

Platte Township: The City will likely submit a grant application for this project. The

City requested a letter of support from both the County and NRD. Find a draft letter attached for consideration.

Elkhorn Township/East Fremont: The City is working on pathways forward for the two detention cells in the south-east portion of Fremont and working with UPRR regarding the culvert that crosses their property along 1st Street. Staff do not foresee a financial request for this coming fiscal year.

4. SHELL CREEK WATERSHED

4.A. Shell Creek Implementation - 319 & NET

Bids are due on the Christ Lutheran project on May 28th, at 10:00am. Mainelli Wagner will send us the bids and bid tab to provide direction before Platte County plans to award a bid at their June 2nd Meeting. Documents will be sent to SCWIG members asking for feedback before the June 2nd meeting. Please inform staff if you would like to be included. Construction is anticipated to begin with tree removal on November 1st and ending in the spring of 2027 with planting the rain garden. Attached are bid specs and final plans.

5. WAHOO CREEK WATERSHED

5.A. Construction Update

Highlights from this month's construction update on Wahoo Creek sites 26A&B, 27:

- Shanahan installed 3" clean aggregate and Class B riprap on the face of 26A. They also continued with placement of fill and topsoil on 26A and plan on being able to reach top of dam elevation the week of 6/1.
- TCI finished foundation drains on 26A. TCI installed the 18" RCP low stage inlet pipe (26A) and began working on concrete trash rack for inlet.
- TCI installed the first and second sections of riser on 26B. TCI installed the line gate in the riser of 26B

Work planned for the following month:

- TCI will backfill around riser structure and install 12" drawdown port pipe and collar on 26B.
- TCI will finish concrete trash rack for inlet of 26A.
- Shanahan will finish foundation drains on 26B and place embankment fill on 26A & B.

TCI invoice attached.

Olsson invoice and progress report attached.

5.B. Dam Site Planning Update

5.B.1. Design - Olsson

Olsson has received required permits from DWEE for site 55. Site 84 will be submitted the end of May to the first week of June with site 77 to follow. Olsson expects an expeditious turnaround on both as we have been moving quickly on WCW sites and site 77 went through a Federal review. Olsson incorporated letters from FWS and NE G&P to our Biological Assessment for the 404 permit. They will submit the permit application to ACOE the first week of June and they expect our permit to be issued in early to mid summer.

The NRD plans to go to bid for the next sites (77, 84, 55) late this summer. We discussed with Olsson options for proceeding with potential funding constraints. The plan is to have wording in the Request for Bids that will allow the NRD to choose the best option, which would lead to the potential contract scenarios:

- Constructing all 3 sites.
- Constructing only 77.
- Constructing 84 & 55.

Invoice and progress report attached.

5.B.2. Real Estate - Olsson & Great Plains Appraisal
Acquisition updates for sites 66 & 86.

Invoice attached

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

5.C. Water Quality - NWQI & 319

- Jake is finishing up training for Level 1 Conservation Planner to secure job authority with the NRCS.
- Public Outreach has been sent out via mailings, social media, and from coop reps.
- Water Quality sampling within WHPAs will begin this summer in the NWQI area.

6. LOWER PLATTE RIVER CORRIDOR ALLIANCE

NDOT recently held several stakeholder and public meetings as they begin planning the Highway 92 four lane between Mead and Omaha. Feedback included requests to design with the ability to add trails in the future. This will be a discussion item over the next few years as planning progresses.

7. MORSE BLUFF FLOOD REDUCTION

Mainelli Wagner completed additional survey the week of May 18th. They are coordinating with DWEE to get the correct hydraulic model to start with as a base point. This is a more complex job because the no rise is controlled by an ice condition. Once they have all of the hec ras files required, they will begin hydraulic modeling.

8. EROSION AND SEDIMENT RULES AND REGULATIONS

9. HAZARD MITIGATION PLAN UPDATE

As of 5/26/2026, we (NEMA, JEO) are missing 15 adoption resolutions from entities that have participated in the past. If you have any contacts with these entities, please remind them.

- Butler County
- Skull Creek Township
- Reading Township
- Village of Bruno
- Village of Garrison
- Village of Surprise

- Village of Inglewood
- Village of Cedar Bluffs
- Village of Colon
- North Bend Drainage District
- North Bend Volunteer Fire Department
- Rising City Rural Fire Department
- Schuyler Volunteer Fire Department
- Three Rivers Public Health Department
- Weston Volunteer Fire & Rescue Department

10. OTHER

11. ADJOURNMENT



LOWER PLATTE NORTH Natural Resources District

1616 County Road 17, Wahoo, NE 68066 | Phone 402-443-4675 | www.lpnrd.org

[Date]

City of Fremont
Attn: Joe Warth, Engineering Associate
400 E. Military Avenue, 3rd Floor
Fremont, NE 68025

Re: Letter of Support for BRIC Building Code Plus-Up Funding Application

Dear Mr. Warth:

The Lower Platte North Natural Resources District (LPNNRD) is pleased to provide this letter of support for the City of Fremont's application for FEMA Building Resilient Infrastructure and Communities (BRIC) funding under the Building Code Plus-Up category.

LPNNRD supports the City's efforts to implement a comprehensive flood risk outreach and education program aimed at increasing awareness of flood hazards and supporting strengthened floodplain management standards for public, commercial, and industrial stakeholders. The project represents an important step toward improving long-term community resilience and reducing future flood-related damages.

The City's use of updated flood risk information developed through the Rawhide Creek Watershed Flood Protection Operations Plan and the Platte Township BRIC Project Scoping effort demonstrates a proactive approach to floodplain management. Enhancing public access to flood risk information and developing updated floodplain management policies and standards will provide meaningful benefits to residents, businesses, and infrastructure throughout the Fremont area.

LPNNRD recognizes the impacts of the 2019 flooding event and subsequent ice jam flooding in the region and supports efforts that improve preparedness, mitigation planning, and future resilience. The proposed project will also help position the City of Fremont for future improvements to its Community Rating System (CRS) classification.

LPNNRD appreciates the City of Fremont's leadership in advancing flood mitigation initiatives and strongly supports this funding request.

Sincerely,

[Name]

[Title]

Lower Platte North Natural Resources District



www.mwaeng.com

Mainelli Wagner & Associates, Inc.

6920 Van Dorn Street, Lincoln, NE 68506 Phone: (402) 421-1717 Fax: (402) 421-6061

May 15, 2026

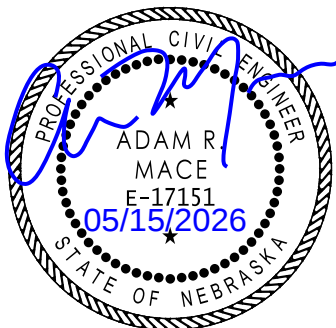
The Platte County Board of Supervisors will be receiving sealed bids for the project enclosed. Sealed bids will be received by the Platte County Clerk's office until 10:00 a.m. on May 28th, 2026, and will be opened shortly thereafter. The Bids will be presented to the Board of Supervisors for consideration at the regularly scheduled board meeting on June 2nd, 2026.

If you have any questions regarding this project or the enclosed information, please contact Mainelli Wagner & Associates, Inc. prior to the Bid Letting.

Adam Mace, P.E.
Mainelli Wagner & Associates, Inc.
6920 Van Dorn Street
Lincoln, NE 68506
Phone: 402-421-1717

Mainelli Wagner & Associates, Inc.

Adam Mace, P.E.



BID DOCUMENTS AND SPECIFICATIONS

**C-71(903), Christ Lutheran Bank Stabilization
Section 11-T18N-R1E
Bank Stabilization and Grading**

Platte County, Nebraska

NOTICE TO BIDDERS

Sealed bids will be received at the office of the Platte County Clerk until May 28th, 2026, at 10:00 a.m., and will be opened shortly thereafter, for the construction of a channel bank stabilization and riprap project. The bids will be presented to the Board of Supervisors on June 2nd, 2026, at their regularly scheduled meeting. The project is located along Loeske Creek, south of 325 Street between 122 Avenue and 115 Avenue in Platte County, Nebraska.

The project is referred to as “C-71(903), Christ Lutheran Bank Stabilization” and shall include all labor, materials, transportation, and equipment required to channel shape one area of the Loeske Creek bank, placement of rock riprap, grading for a rain garden, and related incidental work.

Copies of the Bid Documents and Specifications are open to public inspection at the office of the Platte County Highway Department, 2610 14th St., Columbus, NE 68601. A digital set of bid documents may be obtained from Mainelli Wagner & Associates, Inc. for a non-refundable fee of \$40.00. An optional half-sized paper set of the bid documents is available for a nonrefundable fee of \$75.00 (6920 Van Dorn Street, Lincoln, Nebraska 68506; PH: 402-421-1717). All Bid Proposals must be submitted on the forms furnished with the Bid Documents.

The sealed bids may be mailed or delivered to the Platte County Clerk, 2610 14th St., Columbus, NE 68601, and should be plainly marked as “Construction Bid Proposal – C-71(903), Christ Lutheran Bank Stabilization”.

Along with its Bid Proposal, each bidder shall submit an unconditional Bid Bond or Certified Check made payable to the County Treasurer of Platte County, Nebraska, in an amount equal to five (5) percent of the Bid Proposal. Also, each bidder is to include an estimated completion date with its Bid Proposal. The desired completion date is December 31, 2026. The Contractor will not be allowed to remove any trees between April 1st and October 31st. The successful bidder (i.e., Contractor) will be allowed forty-five (45) calendar days for completion, after beginning work at the site. The completion for each site will be the earlier of the date indicated in the bid proposal, the actual start date plus the allotted calendar days, or the required completion date for that site. Additional days due to weather may be granted at the discretion of the Engineer.

Within ten (10) days following the award of the Contract, the successful bidder shall furnish a surety bond or bonds in an amount equal to or greater than the full amount of the contract. The surety and form of the bonds are subject to acceptance by the Platte County Board of Supervisors.

The Platte County Board of Supervisors reserves the right to reject any and all bids or to waive any irregularities in bids received. Award of the Contract will be in accordance with the County Purchasing Act’s competitive bidding considerations as set forth in Neb.Rev.Stat. §§ 23-3110 to 23-3114. Platte County is an Equal Opportunity Employer.

Platte County Clerk

GENERAL CONDITIONS

A. DEFINITIONS

- 1) “Contract Documents” – Include: (1) drawings for the project; (2) specifications for the project; (3) “Standard Specifications for Highway Construction, Nebraska Department of Transportation, 2017 Edition,” and all subsequent amendments (hereinafter “Standard Specifications”); and (4) any addenda to the drawings or specifications.
- 2) “Owner” – Platte County, Nebraska.
- 3) “Contractor” – the successful bidder that is chosen to complete the Work.
- 4) “Engineer” – Mainelli Wagner & Associates, Inc.
- 5) “Work” – the construction and services required by the Contract Documents, which include all labor, equipment, tools, transportation, services, etc., provided by the Contractor to fulfill the Contractor’s obligations.
- 6) In Section 107.05 of the Standard Specifications, all references to the State of Nebraska, Department of Transportation (NDOT) shall be taken as the Owner and Mainelli Wagner & Associates, Inc.

B. CONTRACT DOCUMENTS, STANDARD SPECIFICATIONS, & STANDARD PLANS

All work will be according to the Contract Documents, including the Standard Specifications and any Standard Plans. The Contractor is required to obtain the Standard Specifications and any Standard Plans on its own. Such can be obtained from the Nebraska Department of Transportation.

C. HIERARCHY & INTENT OF CONTRACT DOCUMENTS

The Contract Documents are complementary, and what is indicated in any one document shall be treated as if it is called for in all. The hierarchy of documents shall be as set forth in the Standard Specifications. Terms used in the Contract Documents shall be given their established technical or trade meanings, unless otherwise stated.

D. CHANGES IN WORK

Unless a change is required for the protection of life or property, all changes must be pursuant to a written order from the Owner, signed by both the Owner and the Engineer.

E. AWARD OF CONTRACT

The Owner reserves the right to reject any and all bids or to waive any irregularities in bids. The Owner also reserves the right to adjust any quantities and/or remove items from the Contract with no penalty to the Owner.

The Owner reserves the right to give consideration to the proposed project site beginning and completion dates submitted by the Bidder, as well as the criteria set forth in the Nebraska County Purchasing Act, in awarding the contract.

F. PAYMENT APPLICATIONS & FINAL PAYMENT

The Contractor shall submit applications for payment to the Engineer for all work completed and in place at the time of application. Payment applications are to be submitted on the American Institute of Architects' Document G702 (AIA G702).

A 10% retainer will be withheld from all payments until work on the project is 50% complete and has been accepted by the Owner. A retainer of 5% will be withheld from all subsequent payments until the project is complete and accepted by the Owner. Final payment will be made after the Owner accepts the site, and the Contractor certifies that all payments for labor and materials have been made.

G. SALES TAX EXEMPTIONS

Pursuant to the "Nebraska Revenue Act of 1967," and amendments thereto, which impose a "Sales and Use Tax," the following information to obtain tax exemption on purchased materials is provided for use in submitting proposals.

Each Contractor awarded a contract for Nebraska public highway work will be issued a "Purchasing Agent Appointment" signed by the County Clerk and an "Exempt Sale Certificate." The "Exempt Sale Certificate" should be reproduced, completed, and furnished to vendors by the Contractor or Sub-Contractor when making purchases as a purchasing agent of the County.

The "Exempt Sale Certificate" is to be used by the Contractor (or Sub-Contractor) when purchasing tangible personal property to be actually incorporated into the completed project. It does not apply to either of the following:

- 1) The purchase of materials to be used or consumed but not incorporated into the contract work, including but not limited to, form lumber, scaffolding, etc., or
- 2) The purchase or rental of machines, equipment, or tools owned or leased by the Contractor and used in performing the contract work.

All construction equipment located in Nebraska on the 1st day of January is subject to Nebraska property taxes for that year. Contractors shall notify the appropriate county officials to ensure that the equipment is assessed.

H. ENGINEER

The Engineer shall have general supervision and direction of the work and will decide any questions that arise with reference to the intent of the Contract Documents and compliance therewith. The Engineer is the agent of the Owner only to the extent provided in the Contract Documents or when specifically authorized to act on the Owner's behalf. When so authorized by the Owner to act on its behalf, the Engineer shall provide written proof of such authority at the Contractor's request.

The presence of the Engineer, its employees, or Sub-Consultants at the construction site will not relieve the Contractor or any of its Sub-Contractors, from any of its obligations, duties, or responsibilities, including, but not limited to: construction means or methods to successfully perform the work; supervision or coordination of the work in accordance with the Contract Documents; or any health or safety precautions required by any regulatory agency, industry standards, or common sense. The Engineer or its agents have no authority to exercise any control over the Contractor, its agents, or Sub-Contractors with regard to any health or safety precautions. The Contractor is responsible for all job site safety.

The Contract Documents indicate the location of the project centerline, established project stationing, and elevation benchmarks for proper accomplishment of the Work. The Engineer will establish with stakes: channel shaping limits, proposed elevation, and centerline station of structures, slope stakes, and ROW limits. Any additional staking or re-staking will be done at the Contractor's expense.

The Contractor shall provide timely notice (minimum of 48 hours) of any anticipated work on the following items of work:

- A. Initial Mobilization to the Site
- B. All Grading Operations
- C. Placement of Rock Riprap and Riprap Filter Fabric
- D. Any Culvert Placement
- E. Any Seeding Operations
- F. Site Cleanup

No work shall be done on any of the above items without giving the requisite notice and without the Engineer's approval of such work.

G. CONTRACTOR OR CONTRACTOR'S SITE REPRESENTATIVE

The Contractor shall at all times have a competent superintendent, capable of reading and understanding the plans and specifications, experienced in the type of work being performed, and having the authority to take such actions as necessary to complete the work in accordance with the Contract Documents and industry standards.

I. USE OF PREMISES

The Contractor shall confine their equipment, materials, and operations to the limits set forth by the right-of-way, any laws, ordinances, permits, or the direction of the Engineer. Furthermore, the Contractor shall maintain the premises in a reasonably clean and safe condition. The Contractor may, at its expense, make any private arrangements for additional space with adjoining landowners.

The Contractor will be liable for any damage to temporary construction easements or permanent access easements.

J. UTILITIES

Utilities shown in the Contract Documents are for information purposes only and may not be accurate or complete. Prior to any excavation at the site and pursuant to state law, the Contractor shall have all utilities located at the project site. Any utilities damaged by the Contractor shall be repaired at the Contractor's expense.

Arrangements for movement and replacement of any utilities, if required, will be the responsibility of the Owner. The Owner will contact the relevant utility companies sufficiently in advance of the Contractor's commencement of working operations at the site to permit relocation, if required. Utility relocation may be concurrent with the project construction.

K. ENVIRONMENTAL PROTECTION MEASURES

Any discharge of dredged or fill material must be free from unsafe amounts of toxic pollutants and must not contain unsuitable material such as trash, debris, or boulders. The Contractor must make accommodations to prevent petroleum products, chemicals, harmful materials, construction debris, and excessive suspended solids from entering waterways. Should discharges create impoundments (i.e., pools) of water, the adverse effects of such impoundments shall be minimized to the maximum extent practicable.

The Contractor must make all reasonable efforts not to restrict or impede the passage of anticipated stream flows, and to avoid or minimize the diversion of water from its natural course. Any temporary fills must be completely removed as soon as practical, and any such area shall be returned to its original elevation and condition.

The Contractor must employ appropriate temporary erosion and siltation control measures. Such shall be maintained in good condition during construction, and all exposed soil and other fills must be permanently stabilized at the earliest practicable date. All such work shall be approved by the Engineer prior to placement and shall be paid for at the established prices for the erosion control items listed.

The Contractor shall understand the terms and conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the stormwater discharges associated with industrial activity from the construction site.

Additionally, the Contractor, as evidenced by their signature on this proposal, agrees and understands that, if awarded the contract on this project, he/she:

- 1) becomes a co-permittee, along with the Owner, to the Nebraska Department of Environmental Quality NPDES General Permit for Storm Water Discharges from construction sites on this project;
- 2) is legally bound to comply with the Clean Water Act to ensure compliance with the terms and conditions of the stormwater pollution prevention plan developed under the NPDES permit and the terms of the NPDES permit;

and

- 3) will hold the Owner harmless for damages or fines arising as a result of noncompliance with the terms of the stormwater permits and authorizations associated with the work on this project.

The Contractor will be required to understand and comply with all Permit Conditions of the U.S. Army Corps of Engineers 404 permit, which will be provided to the Contractor once it is issued. No work will be done within the waterway until a permit has been issued and any listed Special Conditions have been complied with.

The Contractor shall be liable to the Owner for any and all costs incurred by the Owner as a result of the Contractor's actions, inactions, or failure to comply with the NPDES Construction Storm Water General Permit, U.S. Army Corps of Engineers 404 permit, or any other Applicable Permit. The Owner reserves the right to initiate and perform corrective action on any deficiency and assess the costs to perform the Work against the Contractor. It is expressly understood that this provision will not relieve the Contractor of their responsibilities, nor shall it relieve the surety of its obligation for and concerning any claim.

The Contractor will be required to supply plans for any waterway alterations (including dikes, diversion channels, shoofly's, etc.) to the Engineer for submittal to the Corps of Engineers prior to beginning any Work. No Work within the waterway may be done until the Corps of Engineers has approved the Contractor's plan. All plan preparation and revisions will be at the Contractor's expense.

NOTE: SEE APPENDIX A FOR THE CORPS OF ENGINEERS PERMIT FOR THIS SITE.

L. LIABILITY INSURANCE

General reference to "The State of Nebraska, Department of Transportation" in subsection 107.15 will be taken as the Owner and/or their representative.

Section 107.15, Par. 1d. of the Standard Specifications is amended to include the following:

- 1) The Owner and Mainelli Wagner & Associates, Inc. shall be named as “Additional Insured.”
- 2) Contractor agrees to waive the rights of recovery against the Owner and Mainelli Wagner & Associates, Inc. Waiver of subrogation in favor of the Owner and Mainelli Wagner & Associates, Inc. shall be provided.

SPECIAL PROVISIONS

A. PROJECT TIME REQUIREMENTS

The desired completion date is December 31, 2026. The Contractor will not be allowed to remove any trees between April 1st and October 31st. The successful bidder (i.e., Contractor) will be allowed forty-five (45) calendar days for completion, after beginning work at the site. The completion for each site will be the earlier of the date indicated in the bid proposal, the actual start date plus the allotted calendar days, or the required completion date for that site. Additional days due to weather may be granted at the discretion of the Engineer.

If the Contractor fails to complete the project by the date indicated in their bid proposal, liquidated damages in the amount of \$300.00 per day may be assessed for each calendar day that the work remains incomplete and overdue on the project. The amounts charged as liquidated damages are otherwise difficult to calculate, and are considered to be fair and reasonable compensation for the damages and expenses incurred by the Owner as a result of Contractor's failure to complete the work within the stipulated time period. Such damages are not penalties.

The Owner shall have the right to recover said sum from the Contractor, the surety, or from both the Contractor and the surety.

B. COUNTY ROADS & CITY STREETS AS HAUL ROADS

Prior to beginning any work, the Contractor is required to meet with all involved local governmental entities and advise them of any intent to use their local roads as haul roads. The Contractor shall be responsible for resolving claims concerning damage to local roads caused by its operations.

Note: The Contractor will be allowed to use the landowner's existing field entrance for access to the project, as shown on the right-of-way plan sheet. The Contractor will be required to maintain the existing field entrance in good condition during the construction process. Once the project is completed, the Contractor will be required to grade the existing field entrance to the pre-project conditions. The Engineer will approve the final condition of the field entrance. The temporary easements will stay in place for the entire duration of the project, and after project completion until all of the Stormwater Pollution Prevention Plan requirements are met.

C. SITE PREPARATION

The item "Site Preparation" will include, but not be limited to, clearing and grubbing of trees, and stripping of vegetation from fill material. All fill materials shall be stockpiled within the project easements. The Contractor shall limit the tree removal to only what is absolutely necessary.

The Contractor shall protect and indemnify the Owner and its representatives against any claims or liabilities arising from damage to local roads caused by the Contractor's operations.

D. EARTHWORK

Channel excavation shall extend to the limits of the channel construction and will include any tree removal and clearing, and grubbing required for the construction of the channel. Channel excavation will be included in the item "Excavation, Established Quantity".

The limits of channel excavation shall be as shown on the plans. The existing channel and structure will be backfilled with material approved by the Engineer, as shown in the plans. Material required for the channel backfill will be taken from the channel excavation. Any additional material needed for backfilling will be the Contractor's responsibility. The Contractor shall exercise caution so as not to contaminate the suitable material with unsuitable material.

Any borrow sites must be approved by the Engineer. The Contractor shall allow time for the Environmental Resource Agency review of proposed borrow sites. The Owner is not responsible for delays incurred as a result of borrow site approvals. The Contractor must provide evidence of borrow site approval by the appropriate resource agencies. The Engineer shall approve all materials incorporated into the project.

Class III compaction will be required for the project. Due to the potentially large number of types of soil that may be encountered, specific density and moisture requirements are not specified. However, the Contractor will provide 95% of the maximum density as determined by the Standard Proctor Method. The Contractor shall adjust the moisture as necessary to obtain density.

Note: All backfill shall be constructed in a manner to prevent any separation between the existing grade and the proposed embankment. These efforts may require benching prior to incorporating the new fill and are subject to the Engineer's approval.

E. TEMPORARY EROSION CONTROL

The Contractor must employ appropriate temporary erosion and siltation control measures. Such measures shall be maintained in good condition during construction in accordance with applicable permits. Temporary silt fence must be approved by the Owner or the Owner's representative prior to installation and shall be paid for per linear foot of properly installed silt fence. Maintenance of such installed silt fence shall be subsidiary to its installation. No additional payment will be made for maintenance.

F. COVERCROP SEEDING

All disturbed areas outside of the road top shall be seeded with Covercrop seed immediately after grading operations are completed. Covercrop for the borrow site shall be ryegrass.

G. SEEDING, TYPE B

Seeding, fertilizing and mulching of all disturbed areas will be completed by the Contractor after the topsoil has been replaced or as directed by the Engineer. The seed mix per acre is as follows:

Type "B"	Minimum Purity (%)	Application Rate (lb. of Pure Live Seed/Acre)
Perennial Ryegrass – Linn	85	8
Slender Wheatgrass	85	6
Thickspike Wheatgrass – Critana	85	3
Western Wheatgrass – Arriba, Flintlock, Barton	85	5
Kentucky Fescue	85	5
Buffalograss – Bison, Sharp's Improved, Cody, Texoka	80	5
Sideoats Grama – Butte, Pierre	75	4
Oats/Wheat *	90	18

* Wheat in the fall

All seeding, fertilizing, and mulching shall be completed in accordance with the Standard Specifications. Subsection 803.02 in the Standard Specifications is amended to include the following:

All seed shall be of Nebraska origin, adjoining states, or as specified. The contractor shall submit a proposed seeding mix incorporating the mix shown above. If the contractor proposes to use a substitute variety or origin, he must submit a request in writing to the Engineer for approval.

Rates of application of commercial inorganic fertilizer shall be:

	Rate of Application Per Acre (Minimum)
Available Nitrogen (N ₂)	19 or 36 lb.
Available Phosphoric Acid (P ₂ O ₅)	0 lb.

The rate of application of granular sulfur-coated urea fertilizer shall be:

Nitrogen (total available)	0 lb.
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The rate of application of granular urea-formaldehyde fertilizer shall be:

Nitrogen (total available)	0 lb.
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Fertilizing and Mulch shall be considered subsidiary to the item "Seeding, Type B".

**PROPOSAL FOR: C-71(903), CHRIST LUTHERAN BANK
STABILIZATION
PLATTE COUNTY, NEBRASKA**

Board of Supervisors
Platte County Courthouse
Columbus, Nebraska 68601

Platte County Board Members:

_____, (Contractor) after reviewing these Bid Documents and Specifications in full, propose to furnish all labor, materials and all other miscellaneous items required to construct the projects as shown at the following unit prices:

CONSTRUCTION OF CHRIST LUTHERAN BANK STABILIZATION AND GRADING

ITEM NO.	PLAN QUANTITY	ITEM DESCRIPTION	UNITS	UNIT PRICE	AMOUNT
1-1.	1.000	Mobilization	LS	_____	_____
1-2.	1.000	Site Preparation	LS	_____	_____
1-3.	895.000	Rock Riprap, Type B	TON	_____	_____
1-4.	1,013.000	Riprap Filter Fabric	SY	_____	_____
1-5.	43.000	Removal 2" Culvert Pipe, Type 8	LF	_____	_____
1-6.	28.000	2" Culvert Pipe, Type 8	LF	_____	_____
1-7.	50.000	12" Culvert Pipe, Type 7	LF	_____	_____
1-8.	5.000	12" Perforated Culvert Pipe, Type 7	LF	_____	_____
1-9.	68.000	18" Culvert Pipe, Type 7	LF	_____	_____
1-10.	6,518.000	Excavation, Established Quantity	CY	_____	_____
1-11.	520.000	Fabric Silt Fence, Low Porosity	LF	_____	_____
1-12.	1.100	Covercrop Seeding	ACRE	_____	_____

1-13.	1.100	Seeding, Type B	ACRE	_____	_____
1-14.	300.000	Temporary Silt Fence	LF	_____	_____

TOTAL FOR PROJECT: _____

The Contract will be awarded based on the TOTAL FOR PROJECT, in conjunction with the Nebraska County Purchasing Act. The County reserves the right to remove or adjust any pay item.

We understand that this will be a lump sum contract, and the total contract amount will be obtained by multiplying the Plan Quantities by the associated Unit Prices.

If awarded the contract, we will furnish a surety bond and certificates of insurance as indicated in the Contract Documents.

As specified in the Notice to Bidders, we hereby submit this BID BOND CERTIFIED CHECK in the amount of \$ _____ (5% of total bid). This bond will become the property of Platte County if an award is offered within thirty (30) days after the bid opening and we, as the successful bidder, fail to enter into a contract with Platte County.

The Undersigned agrees to correct any failures resulting from faulty work appearing within TWELVE (12) MONTHS after final payment.

Start of Construction Date: _____

End of Construction Date: _____

Respectfully Submitted,

_____ (Signature)

_____ (Printed Name) _____ (Title)

_____ (Company)

_____ (Address)

_____ (Phone) _____ (E-Mail)

CONTRACT

This Contract is made and entered into in triplicate this ____ day of _____, 2026, by and between Platte County, Nebraska, acting through its Board of Supervisors (hereinafter "Owner"), and _____, (hereinafter "Contractor").

The Contractor did submit a proposal for the construction of a bank stabilization and grading project located in Platte County and other incidental work, as set forth in the Contract Documents for the project titled "C-71(903), Christ Lutheran Bank Stabilization" and previously filed with the Platte County Clerk. A copy of the Contractor's proposal is attached hereto and made a part of this Contract. The amount of the Contractor's proposal was \$ _____ and such is the full amount of this Contract, with no additions or deletions, except by written change order as set forth in the Contract Documents. If any change orders are issued, they shall be at the unit prices set forth in the Contractor's proposal or as negotiated with the Owner, and will in no way be construed as a release or waiver from the obligations of this Contract.

In consideration of the following mutual agreements between the parties to this Contract, the Contractor agrees to furnish all Work in accordance with said Contract Documents. The Owner agrees to pay the Contractor in accordance with the provisions of the Contract Documents and the Contractor's proposal.

This Owner awards this Contract to the Contractor subject to the following conditions:

OWNER:

Board of Supervisors
Platte County

(Signature)

(Title)

CONTRACTOR:

(Print Name)

(Signature)

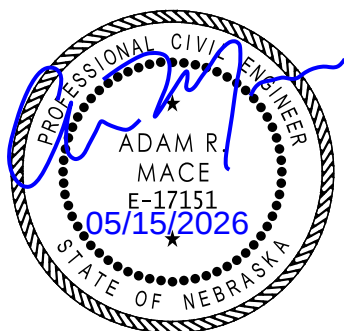
(Title)

IN WITNESS THEREOF, the parties hereto have executed this Contract on this

_____ day of _____, 20____.

Notary Public

My commission expires the ____ day of _____, 20____



Appendix A

Corp of Engineers Permit



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, OMAHA DISTRICT
NEBRASKA REGULATORY OFFICE
8901 SOUTH 154TH STREET, SUITE 2
OMAHA, NE 68138-3635

April 29, 2026

SUBJECT: Nationwide Permit Verification, NWO-2025-01693-WEH, Christ Lutheran Bank Stabilization Project

Mr. Justin Laudenklos
Platte County
2610 14th Street
Columbus, NE 68601

Dear Mr. Laudenklos:

This letter is in response to your November 26, 2025 Pre-construction Notification (PCN), requesting Department of the Army (DA) Nationwide Permit (NWP) verification for the above-referenced project. The project is located in Loseke Creek, wetlands, and immediately adjacent uplands. The project is located at Latitude 41.554008° Longitude -97.281513°, Section 11, Township 18 N, and Range 1 E: Platte County, Nebraska.

For the above-referenced project you propose to permanently impact 0.043-acre of PEMA/C riverine channel wetland and 0.19-acre (200-linear feet (lf)) of channel below the ordinary high-water mark (OHWM). No temporary impacts will occur with the project.

Project-specific components:

The proposed project will relocate approximately 314-feet of Loseke Creek. The new channel will be approximately 250-feet in length with 200-feet of bank being stabilized with riprap. Approximately 462 Cubic Yards (CY) of Type B rock riprap will be placed in Loseke Creek below the ordinary high-water mark (OHWM) and 70 CY of rock riprap will be placed within wetlands once the existing channel bend is relocated and flattened. Approximately 2.31 CY of type B rock riprap will be placed per one running foot. This work will protect the church school buildings, playground, parking lot, and cemetery access. Total permanent impacts from the placement of the rock riprap and soil fill material will be 0.19-acre (200-linear feet (lf)) of channel below the OHWM and 0.043-acre of PEMA/C riverine channel wetland. The permanent stream impacts are above the stream mitigation threshold, and the applicant completed a NeSCAP stream

assessment which concluded the project will provide a net lift to stream quality. The use of temporary structures is not proposed and therefore is not authorized.

The U.S. Army Corps of Engineers (Corps) regulates the discharge of dredged and fill material into waters of the United States under Section 404 of the Clean Water Act (CWA) (33 U.S.C. 1344). The Corps' regulations are published in the *Code of Federal Regulations* at 33 CFR parts 320 through 332. NWP's are defined in the *Federal Register* published on January 08, 2026 (91 FR 768). Based on a review of the information you furnished and available to us, we have determined the above referenced work requires DA authorization under Section 404 of the CWA.

Based upon the information you provided, we hereby verify that the work described above, which would be performed in accordance with the plans you provided in your permit application, dated November 26, 2025 and December 8, 2025, is authorized by NWP 13, Bank Stabilization. Please note that deviations from the original plans and specifications of your project could require additional authorization from this office. This NWP and associated Regional and General Conditions are enclosed and can be accessed on our website at: <https://www.nwo.usace.army.mil/Missions/Regulatory-Program/Nebraska/>. Failure to comply with the General and Regional Conditions of this NWP, or the project-specific special conditions of this authorization, may result in the suspension or revocation of your authorization, and you may be subject to appropriate enforcement action. You shall comply with all terms and conditions associated with this NWP, including the following special conditions.

Special Conditions:

1. You shall comply with all terms and conditions of the enclosed April 22, 2026, Individual Section 401 of the Clean Water Act Water Quality Certification.
2. This project is within the NLEB range and White Nose Syndrome (WNS) zone. There are no known hibernacula sites or known maternity roost tree(s) within a 1/2 mile of the Corps' action area(s) at this time. For purposes of this special condition, "Tree removal" is defined as cutting down, harvesting, destroying, trimming, or manipulating in any other way the trees, saplings, snags, or any other form of woody vegetation likely to be used by NLEB. Refer to the U.S. Fish and Wildlife Service (USFWS) website: <https://fws.gov/species/northern-long-eared-bat-myotis-septentrionalis>
 - a. Tree removal will NOT occur from April 1 through October 31. If the permittee proposes to schedule tree removal during this time period, the permittee must submit a request to the Nebraska Regulatory Office (NRO). The NRO will coordinate this request with the USFWS for concurrence and NLEB surveys may be required.

The Omaha District, Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete our Customer Service Survey found on our website at: <https://regulatory.ops.usace.army.mil/customer-service-survey/>.

- b. Tree removal will NOT occur within 1/2 mile of any NLEB hibernacula at any time of the year.

Unless this NWP is suspended, modified, or revoked, it is valid until **March 15, 2031**. It is incumbent upon you to remain informed of changes to this NWP. We will issue a public notice when the NWPs are reissued. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant NWP is modified or revoked, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this NWP unless discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization as per 33 CFR 330.6(b). Any project specific conditions listed in this letter continue to remain in effect after the NWP verification expires unless the district engineer removes those conditions.

To assist in your compliance with NWP General Condition 30, enclosed is a "Compliance Certification" form, which shall be signed and returned within 30 days of completion of the project, including any required mitigation. Your signature on this form certifies that you have completed the work in accordance with the terms and conditions of the NWP. Activities completed under the authorization of an NWP which was in effect at the time the activity was completed continue to be authorized by that NWP.

Authorizations under this NWP does not relieve permittees from obtaining permits or other authorizations from any required federal, state, or local agency.

If you have any questions, please contact Brett Harbison via email at brett.harbison@usace.army.mil, by mail at the address above, or by phone at (402) 896-0896.

Sincerely,



Jeremy Grauf
Chief, Nebraska Branch

4 Enclosures

1. NWP Fact Sheet with General Conditions
2. Compliance Certification
3. Nebraska Regional Conditions
4. NDWEE Water Quality Certification

cc

NDWEE (Russell)
MWA (Strahm)

The Omaha District, Regulatory Branch is committed to providing quality and timely service to our customers. In an effort to improve customer service, please take a moment to complete our Customer Service Survey found on our website at: <https://regulatory.ops.usace.army.mil/customer-service-survey/>.

Nationwide Permit 13: Bank Stabilization

Bank stabilization activities necessary for erosion control or prevention, such as vegetative stabilization, bioengineering, sills, rip rap, revetment, gabion baskets, stream barbs, and bulkheads, or combinations of bank stabilization techniques, provided the activity meets all of the following criteria:

- (a) No material is placed in excess of the minimum needed for erosion protection;
- (b) The activity is no more than 500 feet in length along the bank, unless the district engineer waives this criterion by making a written determination concluding that the discharge of dredged or fill material will result in no more than minimal adverse environmental effects (an exception is for bulkheads – the district engineer cannot issue a waiver for a bulkhead that is greater than 1,000 feet in length along the bank);
- (c) The activity will not exceed an average of one cubic yard per running foot, as measured along the length of the treated bank, below the plane of the ordinary high water mark or the high tide line, unless the district engineer waives this criterion by making a written determination concluding that the discharge of dredged or fill material will result in no more than minimal adverse environmental effects;
- (d) The activity does not involve discharges of dredged or fill material into special aquatic sites, unless the district engineer waives this criterion by making a written determination concluding that the discharge of dredged or fill material will result in no more than minimal adverse environmental effects;
- (e) No material is of a type, or is placed in any location, or in any manner, that will impair surface water flow into or out of any waters of the United States;
- (f) No material is placed in a manner that will be eroded by normal or expected high flows (properly anchored native trees and treetops may be used in low energy areas);
- (g) Native plants appropriate for current site conditions, including salinity, must be used for bioengineering or vegetative bank stabilization;
- (h) The activity is not a stream channelization activity; and
- (i) The activity must be properly maintained, which may require repairing it after severe storms or erosion events. This NWP authorizes those maintenance and repair activities if they require authorization.

In addition, this NWP authorizes discharges of dredged or fill material into waters of the United States and structures and work in navigable waters of the United States to incorporate nature-based solutions into new and existing bank stabilization activities to provide habitat and other ecosystem functions and services and to reduce adverse effects of bank stabilization activities on the aquatic environment. Examples of nature-based solutions for bank stabilization activities include the use of construction materials for seawalls and bulkheads that have textured surfaces, crevices, shelves, benches, and pits that support attachment and growth of benthic organisms; vegetative stabilization; bioengineering; the construction of rock pools next to the bank stabilization activity; the construction of small pocket beaches next to the bank stabilization activity; the use of various sizes of rock for revetments to provide different sizes of spaces between rocks for habitat for various species of organisms; the placement of rock clusters next to a seawall or bulkhead; the placement of large wood next to seawalls, bulkheads, and revetments; and the placement of bags of molluscs or the placement of small reef structures to provide habitat for molluscs and other sessile aquatic organisms next to a seawall, bulkhead, or revetment. Nature-based solutions should be appropriate for the physical and biological characteristics of the site.

This NWP also authorizes temporary structures, fills, and work, including the use of temporary mats, necessary to construct the bank stabilization activity. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and discharges of dredged or fill material, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows. After construction, temporary fills must be removed in their entirety

and the affected areas returned to pre-construction elevations. The areas affected by temporary fills must be revegetated, as appropriate.

Notification: The permittee must submit a pre-construction notification to the district engineer prior to commencing the activity if the bank stabilization activity: (1) involves discharges of dredged or fill material into special aquatic sites; or (2) is in excess of 500 feet in length; or (3) will involve the discharge of dredged or fill material of greater than an average of one cubic yard per running foot as measured along the length of the treated bank, below the plane of the ordinary high water mark or the high tide line. (See general condition 32.) (Authorities: Sections 10 and 404)

Note 1: In coastal waters and the Great Lakes, living shorelines may be an appropriate option for bank stabilization, and may be authorized by NWP 54.

Note 2: Under 33 CFR 320.4(g)(2), a landowner has the general right to protect his or her property from erosion, and the district engineer can provide general guidance to the landowner regarding possible alternative methods of protecting his or her property. Permittees are encouraged to use soft bank stabilization approaches (e.g., bioengineering, vegetative stabilization) at sites where those methods are likely to be effective in managing erosion, such as sites where shorelines and banks are subject to moderate to low erosive forces. However, hard bank stabilization activities (e.g., seawalls, bulkheads, revetments, riprap) may be necessary at sites where shorelines and banks are subject to strong erosive forces. An appropriate and effective approach to managing shoreline or bank erosion at a specific site requires consideration of a variety of factors, including but not limited to: bank height; bank condition; the energy of tides, waves, currents, or other water flows that the bank is exposed to; fetch; nearshore water depths; the potential for storm surges; sediment or substrate type; tidal range in waters subject to the ebb and flow of tides; shoreline configuration and orientation; the width of the waterway; and whether there is infrastructure in the vicinity of the proposed bank stabilization activity that needs to be protected and the degree of protection needed.

C. Nationwide Permit General Conditions

Note: To qualify for NWP authorization, the prospective permittee must comply with the following general conditions, as applicable, in addition to any regional or case-specific conditions imposed by the division engineer or district engineer. Prospective permittees should contact the appropriate Corps district office to determine if regional conditions have been imposed on an NWP. Prospective permittees should also contact the appropriate Corps district office to determine the status of Clean Water Act Section 401 water quality certification and/or Coastal Zone Management Act consistency for an NWP. Every person who may wish to obtain permit authorization under one or more NWPs, or who is currently relying on an existing or prior permit authorization under one or more NWPs, has been and is on notice that all of the provisions of 33 CFR 330.1 through 330.6 apply to every NWP authorization. Note especially 33 CFR 330.5 relating to the modification, suspension, or revocation of any NWP authorization.

1. Navigation. (a) No activity may cause more than a minimal adverse effect on navigation.

(b) Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States.

(c) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his or her authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without



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expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

2. Aquatic Life Movements. No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. All permanent and temporary crossings of waterbodies shall be suitably culverted, bridged, or otherwise designed and constructed to maintain low flows to sustain the movement of those aquatic species. If a bottomless culvert cannot be used, then the crossing should be designed and constructed to minimize adverse effects to aquatic life movements.

3. Spawning Areas. Activities in spawning areas during spawning seasons must be avoided to the maximum extent practicable. Activities that result in the physical destruction (e.g., through excavation, fill, or downstream smothering by substantial turbidity) of an important spawning area are not authorized.

4. Migratory Bird Breeding Areas. Activities in waters of the United States that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable.

5. Shellfish Beds. No activity may occur in areas of concentrated shellfish populations, unless the activity is directly related to a shellfish harvesting activity authorized by NWP 4 and 48, or is a shellfish seeding or habitat restoration activity authorized by NWP 27.

6. Suitable Material. No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or discharged must be free from toxic pollutants in toxic amounts (see section 307 of the Clean Water Act).

7. Water Supply Intakes. No activity may occur in the proximity of a public water supply intake, except where the activity is for the repair or improvement of public water supply intake structures or adjacent bank stabilization.

8. Adverse Effects From Impoundments. If the activity creates an impoundment of water, adverse effects to the aquatic system due to accelerating the passage of water, and/or restricting its flow must be minimized to the maximum extent practicable.

9. Management of Water Flows. To the maximum extent practicable, the pre-construction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization, storm water management activities, and temporary and permanent road crossings, except as provided below. The activity must be constructed to withstand expected high flows, including tidal flows. The activity must not restrict or impede the passage of normal or high flows, including tidal flows, unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the pre-construction course, condition, capacity, and location of open waters if it benefits the aquatic environment (e.g., stream restoration or relocation activities).

10. Fills Within 100-Year Floodplains. The activity must comply with applicable FEMA-approved state or local floodplain management requirements.

11. Equipment. Heavy equipment working in wetlands or mudflats must be placed on mats, or other measures must be taken to minimize soil disturbance. If mats are used to minimize soil disturbance, the affected areas must be returned to pre-construction elevations, and revegetated as appropriate. In circumstances where the use of mats has caused significant soil compaction, efforts using techniques (e.g., soil reaeration techniques) to break up the compaction should be employed to return the soil to a pre-construction state prior to returning to pre-construction elevations.

12. Soil Erosion and Sediment Controls. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest

practicable date. Permittees are encouraged to perform work within waters of the United States during periods of low-flow or no-flow, or during low tides.

13. Removal of Temporary Structures and Fills. Temporary structures must be removed, to the maximum extent practicable, after their use has been discontinued. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The affected areas must be revegetated, as appropriate.

14. Proper Maintenance. Any authorized structure or fill shall be properly maintained, including maintenance to ensure public safety and compliance with applicable NWP general conditions, as well as any activity-specific conditions added by the district engineer to an NWP authorization.

15. Single and Complete Project. The activity must be a single and complete project. The same NWP cannot be used more than once for the same single and complete project.

16. Wild and Scenic Rivers. (a) No NWP activity may occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a “study river” for possible inclusion in the system while the river is in an official study status, unless the appropriate Federal agency with direct management responsibility for such river has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status.

(b) If a proposed NWP activity will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a “study river” for possible inclusion in the system while the river is in an official study status, the permittee must submit a pre-construction notification (see general condition 32). The district engineer will coordinate the PCN with the Federal agency with direct management responsibility for that river. Permittees shall not begin the NWP activity until notified by the district engineer that the Federal agency with direct management responsibility for that river has determined in writing that the proposed NWP activity will not adversely affect the Wild and Scenic River designation or study status.

(c) Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency responsible for the designated Wild and Scenic River or study river (e.g., National Park Service, U.S. Forest Service, Bureau of Land Management, U.S. Fish and Wildlife Service). Information on these rivers is also available at: <http://www.rivers.gov/>.

17. Tribal Rights. No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.

18. Endangered Species. (a) No activity is authorized under any NWP which is likely to directly or indirectly jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the federal Endangered Species Act (ESA), or which will directly or indirectly destroy or adversely modify designated critical habitat or critical habitat proposed for such designation. No activity is authorized under any NWP which “may affect” a listed species or critical habitat, unless ESA section 7 consultation addressing the consequences of the proposed activity on listed species or critical habitat has been completed. See 50 CFR 402.02 for the definition of “effects of the action” for the purposes of ESA section 7 consultation.

(b) Federal agencies should follow their own procedures for complying with the requirements of the ESA (see 33 CFR 330.4(f)(1)). If pre-construction notification is required for the proposed activity, the federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will verify that the appropriate documentation has been submitted. If the appropriate documentation has not been submitted, additional ESA section 7 consultation may be necessary for the activity and the respective federal agency would be responsible for fulfilling its obligation under section 7 of the ESA.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat or critical habitat proposed for such designation, and shall not begin work on the activity until notified by the district engineer that the requirements of the ESA have been satisfied and that the activity is authorized. For activities that might affect federally-listed endangered or threatened species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation), the pre-construction notification must include the name(s) of the endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or that utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. The district engineer will determine whether the proposed activity “may affect” or will have “no effect” to listed species and designated critical habitat and will notify the non-federal applicant of the Corps’ determination within 45 days of receipt of a complete pre-construction notification. For activities where the non-federal applicant has identified listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) that might be affected or is in the vicinity of the activity, and has so notified the Corps, the applicant shall not begin work until the Corps has provided notification that the proposed activity will have “no effect” on listed species (or species proposed for listing or designated critical habitat (or critical habitat proposed for such designation), or until ESA section 7 consultation or conference has been completed. If the non-federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(d) As a result of formal or informal consultation or conference with the FWS or NMFS the district engineer may add species-specific permit conditions to the NWP.

(e) Authorization of an activity by an NWP does not authorize the “take” of a threatened or endangered species as defined under the ESA. In the absence of separate authorization (e.g., an ESA Section 10 Permit, a Biological Opinion with “incidental take” provisions, etc.) from the FWS or the NMFS, the Endangered Species Act prohibits any person subject to the jurisdiction of the United States to take a listed species, where “take” means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct. The word “harm” in the definition of “take” means an act which actually kills or injures wildlife. Such an act may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding or sheltering.

(f) If the non-federal permittee has a valid ESA section 10(a)(1)(B) incidental take permit with an approved Habitat Conservation Plan for a project or a group of projects that includes the proposed NWP activity, the non-federal permittee should provide a copy of that ESA section 10(a)(1)(B) permit with the PCN required by paragraph (c) of this general condition. The district engineer will coordinate with the agency that issued the ESA section 10(a)(1)(B) permit to determine whether the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation conducted for the ESA section 10(a)(1)(B) permit. If that coordination results in concurrence from the agency that the proposed NWP activity and the associated incidental take were considered in the internal ESA section 7 consultation for the ESA section 10(a)(1)(B) permit, the district engineer does not need to conduct a separate ESA section 7 consultation for the proposed NWP activity. The district engineer will notify the non-federal applicant within 45 days of receipt of a complete pre-construction notification whether the ESA section 10(a)(1)(B) permit covers the proposed NWP activity or whether additional ESA section 7 consultation is required.

(g) Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the offices of the FWS and NMFS or their web pages at <http://www.fws.gov/> or <http://www.fws.gov/ipac> and <http://www.nmfs.noaa.gov/pr/species/esa/> respectively.

19. Migratory Birds and Bald and Golden Eagles. The permittee is responsible for ensuring that an action authorized by an NWP complies with the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act. The permittee is responsible for contacting the appropriate local office of the U.S. Fish and Wildlife Service to determine what measures, if any, are necessary or appropriate to reduce adverse effects to migratory

birds or eagles, including whether "incidental take" permits are necessary and available under the Migratory Bird Treaty Act or Bald and Golden Eagle Protection Act for a particular activity.

20. Historic Properties. (a) No activity is authorized under any NWP which may have the potential to cause effects on properties listed, or eligible for listing, in the National Register of Historic Places until the requirements of Section 106 of the National Historic Preservation Act (NHPA) have been satisfied.

(b) Federal permittees should follow their own procedures for complying with the requirements of section 106 of the National Historic Preservation Act (see 33 CFR 330.4(g)(1)). If pre-construction notification is required for the proposed NWP activity, the federal permittee must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements. The district engineer will verify that the appropriate documentation has been submitted. If the appropriate documentation is not submitted, then additional consultation under section 106 may be necessary. The respective federal agency is responsible for fulfilling its obligation to comply with section 106.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if the NWP activity might have the potential to cause effects on any historic properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties. For such activities, the pre-construction notification must state which historic properties might have the potential to be affected by the proposed NWP activity or include a vicinity map indicating the location of the historic properties or the potential for the presence of historic properties. Assistance regarding information on the location of, or potential for, the presence of historic properties can be sought from the State Historic Preservation Officer, Tribal Historic Preservation Officer, or designated tribal representative, as appropriate, and the National Register of Historic Places (see 33 CFR 330.4(g)). When reviewing pre-construction notifications, district engineers will comply with the current procedures for addressing the requirements of section 106 of the National Historic Preservation Act. The district engineer shall make a reasonable and good faith effort to carry out appropriate identification efforts commensurate with potential impacts, which may include background research, consultation, oral history interviews, sample field investigation, and/or field survey. Based on the information submitted in the PCN and these identification efforts, the district engineer shall determine whether the proposed NWP activity has the potential to cause effects on historic properties. Section 106 consultation is not required when the district engineer determines that the activity does not have the potential to cause effects on historic properties (see 36 CFR 800.3(a)). Section 106 consultation is required when the district engineer determines that the activity has the potential to cause effects on historic properties. The district engineer will conduct consultation with consulting parties identified under 36 CFR 800.2(c) when he or she makes any of the following effect determinations for the purposes of section 106 of the NHPA: no historic properties affected, no adverse effect, or adverse effect.

(d) Where the non-federal applicant has identified historic properties on which the proposed NWP activity might have the potential to cause effects and has so notified the Corps, the non-federal applicant shall not begin the activity until notified by the district engineer either that the activity has no potential to cause effects on historic properties or that NHPA section 106 consultation has been completed. For non-federal permittees, the district engineer will notify the prospective permittee within 45 days of receipt of a complete pre-construction notification whether NHPA section 106 consultation is required. If NHPA section 106 consultation is required, the district engineer will notify the non-federal applicant that he or she cannot begin the activity until section 106 consultation is completed. If the non-federal applicant has not heard back from the Corps within 45 days, the applicant must still wait for notification from the Corps.

(e) Prospective permittees should be aware that section 110k of the NHPA (54 U.S.C. 306113) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect created or permitted by the applicant.



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If circumstances justify granting the assistance, the Corps is required to notify the ACHP and provide documentation specifying the circumstances, the degree of damage to the integrity of any historic properties affected, and proposed mitigation. This documentation must include any views obtained from the applicant, SHPO/THPO, appropriate Indian tribes if the undertaking occurs on or affects historic properties on tribal lands or affects properties of interest to those tribes, and other parties known to have a legitimate interest in the impacts to the permitted activity on historic properties.

21. Discovery of Previously Unknown Remains and Artifacts. Permittees that discover any previously unknown historic, cultural or archeological remains and artifacts while accomplishing the activities authorized by NWP, must immediately notify the district engineer of what they have found, and to the maximum extent practicable, avoid construction activities that may affect the remains and artifacts until the required coordination has been completed. The district engineer will initiate the federal, tribal, and state coordination required to determine if the items or remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

22. Designated Critical Resource Waters. Critical resource waters include, NOAA-managed marine sanctuaries and marine monuments, and National Estuarine Research Reserves. The district engineer may designate, after notice and opportunity for public comment, additional waters officially designated by a state as having particular environmental or ecological significance, such as outstanding national resource waters or state natural heritage sites. The district engineer may also designate additional critical resource waters after notice and opportunity for public comment.

(a) Discharges of dredged or fill material into waters of the United States are not authorized by NWPs 7, 12, 14, 16, 17, 21, 29, 31, 35, 39, 40, 42, 43, 44, 49, 50, 51, 52, 57 and 58 for any activity within, or directly affecting, critical resource waters, including wetlands adjacent to such waters.

(b) For NWPs 3, 8, 10, 13, 15, 18, 19, 22, 23, 25, 27, 28, 30, 33, 34, 36, 37, 38, and 54, notification is required in accordance with general condition 32, for any activity proposed by permittees in the designated critical resource waters including wetlands adjacent to those waters. The district engineer may authorize activities under these NWPs only after she or he determines that the impacts to the critical resource waters will be no more than minimal.

23. Mitigation. The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal:

(a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).

(b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating for resource losses) will be required to the extent necessary to ensure that the individual and cumulative adverse environmental effects are no more than minimal.

(c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10-acre and require pre-construction notification, unless the district engineer determines in writing that either some other form of mitigation would be more environmentally appropriate or the adverse environmental effects of the proposed activity are no more than minimal, and provides an activity-specific waiver of this requirement. For wetland losses of 1/10-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in only minimal adverse environmental effects.

(d) Compensatory mitigation at a minimum one-for-one ratio will be required for all losses of stream bed that exceed 3/100-acre and require pre-construction notification, unless the district engineer determines in writing that either some other form of mitigation would be more environmentally appropriate or the adverse environmental effects of the proposed activity are no more than minimal, and provides an activity-specific waiver

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of this requirement. This compensatory mitigation requirement may be satisfied through the restoration or enhancement of riparian areas next to streams in accordance with paragraph (e) of this general condition. For losses of stream bed of 3/100-acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in only minimal adverse environmental effects. Compensatory mitigation for losses of streams should be provided, if practicable, through stream rehabilitation, enhancement, or preservation, because streams are difficult-to-replace resources (see 33 CFR 332.3(e)(3)).

(e) Compensatory mitigation plans for NWP activities in or near streams or other open waters will normally include a requirement for the restoration or enhancement, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, the restoration or maintenance/protection of riparian areas may be the only compensatory mitigation required. If restoring riparian areas involves planting vegetation, only native species should be planted. The width of the required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. If it is not possible to restore or maintain/protect a riparian area on both sides of a stream, or if the waterbody is a lake or coastal waters, then restoring or maintaining/protecting a riparian area along a single bank or shoreline may be sufficient. Where both wetlands and open waters exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas and/or wetlands compensation) based on what is best for the aquatic environment on a watershed basis. In cases where riparian areas are determined to be the most appropriate form of minimization or compensatory mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.

(f) Compensatory mitigation projects provided to offset losses of aquatic resources must comply with the applicable provisions of 33 CFR part 332.

(1) The prospective permittee is responsible for proposing an appropriate compensatory mitigation option if compensatory mitigation is necessary to ensure that the activity results in no more than minimal adverse environmental effects. For the NWPs, the preferred mechanism for providing compensatory mitigation is mitigation bank credits or in-lieu fee program credits (see 33 CFR 332.3(b)(2) and (3)). However, if an appropriate number and type of mitigation bank or in-lieu credits are not available at the time the PCN is submitted to the district engineer, the district engineer may approve the use of permittee-responsible mitigation.

(2) The amount of compensatory mitigation required by the district engineer must be sufficient to ensure that the authorized activity results in no more than minimal individual and cumulative adverse environmental effects (see 33 CFR 330.1(e)(3)). (See also 33 CFR 332.3(f).)

(3) Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, aquatic resource restoration should be the first compensatory mitigation option considered for permittee-responsible mitigation.

(4) If permittee-responsible mitigation is the proposed option, the prospective permittee is responsible for submitting a mitigation plan. A conceptual or detailed mitigation plan may be used by the district engineer to make the decision on the NWP verification request, but a final mitigation plan that addresses the applicable requirements of 33 CFR 332.4(c)(2) through (14) must be approved by the district engineer before the permittee begins work in waters of the United States, unless the district engineer determines that prior approval of the final mitigation plan is not practicable or not necessary to ensure timely completion of the required compensatory mitigation (see 33 CFR 332.3(k)(3)). If permittee-responsible mitigation is the proposed option, and the proposed compensatory mitigation site is located on land in which another federal agency holds an easement, the district engineer will coordinate with that federal agency to determine if proposed compensatory mitigation project is compatible with the terms of the easement.

(5) If mitigation bank or in-lieu fee program credits are the proposed option, the mitigation plan needs to address only the baseline conditions at the impact site and the number of credits to be provided (see 33 CFR 332.4(c)(1)(ii)).

(6) Compensatory mitigation requirements (e.g., resource type and amount to be provided as compensatory mitigation, site protection, ecological performance standards, monitoring requirements) may be addressed through conditions added to the NWP authorization, instead of components of a compensatory mitigation plan (see 33 CFR 332.4(c)(1)(ii)).

(g) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWPs. For example, if an NWP has an acreage limit of 1/2-acre, it cannot be used to authorize any NWP activity resulting in the loss of greater than 1/2-acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to ensure that an NWP activity already meeting the established acreage limits also satisfies the no more than minimal impact requirement for the NWPs.

(h) Permittees may propose the use of mitigation banks, in-lieu fee programs, or permittee-responsible mitigation. When developing a compensatory mitigation proposal, the permittee must consider appropriate and practicable options consistent with the framework at 33 CFR 332.3(b). For activities resulting in the loss of marine or estuarine resources, permittee-responsible mitigation may be environmentally preferable if there are no mitigation banks or in-lieu fee programs in the area that have marine or estuarine credits available for sale or transfer to the permittee. For permittee-responsible mitigation, the special conditions of the NWP verification must clearly indicate the party or parties responsible for the implementation and performance of the compensatory mitigation project, and, if required, its long-term management.

(i) Where certain functions and services of waters of the United States are permanently adversely affected by a regulated activity, such as discharges of dredged or fill material into waters of the United States that will convert a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-of-way, mitigation may be required to reduce the adverse environmental effects of the activity to the no more than minimal level.

24. Safety of Impoundment Structures. To ensure that all impoundment structures are safely designed, the district engineer may require non-federal applicants to demonstrate that the structures comply with established state or federal, dam safety criteria or have been designed by qualified persons. The district engineer may also require documentation that the design has been independently reviewed by similarly qualified persons, and appropriate modifications made to ensure safety.

25. Water Quality. (a) Where the certifying authority (state, authorized tribe, or EPA, as appropriate) has not previously certified compliance of an NWP with CWA section 401, a CWA section 401 water quality certification for the proposed activity which may result in any discharge from a point source into waters of the United States must be obtained or waived (see 33 CFR 330.4(c)). If the permittee cannot comply with all of the conditions of a water quality certification previously issued by the certifying authority for the issuance of the NWP, then the permittee must obtain a water quality certification or waiver for the proposed activity which may result in any discharge from a point source into waters of the United States in order for the activity to be authorized by an NWP.

(b) If the NWP activity requires pre-construction notification and the certifying authority has not previously certified compliance of an NWP with CWA section 401, the proposed activity which may result in any discharge from a point source into waters of the United States is not authorized by an NWP until water quality certification is obtained or waived. If the certifying authority issues a water quality certification for the proposed discharge into waters of the United States, the permittee must submit a copy of the certification to the district engineer. The discharge into waters of the United States is not authorized by an NWP until the district engineer has notified the permittee that the water quality certification requirement has been satisfied (i.e., by the issuance of a water quality certification or a waiver and completion of the Section 401(a)(2) process).

(c) The district engineer or certifying authority may require additional water quality management measures to ensure that the authorized activity does not result in more than minimal degradation of water quality.

26. Coastal Zone Management. In coastal states where an NWP has not previously received a state coastal zone management consistency concurrence, an individual state coastal zone management consistency concurrence must be obtained, or a presumption of concurrence must occur (see 33 CFR 330.4(d)). If the permittee cannot comply with all of the conditions of a coastal zone management consistency concurrence previously issued by the state, then the permittee must obtain an individual coastal zone management consistency concurrence or presumption of concurrence in order for the activity to be authorized by an NWP. The district engineer or a state may require additional measures to ensure that the authorized activity is consistent with state coastal zone management requirements.

27. Regional and Case-By-Case Conditions. The activity must comply with any regional conditions that may have been added by the division engineer (see 33 CFR 330.4(e)) and with any case specific conditions added by the Corps or by the state, Indian Tribe, or U.S. EPA in its CWA section 401 Water Quality Certification, or by the state in its Coastal Zone Management Act consistency determination.

28. Use of Multiple Nationwide Permits. The use of more than one NWP for a single and complete project is authorized, subject to the following restrictions:

(a) The total acreage loss of waters of the United States for a single and complete project cannot exceed the acreage limit of the NWP with the highest specified acreage limit when multiple NWPs are used to authorize an activity.

(b) If only one of the NWPs used to authorize the single and complete project has a specified acreage limit, the acreage loss of waters of the United States for that single and complete project cannot exceed that specified acreage limit. For example, if a road crossing over tidal waters is constructed under NWP 14 (which has an acreage limit of 1/3 acre in tidal waters), with associated bank stabilization authorized by NWP 13 (which does not have a specified acreage limit), the maximum acreage loss of waters of the United States for the total project cannot exceed 1/3-acre.

(c) If two or more of the NWPs used to authorize the single and complete project have specified acreage limits, the acreage loss of waters of the United States authorized by each of those NWPs cannot exceed the specified acreage limits of each of those NWPs. For example, if a commercial development is constructed under NWP 39 (which has a 1/2-acre limit), and the single and complete project includes the filling of a ditch authorized by NWP 46 (which has a 1-acre limit), the maximum acreage loss of waters of the United States for the construction of the commercial development under NWP 39 cannot exceed 1/2-acre, and the total acreage loss of waters of United States caused by the combination of the NWP 39 and NWP 46 activities cannot exceed 1 acre.

29. Transfer of Nationwide Permit Verifications. If the permittee sells the property associated with a nationwide permit verification, the permittee may transfer the nationwide permit verification to the new owner by submitting a letter to the appropriate Corps district office to validate the transfer. A copy of the nationwide permit verification must be attached to the letter, and the letter must contain the following statement and signature:

“When the structures or work authorized by this nationwide permit are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.”

(Transferee)

(Date)

30. Compliance Certification. Each permittee who receives an NWP verification letter from the Corps must provide a signed certification documenting completion of the authorized activity and implementation of any required compensatory mitigation. The successful completion of any required permittee-responsible mitigation, including the achievement of ecological performance standards, will be addressed separately by the district engineer. The Corps will provide the permittee the certification document with the NWP verification letter. The certification document will include:

(a) A statement that the authorized activity was done in accordance with the NWP authorization, including any general, regional, or activity-specific conditions;

(b) A statement that the implementation of any required compensatory mitigation was completed in accordance with the permit conditions. If credits from a mitigation bank or in-lieu fee program are used to satisfy the compensatory mitigation requirements, the certification must include the documentation required by 33 CFR 332.3(l)(3) to confirm that the permittee secured the appropriate number and resource type of credits; and

(c) The signature of the permittee certifying the completion of the activity and mitigation.

The completed certification document must be submitted to the district engineer within 30 days of completion of the authorized activity or the implementation of any required compensatory mitigation, whichever occurs later.

31. Activities Affecting Structures or Works Built by the United States. If an NWP activity also requires review by, or permission from, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers (USACE) federally authorized Civil Works project (a "USACE project"), the prospective permittee must submit a pre-construction notification. See paragraph (b)(10) of general condition 32. An activity that requires section 408 permission and/or review is not authorized by an NWP until the appropriate Corps office issues the section 408 permission or completes its review to alter, occupy, or use the USACE project, and the district engineer issues a written NWP verification.

32. Pre-Construction Notification. (a) *Timing.* Where required by the terms of the NWP, the prospective permittee must notify the district engineer by submitting a pre-construction notification (PCN) as early as possible. The district engineer must determine if the PCN is complete within 30 calendar days of the date of receipt and, if the PCN is determined to be incomplete, notify the prospective permittee within that 30 day period to request the additional information necessary to make the PCN complete. The request must specify the information needed to make the PCN complete. As a general rule, district engineers will request additional information necessary to make the PCN complete only once. However, if the prospective permittee does not provide all of the requested information, then the district engineer will notify the prospective permittee that the PCN is still incomplete and the PCN review process will not commence until all of the requested information has been received by the district engineer. The prospective permittee shall not begin the activity until either:

(1) He or she is notified in writing by the district engineer that the activity may proceed under the NWP with any special conditions imposed by the district or division engineer; or

(2) 45 calendar days have passed from the district engineer's receipt of the complete PCN and the prospective permittee has not received written notice from the district or division engineer. However, if the permittee was required to notify the Corps pursuant to general condition 18 that listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) might be affected or are in the vicinity of the activity, or to notify the Corps pursuant to general condition 20 that the activity

might have the potential to cause effects to historic properties, the permittee cannot begin the activity until receiving written notification from the Corps that there is “no effect” on listed species or “no potential to cause effects” on historic properties, or that any consultation required under Section 7 of the Endangered Species Act (see 33 CFR 330.4(f)) and/or section 106 of the National Historic Preservation Act (see 33 CFR 330.4(g)) has been completed. If the proposed activity requires a written waiver to exceed specified limits of an NWP, the permittee may not begin the activity until the district engineer issues the waiver. If the district or division engineer notifies the permittee in writing that an individual permit is required within 45 calendar days of receipt of a complete PCN, the permittee cannot begin the activity until an individual permit has been obtained. Subsequently, the permittee’s right to proceed under the NWP may be modified, suspended, or revoked only in accordance with the procedure set forth in 33 CFR 330.5(d)(2).

(b) *Contents of Pre-Construction Notification:* The PCN must be in writing and include the following information:

(1) Name, address and telephone numbers of the prospective permittee;

(2) Location of the proposed activity;

(3) Identify the specific NWP or NWP(s) the prospective permittee wants to use to authorize the proposed activity;

(4) (i) A description of the proposed activity; the activity’s purpose; direct and indirect adverse environmental effects the activity would cause, including the anticipated amount of loss of wetlands, other special aquatic sites, and other waters expected to result from the NWP activity, in acres, linear feet, or other appropriate unit of measure; a description of any proposed mitigation measures intended to reduce the adverse environmental effects caused by the proposed activity; and any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity, including other separate and distant crossings for linear projects that require Department of the Army authorization but do not require pre-construction notification. The description of the proposed activity and any proposed mitigation measures should be sufficiently detailed to allow the district engineer to determine that the adverse environmental effects of the activity will be no more than minimal and to determine the need for compensatory mitigation or other mitigation measures.

(ii) For linear projects where one or more single and complete crossings require pre-construction notification, the PCN must include the quantity of anticipated losses of wetlands, other special aquatic sites, and other waters for each single and complete crossing of those wetlands, other special aquatic sites, and other waters (including those single and complete crossings authorized by an NWP but do not require PCNs). This information will be used by the district engineer to evaluate the cumulative adverse environmental effects of the proposed linear project, and does not change those non-PCN NWP activities into NWP PCNs.

(iii) Sketches should be provided when necessary to show that the activity complies with the terms of the NWP. (Sketches usually clarify the activity and when provided results in a quicker decision. Sketches should contain sufficient detail to provide an illustrative description of the proposed activity (e.g., a conceptual plan), but do not need to be detailed engineering plans);

(5) The PCN must include a delineation of waters, wetlands, and other special aquatic sites on the project site. Wetland delineations must be prepared in accordance with the current method required by the Corps. The permittee may ask the Corps to delineate the special aquatic sites and other waters on the project site, but there may be a delay if the Corps does the delineation, especially if the project site is large or contains many wetlands, other special aquatic sites, and other waters. Furthermore, the 45-day period will not start until the delineation has been submitted to or completed by the Corps, as appropriate. For NWP 27 activities that require PCNs because of other general conditions or regional conditions imposed by division engineers, see Note 2 of that NWP;

(6) If the proposed activity will result in the loss of greater than 1/10-acre of wetlands or 3/100-acre of stream bed and a PCN is required, the prospective permittee must submit a statement describing how the compensatory mitigation requirement will be satisfied, or explaining why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required. As an alternative, the prospective permittee may submit a conceptual or detailed mitigation plan.

(7) For non-federal permittees, if any listed species (or species proposed for listing) or designated critical habitat (or critical habitat proposed for such designation) might be affected or is in the vicinity of the activity, or if the activity is located in designated critical habitat (or critical habitat proposed for such designation), the PCN must include the name(s) of those endangered or threatened species (or species proposed for listing) that might be affected by the proposed activity or utilize the designated critical habitat (or critical habitat proposed for such designation) that might be affected by the proposed activity. For NWP activities that require pre-construction notification, federal permittees must provide documentation demonstrating compliance with the Endangered Species Act;

(8) For non-federal permittees, if the NWP activity might have the potential to cause effects to a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places, the PCN must state which historic property might have the potential to be affected by the proposed activity or include a vicinity map indicating the location of the historic property. For NWP activities that require pre-construction notification, federal permittees must provide documentation demonstrating compliance with section 106 of the National Historic Preservation Act;

(9) For an activity that will occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a “study river” for possible inclusion in the system while the river is in an official study status, the PCN must identify the Wild and Scenic River or the “study river” (see general condition 16); and

(10) For an NWP activity that requires permission from, or review by, the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a U.S. Army Corps of Engineers federally authorized civil works project, the pre-construction notification must include a statement confirming that the project proponent has submitted a written request for section 408 permission from, or review by, the Corps office having jurisdiction over that USACE project.

(c) *Form of Pre-Construction Notification:* The nationwide permit pre-construction notification form (Form ENG 6082) should be used for NWP PCNs. A letter containing the required information may also be used. Applicants may provide electronic files of PCNs and supporting materials if the district engineer has established tools and procedures for electronic submittals.

(d) *Agency Coordination:* (1) The district engineer will consider any comments from federal and state agencies concerning the proposed activity’s compliance with the terms and conditions of the NWPs and the need for mitigation to reduce the activity’s adverse environmental effects so that they are no more than minimal.

(2) Agency coordination is required for: (i) all NWP activities that require pre-construction notification and result in the loss of greater than 1/2-acre of waters of the United States; (ii) NWP 13 activities in excess of 500 linear feet, fills greater than one cubic yard per running foot, or involve discharges of dredged or fill material into special aquatic sites; and (iii) NWP 54 activities in excess of 500 linear feet, or that extend into the waterbody more than 30 feet from the mean low water line in tidal waters or the ordinary high water mark in the Great Lakes.

(3) When agency coordination is required, the district engineer will immediately provide (e.g., via e-mail, facsimile transmission, overnight mail, or other expeditious manner) a copy of the complete PCN to the appropriate federal or state offices (FWS, state natural resource or water quality agency, EPA, and, if appropriate, the NMFS). With the exception of NWP 37, these agencies will have 10 calendar days from the date the material is transmitted to notify the district engineer via telephone, facsimile transmission, or e-mail that they intend to provide substantive, site-specific comments. The comments must explain why the agency believes the adverse

environmental effects will be more than minimal. If so contacted by an agency, the district engineer will wait an additional 15 calendar days before making a decision on the pre-construction notification. The district engineer will fully consider agency comments received within the specified time frame concerning the proposed activity's compliance with the terms and conditions of the NWPs, including the need for mitigation to ensure that the net adverse environmental effects of the proposed activity are no more than minimal. The district engineer will provide no response to the resource agency, except as provided below. The district engineer will indicate in the administrative record associated with each pre-construction notification that the resource agencies' concerns were considered. For NWP 37, the emergency watershed protection and rehabilitation activity may proceed immediately in cases where there is an unacceptable hazard to life or a significant loss of property or economic hardship will occur. The district engineer will consider any comments received to decide whether the NWP 37 authorization should be modified, suspended, or revoked in accordance with the procedures at 33 CFR 330.5.

(4) In cases where the prospective permittee is not a federal agency, the district engineer will provide a response to NMFS within 30 calendar days of receipt of any Essential Fish Habitat conservation recommendations, as required by section 305(b)(4)(B) of the Magnuson-Stevens Fishery Conservation and Management Act.

(5) Applicants are encouraged to provide the Corps with either electronic files or multiple copies of pre-construction notifications to expedite agency coordination.

E. Further Information

1. District engineers have authority to determine if an activity complies with the terms and conditions of an NWP.
2. NWPs do not obviate the need to obtain other federal, state, or local permits, approvals, or authorizations required by law.
3. NWPs do not grant any property rights or exclusive privileges.
4. NWPs do not authorize any injury to the property or rights of others.
5. NWPs do not authorize interference with any existing or proposed Federal project (see general condition 31).

F. Nationwide Permit Definitions

Best management practices (BMPs): Policies, practices, procedures, or structures implemented to mitigate the adverse environmental effects on surface water quality resulting from development. BMPs are categorized as structural or non-structural.

Compensatory mitigation: The restoration (re-establishment or rehabilitation), establishment (creation), enhancement, and/or in certain circumstances preservation of aquatic resources for the purposes of offsetting unavoidable adverse impacts which remain after all appropriate and practicable avoidance and minimization has been achieved.

Currently serviceable: Useable as is or with some maintenance, but not so degraded as to essentially require reconstruction.

Direct effects: Effects that are caused by the activity and occur at the same time and place.

Discharge: The term "discharge" means any discharge of dredged or fill material into waters of the United States.



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Ecological reference: A model used to plan and design an aquatic ecosystem restoration, enhancement, or establishment activity under NWP 27. An ecological reference may be based on: (1) the structure, functions, and dynamics of an aquatic ecosystem type or a riparian area type that currently exists in the region; (2) the structure, functions, and dynamics of an aquatic ecosystem type or riparian area type that existed in the region in the past; and/or (3) indigenous and local ecological knowledge that apply to the aquatic ecosystem type or riparian area type (i.e., a cultural ecosystem). Cultural ecosystems are ecosystems that have developed under the joint influence of natural processes and human management activities (e.g., fire stewardship). An ecological reference takes into account the range of variation of the aquatic habitat type or riparian area type in the region.

Enhancement: The manipulation of the physical, chemical, or biological characteristics of an aquatic resource to heighten, intensify, or improve a specific aquatic resource function(s). Enhancement results in the gain of selected aquatic resource function(s), but may also lead to a decline in other aquatic resource function(s). Enhancement does not result in a gain in aquatic resource area.

Establishment (creation): The manipulation of the physical, chemical, or biological characteristics present to develop an aquatic resource that did not previously exist at an upland site. Establishment results in a gain in aquatic resource area.

High Tide Line: The line of intersection of the land with the water's surface at the maximum height reached by a rising tide. The high tide line may be determined, in the absence of actual data, by a line of oil or scum along shore objects, a more or less continuous deposit of fine shell or debris on the foreshore or berm, other physical markings or characteristics, vegetation lines, tidal gages, or other suitable means that delineate the general height reached by a rising tide. The line encompasses spring high tides and other high tides that occur with periodic frequency but does not include storm surges in which there is a departure from the normal or predicted reach of the tide due to the piling up of water against a coast by strong winds such as those accompanying a hurricane or other intense storm.

Historic Property: Any prehistoric or historic district, site (including archaeological site), building, structure, or other object included in, or eligible for inclusion in, the National Register of Historic Places maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian organization and that meet the National Register criteria (36 CFR part 60).

Independent utility: A test to determine what constitutes a single and complete non-linear project in the Corps Regulatory Program. A project is considered to have independent utility if it would be constructed absent the construction of other projects in the project area. Portions of a multi-phase project that depend upon other phases of the project do not have independent utility. Phases of a project that would be constructed even if the other phases were not built can be considered as separate single and complete projects with independent utility.

Indirect effects: Effects that are caused by the activity and are later in time or farther removed in distance, but are still reasonably foreseeable.

Loss of waters of the United States: Waters of the United States that are permanently adversely affected by filling, flooding, excavation, or drainage because of the regulated activity. The loss of stream bed includes the acres of stream bed that are permanently adversely affected by filling or excavation because of the regulated activity. Permanent adverse effects include permanent discharges of dredged or fill material that change an aquatic area to dry land, increase the bottom elevation of a waterbody, or change the use of a waterbody. The acreage of loss of waters of the United States is a threshold measurement of the impact to jurisdictional waters or wetlands for determining whether a project may qualify for an NWP; it is not a net threshold that is calculated after considering compensatory mitigation that may be used to offset losses of aquatic functions and services. Waters of the United States temporarily filled, flooded, excavated, or drained, but restored to pre-construction contours and elevations after construction, are not included in the measurement of loss of waters of the United States. Impacts resulting from activities that do not require Department of the Army

authorization, such as activities eligible for exemptions under section 404(f) of the Clean Water Act, are not considered when calculating the loss of waters of the United States.

Nature-based solutions: Actions to protect, sustainably manage, and restore natural or modified ecosystems, that address societal challenges effectively and adaptively, simultaneously providing human well-being and biodiversity benefits.

Navigable waters: Waters subject to section 10 of the Rivers and Harbors Act of 1899. These waters are defined at 33 CFR part 329.

Non-tidal wetland: A non-tidal wetland is a wetland that is not subject to the ebb and flow of tidal waters. Non-tidal wetlands contiguous to tidal waters are located landward of the high tide line (i.e., spring high tide line).

Open water: For purposes of the NWP, an open water is any area that in a year with normal patterns of precipitation has water flowing or standing above ground to the extent that an ordinary high water mark can be determined. Aquatic vegetation within the area of flowing or standing water is either non-emergent, sparse, or absent. Vegetated shallows are considered to be open waters. Examples of “open waters” include rivers, streams, lakes, and ponds.

Ordinary High Water Mark: The term ordinary high water mark means that line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.

Perennial stream: A perennial stream has surface water flowing continuously year-round during a typical year.

Practicable: Available and capable of being done after taking into consideration cost, existing technology, and logistics in light of overall project purposes.

Pre-construction notification: A request submitted by the project proponent to the Corps for confirmation that a particular activity is authorized by nationwide permit. The request may be a permit application, letter, or similar document that includes information about the proposed work and its anticipated environmental effects. Pre-construction notification may be required by the terms and conditions of a nationwide permit, or by regional conditions. A pre-construction notification may be voluntarily submitted in cases where pre-construction notification is not required and the project proponent wants confirmation that the activity is authorized by nationwide permit.

Preservation: The removal of a threat to, or preventing the decline of, aquatic resources by an action in or near those aquatic resources. This term includes activities commonly associated with the protection and maintenance of aquatic resources through the implementation of appropriate legal and physical mechanisms. Preservation does not result in a gain of aquatic resource area or functions.

Re-establishment: The manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/historic functions to a former aquatic resource. Re-establishment results in rebuilding a former aquatic resource and results in a gain in aquatic resource area and functions.

Rehabilitation: The manipulation of the physical, chemical, or biological characteristics of a site with the goal of repairing natural/historic functions to a degraded aquatic resource. Rehabilitation results in a gain in aquatic resource function, but does not result in a gain in aquatic resource area.

Restoration: The manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/historic functions to a former or degraded aquatic resource. For the purpose of tracking net gains in aquatic resource area, restoration is divided into two categories: re-establishment and rehabilitation.



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Riffle and pool complex: Riffle and pool complexes are special aquatic sites under the 404(b)(1) Guidelines. Riffle and pool complexes sometimes characterize steep gradient sections of streams. Such stream sections are recognizable by their hydraulic characteristics. The rapid movement of water over a coarse substrate in riffles results in a rough flow, a turbulent surface, and high dissolved oxygen levels in the water. Pools are deeper areas associated with riffles. A slower stream velocity, a streaming flow, a smooth surface, and a finer substrate characterize pools.

Riparian areas: Riparian areas are lands next to streams, lakes, and estuarine-marine shorelines. Riparian areas are transitional between terrestrial and aquatic ecosystems, through which surface and subsurface hydrology connects riverine, lacustrine, estuarine, and marine waters with their adjacent wetlands, non-wetland waters, or uplands. Riparian areas provide a variety of ecological functions and services and help improve or maintain local water quality. (See general condition 23.)

Shellfish seeding: The placement of shellfish seed and/or suitable substrate to increase shellfish production. Shellfish seed consists of immature individual shellfish or individual shellfish attached to shells or shell fragments (i.e., spat on shell). Suitable substrate may consist of shellfish shells, shell fragments, or other appropriate materials placed into waters for shellfish habitat.

Single and complete linear project: A linear project is a project constructed for the purpose of getting people, goods, or services from a point of origin to a terminal point, which often involves multiple crossings of one or more waterbodies at separate and distant locations. The term “single and complete project” is defined as that portion of the total linear project proposed or accomplished by one owner/developer or partnership or other association of owners/developers that includes all crossings of a single water of the United States (i.e., a single waterbody) at a specific location. For linear projects crossing a single or multiple waterbodies several times at separate and distant locations, each crossing is considered a single and complete project for purposes of NWP authorization. However, individual channels in a braided stream or river, or individual arms of a large, irregularly shaped wetland or lake, etc., are not separate waterbodies, and crossings of such features cannot be considered separately.

Single and complete non-linear project: For non-linear projects, the term “single and complete project” is defined at 33 CFR 330.2(i) as the total project proposed or accomplished by one owner/developer or partnership or other association of owners/developers. A single and complete non-linear project must have independent utility (see definition of “independent utility”). Single and complete non-linear projects may not be “piecemealed” to avoid the limits in an NWP authorization.

Stormwater management: Stormwater management is the mechanism for controlling stormwater runoff for the purposes of reducing downstream erosion, water quality degradation, and flooding and mitigating the adverse effects of changes in land use on the aquatic environment.

Stormwater management facilities: Stormwater management facilities are those facilities, including but not limited to, stormwater retention and detention ponds and best management practices, which retain water for a period of time to control runoff and/or improve the quality (i.e., by reducing the concentration of nutrients, sediments, hazardous substances and other pollutants) of stormwater runoff.

Stream bed: The substrate of the stream channel between the ordinary high water marks. The substrate may be bedrock or inorganic particles that range in size from clay to boulders. The substrate may also be comprised, in part, of organic matter, such as large or small wood fragments, leaves, algae, and other organic materials. Wetlands contiguous to the stream bed, but outside of the ordinary high water marks, are not considered part of the stream bed.

Stream channelization: The manipulation of a stream’s course, condition, capacity, or location that causes more than minimal interruption of normal stream processes. A channelized jurisdictional stream remains a water of the United States.



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Structure: An object that is arranged in a definite pattern of organization. Examples of structures include, without limitation, any pier, boat dock, boat ramp, wharf, dolphin, weir, boom, breakwater, bulkhead, revetment, riprap, jetty, artificial island, artificial reef, permanent mooring structure, power transmission line, permanently moored floating vessel, piling, aid to navigation, or any other manmade obstacle or obstruction.

Tidal wetland: A tidal wetland is a jurisdictional wetland that is inundated by tidal waters. Tidal waters rise and fall in a predictable and measurable rhythm or cycle due to the gravitational pulls of the moon and sun. Tidal waters end where the rise and fall of the water surface can no longer be practically measured in a predictable rhythm due to masking by other waters, wind, or other effects. Tidal wetlands are located channelward of the high tide line.

Tribal lands: Any lands title to which is either: 1) held in trust by the United States for the benefit of any Indian tribe or individual; or 2) held by any Indian tribe or individual subject to restrictions by the United States against alienation.

Tribal rights: Those rights legally accruing to a tribe or tribes by virtue of inherent sovereign authority, unextinguished aboriginal title, treaty, statute, judicial decisions, executive order or agreement, and that give rise to legally enforceable remedies.

Vegetated shallows: Vegetated shallows are special aquatic sites under the 404(b)(1) Guidelines. They are areas that are permanently inundated and under normal circumstances have rooted aquatic vegetation, such as seagrasses in marine and estuarine systems and a variety of vascular rooted plants in freshwater systems.

Waterbody: For purposes of the NWP, a waterbody is a “water of the United States.” If a wetland is adjacent to a waterbody determined to be a water of the United States, that waterbody and any adjacent wetlands are considered together as a single aquatic unit (see 33 CFR 328.4(c)(2)).



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**2026 Nationwide Permits
Final Regional Conditions
Omaha District
State of Nebraska**

The following Nationwide Permit (NWP) regional conditions will be used in the State of Nebraska. The issuance of the 2026 NWPs was announced in the June 18, 2025, publication of the Federal Register (90 FR 26100); the final action was published in the Federal Register (91 FR 768) on January 8, 2026. Regional conditions are placed on NWPs to ensure projects result in no more than minimal adverse impacts to the aquatic environment and to address local resources concerns.

A. PRECONSTRUCTION NOTIFICATION REQUIREMENTS APPLICABLE TO ALL NWPs

For all NWPs, permittees must notify the Corps in accordance with General Condition 32 Preconstruction Notification (PCN) requirements for regulated activities located within or comprised of the following:

1. Aquatic Resources of Special Concern:

Aquatic resources of special concern are resources that are difficult to replace, unique, and/or have high ecological function. PCN required for any regulated activity located in aquatic resources of special concern that fall into the categories listed below. The District Engineer may authorize activities under NWPs only after determining that the impacts to the following aquatic resources of special concern will be no more than minimal:

- a. **Wetlands classified as peatlands:** For purposes of this condition, peatlands are permanently or seasonally waterlogged areas with a surface accumulation of peat (organic matter) 30 centimeters (12 inches) or more thick. Under cool, anaerobic, and acidic conditions, the rate of organic matter accumulation exceeds organic decay. Any peat-covered areas, including fens, bogs, and muskegs, are all peatlands.
- b. **Natural Springs:** Within 100 feet of the water source in natural spring areas. For the purpose of this condition, a spring water source is defined as any location where there is flow emanating from a distinct point at any time during the growing season. Springs do not include seeps and other groundwater discharge areas where there is no distinct point source of waters. Springs do not include drain tile outlets.
- c. **Specific Waters:** Within the following waters and their impoundments:
 - i. Missouri River
 - ii. North Platte River
 - iii. South Platte River
 - iv. Platte River
 - v. Loup River
 - vi. Elkhorn River
 - vii. Republican River
 - viii. All jurisdictional Class A State Resource Waters and all regulated adjacent wetlands within their floodplain/valley. A list of Class A State Resource Waters can be found at:

Streams:

https://www.nebraskamap.gov/datasets/b356a73f5a7c4bb0b92da30d84e83117_0/explore?filters=eyJTdGF0ZV9SZXNvdXJjZV9XYXRlcil6WyJBIl19

Lakes:

https://www.nebraskamap.gov/datasets/d0de835ad89f42ad8995c9c374ce2ecf_0/explore?filter=eyJTdGF0ZV9SZXNvdXJpbkEiXX0%3D&location=42.790828%2C-102.917747%2C10.40



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**2026 Nationwide Permits
Final Regional Conditions
Omaha District
State of Nebraska**

- d. **Eastern Saline Wetlands:** Found in Saunders or Lancaster Counties. The following link provides a map showing the general location of the Eastern Saline Wetlands:

<https://outdoornebraska.gov/wp-content/uploads/2024/01/Saline-Wetlands.pdf>

All mitigation involving Eastern Saline wetlands should be conducted pursuant to the Eastern Saline Mitigation Guidelines. The Guidelines can be found at:

<http://www.nwo.usace.army.mil/Missions/Regulatory-Program/Nebraska/Mitigation/>

- e. **Traditional Rainwater Basin wetlands:** Found in the 21 county Rainwater Basin area of south-central Nebraska. The following link provides a map showing the general location of the Rainwater Basin geographic area:

<https://outdoornebraska.gov/wp-content/uploads/2024/01/Rainwater-Basin.pdf>

2. Tribal Reservations and Tribal Trust Lands:

PCN required for any regulated activity located within Tribal Reservations and Tribal Trust Lands. The following link provides a map showing Tribal Reservations and Tribal Trust Lands:

<https://onemap-bia-geospatial.hub.arcgis.com/apps/718497a94a15450d8d48b51625dc330f/explore>

B. CONSTRUCTION PRACTICES:

1. Suitable Material

Permittees are reminded of General Condition No. 6 which prohibits use of unsuitable material. A list of materials prohibited or restricted as fill material in waters of the United States within the Omaha District can be found at:

<http://www.nwo.usace.army.mil/Media/FactSheets/FactSheetArticleView/tabid/2034/Article/12320/prohibited-restricted-materials.aspx>

2. Revegetation of Disturbed Areas:

All jurisdictional waters disturbed by construction shall be revegetated with appropriate perennial, native grasses and forbs and maintained in this condition. Seed mixes shall not include invasive or noxious species. The following link provides information and resources on invasive species: <https://www.invasivespeciesinfo.gov/us>



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Attn. Justin Laudenklos
Platte County Highway Department
2610 14th Street
Columbus, NE 68601

April 22, 2026

Via email: jlaudenklos@plattecounty.ne.gov

RE: State Water Quality Certification for Section 404 Application (NWO-2025-01693-WEH), Christ Lutheran Bank Stabilization Project

Dear Justin Laudenklos,

We have reviewed the information submitted to this office regarding the above-referenced project to stabilize the channel bank of Loseke Creek near Coumbus, Nebraska. As outlined in your permit application, the proposed activities will result in 0.043 acres of permanent impact on wetlands and 0.19 acres of permanent impact on waterbodies identified as waters of the U.S. (WOTUS).

Pursuant to § 401 of the Clean Water Act of 1977, as amended by the Water Quality Act of 1987, and Title 120, *Rules and Regulations Pertaining To Certification by The State of Nebraska*, DWEE will provide certification to an applicant for a federally issued and administered permit or license to conduct any activity including, but not limited to, the construction or operation of facilities, which may result in a discharge into navigable waters, if the discharge will not violate Title 117, *Nebraska Surface Water Quality Standards*.

The impacts to wetlands are below the mitigation threshold of 0.1-acres, so no mitigation is required for these impacts. The impacts to other waterbodies determined to be WOTUS, while above the mitigation threshold of 0.03 acres, have been found to result in a net increase in stream function. This was determined through the conduction of a pre- and post- construction Nebraska Stream Condition Assessment Procedure (NeSCAP); therefore, no mitigation is required for these impacts.

The Department's certification may specify any special condition necessary to assure that the applicant for a federal license or permit will comply with Title 117. **The Department has determined that the proposed activity will comply with Title 117, so long as the following conditions are met:**

1. Construction activities will employ Best Management Practices (erosion and sediment controls), maintained in effective operating condition during construction, to reduce to the maximum extent practicable the erosion of land into water bodies located within or adjacent to the construction site (Title 117, Chapter 3, Section 001).
2. Surface waters are to be free from toxic substances, alone or in combination with other substances, in concentrations that result in acute or chronic toxicity to aquatic life. Drilling fluids and additives used in the construction will be non-toxic to the aquatic environment. All aquatic life use classes shall be protected from human induced water pollution which would significantly degrade the biological integrity of a body of water or significantly impact or displace an identified key species. This includes but is not limited to drilling fluids and other substances associated with pipeline construction activities. (Title 117 4-003.01)

3. In the event of an accidental discharge, immediate actions will be taken to minimize negative impacts. DWEE will be notified as soon as possible but no later than 24 hours following the discharge event. (Title 117 4-003.01 and Title 126 18-002)
4. Should permanent impact to wetlands or streams exceed an area greater than that noted above due to project activities, notify our office in writing immediately. Any such loss may require additional compensatory mitigation. (Title 117 3.001)
5. Riprapping activities should employ controls to reduce the sediment concentration of any water returning to the stream or river. If concrete is used as riprap, it shall be clean and free of exposed rebar, asphalt, and any other potential contaminants.
6. Compliance with all conditions of the Federal § 404 Permit, and other state and Federal Permits must be met.

If conducted in accordance with the conditions listed above, this activity will not violate the water quality standards of all temporary and permanently impacted Title 117 waterbodies. If a waterbody does not have a designated use, Title 117 requires that they be protective of the downstream uses of designated waterbodies and does not allow direct discharges into lakes or impoundments, except as authorized by National Pollutant Discharge Elimination System (NPDES) permits.

If the area of disturbance will be greater than 1.0 acre, we remind the applicant that a NPDES Construction Stormwater Permit will be required under §402 of the Clean Water Act. For more information and to apply online, please go to: <https://dee.nebraska.gov/permitting/online-general-permit/construction-storm-water>

In addition, Title 117 includes an antidegradation provision to ensure that the quality of surface waters is to be maintained and protected consistent with the uses applied under Title 117 standards, and water quality degradation which would adversely affect existing uses will not be allowed. If the proposed project activities may impact waters of the State, not specifically identified as WOTUS, we encourage you to contact the department's 401 Coordinator for a voluntary review to evaluate impacts to State waters and how best to comply with state water quality standards.

We, therefore, by this letter, provide §401 Water Quality Certification. This certification does not constitute authorization to conduct your project, nor does it supersede additional local, state, federal, or Tribal permits as required by law. It is a statement of compliance with Nebraska Surface Water Quality Standards only, which is one requirement to gain authorization from the U.S. Army Corps of Engineers in the form of a §404 permit. If you have any questions, please feel free to call our 401 Coordinator, Jessica Russell, at (402) 471-2875. Thank you for your assistance in Nebraska Department of Water, Energy, and Environment's review of your project.

Pursuant to the Delegation Memorandum dated February 26, 2026, and signed by the Chief Water Officer, the undersigned hereby executes this document on behalf of the Nebraska Department of Water, Energy, and Environment.

Sincerely,

A handwritten signature in blue ink, reading "Jennifer J. Schellpeper". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jennifer J. Schellpeper
Administrator
DWEE Integrated Water Planning Division

ECC: Brett Harbison, U.S. Army Corps of Engineers
• Brett.Harbison@usace.army.mil
Brooke Stansberry, U.S. Fish & Wildlife Service
• brooke_stansberry@fws.gov
Ruby Micek, Nebraska Game & Parks Commission
• Ruby.Micek@nebraska.gov
Gabriel DuPree, U.S. Environmental Protection Agency
• dupree.gabriel@epa.gov
Arlon Strahm, Mainelli Wagner & Associates
• astrahm@mwaeng.com

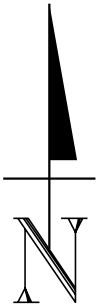
INDEX OF SHEETS

SHEET NO.	DESCRIPTION
A1	TITLE PAGE
B1	TYPICAL CROSS SECTIONS
C1	SUMMARY OF QUANTITIES
E1	ENVIRONMENTAL
F1	HORIZONTAL ALIGNMENT & ORIENTATION
G1	GENERAL INFORMATION
J1	RAIN GARDEN SECTIONS
L1	PLAN
R1 TO R2	DRAINAGE CROSS SECTIONS
W1	RIGHT OF WAY
X1 TO X6	CROSS SECTIONS

PLANS FOR CONSTRUCTION

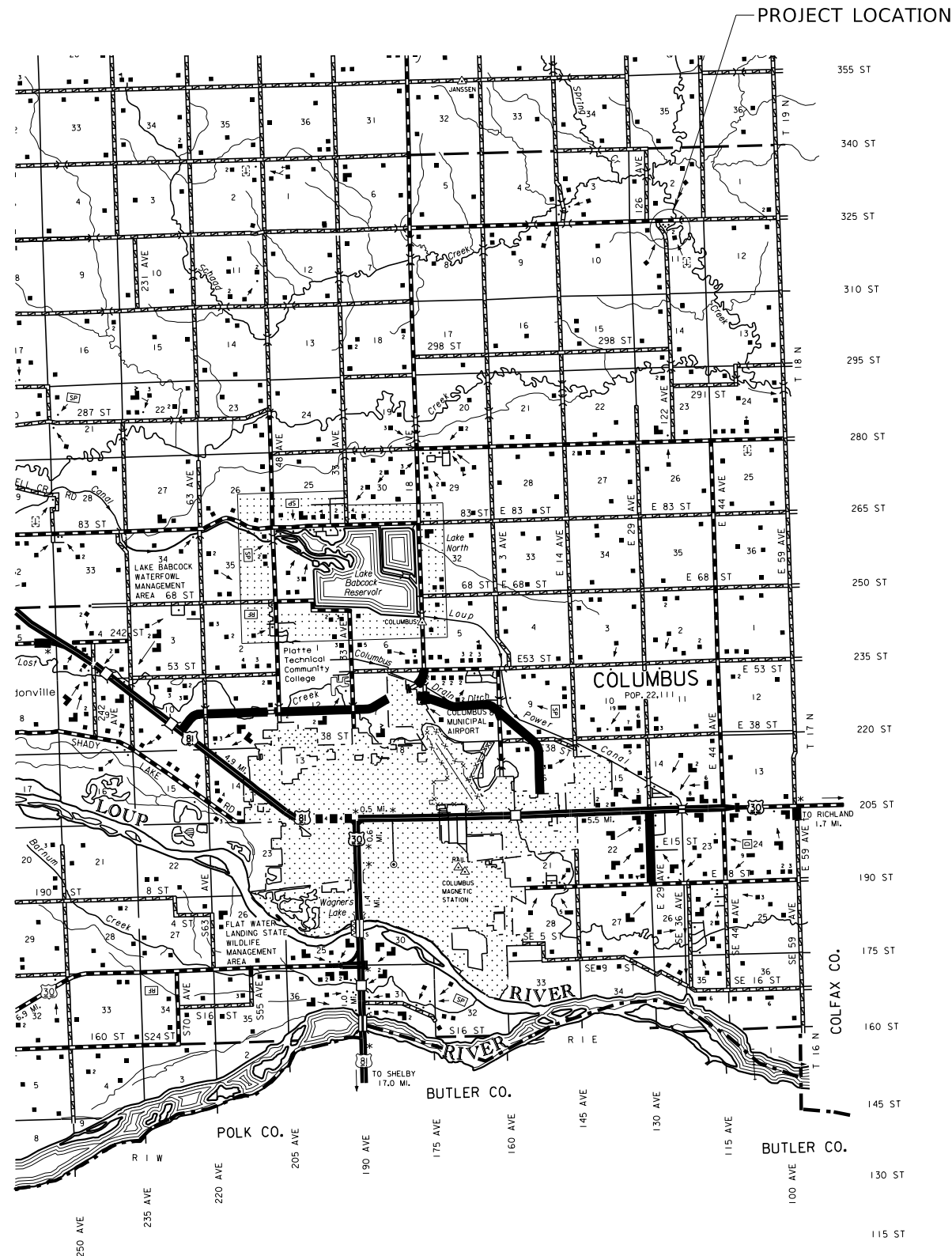
CHRIST LUTHERAN BANK STABILIZATION

PLATTE COUNTY



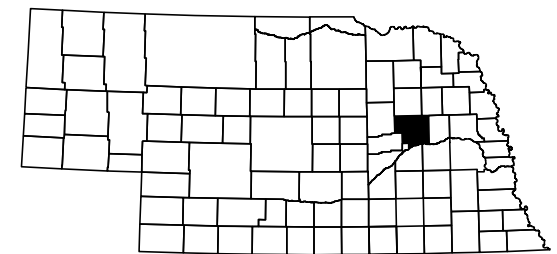
STANDARD PLANS

STANDARD PLAN NO.	DESCRIPTION
501-R7	(3 SHEETS) EROSION CONTROL
502-R2	(2 SHEETS) SILT FENCE DETAILS

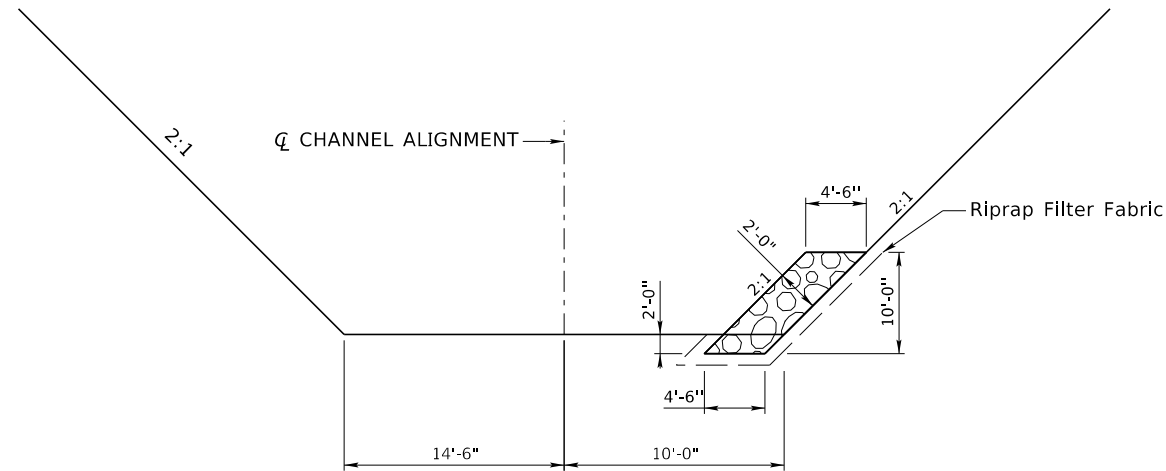


THE 2017 EDITION OF THE NEBRASKA
DEPARTMENT OF TRANSPORTATION STANDARD
SPECIFICATIONS FOR HIGHWAY CONSTRUCTION
AND THE SPECIAL PROVISIONS APPLY TO THIS
PROJECT.

HALF SIZE PLANS



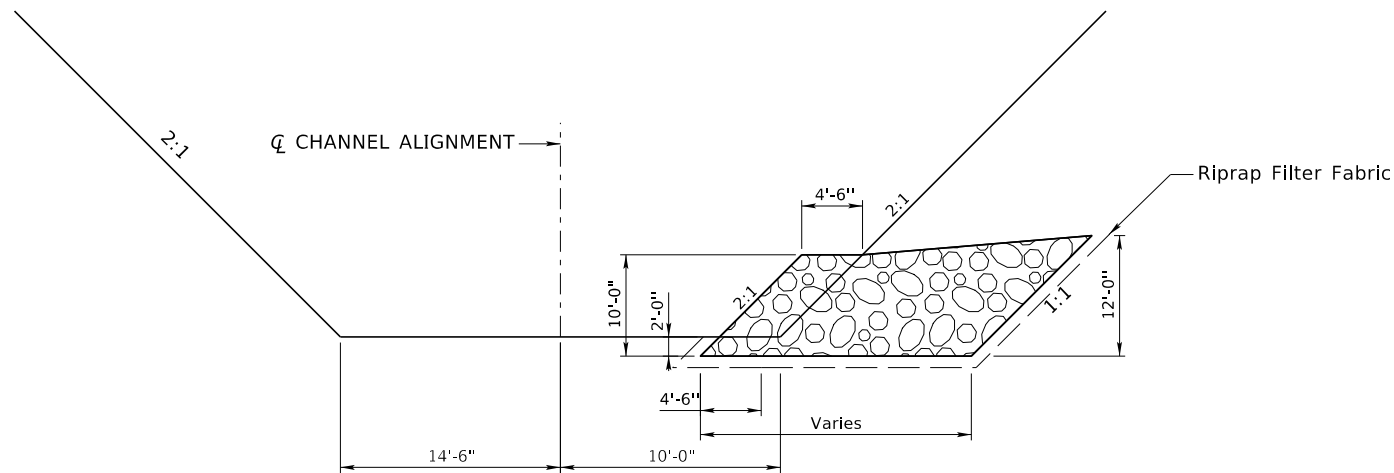
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TYPICAL CHANNEL SECTION

(EXCEPT AS SHOWN ON CROSS SECTIONS)

CHANNEL EXCAVATION SHALL BE CLASSIFIED AS
"EXCAVATION, ESTABLISHED QUANTITY".



TYPICAL CHANNEL SECTION

(EXCEPT AS SHOWN ON CROSS SECTIONS)

CHANNEL EXCAVATION SHALL BE CLASSIFIED AS
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B1

Project Number
C-71(903)

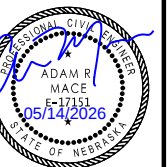
C.N.

CHRIST LUTHERAN
BANK STABILIZATION

TYPICAL CHANNEL SECTIONS
TYPICAL CROSS SECTIONS



Mainelli Wagner &
Associates, Inc.
6920 Van Dorn Street
Lincoln, NE 68506
Office: 402-421-1717
Nebraska C.O.A. CA-1137



SUMMARY OF QUANTITIES

ITEM	QUANTITY	UNIT
MOBILIZATION	1.000	LS
SITE PREPARATION	1.000	LS
ROCK RIPRAP, TYPE B	895.000	TON
RIPRAP FILTER FABRIC	1,013.000	SY
REMOVAL 2" CULVERT PIPE, TYPE 8	43.000	LF
*2" CULVERT PIPE, TYPE 8	28.000	LF
*12" CULVERT PIPE, TYPE 7	50.000	LF
*12" PERFORATED CULVERT PIPE, TYPE 7	5.000	LF
*18" CULVERT PIPE, TYPE 7	68.000	LF
EXCAVATION, ESTABLISHED QUANTITY	6,518.000	CY
FABRIC SILT FENCE, LOW POROSITY	520.000	LF
COVERCROP SEEDING	1.100	ACRE
SEEDING, TYPE B	1.100	ACRE
TEMPORARY SILT FENCE	300.000	LF

*Elbow allowance and connections shall not be paid for directly but shall be considered subsidiary to the items listed above.

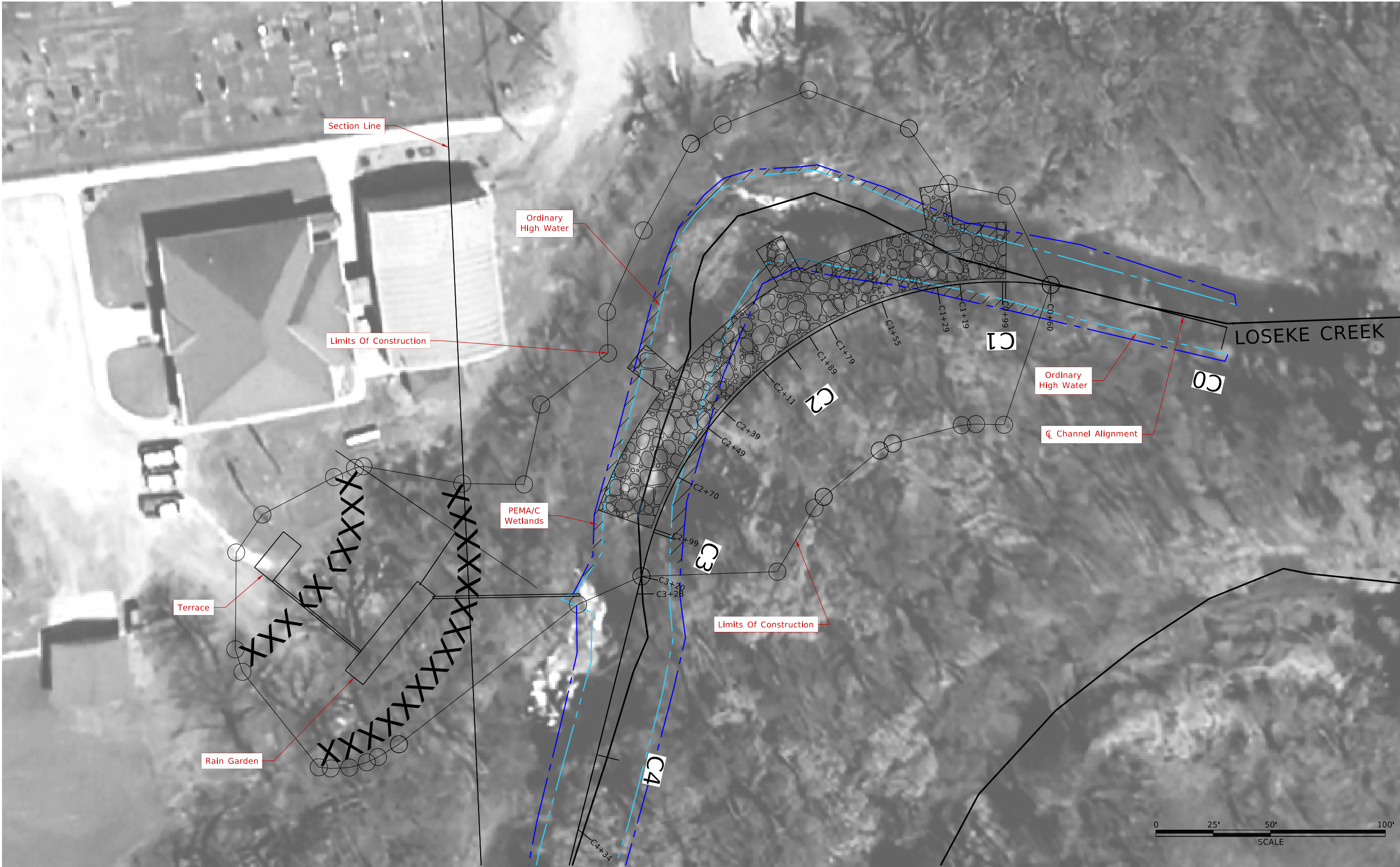
SUMMARY OF QUANTITIES



Mainelli Wagner &
Associates, Inc.
6920 Van Dorn Street
Lincoln, NE 68506
Office: 402-421-1717
Nebraska C.O.A. CA-1137



THE CONTRACTOR SHALL NOT STAGE, STORE, WASTE OR STOCKPILE MATERIALS OR EQUIPMENT IN UNDISTURBED LOCATIONS, OR IN KNOWN/POTENTIAL WETLANDS AND/OR KNOWN/POTENTIAL STREAMS THAT EXHIBIT CLEAR "BED AND BANK" CHANNEL. POTENTIAL WETLAND AREAS CONSIST OF ANY AREA THAT IS KNOWN TO POND WATER, SWAMPY AREAS OR AREAS SUPPORTING KNOW WETLAND VEGETATION (I.E. CATTAILS, BULRUSH, REED CANARY GRASS, SMARTWEED) OR AREAS WHERE THERE IS A DISTINCT DIFFERENCE IN VEGETATION (AT LOWER ELEVATIONS) FROM THE SURROUNDING UPLAND AREAS.



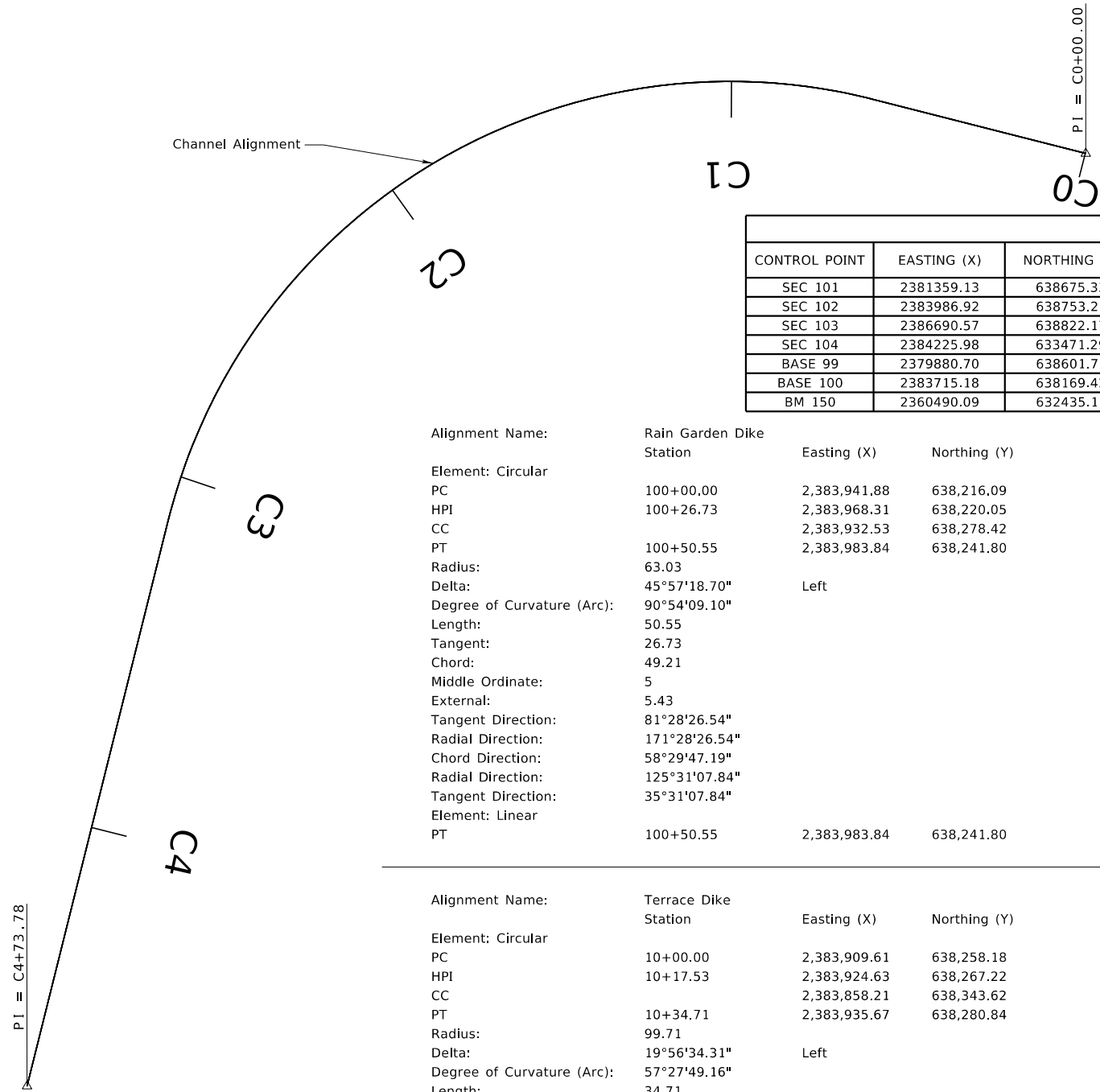
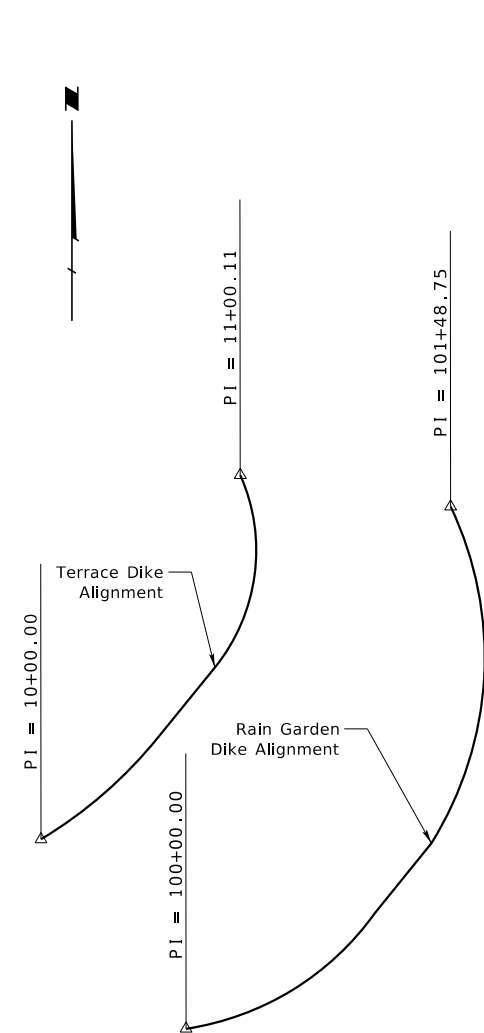
- LEGEND**
- LIMITS OF CONSTRUCTION
 - WETLANDS - DO NOT DISTURB - IMPACTED WETLANDS
 - TEMPORARY IMPACTED WETLANDS
 - SEN — SENSITIVE AREA
 - TRAIL — SENSITIVE TRAIL



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Associates, Inc.
6920 Van Dorn Street
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DATE: 14-MAY-2026 17:43



DATUM INFORMATION
HORIZONTAL VERTICAL
NAD 83 (1995) NAVD 88
D.A.F. = 1.0004051741
UNITS = US FEET

CONTROL POINT DATA						
CONTROL POINT	EASTING (X)	NORTHING (Y)	ELEVATION (Z)	STATION	OFFSET	OBJECT USED FOR STATION
SEC 101	2381359.13	638675.33	1579.09	BEYOND REFERENCE LIMITS	-	3/8" REBAR
SEC 102	2383986.92	638753.21	1480.71	BEYOND REFERENCE LIMITS	-	SURVEY MARKER
SEC 103	2386690.57	638822.17	1504.30	BEYOND REFERENCE LIMITS	-	OPEN TOP PIPE
SEC 104	2384225.98	633471.29	1544.46	BEYOND REFERENCE LIMITS	-	ALUMINUM CAP
BASE 99	2379880.70	638601.71	1609.50	BEYOND REFERENCE LIMITS	-	3/8" REBAR
BASE 100	2383715.18	638169.42	1494.41	BEYOND REFERENCE LIMITS	-	3/8" REBAR
BM 150	2360490.09	632435.11	1621.07	BEYOND REFERENCE LIMITS	-	ALUMINUM CAP IN CONCRETE

Alignment Name:	Rain Garden Dike	
Station	Easting (X)	Northing (Y)
Element: Circular		
PC	100+00.00	2,383,941.88
HPI	100+26.73	2,383,968.31
CC		2,383,932.53
PT	100+50.55	2,383,983.84
Radius:	63.03	
Delta:	45°57'18.70"	Left
Degree of Curvature (Arc):	90°54'09.10"	
Length:	50.55	
Tangent:	26.73	
Chord:	49.21	
Middle Ordinate:	5	
External:	5.43	
Tangent Direction:	81°28'26.54"	
Radial Direction:	171°28'26.54"	
Chord Direction:	58°29'47.19"	
Radial Direction:	125°31'07.84"	
Tangent Direction:	35°31'07.84"	
Element: Linear		
PT	100+50.55	2,383,983.84

PC	100+70.55	2,383,996.43	638,257.34
Tangential Direction:	39°01'30.25"		
Tangential Length:	20		
Element: Circular			
PC	100+70.55	2,383,996.43	638,257.34
HPI	101+13.30	2,384,019.06	638,293.59
CC		2,383,930.29	638,298.62
PT	101+48.75	2,384,000.67	638,332.18
Radius:	77.97		
Delta:	57°27'47.38"	Left	
Degree of Curvature (Arc):	73°29'14.87"		
Length:	78.19		
Tangent:	42.74		
Chord:	74.96		
Middle Ordinate:	9.6		
External:	10.95		
Tangent Direction:	31°58'26.04"		
Radial Direction:	121°58'26.04"		
Chord Direction:	3°14'32.35"		
Radial Direction:	64°30'38.66"		
Tangent Direction:	334°30'38.66"		

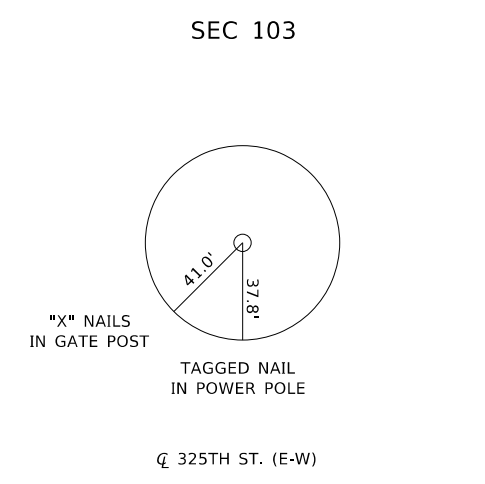
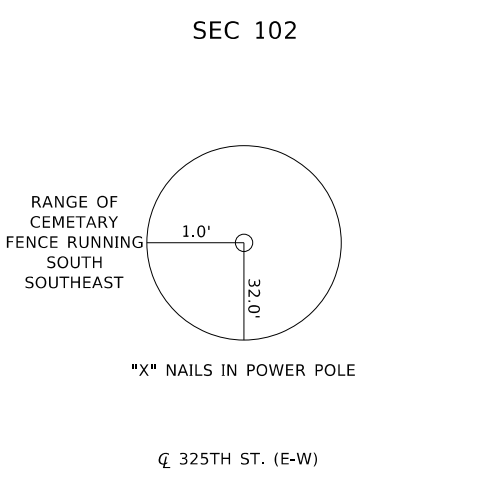
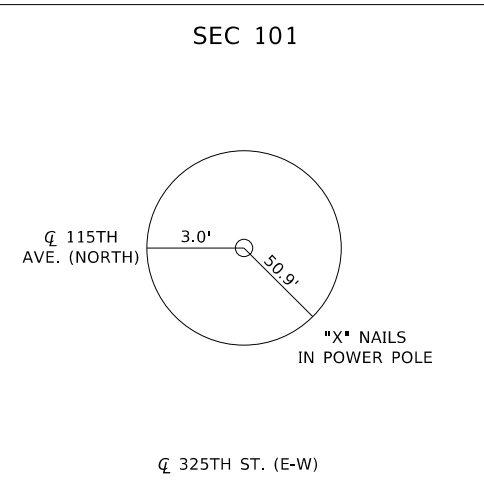
Alignment Name:	Terrace Dike	
Station	Easting (X)	Northing (Y)
Element: Circular		
PC	10+00.00	2,383,909.61
HPI	10+17.53	2,383,924.63
CC		2,383,858.21
PT	10+34.71	2,383,935.67
Radius:	99.71	
Delta:	19°56'34.31"	Left
Degree of Curvature (Arc):	57°27'49.16"	
Length:	34.71	
Tangent:	17.53	
Chord:	34.53	
Middle Ordinate:	1.51	
External:	1.53	
Tangent Direction:	58°58'04.56"	
Radial Direction:	148°58'04.56"	
Chord Direction:	48°59'47.41"	
Radial Direction:	129°01'30.25"	
Tangent Direction:	39°01'30.25"	
Element: Linear		
PT	10+34.71	2,383,935.67

PC	10+54.71	2,383,948.26	638,296.38
Tangential Direction:	39°01'30.25"		
Tangential Length:	20		
Element: Circular			
PC	0+54.71	2,383,948.26	638,296.38
HPI	0+80.01	2,383,964.19	638,316.03
CC		2,383,916.16	638,322.40
PT	11+00.11	2,383,953.93	638,339.16
Radius:	41.33		
Delta:	62°57'20.49"	Left	
Degree of Curvature (Arc):	138°38'45.18"		
Length:	45.41		
Tangent:	25.3		
Chord:	43.16		
Middle Ordinate:	6.08		
External:	7.13		
Tangent Direction:	39°01'30.25"		
Radial Direction:	129°01'30.25"		
Chord Direction:	7°32'50.01"		
Radial Direction:	66°04'09.76"		
Tangent Direction:	336°04'09.76"		

Alignment Name:	Channel Alignment	
Alignment Description:	Alignment\Channel\Channel Align	
Alignment Style:	Station	Northing (Y)
Element: Linear		
START	C0+00.00	2,384,338.50
PC	C0+60.61	2,384,279.77
Tangential Direction:	284°17'24.34"	638,417.32
Tangential Length:	60.61	
Element: Circular		
PC	C0+60.61	2,384,279.77
HPI	C2+21.35	2,384,124.00
CC		2,384,240.28
PT	C3+12.68	2,384,085.04
Radius:	160	
Delta:	90°15'54.08"	Left

Degree of Curvature (Arc):	35°48'35.50"
Length:	252.07
Tangent:	160.74
Chord:	226.8
Middle Ordinate:	47.12
External:	66.8
Tangent Direction:	284°17'24.34"
Radial Direction:	14°17'24.34"
Chord Direction:	239°09'27.29"
Radial Direction:	284°01'30.25"
Tangent Direction:	194°01'30.25"
Element: Linear	
PT	C3+12.68
END	C4+73.78
Tangential Direction:	194°01'30.25"
Tangential Length:	161.1

2,384,085.04 638,301.05
2,384,046.00 638,144.75



F1

Project Number
C-71(903)

C.N.

CHRIST LUTHERAN
BANK STABILIZATION

HORIZONTAL ALIGNMENT & ORIENTATION



Mainelli Wagner &
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DATE: 14-MAY-2026 17:43

CULVERT PIPE LEGEND		
TYPE		DESCRIPTION
1	RCSP	Reinforced Concrete Sewer Pipe
2	RCP	Reinforced Concrete Pipe
3	GCCMP	Galvanized (zinc) Coated Corrugated Metal Pipe
4	ACCMP	Aluminum Coated Corrugated Metal Pipe
5	PCCMP	Polymer Coated Corrugated Metal Pipe
6	HDPE-CI	High Density Polyethylene (corrugated interior)
7	HDPE-SI	High Density Polyethylene (smooth interior)
8	PVC	Polyvinyl Chloride Pipe

ALL ROCK SHALL BE DELIVERED AND PLACED IN A MANNER THAT WILL INSURE THAT THE INSTALLED MEASURES ARE REASONABLY HOMOGENEOUS WITH THE LARGER ROCKS UNIFORMLY DISTRIBUTED AND FIRMLY CONTACT WITH ONE ANOTHER WITH THE SMALLER ROCKS FILLING THE VOIDS BETWEEN THE LARGER ROCKS. LARGER ROCK SHALL BE PLACED AT THE TOE OF THE ROCK PROTECTION MEASURES TO FORM A STABLE BASE. END-DUMPING OF ROCKS WITHOUT ANY FURTHER COMPACTIVE EFFORT TO ENSURE CONSOLIDATION IS NOT AN ACCEPTABLE METHOD OF CONSTRUCTION.

ANY EXCESS MATERIAL WILL BE DISPOSED OF BY THE CONTRACTOR AS APPROVED BY THE ENGINEER. IF ADDITIONAL MATERIAL IS REQUIRED FOR FINAL GRADING, THE CONTRACTOR WILL BE REQUIRED TO OBTAIN THE NECESSARY SUITABLE MATERIAL FROM A SITE APPROVED BY THE ENGINEER.

UPON COMPLETION OF THE GRADING OPERATIONS EROSION CONTROL, CLASS 1D SHALL BE APPLIED TO ALL AREAS DISTURBED BY THE GRADING OPERATIONS WITHIN PROJECT RIGHT-OF-WAY AND EASEMENTS LIMITS AND SHALL BE PERFORMED BY THE CONTRACTOR AS DIRECTED BY THE PROJECT MANAGER.

THE LOCATIONS OF ALL AERIAL AND UNDER-GROUND UTILITY FACILITIES MAY NOT BE INDICATED IN THESE PLANS. UNDERGROUND UTILITIES, WHETHER INDICATED OR NOT WILL BE LOCATED AND FLAGGED BY THE UTILITIES AT THE REQUEST OF THE CONTRACTOR.

NO EXCAVATION WILL BE PERMITTED IN THE AREA OF THE UNDERGROUND UTILITY FACILITIES UNTIL ALL SUCH FACILITIES HAVE BEEN LOCATED AND IDENTIFIED TO THE SATISFACTION OF ALL PARTIES. THE EXCAVATION MUST BE ACCOMPLISHED WITH EXTREME CARE IN ORDER TO AVOID ANY POSSIBILITY OF DAMAGE TO THE UTILITY FACILITY.

THE CONTRACTOR WILL BE REQUIRED TO FURNISH BORROW ON THIS PROJECT.

ANY UNSUITABLE MATERIAL ENCOUNTERED DURING CONSTRUCTION MUST BE EXCAVATED AND REMOVED FROM THE SITE. THE RESULTING VOID MAY BE FILLED WITH CRUSHED ROCK OR CRUSHED CONCRETE AS DIRECTED BY THE ENGINEER. ADDITIONAL EXCAVATION WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED SUBSIDIARY TO THE ITEM "SITE PREPARATION".

COMPACTION REQUIREMENTS CLASS III (SEE SPECIFICATIONS)					
	Soil Type	Depth Below Finish Subgrade	Percent Density	Moisture Requirement	
				Min.	Max.
Embankment/Roadway Grading not to be surfaced, and Noise Wall Berm	All	All Depths	95 Min.	Opt. -3%	Opt. +2%

EARTHWORK QUANTITIES		DRIVES AND DIKES ARE NOT INCLUDED		
STATION TO STATION		DESCRIPTION	EXCAVATION AVAILABLE (cu. yds.)	EMBANKMENT (cu. yds.)
C0+60	C3+20	CHANNEL	6,338	2,933
C4+34		RAIN GARDEN	180	572
		* TOTALS	6,518	3,505

* COMPACTION FACTOR NOT INCLUDED

BUILD SILT FENCE, STANDARD PLAN NO. 502				
STATION	SIDE	LENGTH (FT)	TYPE	
C0+60 C3+20	*** RT. ▲	260	LOW POROSITY	
C0+60 C3+20	*** LT. ▲	260	LOW POROSITY	

*** PLACE 3' UP FROM TOE OF CUT SLOPE ALONG CHANNEL WORK
▲ OF CHANNEL CENTERLINE

LEGEND	
-- G --	GAS LINE
--- E ---	ELECTRICAL SERVICE
— P —	POWER LINE
— OP —	OVERHEAD POWER LINE
— SAN —	SANITARY SEWER
— SS —	STORM SEWER
— T —	TELEPHONE LINE
— TFO —	FIBER OPTIC TELE. LINE
— OT —	OVERHEAD TELEPHONE LINE
— TV —	CABLE TV LINE
— OTV —	OVERHEAD CABLE TV LINE
— W —	WATER LINE
— o —	FENCE - CHAIN LINK
— x —	FENCE - R.O.W. OR WIRE
— □ —	FENCE - WOOD
— --- —	FLOWLINE
— - —	CENTER LINE DRIVE
Ⓚ	BENCH MARK
Ⓢ	CENTER PIVOT
⦿	CONTROL POINT
≡≡≡≡≡	CULVERT
XXXXXX	DIKE
Ⓢ	GAS METER
⋈	GAS VALVE
⊕	GRID TICK
=====	GUARDRAIL
•	GUARD POST
•	GUY POLE
→	GUY WIRE
☀ OR ☐ ☀	LIGHT POLE
Ⓜ	MAILBOX
Ⓢ	MANHOLE
Ⓜ	MARSH
Ⓜ	OIL WELL
Ⓢ	PHOTO CODE POINT
Ⓢ	POWER BOX
■	POWER POLE
Ⓢ	POWER PULL BOX
—	PROPANE TANK
Ⓢ	R.O.W. MARKER
⋈	ADVANCED R.R. WARNING SIGN
⋈	RAILROAD WARNING
≡≡≡≡≡	RAILROAD TRACKS
≡≡≡≡≡	RETAINING WALL
☾	SATELLITE DISH
Ⓢ	SIGN
☀	TRAFFIC SIGNAL
☀	TRAFFIC SIGNAL/ST. LIGHT
Ⓢ	TELEPHONE BOX
Ⓢ	TELE. FIBER OPTICS BOX
Ⓢ	TELEPHONE PULL BOX
Ⓢ	TELEPHONE POLE
Ⓢ	TELEVISION BOX
== == == ==	TRAVELED WAY
☀	TREE - CONIFEROUS
☀	TREE - DECIDUOUS
☀	TREE STUMP
Ⓢ	WATER (FIRE) HYDRANT
⋈	WATER VALVE
Ⓢ	WATER METER
Ⓢ	WELL
Ⓢ	WINDMILL

G1

Project Number

C-71(903)

C.N.

CHRIST LUTHERAN
BANK STABILIZATION

GENERAL INFORMATION



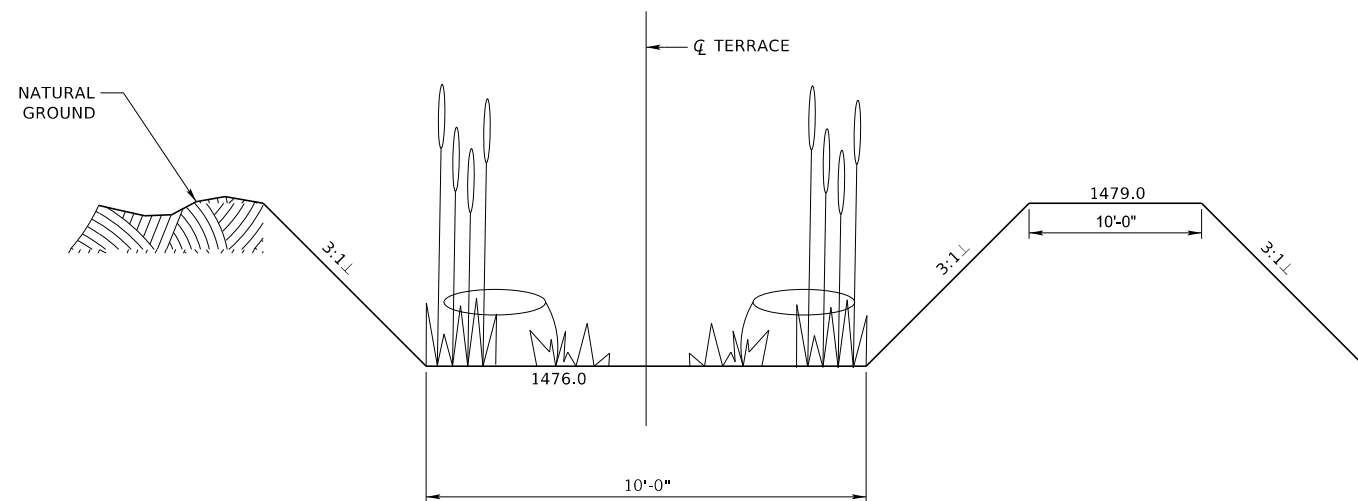
Mainelli Wagner & Associates, Inc.
6920 Van Dorn Street
Lincoln, NE 68506
Office: 402-421-1717
Nebraska C.O.A. CA-1137



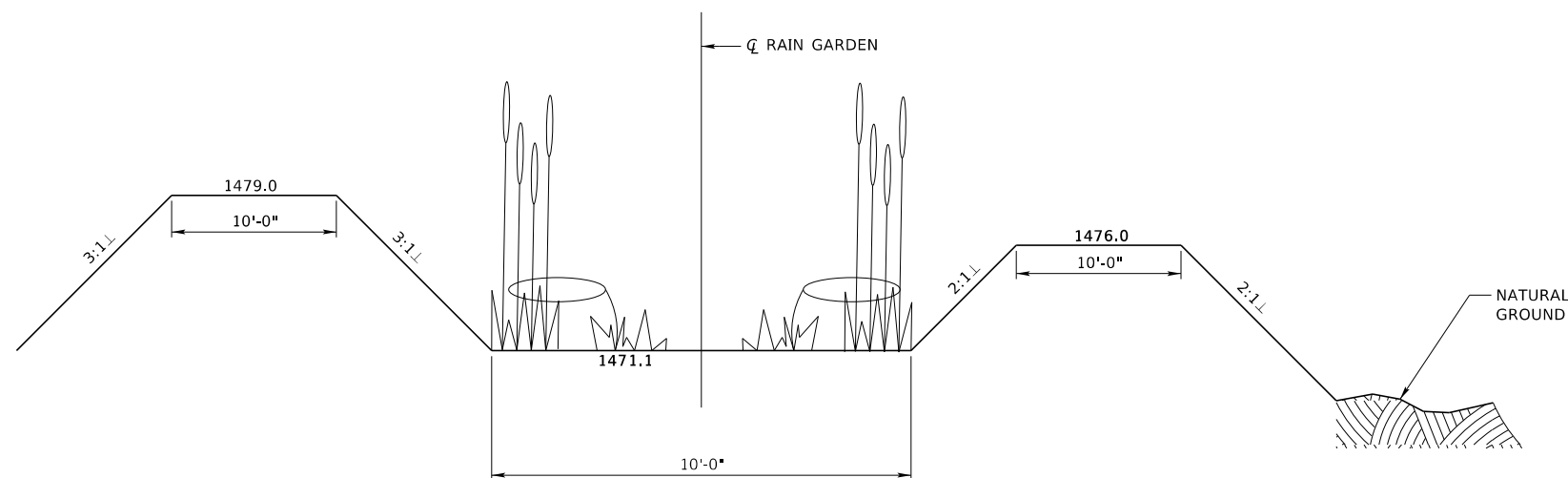
RAIN GARDEN SECTIONS



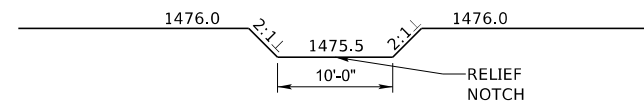
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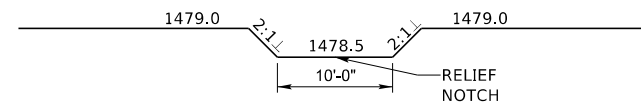
TYPICAL TERRACE SECTION
SECTION A-A



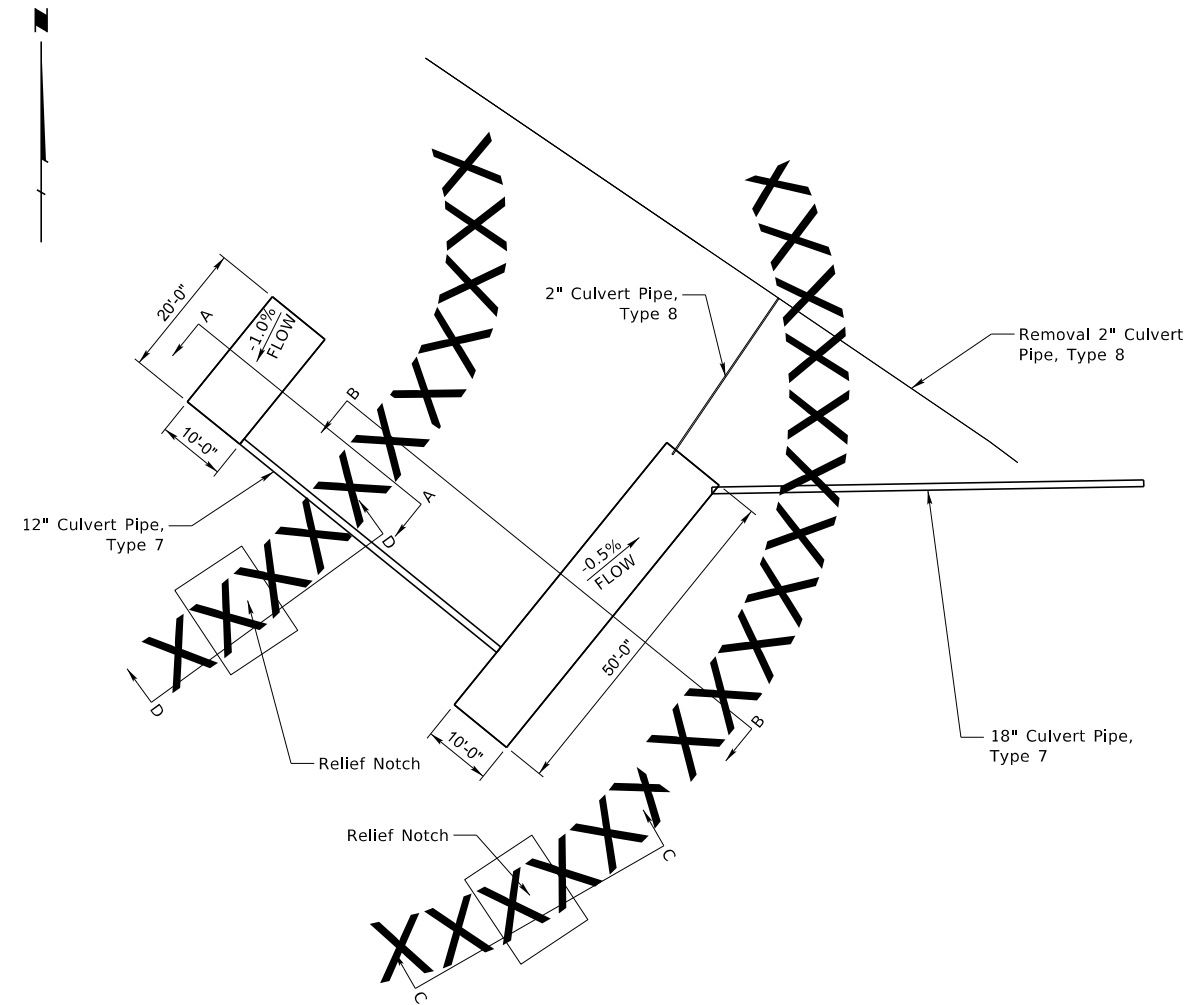
TYPICAL RAIN GARDEN SECTION
SECTION A-A



TYPICAL RAIN GARDEN SECTION
SECTION C-C



TYPICAL TERRACE SECTION
SECTION D-D



RAIN GARDEN AND
TERRACE DETAILS

SEC. 11-T18N-R1E
PAST

L1

Project Number
C-71(903)

C.N.

CHRIST LUTHERAN
BANK STABILIZATION

PLAN



Mainelli Wagner &
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Sta. C3+20.98, 83.2' Rt. to
Sta. C3+36.04, 42.9' Rt.
Remove 2"x43' Culvert Pipe,
Type 8 as Directed by the
Project Engineer.

Sta. C3+20.98, 83.2' Rt. to
Sta. C3+47.26, 92.9' Rt.
Build Single 2"x28' Culvert
Pipe, Type 8 and redirect
into the Rain Garden as
directed by the Project Engineer.

Sta. C0+99 to Sta. C2+99
Build 793 TON of Rock Riprap,
Type B on 921 SY of
Riprap Filter Fabric.

Sta. C4+34, Rt.
Build Terrace and Raingarden
on a 25° Skew (RHB)
as shown on Sheets J1 and L1.
D.A.=1.65 Ac.,Q = 15 cfs,
H.W.=4.0'

Sta. C3+09.87, 136.5' Rt. to
Sta. C3+96.78, 159.8' Rt.
Build 10' Wide Earth Dike
to Elev. = 1479.0.
See Sheet R1 for Details.

Sta. C3+60.85, 155.2' Rt. to
Sta. C3+81.56, 110.8' Rt.
Build Single 12" x 50'
Culvert Pipe, Type 7 with
12" x 2' Perforated Culvert
Pipe, Type 7 at Inlet.
See Sheet R1 for Details.

Sta. C3+06.43, 89.6' Rt. to
Sta. C4+29.81, 118.3' Rt.
Build 10' Wide Earth Dike
to Elev. = 1476.0
See Sheet R1 for Details.

Sta. C3+28
Build Single 18" x 68'
Culvert Pipe, Type 7 with
2-25° Elbows on a 15° Skew (LHB)
with 12" x 3' Perforated Culvert
Pipe, Type 7 at Inlet.
See Sheet R2 for Details.

Septic Tank
(Protect In Place)
Septic Tank
(Protect In Place)

Terrace
Section B-B

12" HDPE Pipe

Relief Notch

Rain Garden
Section A-A

Relief Notch

Tree
(Protect-In-Place)

Tree
(Protect-In-Place)

Section Line

Existing Channel
Rt. Channel Toe

TREES

Limits of Construction

Rock Riprap Layout

Lt. Channel Toe

Proposed Channel

Limits of Construction

Remove 2"x43'
Culvert Pipe,
Type 8

12" HDPE Pipe

Channel Alignment

SEC. 11-T18N-R1E

0 25' 50' 100'
SCALE

R1
Project Number C-71(903)
C.N.
CHRIST LUTHERAN BANK STABILIZATION

DRAINAGE CROSS SECTIONS



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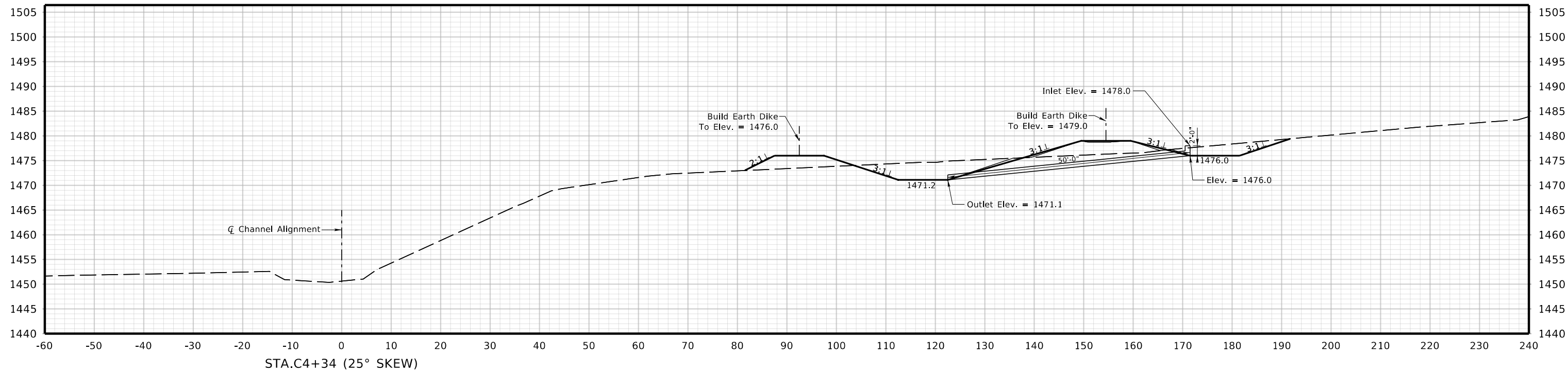


Sta. C4+34
Build Terrace and Raingarden
on a 25° Skew (RHB)
as shown on Sheets J1 and L1.
D.A.=1.65 Ac.,Q25 = 11 cfs,
H.W.=4.0'

Sta. C3+06.43, 89.6' Rt. to
Sta. C4+29.81, 118.3' Rt.
Build 10' Wide Earth Dike
to Elev. = 1476.0

Sta. C3+09.87, 136.5' Rt. to
Sta. C3+96.78, 159.8' Rt.
Build 10' Wide Earth Dike
to Elev. = 1479.0

Sta. C3+60.85, 155.2' Rt. to
Sta. C3+81.56, 110.8' Rt.
Build Single 12" x 50'
Culvert Pipe, Type 7 with
12" x 2' Perforated Culvert
Pipe, Type 7 at Inlet.



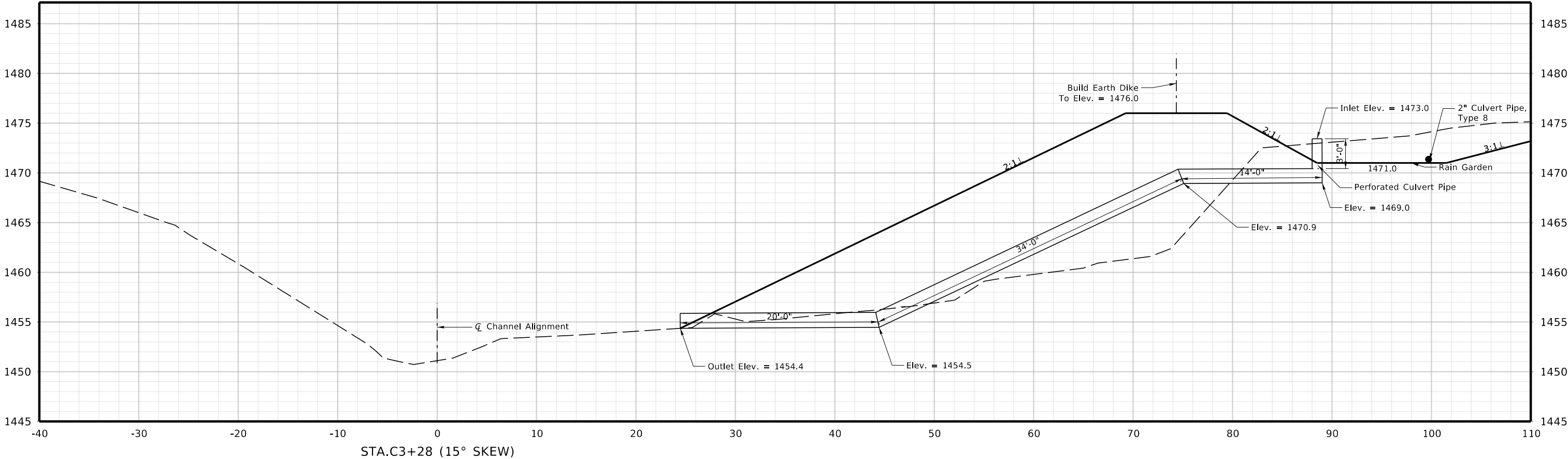


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Sta. C3+28
Build Single 18" x 68'
Culvert Pipe, Type 7 with 2-25° Elbows
on a 15° Skew (LHB)
with 12" x 3' Perforated Culvert
Pipe, Type 7 at Inlet.

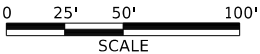
Sta. C3+06.43, 89.6' Rt. to
Sta. C4+29.81, 118.3' Rt.
Build 10' Wide Earth Dike
to Elev. = 1476.0



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SEC. 11-T18N-R1E



LEGEND

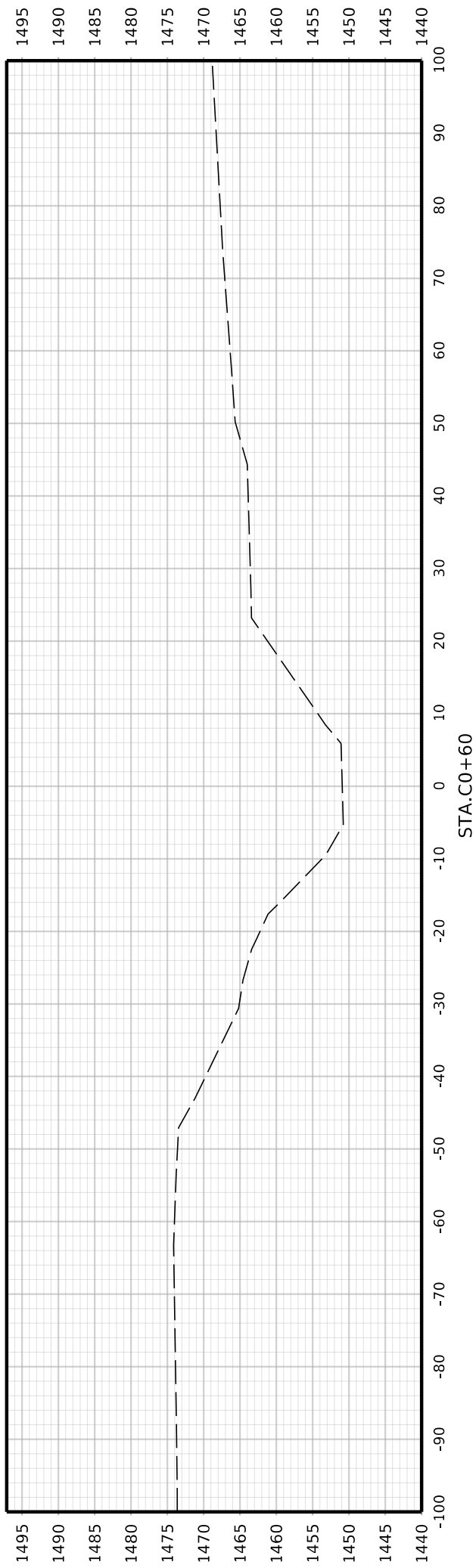
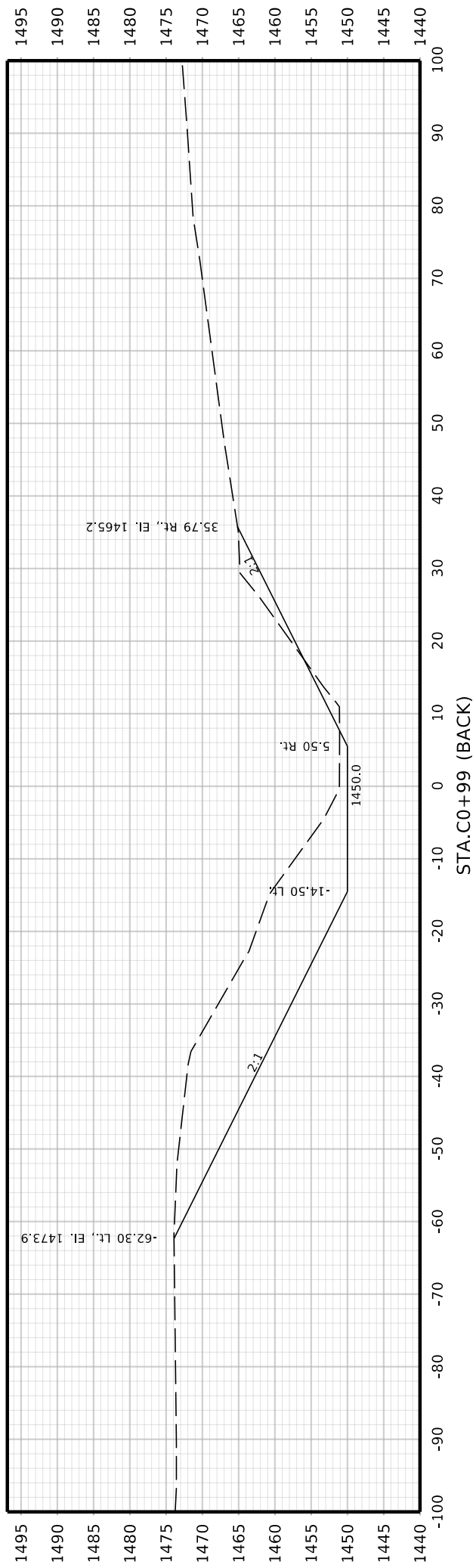
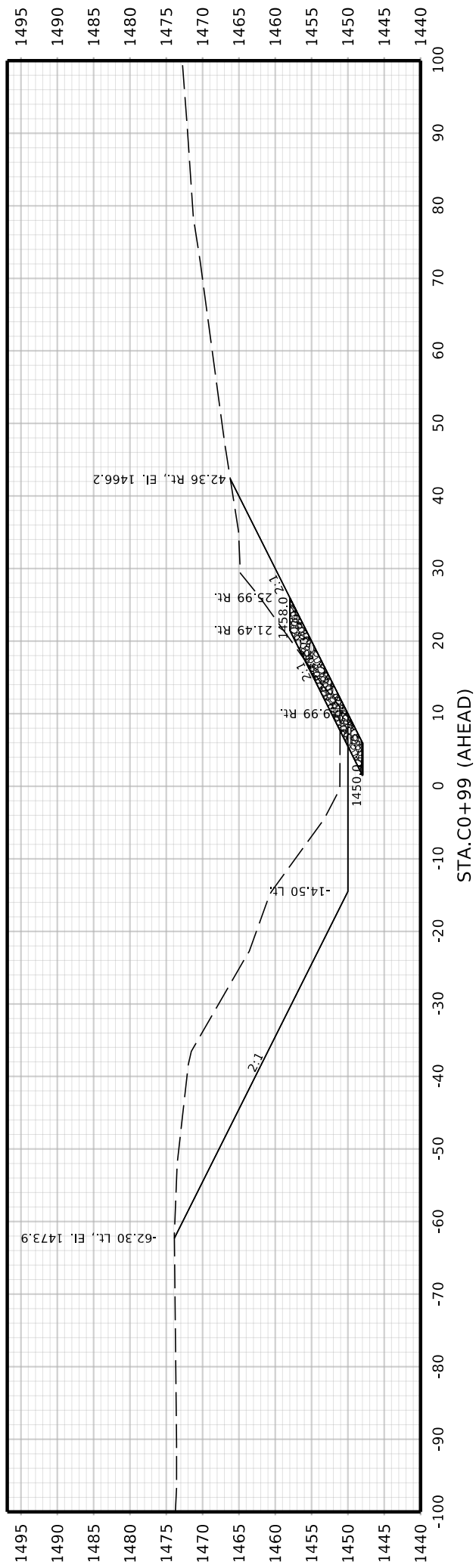
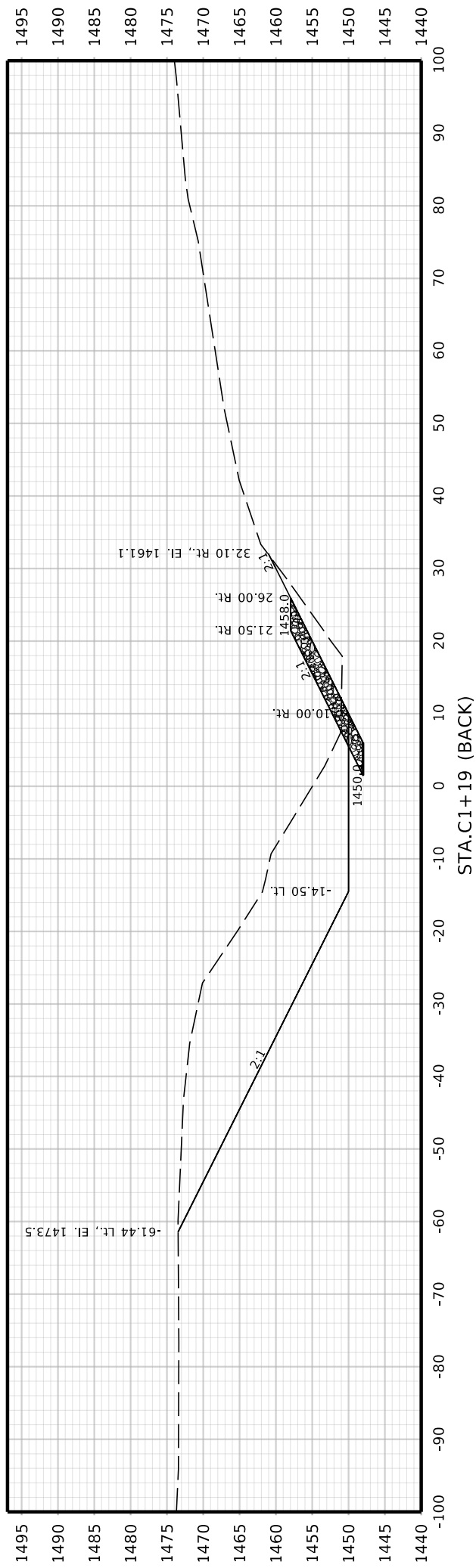
	NEW CONTROLLED ACCESS		PREVIOUS R.O.W.		NEW R.O.W.		EXCESS TAKING
	PREVIOUS CONTROLLED ACCESS		EXISTING PERMANENT EASEMENT		TEMPORARY EASEMENT		NEW RAILROAD PERMANENT EASEMENT
	LIMITS OF CONSTRUCTION		EXISTING RAILROAD EASEMENT		PERMANENT EASEMENT		NEW RAILROAD TEMPORARY EASEMENT

Previous ROW
Purchased Under Projects: N/A

DOCUMENT
VERSION DATED:
DATE: 14-MAY-2026 17:43

W1	
Project Number C-71(903)	
C.N.	
CHRIST LUTHERAN BANK STABILIZATION	
Location: CHRIST LUTHERAN BANK STABILIZATION	
ROW Project No: C-71(903)	County: PLATTE
ROW CN:	
RIGHT OF WAY	
Mainelli Wagner & Associates, Inc. 6920 Van Dorn Street Lincoln, NE 68506 Office: 402-421-1717 Nebraska C.O.A. CA-1137	

DATE: 14-MAY-2026 17:43



X1

Project Number
C-71(903)

C.N.

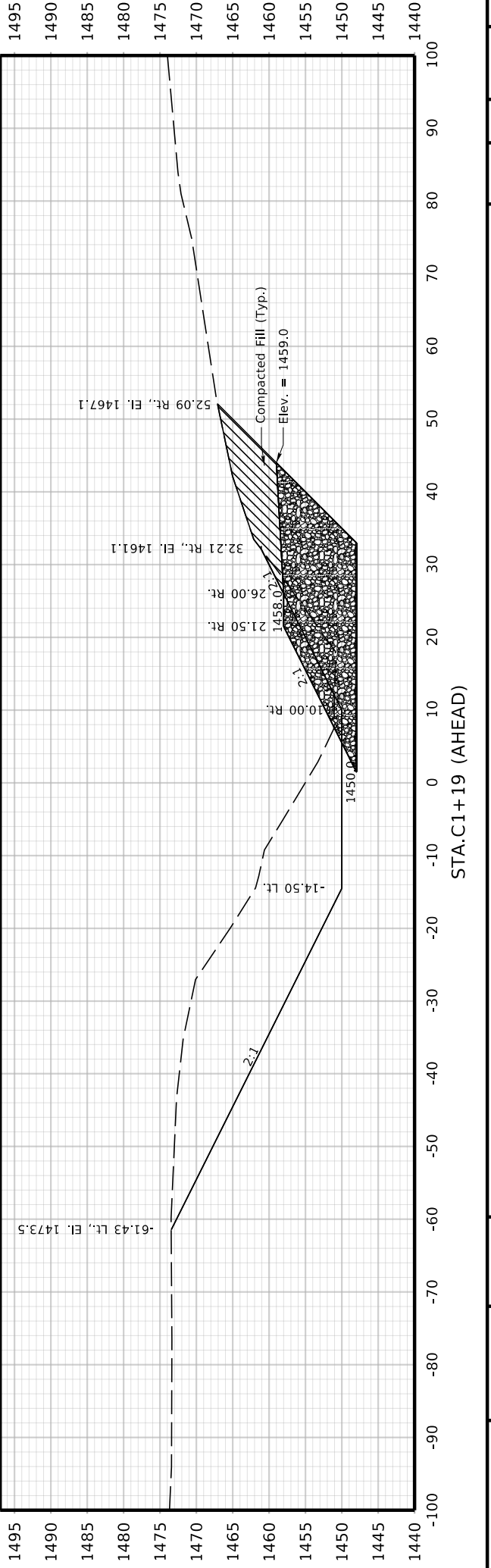
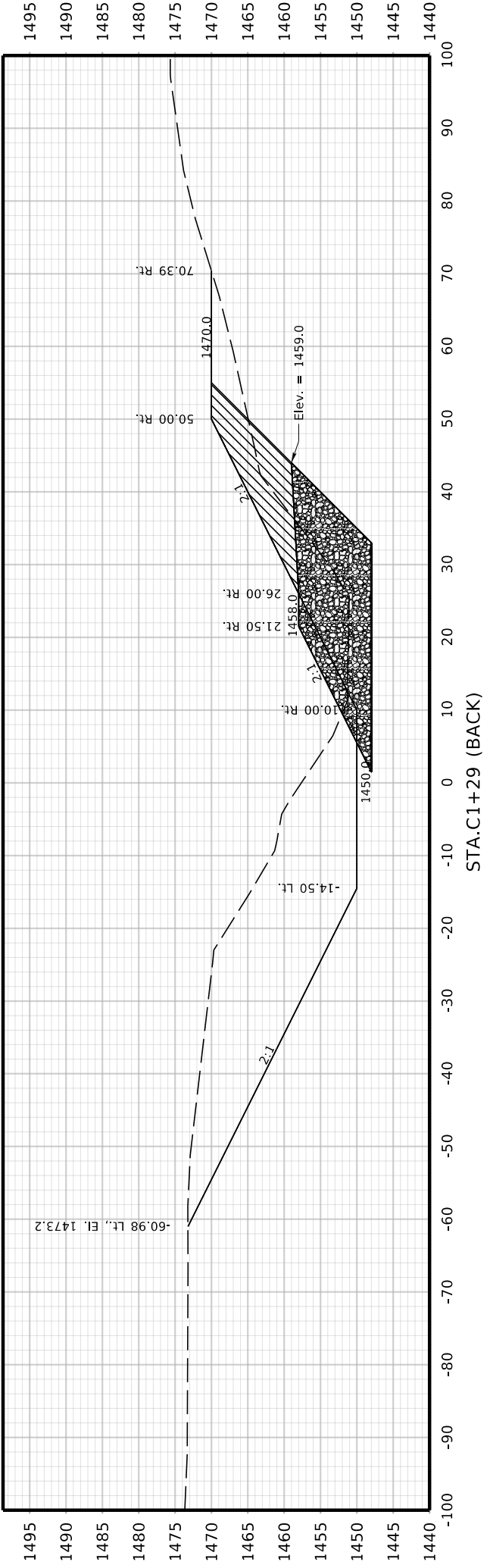
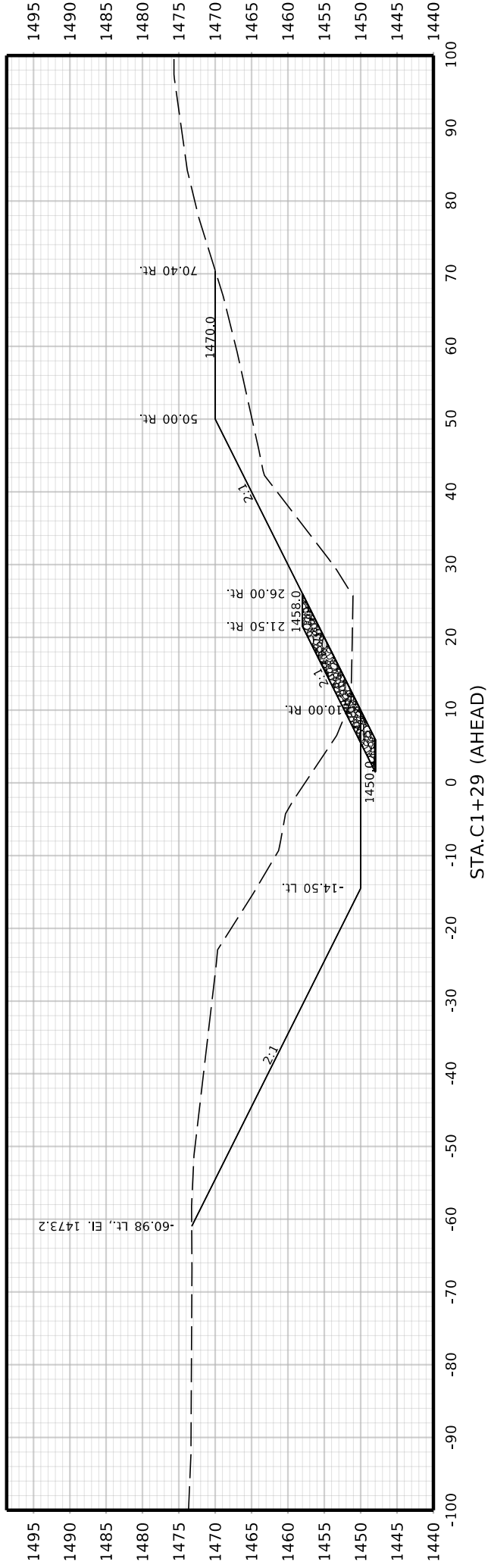
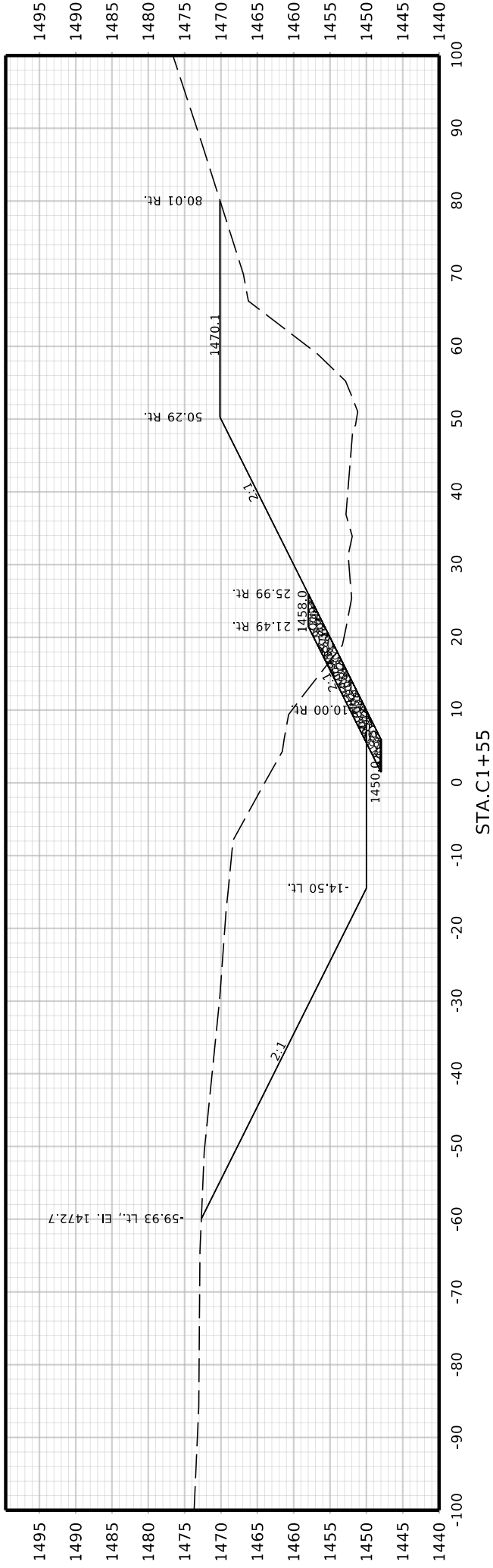
CHRIST LUTHERAN BANK STABILIZATION

CHANNEL CROSS SECTIONS

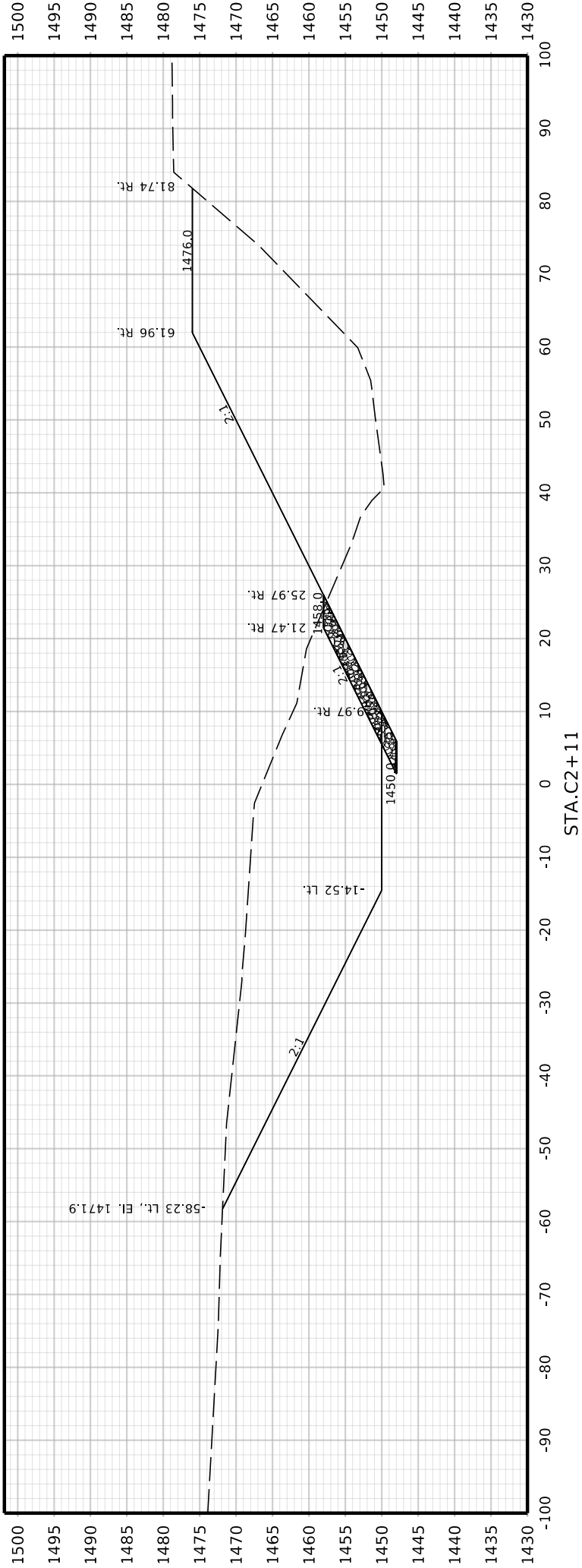
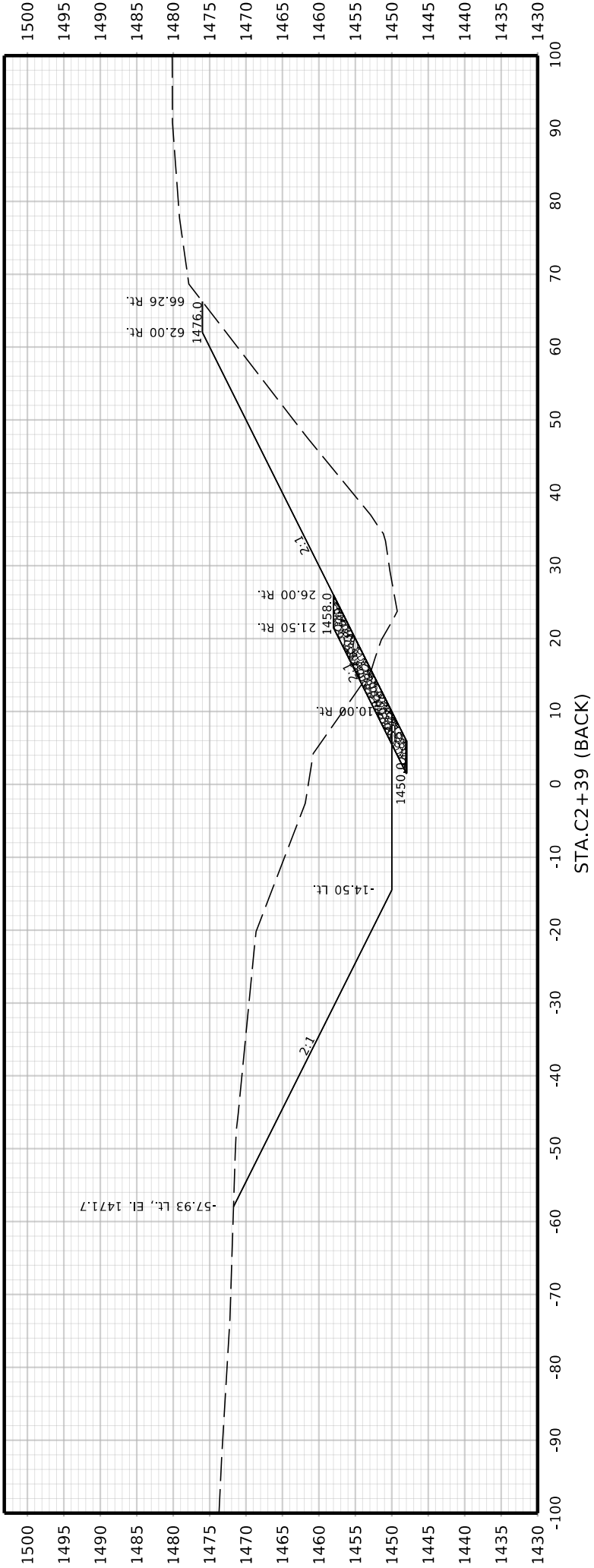
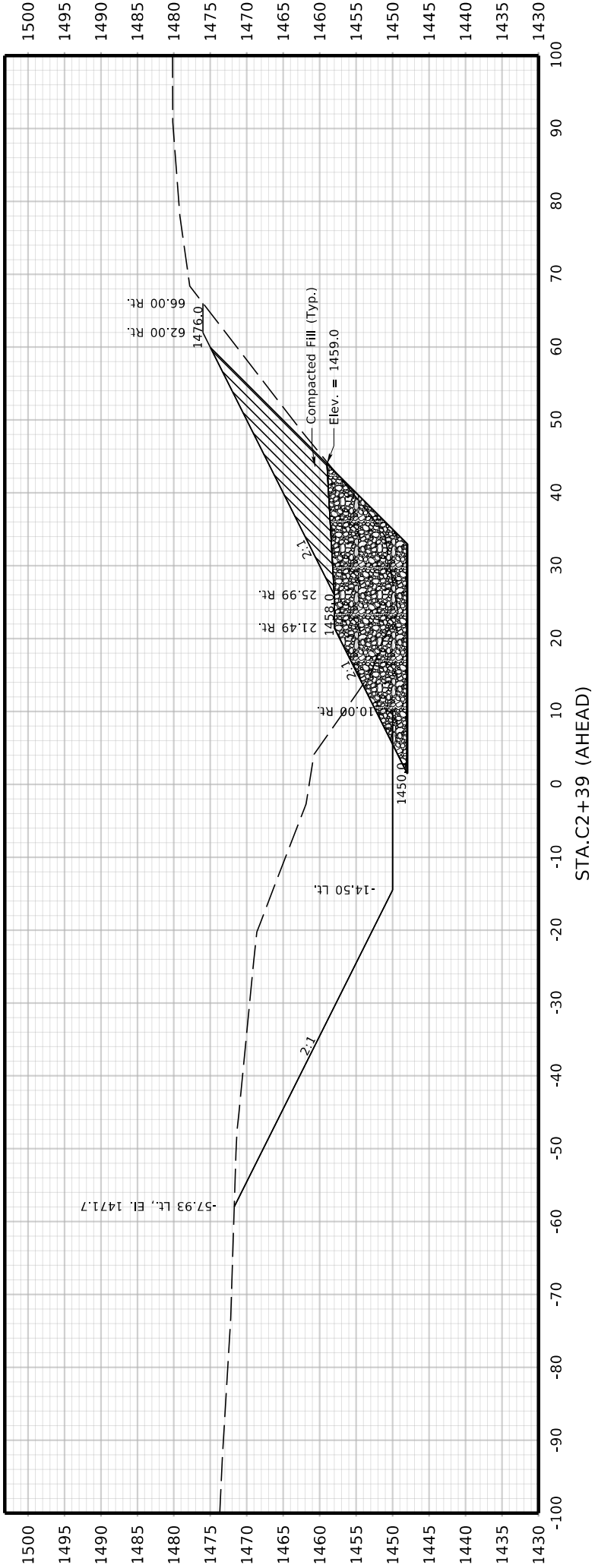


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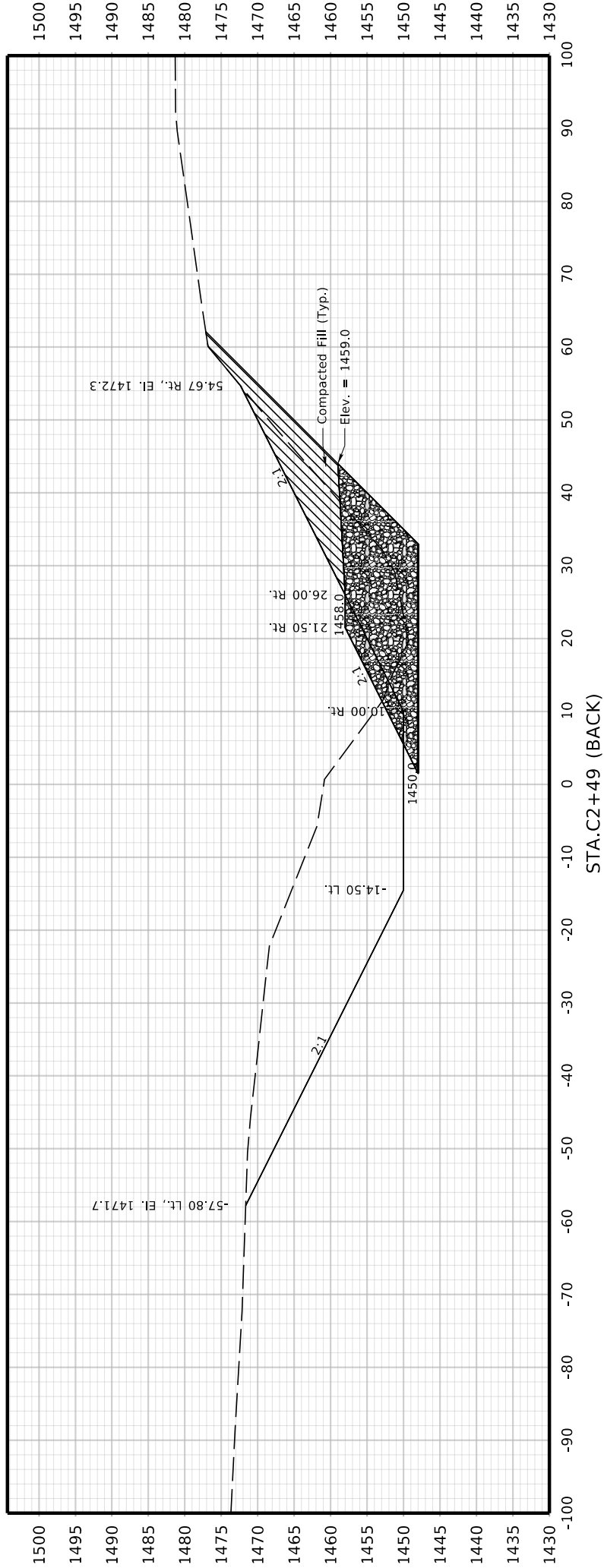
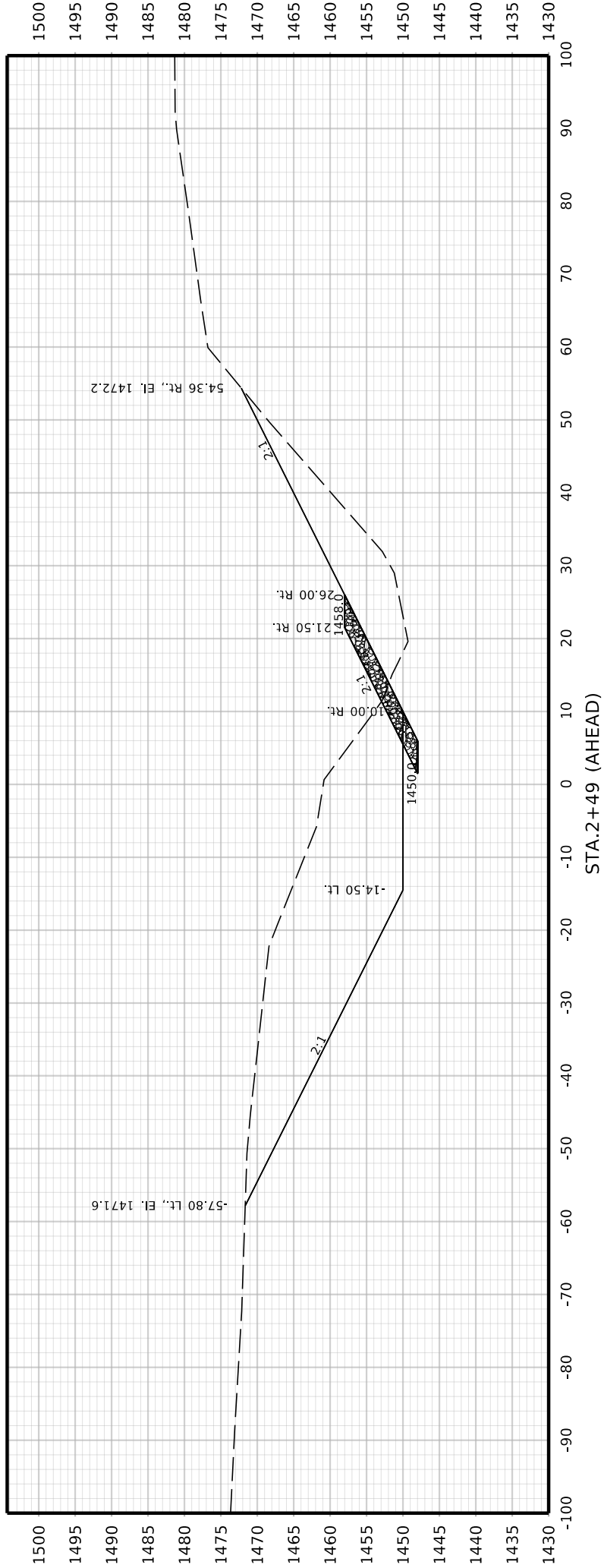
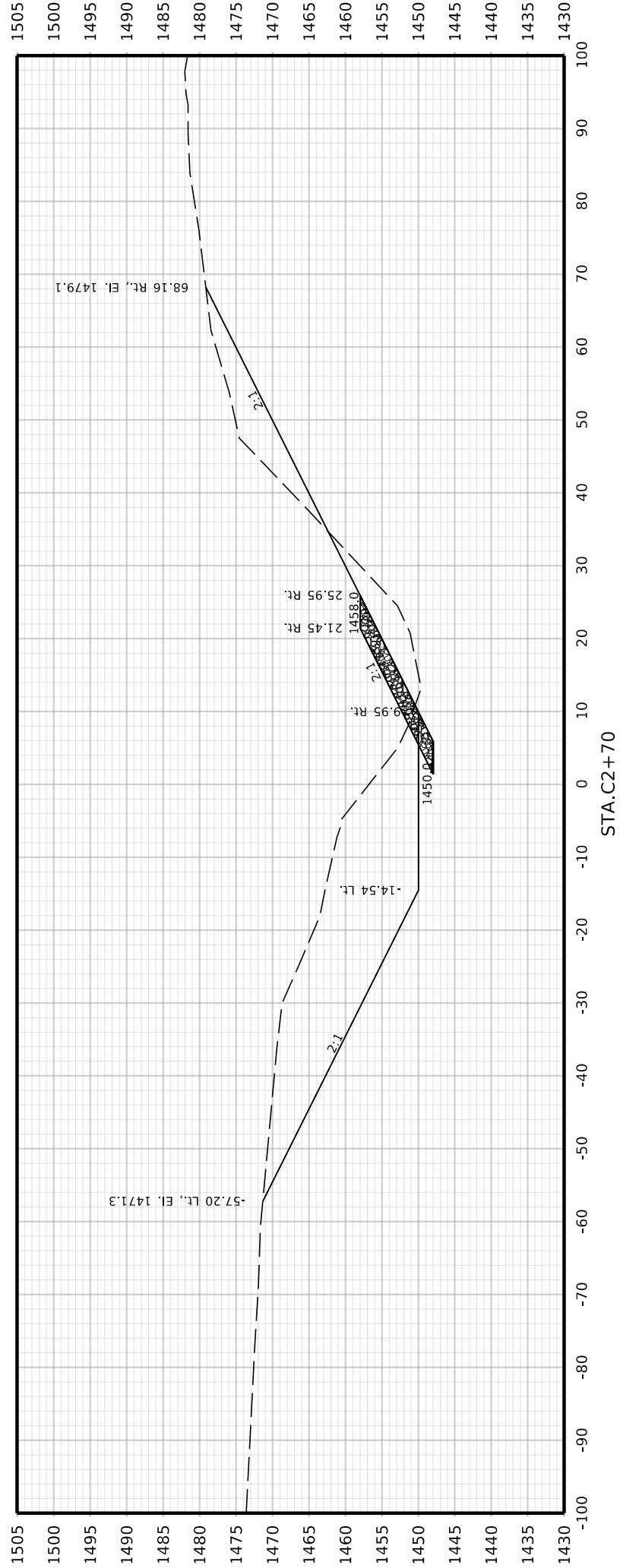




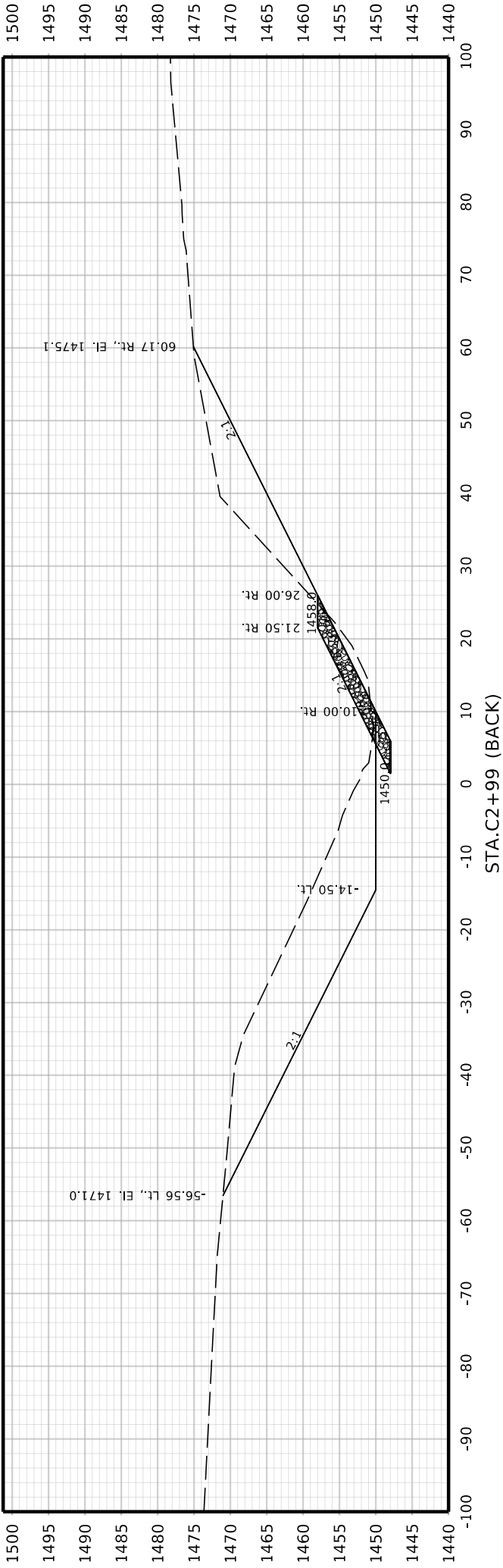
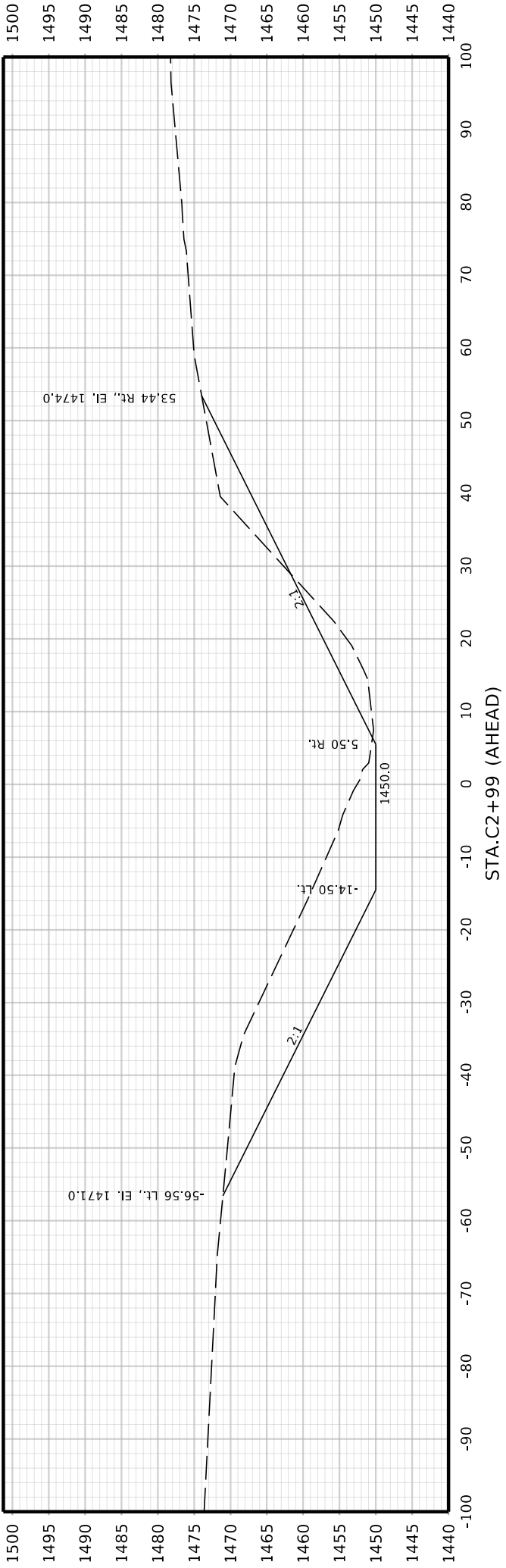
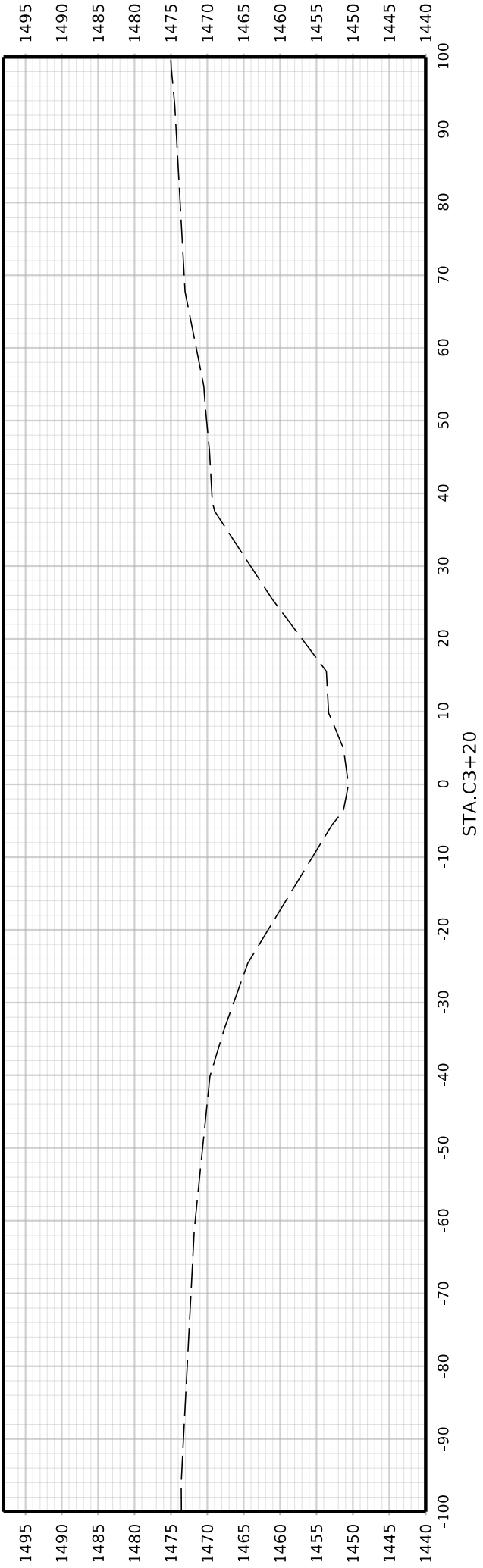
 Mainelli Wagner & Associates, Inc. 6920 Van Dorn Street Lincoln, NE 68506 Office: 402-421-1717 Nebraska C.O.A. CA-1137		CHANNEL CROSS SECTIONS		
		X2		
		Project Number C-71(903)		
		C.N. CHRIST LUTHERAN BANK STABILIZATION		



X4	
Project Number C-71(903)	
C.N.	
CHRIST LUTHERAN BANK STABILIZATION	
CHANNEL CROSS SECTIONS	
Mainelli Wagner & Associates, Inc. 6920 Van Dorn Street Lincoln, NE 68506 Office: 402-421-1717 Nebraska C.O.A. CA-1137	



X5	
Project Number C-71(903)	
C.N.	
CHRIST LUTHERAN BANK STABILIZATION	
CHANNEL CROSS SECTIONS	
Mainelli Wagner & Associates, Inc. 6920 Van Dorn Street Lincoln, NE 68506 Office: 402-421-1717 Nebraska C.O.A. CA-1137	



X6	
Project Number C-71(903)	
C.N.	
CHRIST LUTHERAN BANK STABILIZATION	
CHANNEL CROSS SECTIONS	
	
Mainelli Wagner & Associates, Inc. 6920 Van Dorn Street Lincoln, NE 68506 Office: 402-421-1717 Nebraska C.O.A. CA-1137	
	





CERTIFICATE OF PAYMENT: 018

Date of Issuance: May 26, 2026

Project: LPNNRD Wahoo Creek Watershed Sites 26A 26B and 27



Project No.: 018-3423

Contractor: Thompson Construction

DETAILED ESTIMATE		
Description	Unit Price	Extension
Refer to Attached Progress Estimate #18 thru 5-23-2026		
PLEASE REMIT PAYMENT TO: Thompson Construction 2404 N Lincoln Ave Fremont, NE 68025		
Value of Work Completed This Request:		\$ 3,039,656.00

Original Contract Value: \$ 4,314,772.70
Approved Change Orders:
No. 1 \$24,274.50
No. 2 \$0.00 5% Retainage Reduction
No. 3
Total Contract Value: \$ 4,339,047.20

Value of completed work and materials stored to date \$ 3,039,656.00
Less retainage percentage 5% \$ 151,982.80
Net amount due including this estimate \$ 2,887,673.20
Less: Estimates previously approved:

No. 1	\$153,421.65	No. 2	\$107,054.10	No. 3	\$167,139.00
No. 4	\$34,211.70	No. 5	\$116,193.60	No. 6	\$208,238.40
No. 7	\$285,587.10	No. 8	\$77,111.10	No. 9	\$70,529.40
No. 10	\$81,970.20	No. 11	\$247,589.10	No. 12	\$260,962.20
No. 13	\$185,013.90	No. 14	\$121,437.00	No. 15	\$223,621.65
No. 16	\$99,710.10	No. 17	\$147,624.30	No. 18	
No. 19		No. 20		No. 21	

Total Previous Estimates: \$2,587,414.50

NET AMOUNT DUE THIS ESTIMATE: \$ 300,258.70

The undersigned hereby certifies, based upon periodic observations as set forth in scope of work and the data included in all applicable payment applications that, to the best of its knowledge, information and belief: (1) the work has progressed as indicated in the applicable payment applications; (2) the work performed and materials delivered by Contractor are in conformance with the plans and specifications; and (3) the Contractor, in accordance with the contract, is entitled to payment as indicated above.

This certification does not constitute a warranty or guarantee of any type. Client shall hold its Contractor solely responsible for the quality and completion of the Project, including construction in accordance with the construction documents. Any duty or obligation of Olsson hereunder is for the sole benefit of the Client and not for any third party, including the Contractor or any Subcontractor.

cc: Project File
Sean Elliott - LPNNRD
Lance French - Thompson Construction

OLSSON

By: 

To: LOWER PLATTE NORTH NATURAL RESOURCES DISTRICT

From: THOMPSON CONSTRUCTION, INC.

Contract For: WAHOO CREEK WATERSHED DAM STRUCTURES 26A, 26B, AND 27

ENGINEER's Project No. 018-3423

For Work accomplished through the date of: 5/23/26

1. Original Contract Price:	\$	4,314,772.70
2. Net change by Change Orders and Written Amendments (+ or -):	\$	24,274.50
3. Current Contract Price (1 plus 2):	\$	4,339,047.20
4. Total completed and stored to date:	\$	3,039,656.00
5. Percent of Project Completed	64%	
6. Retainage (per agreement):		
5% of completed Work and Stored Materials:	\$	151,982.80
(10% of the first 50% of work completed & stored)		
Total Retainage:	\$	151,982.80
7. Total completed and stored to date less retainage (4 minus 6):	\$	2,887,673.20
8. Less previous Application for Payments:	\$	2,587,414.50
9. DUE THIS APPLICATION (7 MINUS 8):	\$	300,258.70

Accompanying Documentation:

CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied on account to discharge CONTRACTOR's legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered 1 through 1 inclusive; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective.

Dated: 5/23/26

Thompson Construction

By:



Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Dated:

By:

APPLICATION APPROVED BY:

By:

Title:

Date:

ATTEST:

By:

Title:

Owner: LOWER PLATTE NORTH NATURAL RESOURCE DISTRICT

Date: 23-May-26

Project: WAHOO CREEK WATERSHED

TOTAL STORED: \$ 274,261.00

DAM STRUCTURES 26A, 26B, AND 27

TOTAL COMPLETED: \$ 2,765,395.00

Estimate No.: 18

Contractor: THOMPSON CONSTRUCTION INC

TOTAL PLUS STORED: \$ 3,039,656.00

Project No.: 018-3423

ITEM NO.	QTY	UNIT	DESCRIPTION	MATERIAL STORED	QTY TO DATE	UNIT PRICE	TOTAL	TOTAL PLUS STORED MATERIAL
SITE 26A								
1	1	LS	MOBILIZATION		1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
2	1	LS	CONSTRUCTION STAKING		0.8	\$ 12,000.00	\$ 9,600.00	\$ 9,600.00
3	1	EA	CONSTRUCTION ENTRANCE		1	\$ 2,625.00	\$ 2,625.00	\$ 2,625.00
4	1	LS	DEWATERING		1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
5	12	AC	GENERAL CLEARING AND GRUBBING		12	\$ 2,900.00	\$ 34,800.00	\$ 34,800.00
7	86720	CY	EARTHWORK FILL (AT 1.2 COMPACTION)		82500	\$ 3.90	\$ 321,750.00	\$ 321,750.00
8	13543	CY	EARTHWORK CUT AND SPOIL		13543	\$ 4.00	\$ 54,172.00	\$ 54,172.00
9	1047	TN	AGGREGATE 47B FINE		1230	\$ 34.00	\$ 41,820.00	\$ 41,820.00
10	8	TN	1" WASHED AGGREGATE		8	\$ 105.00	\$ 840.00	\$ 840.00
11	200	TN	C33 #8 AGGREGATE		8	\$ 55.00	\$ 440.00	\$ 440.00
12	4273	TN	CLASS B RIP RAP - STORED = 0 TONS @\$72.00 / TON	\$ -	2829	\$ 90.00	\$ 254,610.00	\$ 254,610.00
13	998	TN	3" CRUSHED AGGREGATE		568	\$ 45.00	\$ 25,560.00	\$ 25,560.00
14	1022	LF	6" PERFORATED DUAL WALL PVC		1000	\$ 23.00	\$ 23,000.00	\$ 23,000.00
15	90	LF	8" GALVANIZED STEEL PIPE		90	\$ 25.00	\$ 2,250.00	\$ 2,250.00
16	177	LF	24" RCPP PRINCIPAL SPILLWAY		178	\$ 550.00	\$ 97,900.00	\$ 97,900.00
17	2	EA	PRINCIPAL SPILLWAY PIPE SUPPORTS		2	\$ 4,000.00	\$ 8,000.00	\$ 8,000.00
18	29	CY	STRUCTURAL CONCRETE (CLASS 4000)		21	\$ 2,000.00	\$ 42,000.00	\$ 42,000.00
19	5320	LB	REINFORCING STEEL	\$ 1,000.00	3830	\$ 2.50	\$ 9,575.00	\$ 10,575.00
20	1	LS	METAL FABRICATION	\$ 6,063.00	0	\$ 11,000.00	\$ -	\$ 6,063.00
21	3	EA	SHEETPILE HEADWALL		3	\$ 1,700.00	\$ 5,100.00	\$ 5,100.00
22	24	LF	18" CCP LOW STAGE INLET PIPE		24	\$ 75.00	\$ 1,800.00	\$ 1,800.00
23	1	EA	18" CONCRETE TRASH RACK		0.5	\$ 3,000.00	\$ 1,500.00	\$ 1,500.00
24	53	LF	12" PVC DRAWDOWN PIPE		53	\$ 60.00	\$ 3,180.00	\$ 3,180.00
25	1	EA	12" BAR TRASH RACK		1	\$ 400.00	\$ 400.00	\$ 400.00
26	1	EA	12" LINE GATE	\$ -	1	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
27	2300	LF	FENCE REMOVAL(ADB ENGINEER)		2300	\$ 1.00	\$ 2,300.00	\$ 2,300.00
28	1420	LF	FENCE PLACEMENT(ADB ENGINEER)		0	\$ 8.00	\$ -	\$ -
29	2	EA	GATE		0	\$ 650.00	\$ -	\$ -
30	2	EA	BRASS CAP MONUMENTS		0	\$ 1,300.00	\$ -	\$ -
31	7.9	AC	SEEDING		0	\$ 2,400.00	\$ -	\$ -
32	2960	LF	WATTLES		0	\$ 4.00	\$ -	\$ -
33	3	EA	PERMANENT PIEZOMETER(W/ BOLLARDS)		0	\$ 8,000.00	\$ -	\$ -
34	4	EA	SETTLEMENT PLATE		4	\$ 2,500.00	\$ 10,000.00	\$ 10,000.00
35	1100	LF	TYPE B DIVERSION		0	\$ 2.40	\$ -	\$ -
36	100	LF	DRAIN TILE REMOVAL (ADB ENGINEER)		0	\$ 5.00	\$ -	\$ -
37	100	LF	DRAIN TILE PLACEMENT(ADB ENGINEER)		0	\$ 10.00	\$ -	\$ -
38	0	EA	SEPTIC TANK AND LATERAL FIELD		0	\$ -	\$ -	\$ -
39	1	LS	QUALITY CNTROL INSPECTION		0.8	\$ 6,500.00	\$ 5,200.00	\$ 5,200.00
40	150	SY	GEOTEXTILE FILTER FABRIC		0	\$ 12.00	\$ -	\$ -
TOTAL 26A				\$ 7,063.00			\$ 1,053,422.00	\$ 1,060,485.00

ITEM NO.	QTY	UNIT	DESCRIPTION	MATERIAL STORED	QTY TO DATE	UNIT PRICE	TOTAL	TOTAL PLUS STORED MATERIAL
SITE 26B								
1	1	LS	MOBILIZATION		1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
2	1	LS	CONSTRUCTION STAKING		0.8	\$ 12,000.00	\$ 9,600.00	\$ 9,600.00
3	1	EA	CONSTRUCTION ENTRANCE		1	\$ 2,560.00	\$ 2,560.00	\$ 2,560.00
4	1	LS	DEWATERING		1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
5	15	AC	GENERAL CLEARING AND GRUBBING		15	\$ 2,000.00	\$ 30,000.00	\$ 30,000.00
7	77628	CY	EARTHWORK FILL (AT1.2 COMPACTION)		30500	\$ 3.70	\$ 112,850.00	\$ 112,850.00
8	2946	CY	EARTHWORK CUT AND SPOIL		2946	\$ 4.00	\$ 11,784.00	\$ 11,784.00
9	814	TN	AGGREGATE 47B FINE		331	\$ 34.00	\$ 11,254.00	\$ 11,254.00
10	4	TN	1" WASHED AGGREGATE		4	\$ 210.00	\$ 840.00	\$ 840.00
11	205	TN	C33 #8 AGGREGATE		0	\$ 55.00	\$ -	\$ -
12	4888	TN	CLASS B RIP RAP (3292 TONS STORED @ \$72/ TON)	\$ 237,024.00	705	\$ 90.00	\$ 63,450.00	\$ 300,474.00
13	855	TN	3" CRUSHED AGGREGATE		152.1	\$ 45.00	\$ 6,844.50	\$ 6,844.50
14	961	LF	6" PERFORATED DUAL WALL PVC		430	\$ 23.00	\$ 9,890.00	\$ 9,890.00
15	90	LF	8" GALVANIZED STEEL PIPE		90	\$ 25.00	\$ 2,250.00	\$ 2,250.00
16	177	LF	24" RCPP PRINCIPAL SPILLWAY	\$ -	177	\$ 550.00	\$ 97,350.00	\$ 97,350.00
17	2	EA	PRINCIPAL SPILLWAY PIPE SUPPORTS		2	\$ 4,000.00	\$ 8,000.00	\$ 8,000.00
18	23	CY	STRUCTURAL CONCRETE (CLASS 4000)		9	\$ 2,150.00	\$ 19,350.00	\$ 19,350.00
19	4285	LB	REINFORCING STEEL	\$ 1,900.00	1700	\$ 2.50	\$ 4,250.00	\$ 6,150.00
20	1	LS	METAL FABRICATION	\$ 6,063.00	0	\$ 11,000.00	\$ -	\$ 6,063.00
21	3	EA	SHEETPILE HEADWALL	\$ -	3	\$ 1,700.00	\$ 5,100.00	\$ 5,100.00
22	24	LF	18" CCP LOW STAGE INLET PIPE		0	\$ 75.00	\$ -	\$ -
23	1	EA	18" CONCRETE TRASH RACK		0	\$ 3,100.00	\$ -	\$ -
24	64	LF	12" PVC DRAWDOWN PIPE		0	\$ 60.00	\$ -	\$ -
25	1	EA	12" BAR TRASH RACK		0	\$ 400.00	\$ -	\$ -
26	1	EA	12" LINE GATE	\$ -	1	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
27		LF	FENCE REMOVAL(ADB ENGINEER)		0		\$ -	\$ -
28		LF	FENCE PLACEMENT(ADB ENGINEER)		0		\$ -	\$ -
29		EA	GATE		0		\$ -	\$ -
30	2	EA	BRASS CAP MONUMENTS		0	\$ 1,300.00	\$ -	\$ -
31	12.5	AC	SEEDING		0	\$ 2,400.00	\$ -	\$ -
32	2985	LF	WATTLES		0	\$ 4.00	\$ -	\$ -
33		EA	PERMANENT PIEZOMETER(W/ BOLLARDS)		0		\$ -	\$ -
34	4	EA	SETTLEMENT PLATE		2	\$ 1,600.00	\$ 3,200.00	\$ 3,200.00
35	1040	LF	TYPE B DIVERSION		0	\$ 2.40	\$ -	\$ -
36	650	LF	DRAIN TILE REMOVAL (ADB ENGINEER)		0	\$ 2.00	\$ -	\$ -
37	100	LF	DRAIN TILE PLACEMENT(ADB ENGINEER)		0	\$ 26.00	\$ -	\$ -
38	1	EA	SEPTIC TANK AND LATERAL FIELD		1	\$ 13,000.00	\$ 13,000.00	\$ 13,000.00
39	1	LS	QUALITY CNTROL INSPECTION		0.7	\$ 6,500.00	\$ 4,550.00	\$ 4,550.00
40	150	SY	GEOTEXTILE FILTER FABRIC		0	\$ 12.00	\$ -	\$ -
TOTAL 26B				\$ 244,987.00			\$ 511,122.50	\$ 756,109.50

ITEM NO.	QTY	UNIT	DESCRIPTION	MATERIAL STORED	QTY TO DATE	UNIT PRICE	TOTAL	TOTAL PLUS STORED MATERIAL
SITE 27								
1	1	LS	MOBILIZATION		1	\$ 80,000.00	\$ 80,000.00	\$ 80,000.00
2	1	LS	CONSTRUCTION STAKING		0.8	\$ 12,000.00	\$ 9,600.00	\$ 9,600.00
3	1	EA	CONSTRUCTION ENTRANCE		1	\$ 2,650.00	\$ 2,650.00	\$ 2,650.00
4	1	LS	DEWATERING		1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
5	22	AC	GENERAL CLEARING AND GRUBBING		22	\$ 3,000.00	\$ 66,000.00	\$ 66,000.00
7	93619	CY	EARTHWORK FILL (AT1.2 COMPACTION)		51285	\$ 3.90	\$ 200,011.50	\$ 200,011.50
8	9265	CY	EARTHWORK CUT AND SPOIL		9265	\$ 4.00	\$ 37,060.00	\$ 37,060.00
9	990	TN	AGGREGATE 47B FINE		990	\$ 34.00	\$ 33,660.00	\$ 33,660.00
10	4	TN	1" WASHED AGGREGATE		4	\$ 105.00	\$ 420.00	\$ 420.00
11	210	TN	C33 #8 AGGREGATE		24	\$ 55.00	\$ 1,320.00	\$ 1,320.00
12	7829	TN	CLASS B RIP RAP (209 TONS STORED @ \$72 / TON)	\$ 15,048.00	5695	\$ 90.00	\$ 512,550.00	\$ 527,598.00
13	788	TN	3" CRUSHED AGGREGATE		458	\$ 45.00	\$ 20,610.00	\$ 20,610.00
14	964	LF	6" PERFORATED DUAL WALL PVC		898	\$ 23.00	\$ 20,654.00	\$ 20,654.00
15	90	LF	8" GALVANIZED STEEL PIPE		90	\$ 25.00	\$ 2,250.00	\$ 2,250.00
16	175	LF	24" RCPP PRINCIPAL SPILLWAY		176	\$ 550.00	\$ 96,800.00	\$ 96,800.00
17	2	EA	PRINCIPAL SPILLWAY PIPE SUPPORTS		2	\$ 4,000.00	\$ 8,000.00	\$ 8,000.00
18	23	CY	STRUCTURAL CONCRETE (CLASS 4000)		16	\$ 2,150.00	\$ 34,400.00	\$ 34,400.00
19	4465	LB	REINFORCING STEEL	\$ 1,100.00	3000	\$ 2.50	\$ 7,500.00	\$ 8,600.00
20	1	LS	METAL FABRICATION	\$ 6,063.00	0	\$ 11,000.00	\$ -	\$ 6,063.00
21	3	EA	SHEETPILE HEADWALL		3	\$ 1,700.00	\$ 5,100.00	\$ 5,100.00
22	24	LF	18" CCP LOW STAGE INLET PIPE		0	\$ 75.00	\$ -	\$ -
23	1	EA	18" CONCRETE TRASH RACK		0	\$ 3,100.00	\$ -	\$ -
24	63	LF	12" PVC DRAWDOWN PIPE		58	\$ 60.00	\$ 3,480.00	\$ 3,480.00
25	1	EA	12" BAR TRASH RACK		1	\$ 400.00	\$ 400.00	\$ 400.00
26	1	EA	12" LINE GATE		1	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
27	1065	LF	FENCE REMOVAL(ADD ENGINEER)		1065	\$ 1.00	\$ 1,065.00	\$ 1,065.00
28	1170	LF	FENCE PLACEMENT(ADD ENGINEER)		0	\$ 10.00	\$ -	\$ -
29		EA	GATE		0		\$ -	\$ -
30	2	EA	BRASS CAP MONUMENTS		0	\$ 1,300.00	\$ -	\$ -
31	18.4	AC	SEEDING		0	\$ 2,400.00	\$ -	\$ -
32	3735	LF	WATTLES		0	\$ 4.00	\$ -	\$ -
33	3	EA	PERMANENT PIEZOMETER(W/ BOLLARDS)		0	\$ 8,000.00	\$ -	\$ -
34	4	EA	SETTLEMENT PLATE		4	\$ 1,800.00	\$ 7,200.00	\$ 7,200.00
35	1402	LF	TYPE B DIVERSION		0	\$ 2.50	\$ -	\$ -
36	1500	LF	DRAIN TILE REMOVAL (ADB ENGINEER)		0	\$ 2.60	\$ -	\$ -
37	100	LF	DRAIN TILE PLACEMENT(ADB ENGINEER)		0	\$ 10.00	\$ -	\$ -
39	1	LS	QUALITY CNTROL INSPECTION		0.8	\$ 6,400.00	\$ 5,120.00	\$ 5,120.00
40	150	SY	GEOTEXTILE FILTER FABRIC		0	\$ 10.00	\$ -	\$ -
TOTAL 27				\$ 22,211.00			\$ 1,200,850.50	\$ 1,223,061.50

Invoice**olsson**

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

April 22, 2026
Invoice No: 575189

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

Invoice Total	\$16,253.59
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Olsson Project # B18-34230 Lower Platte North NRD Wahoo Creek Watershed & 3 Dam Sites

Professional services rendered from March 15, 2026 through April 11, 2026 for work completed in accordance with agreement.

Phase 070 Construction Oversight

Labor

	Hours	Amount	
Construction Services	109.75	11,068.80	
Project Manager	1.50	266.97	
Principal	7.25	1,602.18	
Designer	12.50	1,391.55	
CAD Operator	7.25	536.79	
Totals	138.25	14,866.29	
Total Labor			14,866.29

Reimbursable Expenses

Personal Vehicle Mileage	63.80	
Total Reimbursables	63.80	63.80

Unit Billing

Field Vehicle 1582	960.0 Miles @ 0.75	720.00	
Field Vehicle 1549	115.0 Miles @ 0.75	86.25	
Field Vehicle 1296	643.0 Miles @ 0.75	482.25	
Dispersion - Crumb			
1 Tests @ \$35/Test		35.00	
Total Units		1,323.50	1,323.50

Total this Phase **\$16,253.59**

Billing Limits

	Current	Prior	To-Date
Total Billings	16,253.59	256,039.20	272,292.79
Limit			481,603.42
Balance Remaining			209,310.63

AMOUNT DUE THIS INVOICE **\$16,253.59**

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Outstanding Invoices

Number	Date	Balance
574031	3/30/2026	18,998.20
Total		18,998.20

Email invoices to: jbreunig@lpnnrd.org; selliott@lpnnrd.org; rchapman@lpnnrd.org

Please include our invoice number(s) with your payment.

By Check: Make check payment to Olsson Inc and mail to PO Box 84608, Lincoln, NE 68501-4608

By Electronic / ACH Payment: When transferring funds, please reference the invoice number(s), Account Name Olsson Inc; Pinnacle Bank Account No. 254316; Routing (ABA) No. 104913912, Remittance Email Address: deposits@olsson.com

Questions: Contact us at (402) 458-5062 or accountsreceivable@olsson.com

Authorized By: Brian Jueneman

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

LPNNRD - Wahoo Creek Dam Sites 26A, 26B, 27

Construction Phase Services

Progress Report No.

015

Date of Invoice

4/22/2026

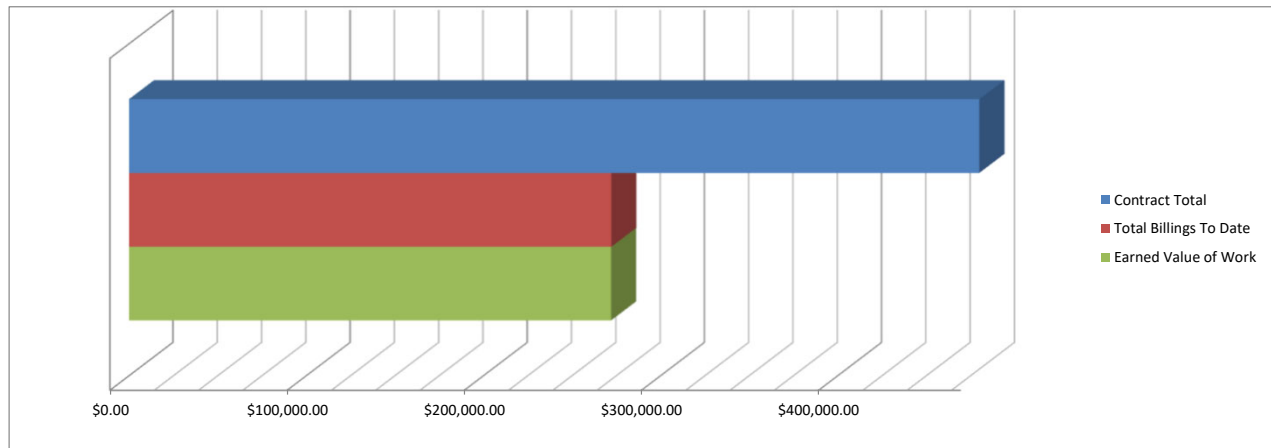
Invoice Number

575189

Olsson # B18-34230

Project Phase/Task	Estimated Cost	Prior Billings	Billings This Invoice	Total Billings To Date	Project Manager Estimated Percent Complete	Earned Value of Work Completed
Construction Management and Inspection	\$481,603.42	\$256,039.20	\$16,253.59	\$272,292.79	56.50%	\$272,105.93
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
Totals	\$481,603.42	\$256,039.20	\$16,253.59	\$272,292.79	56.50%	\$272,105.93

Amendment #4 - Approved 5-14-25



Description of Work Completed This Period

Project and Construction Management - Progress meetings, invoices/progress reports, submittal review and management, progress payments
 Construction Inspection and Testing - Site visits, contractor coordination, materials testing, cold weather concrete monitoring, project documentation, weekly reports
 Construction Engineering Support - Progress meetings, field support, site visits, settlement plate survey, septic sewer system meeting
 Construction Phase Survey (QA and As-built) - None
 Expenses - Vehicle mileage, field and laboratory testing

Anticipated Work Next Period

Project and Construction Management - Progress meetings, invoices/progress reports, submittal review and management, progress payments
 Construction Inspection and Testing - Site visits, contractor coordination, materials testing, project documentation, weekly reports
 Construction Engineering Support - Progress meetings, field support, site visits, settlement plate survey
 Construction Phase Survey (QA and As-built) - None
 Expenses - Vehicle mileage, field and laboratory testing

Information/Decisions Needed from LPNNRD

Preferred payment for work associated with settlement plate survey

Summary of Potential Out of Scope Work/Current Project Issues

Contract estimated duration vs. actual construction schedule (Amendment submitted on 4-10-25) - Resolved
 Revisions to principal spillway profile sheet C9A due to pipe manufacturer/submittal

Invoice**olsson**

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

April 20, 2026
Invoice No: 574761

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

Invoice Total	\$19,607.55
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Olsson Project # A18-34230 Lower Platte North NRD Wahoo Creek Watershed & 7 Dam Sites
Phase II

Professional services rendered March 15, 2026 through April 11, 2026 for work completed in accordance with agreement.

Phase 230 Finish Design

Labor

	Hours	Amount
Principal	13.00	2,517.71
Project Manager	47.75	8,289.02
Project Professional	1.00	156.47
Assistant Professional	1.00	111.24
CAD Operator	105.25	8,533.11
Totals	168.00	19,607.55
Total Labor		19,607.55

Total this Phase \$19,607.55

AMOUNT DUE THIS INVOICE \$19,607.55

Outstanding Invoices

Number	Date	Balance
570028	2/26/2026	24,962.55
571225	3/23/2026	11,265.49
Total		36,228.04

Authorized By: Carrie Wiese

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Progress Report for Wahoo Creek Watershed Dams Sites



Lower Platte North NRD

For Work Completed During The Month Of : March, 2026

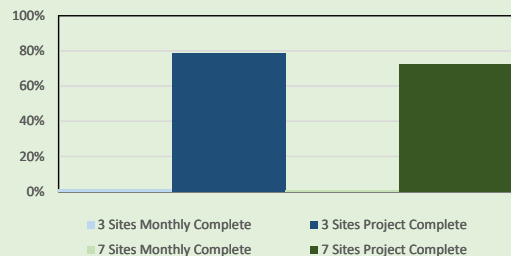
(through 04/11/2026)

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%	\$ 23,362.98	90.9%
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	\$ 507,509	\$ 16,253.59	3.2%	\$ 282,397.37	55.6%
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		0.0%	\$ 9,911.40	99.8%
3 Sites Totals	\$ 1,066,941	\$ 16,253.59	1.5%	\$ 842,923.95	79.0%

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	\$ 107,310	\$ 1,245.85	1.2%	\$ 94,360.66	87.9%
110 - Geotechnical Engineering	\$ 626,482	\$ 1,761.30	0.3%	\$ 605,433.58	96.6%
120 - Dam Design	\$ 672,426	\$ 16,364.95	2.4%	\$ 699,892.20	104.1%
130 - Permitting	\$ 253,448	\$ 235.45	0.1%	\$ 246,009.77	97.1%
140 - Survey and Legal Descriptions	\$ 114,486		0.0%	\$ 54,365.80	47.5%
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		0.0%	\$ 46,770.79	65.9%
190-Easement Documents & Survey	\$ 14,953		0.0%	\$ 15,804.30	105.7%
200- 77 Additional Evaluation	\$ 45,215		0.0%	\$ 51,857.11	114.7%
210- 90% Review	\$ 19,827		0.0%	\$ 19,192.67	96.8%
220- Depletions Calculations	\$ 14,194		0.0%	\$ 11,882.19	83.7%
220- Biological Assessment	\$ 24,720		0.0%	\$ 29,921.85	121.0%
6 Sites Totals	\$ 2,597,975	\$ 19,607.55	0.8%	\$ 1,881,390.12	72.4%

Billings For Month	\$ 35,861.14
Total Billings To Date	\$ 2,724,314.07
Project Budget	\$ 3,664,916.43
Budget Remaining	\$ 940,602.36

% Budget Spent Per Site



Summary Of Work Completed This Month	
<u>Sites 26A, 26B, & 27 (Construction)</u>	<u>Sites 55, 66, 77, 84, 85, & 86 (Design)</u>
-Ongoing construction management/oversight -Site visits, contractor coordination, materials testing, doc. -Cold weather concrete monitoring, settlement plate survey -Expenses incl. vehicle mileage, field and laboratory testing	-Ongoing project management -Site 84 revisions nearing completion for submittal to DWEE -Site 77 revisions ongoing for site submittal to DWEE -BA complete

Planned Work For Next Month	
<u>Site 26A, 26B, & 27</u>	<u>Sites 55, 66, 77, 82, 84, 85, & 86</u>
-Ongoing construction management/oversight -Site visits, contractor coordination, materials testing, doc. -Settlement plate survey -Expenses to include vehicle mileage, laboratory testing	-Finalization and submittal to DWEE for 84 and 77 -Starting bid doc prep -SWPPP sheets for 55, 84, and 77

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

Invoice**olsson**

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

May 01, 2026
Invoice No: 577639

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

Invoice Total	\$5,255.14
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Olsson Project # 023-00443

LPNNRD Wahoo Creek Watershed Flood Reduction Project Real Estate Services

Professional services rendered through April 11, 2026 for work completed in accordance with our Agreement dated February 17, 2023.

Phase 100 Real Estate Acquisitions

Labor

	Hours	Amount	
Principal	19.00	4,790.66	
CAD Designer	2.25	222.12	
Administrative/Clerical	1.25	100.26	
Totals	22.50	5,113.04	
Total Labor			5,113.04

Reimbursable Expenses

Personal Vehicle Mileage	142.10	
Total Reimbursables	142.10	142.10

Total this Phase **\$5,255.14**

Billing Limits

	Current	Prior	To-Date
Total Billings	5,255.14	233,367.94	238,623.08
Limit			268,500.00
Balance Remaining			29,876.92

AMOUNT DUE THIS INVOICE **\$5,255.14**

Outstanding Invoices

Number	Date	Balance
574115	4/3/2026	7,790.27
Total		7,790.27

Billings to Date

	Current	Prior	Total
Labor	5,113.04	211,365.46	216,478.50
Expense	142.10	21,548.90	21,691.00

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS

Project	023-00443	LPNNRD Wahoo Creek Watershed Flood		Invoice	577639
Internal Unit	0.00	453.58	453.58		
Totals	5,255.14	233,367.94	238,623.08		

Authorized By: Danielle Allen

INVOICE PAYMENT IS REQUESTED WITHIN 30 DAYS