

# Responsible Charge Training: PS&E Project Submittal

# Acronyms and Abbreviations

BRO – Off-System Bridge  
CE – Categorical Exclusion  
CN – Control Number  
DDIR – Detailed Damage Inspection Report  
DPO – Design Process Outline  
EDU – Environmental Documents Unit Coordinator  
EPU – Environmental Permits Unit Coordinator  
ER – Emergency Relief  
FHWA – Federal Highway Administration  
GIS – Geographic Information System  
HMR – Hazardous Material Report  
KMZ – File type (can be used in Google Earth to provide a location/location design)  
LAD / LPS – Local Assistance Division / Local Projects Section  
LPA – Local Public Agency  
M&R – Materials & Research  
MPO – Metropolitan Planning Organizations  
NDOT – Nebraska Department of Transportation  
NEPA – National Environmental Policy Act  
NHS – National Hwy. System  
NTP – Notice To Proceed

PC – Project Coordinator  
PCM – Project Coordination Meeting  
PDD – Project Development Division  
PDU – Plans Development Unit  
PE – Preliminary Engineering  
PIH – Plan-In-Hand  
PM – Project Manager  
RBP – Risk Based Project  
PS&E – Plans, Specifications and Estimate  
PSPM – Project Scheduling/Programming Coordinator  
RC – Responsible Charge  
RDM – Roadway Design Manual  
RDCU – Roadside Development and Compliance Unit  
ROW - Right-of-Way  
RR - Railroad  
SOS – Scope of Services  
SWPPP – Stormwater Pollution Prevention Plan  
STIP – Statewide Transportation Improvement Program  
T&E – Threatened & Endangered (Species)  
TIP – Transportation improvement Program



# Phases of Project Delivery

Clarity Scheduling System

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# Phases of Project Delivery

PHASE 1: PROGRAMMING (5100)

PHASE 2: PLANNING (5200)  
PLANNING PHASE

PHASE 3: DESIGN (5300)  
PRELIMINARY  
ENGINEERING/NEPA PHASE

PHASE 4: ENVIRONMENTAL  
APPROVAL (5400)

PHASE 5: PLAN DETAILS (5500)

PHASE 6: ROW (5600)  
ROW PHASE

PHASE 7: PLAN PACKAGE (5700)

PHASE 8: LETTING (5800)

CONSTRUCTION PHASE  
CONSTRUCTION ENGINEERING PHASE

# Phases of Project Delivery

PHASE 1: PROGRAMMING (5100)

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ROW PHASE

PHASE 7: PLAN PACKAGE (5700)

PHASE 8: LETTING (5800)

CONSTRUCTION PHASE  
CONSTRUCTION ENGINEERING PHASE

# Phases of Project Delivery

PHASE 5: PLAN DETAILS (5500)

PHASE 6: ROW (5600)  
ROW PHASE

PHASE 7: PLAN PACKAGE (5700)

PHASE 8: LETTING (5800)

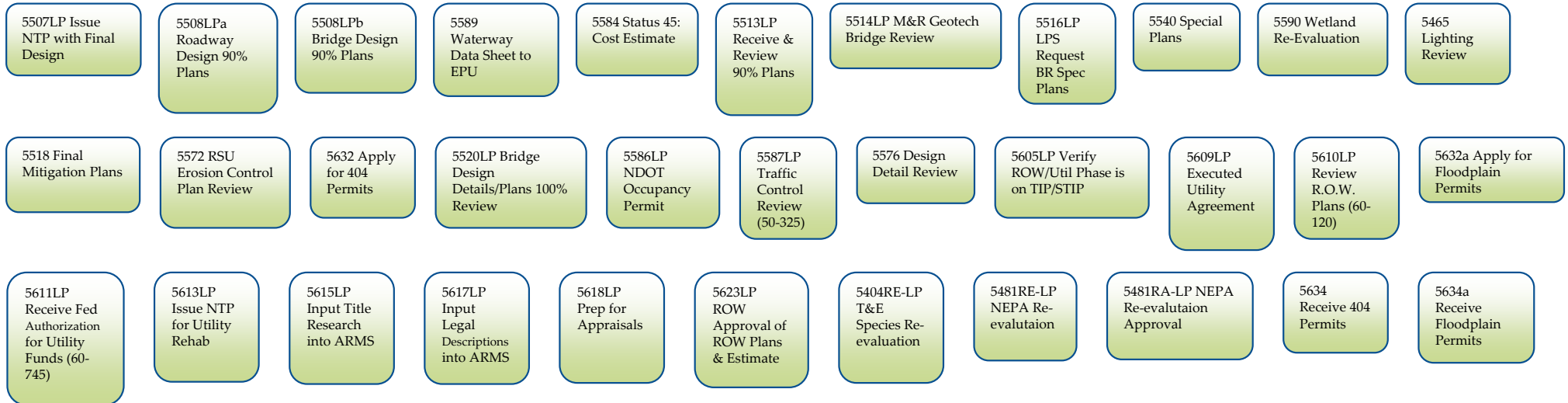
PHASE 5: PLAN  
DETAILS (5500)

PHASE 6:  
ROW (5600)  
ROW PHASE

PHASE 7: PLAN  
PACKAGE (5700)

PHASE 8:  
LETTING (5800)

# Phase 5: Plan Details (5500)



PHASE 5: PLAN  
DETAILS (5500)

PHASE 6:  
ROW (5600)  
ROW PHASE

PHASE 7: PLAN  
PACKAGE (5700)

PHASE 8:  
LETTING (5800)

# Phase 6: ROW (5600)

5625LP Receive Fed  
Authorization of  
Funds for ROW

5627LP Issue  
NTP  
w/Appraisals

5622LP Appraisals

5642 Submit RR  
Agreement/Easements

5664 R.O.W.  
Encroachment  
Completion

5626LP  
Appraisal  
Review

5628LP  
Relocation  
Study

5633LP Appraisal  
Oversight

5635LP ROW  
Approval of  
Appraisals and  
Appraisal Review

5644 Receive RR  
Agreement/Easements

5639LP Review  
and Approval of  
Relocation Study

5649LP Review and  
Approval All  
Relocation Assistance

5641LP Update ROW  
Estimate and Obligation  
Amount

5647LP Issue  
NTP for ROW  
Aquisition

5650LP Negotiations  
and Prep for  
Condemnations

5651 Review  
Final  
Acquisition  
Documents

5643LP Prepare  
LPA ROW  
Certificate

5662LP  
Relocation  
Completion

5652LPa  
Condemnation  
Packet Review

5652LPb  
Condemnation  
Completed

5654LP  
R.O.W.  
Payment

5666LP  
R.O.W.  
Certificate



PHASE 5: PLAN  
DETAILS (5500)

PHASE 6:  
ROW (5600)  
ROW PHASE

PHASE 7: PLAN  
PACKAGE (5700)

PHASE 8:  
LETTING (5800)

# Phase 7: Plan Package (5700)

5725 Summary of Quantities  
& Typical Sections

5760 RSU SWPPP Development

5742 Bridge Plans  
Verification

5702LP PS&E ROW Plan  
Review

5740RV Green Sheet Review

5730 Special Provisions -  
Pavement Design

5740 Green Sheet

5765 PDU Plan Package  
Design Modification for PS&E

5770 Project Coordination  
Meeting 90

5790 Plans Package Review

PHASE 5: PLAN  
DETAILS (5500)

PHASE 6:  
ROW (5600)  
ROW PHASE

PHASE 7: PLAN  
PACKAGE (5700)

PHASE 8:  
LETTING (5800)

# Phase 8: Letting (5800)

5815 PS&E Submittal

5735 Status of Utilities  
Report

5830 PS&E Review

5845 PS&E Corrections

5850 Blue Lines  
Submitted to PS&E

5860 Contracts Review

5875 FHWA or NDOT  
PS&E Approval


5890 LET



# Compiling The Electronic PS&E Package

Items needed for the PS&E COMPLETE Package are found mainly on the PS&E Required Sheet NDOT Form 280, May 2021.

## Other Useful References:

- Roadway Design Manual (RDM)
  - Design Process Outline (DPO)
  - LPA Guidelines Manual for Federal Aid Projects
  - Project Coordinator (PC)
- 



# Compiling The Electronic PS&E Package

- Where to find.....Other Useful References
  - PS&E Required Sheet NDOT 280
-

# NDOT Website: <https://dot.nebraska.gov/>

**NEBRASKA**  
Good Life. Great Journey.  
DEPARTMENT OF TRANSPORTATION

NEWS & MEDIA DATA PORTAL ABOUT US CAREERS CONTACT US

HOME TRAVEL BUSINESS CENTER PROJECTS SAFETY AERONAUTICS Search...

**BUCKLE UP! PHONE DOWN!**  
Join the movement! Become a Buckle Up Phone Down business partner or a BUPD School!

**Business Center**  
Business Opportunities  
Consultant Services Updates  
Bridge Information  
Contractor Information  
Design Consultant Information  
Materials  
Permits  
Right Of Way Information

**TRAVEL**  
Highway Cameras  
511  
Map Library  
More...

**BUSINESS CENTER**  
Lettings | RFPs & RFQs  
Truck Permits  
Local Assistance  
Contractor Info  
More ...

**PROJECTS**  
Program Book  
TIA | BNA  
Environmental  
More...

**SAFETY**  
Crash Reporting | Crash Data  
Highway Safety Office  
Safe Driving  
Traffic Incident Management

**AERONAUTICS**  
The CARES ACT  
Drones | PIREPS  
Hall Of Fame  
More...

**RESOURCES**  
Bicycle Bus Carplane Truck  
> Nebraska.gov  
> Policies & Disclaimers  
> Storefront  
> Subscribe to Updates via GovDelivery

**CONTACT NDOT HEADQUARTERS**  
Headquarters Address: 1500 NE-2, Lincoln, NE 68502  
Phones: (402) 471-4567  
Twitter LinkedIn Facebook Instagram Email 511

**Tweets by @NebraskaDOT**  
Nebraska DOT @NebraskaDOT  
Replying to @NebraskaDOT  
All traffic will be shifted to eastbound lanes in a reduced capacity. There will also be several ramp/loop closures along the route.  
Get real-time traffic alerts at: [511.nebraska.gov/](https://511.nebraska.gov/)

Embed

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# NDOT Website: <https://dot.nebraska.gov/>

The screenshot shows the top portion of the NDOT website. On the left is the logo for NEBRASKA with the tagline "Good Life. Great Journey" and "DEPARTMENT OF TRANSPORTATION" below it. To the right of the logo is a navigation menu with links: HOME, TRAVEL (with a dropdown arrow), BUSINESS CENTER (with a dropdown arrow), PROJECTS (with a dropdown arrow), SAFETY (with a dropdown arrow), AERONAUTICS (with a dropdown arrow), and a search bar labeled "Search..." with a magnifying glass icon. Above the navigation menu, there is a secondary menu with links: NEWS & MEDIA, DATA PORTAL, ABOUT US, CAREERS, and CONTACT US. Below the navigation menu, a dark grey banner contains the text "DESIGN CONSULTANT INFORMATION" on the left and a breadcrumb trail "Home / Business Center / Design Consultant Information" on the right.

## Disclaimer

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## Compatibility Statement

## Quick Links:

- [Roadway Design Manuals](#)
- [OnBase Information](#)
- [Standard/Special Plans Manual](#)
- [Storefront](#)
- [Custom Applications](#)
- [ProjectWise Training Video](#)
- [Environmental Section](#)
- [Accelerated Project Delivery Guidelines](#)



# NDOT Website: <https://dot.nebraska.gov/>

## Design Documentation

- [CADD Policy](#) // Updated 2-6-2017
- [Cell Book](#) // Updated 7-10-07
- [Construction Notes](#) // Updated 2-21-07
- [Design Process Outline](#) // Updated 2-25-21
- [DPO Changes List](#) // Updated 2-25-21
- [Level Names](#) // Updated 4-25-2017
- [Lighting Details](#) // Updated 1-16-15
- [MS Print](#) // Updated 4-17-13
- [MS Print Organizer](#) // Updated 4-17-13
- [Standard Notes](#) // Updated 2-21-07
- [Tabular Notes](#) // Updated 2-21-07
- [Standard Plans for Construction](#)
- [Standard & Special Plans](#)



## Right of Way Design Documentation

- Standard ROW Legal Description Statements - [Word](#) | [PDF](#)
- [Legal Description Word Template](#)
- [Condemnation Legal Description Template](#)
- [LPA Condemnation Plat and Description Resource Guide](#)
- [LPA Condemnation Plat Border Autocad](#)
- [Retrieving Existing ROW Archived Plans from OnBase](#)

## Floodplain Certification Documentation

- [Floodplain Certification Guidelines](#)
- [Floodplain Certification Memo - Template](#)
- [Certification of Compliance - Template](#)
- [Floodplain Mapping Guidance](#)
- [Floodplain Certification Memo Guidance](#)
- [Certification of Compliance Guidance](#)
- [Certification of Compliance - Example](#)  
– [Completed Certification Examples](#)

# NDOT Website: <https://dot.nebraska.gov/>

The screenshot displays the Nebraska Department of Transportation website. At the top, the logo reads "NEBRASKA Good Life. Great Journey. DEPARTMENT OF TRANSPORTATION". The navigation bar includes links for HOME, TRAVEL, BUSINESS CENTER, PROJECTS, SAFETY, and AERONAUTICS, along with a search bar. The main banner features a "WORK ZONE SAFETY" headline with a background image of a highway construction site. Below the banner are five menu categories: TRAVEL, BUSINESS CENTER, PROJECTS, SAFETY, and AERONAUTICS. The BUSINESS CENTER category is highlighted with a red arrow and includes sub-items: Lettings | RFPs & RFQs, Truck Permits, Local Assistance, Contractor Inquiries, and More... A small "lpa" icon is visible next to the "More..." link. The footer contains "RESOURCES" with links to Nebraska.gov, Policies & Disclaimers, Storefront, and GovDelivery updates. "CONTACT NDOT HEADQUARTERS" information is provided, including the address (1500 NE-2, Lincoln, NE 68502) and phone number (402) 471-4567. Social media icons for Twitter, LinkedIn, Facebook, Instagram, and Email are present. A "Tweets by @NebraskaDOT" section shows a tweet about traffic shifts. A yellow question mark icon is overlaid in the bottom right corner. The URL <https://dot.nebraska.gov/business-center/lpa/> is shown in the bottom left corner.



# NDOT Website: <https://dot.nebraska.gov/>

The screenshot shows the NDOT Local Assistance website. At the top, there is a navigation bar with links for NEWS & MEDIA, DATA PORTAL, ABOUT US, CAREERS, and CONTACT US. Below this is a secondary navigation bar with HOME, TRAVEL, BUSINESS CENTER, PROJECTS, SAFETY, and AERONAUTICS, along with a search bar. The main content area is titled "LOCAL ASSISTANCE" and includes a breadcrumb trail: Home / Business Center / Local Assistance. The central heading is "NDOT Local Assistance". A mission statement box reads: "Mission: Working together as a team to engage our partners and challenge our business practices to assist Local Agencies and Communities in providing the best possible transportation system for Nebraska." Below this, a paragraph describes the division's role in supporting local public agencies. A section titled "The Local Assistance Division includes four main areas:" features four buttons: "Liaison Services", "Local Projects", "Rail", and "Transit". A red arrow points to the "Local Projects" button. At the bottom, there is a section for "Other LPA Resources" with three columns of links: Congestion Mitigation and Air Quality (CMAQ), Comprehensive Plan, and Metropolitan Planning Organizations (MPO).

NEBRASKA  
Good Life. Great Journey  
DEPARTMENT OF TRANSPORTATION

NEWS & MEDIA DATA PORTAL ABOUT US CAREERS CONTACT US

HOME TRAVEL BUSINESS CENTER PROJECTS SAFETY AERONAUTICS Search...

LOCAL ASSISTANCE Home / Business Center / Local Assistance

## NDOT Local Assistance

Mission: Working together as a team to engage our partners and challenge our business practices to assist Local Agencies and Communities in providing the best possible transportation system for Nebraska.

Nebraska's Local Assistance Division supports Nebraska's Local Public Agencies in maintaining transportation assets by overseeing federal and state funds on behalf of those agencies and providing required regulatory oversight of those funds in accordance with the Federal Highway Administration (FHWA) and the State of Nebraska by coordinating with partners including members of NDOT, FHWA and stakeholders.

The Local Assistance Division includes four main areas:

- Liaison Services
- Local Projects
- Rail
- Transit

### Other LPA Resources

Congestion Mitigation and Air Quality (CMAQ)

- [CMAQ Interim Program Guidance](#)
- [Explanatory NDOR Letter for CMAQ Requests](#)
- [Link to FHWA Infor on CMAQ](#)

Comprehensive Plan

- Funding not available at this time. Solicitation for projects will be announced when funding levels have been determined.
- [2012 Brochure](#) - for reference purposes only.

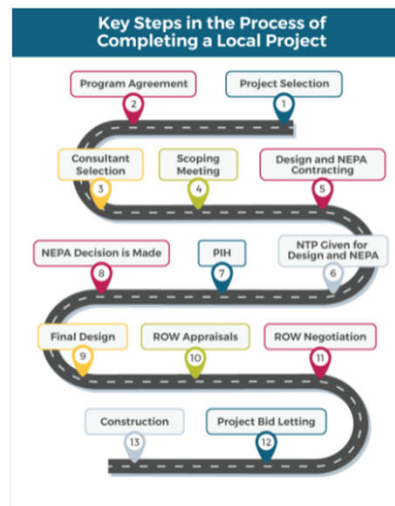
Metropolitan Planning Organizations (MPO)

- [Highway User Revenue Distribution](#)

# NDOT Website: <https://dot.nebraska.gov/>

bid letting services on behalf of the LPA. Local Projects is also responsible for quality assurance for Federal Aid transportation projects.

[Qualified Responsible Charge List](#) - list of those who have completed the responsible charge training.



PIH: Plan In Hand | NEPA: National Environmental Policy Act | NTP: Notice to Proceed | ROW: Right-of-Way

## Resources

- [LPA Guidelines Manual for Federal Aid Projects](#)
- [LPA Encroachment Policy for Federal-Aid Projects](#)
- [Local Projects Monthly Status Report \(06/01/21\)](#)

Contact Our Team  
[NDOT.LocalProjects@Nebraska.gov](mailto:NDOT.LocalProjects@Nebraska.gov)  
or  
402-479-3175

## Frequently Asked Questions

Q: How much in funding will my county get this year?

A: Visit the [Federal Funds Purchase Program](#) allocations page for this information.

Q: Where can I find the latest local off-system bridge (BRO) selections?

A: Visit the [BRO - Off System Bridge Program](#) and [On-System Bridge Program](#) page for this information.



# Compiling The Electronic PS&E Package

- Where to find.....Other Useful References
  - PS&E Required Sheet NDOT 280
  - .....and Major Items Needed for the PS&E Turn-In
-

# PS&E Required Sheet NDOT 280

P. S. & E. Required Sheet

**DESIGN DESIGNATION 3R**

RURAL  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_

INTERSTATE  
 MUNICIPAL

CURBED  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_

NON-CURBED  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_

TRAFFIC  
YEAR: \_\_\_\_\_  
ADT: \_\_\_\_\_  
DHV: \_\_\_\_\_  
T = \_\_\_\_\_ %

**DESIGN DESIGNATION NEW & RECONSTRUCTED**

RURAL  
 INTERSTATE  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_

TERRAIN:  
 LEVEL  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_

ROLLING  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_

MUNICIPAL  
 INTERSTATE  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_

CURBED  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_

NON-CURBED  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_  
Sta. \_\_\_\_\_ + \_\_\_\_\_ to \_\_\_\_\_

TRAFFIC  
YEAR: \_\_\_\_\_  
ADT: \_\_\_\_\_  
DHV: \_\_\_\_\_  
T = \_\_\_\_\_ %  
DESIGN NO.: \_\_\_\_\_  
N.F.C.: \_\_\_\_\_

**DESIGN DESIGNATION LOCAL ROADS & STREETS**

TRAFFIC  
 RURAL  
 MUNICIPAL  
 3R

YEAR: \_\_\_\_\_  
ADT: \_\_\_\_\_  
DHV: \_\_\_\_\_  
T = \_\_\_\_\_ %

CLASSIFICATION OR DESIGN NO.: \_\_\_\_\_

**FHWA PODI (if required)**

National Hwy (NHS)  
 ON  OFF

Phase  
 P. S. & E.  
 Construction

PROJECT NO.: \_\_\_\_\_

CONTROL NO.: \_\_\_\_\_

LOCATION: \_\_\_\_\_

DESIGNED BY: \_\_\_\_\_ PHONE: \_\_\_\_\_

LP COORDINATOR: \_\_\_\_\_ PHONE: \_\_\_\_\_

RESPONSIBLE CHARGE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_

**P. S. & E. Package**

◊ If required and not included, please provide an explanation and delivery date.

Not Applicable	Required	Included	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Electronic Plans (Preliminary Stamped)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction Comps. & Special Provisions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bituminous Comps. & Special Provisions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Recycled Materials
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soils & Materials Survey Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soil Reports & Compaction Req.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bridge Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Bridge Comps. & Special Provisions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Traffic Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Traffic Comps. & Special Provisions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lighting Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lighting Comps. & Special Provisions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	R.O.W. Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Environmental Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Work Zone Significant Project Spec. (Final Plans)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Seeding Special Provisions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Erosion Control Special Provisions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Design Data & Earthwork Sheets
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Special Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Standard Plans
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Railroad Special Provisions
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	City/County Agreements
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Miscellaneous Agreements
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	TERO Agreement
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Railroad Agreement or Info Letter
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Railroad Easement or Info Letter
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Railroad Utility License
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Green Sheet
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CE Re-evaluation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	404 Permit
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Floodplain Permit
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ROW Certificate
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Status of Utilities
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NDOT Utilities
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sole Source or LPA/State Supplied Materials (Attach a list and include all signed PIFs)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Systems Engineering
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Items in Estimation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Electronic Plan Data
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Funding Split <input type="checkbox"/> 80/20 <input type="checkbox"/> 90/10 <input type="checkbox"/> Other (please attach details including stationing)

# Major Items Needed For The PS&E Turn-In

**404 Permit:**

**Bituminous Computations (provided by NDOT Materials and Research):**

**Bituminous Special Provisions (provided by NDOT Materials and Research):**

**Bridge Plans (1 Full Size, 1 Full Size Stamped, Signed, and Dated):**

**Bridge Computations:**

**Bridge Special Provisions:**

**CE Re-Evaluation:**

**City / County Agreements:**

**Compaction Report / Req.:**

**Construction Computations (provide summary and breakdown for each fund type / split) All NDOT 355 Forms:**

**Construction Plans (1 Full Size, 1 Full Size Stamped, Signed, and Dated):**

**Construction Special Provisions (MS Word, Roadway Design):**

**Design Data & Earthwork Sheets:**

**Electronic Plan Data:**

**Electronic Plans:**

**Environmental Plans (1 Full Size, 1 Full Size Stamped, Signed, and Dated):**

**Erosion Control Special Provisions (available through NDOT):**

**Floodplain Permit:**

**Funding Split (provide details including stationing):**

**Green Sheet:**

**Items in Estimation:**

**Lighting Computations:**

**Lighting Plans (1 Full Size, 1 Full Size Stamped, Signed, and Dated):**

# Major Items Needed For The PS&E Turn-In

**Lighting Special Provisions:**

**Miscellaneous Agreements (such as Interlocal):**

**NDOT Utilities:**

**Railroad Agreement or Info. Letter:**

**Railroad Easement or Info. Letter:**

**Railroad Special Provisions:**

**Railroad Utility License:**

**Recycled Materials (Post-Consumer Recycle Sheet from M&R):**

**ROW Certificate (NDOT):**

**ROW Plans (1 Full Size, 1 Full Size Stamped, Signed, and Dated):**

**Seeding Special Provisions (available through NDOT):**

**Soils and Materials Survey Plans (D sheets required for bridge projects and major embankment projects):**

**Soils Report (required for projects with significant grading or foundations):**

**Sole Source or LPA / State Supplied Materials (Attach a list and include all signed PIF's):**

**Special Plans:**

**Standard Plans:**

**Status of Utilities (must be up to date at time of PS&E submittal):**

**Summary of Quantities and Location of Surfaced Drives NDOT 295:**

**System Engineering:**

**TERO Agreement:**

**Traffic Computations:**

**Traffic Plans (1 Full Size, 1 Full Size Stamped, Signed, and Dated):**

**Traffic Special Provisions:**

**Work Zone Significant Project Spec. (Final Plans):**

# Additional Items That May Be Needed

**Certification – Design:**

**Certification – Environmental:**

**Certification – Railroad Impact:**

**Certification – Utilities:**

**Concrete Repair Plans, M&R:**

**Concrete Comps, M&R:**

**Concrete Special Provisions, M&R:**

**Construction Engineer: (CE services determined with CE Contract completion):**

**Construction Items on Railroad ROW:**

**Detour Information:**

**Grading Item Summary form NDOT 64E:**

**Guardrail Quantities form NDOT 195:**

**Horse Blankets (Drainage Structures):**

**Horse Blankets (Driveway Structures):**

**Horse Blankets (Drop Pipe Structures):**

**Horse Blankets (Flumes):**

# Additional Items That May Be Needed

**ITS Architecture (need letter with conformance to Master Plan from LPA):**

**LPA ROW Certificate AP 18 or AP 19:**

**Length Sheet form NDOT 415:**

**Location Map / Plan (\*.dgn):**

**M&R Comps (Other Items):**

**M&R Special Provisions (Other Items):**

**Model (Design Model used for grading):**

**Other Special Plans (CBC, Guardrail, Bridge, Inlets, ADA ramps etc.):**

**Price Variance Explanation:**

**Program Agreement (must contain current language):**

**Project Information Sheet form NDOT 342:**

**Project Quantities Sheet form NDOT 343:**

**PS&E Required Sheet form NDOT 280, May 2021:**

**Tack Coat (not applicable on most LPA projects, located on asphalt summary of quantities):**

**Traffic Counts (ADT, DHV for current and future years and percent trucks):**





# PS&E Processing of Projects

- Routing of a PS&E Submittal Through PS&E

# PS&E Submittal Through Project Awarding

- Timing of Task from Submittal Through Project Awarding
-

# PS&E Processing of Projects

Project Logged Into Clarity as Turned In

Project Initial Review by Hwy. Contracts Supervisor

Project Documents Reviewed by Hwy. Technician for Assurance of Complete Package

Hwy. Contracts Supervisor Initial Review of Estimate, Status 50

Project Review of Specifications (And Sole Sourcing, If Needed)

Workig Days Calculated and Traffic Control Review

Hwy. Contracts Supervisor Completes Estimate Review (Second Time)

Blue Line Corrections Sent to Designer for Edits

Documents Sent to Project Development Unit (PDU) to Create Summary of Quantities Sheet and Title Sheet

PDU Completes Assembly of Letting Plans

Complete Letting Package Assembled and Sent to NDOT Contracts

Note: - Use NDOT AUP Prices  
- Omaha and Lincoln Use Their Own Pricing

# PS&E Submittal Through Project Awarding

Submittal of Complete Plans and Associated Documents to PS&E

Submit Package to FHWA for Review (RBP Projects) (Deadline: 8 Weeks Prior to Letting)

Ads to Newspaper (5 Weeks Prior to Letting)

Post Notice to Contractor (3 Weeks Prior to Letting)

Issue Plans & Proposals (On Bid-X) (3 Weeks Prior to Letting)

Last Day to Prequalify (for Contractors) (5 Days Prior to Letting)

Project Letting

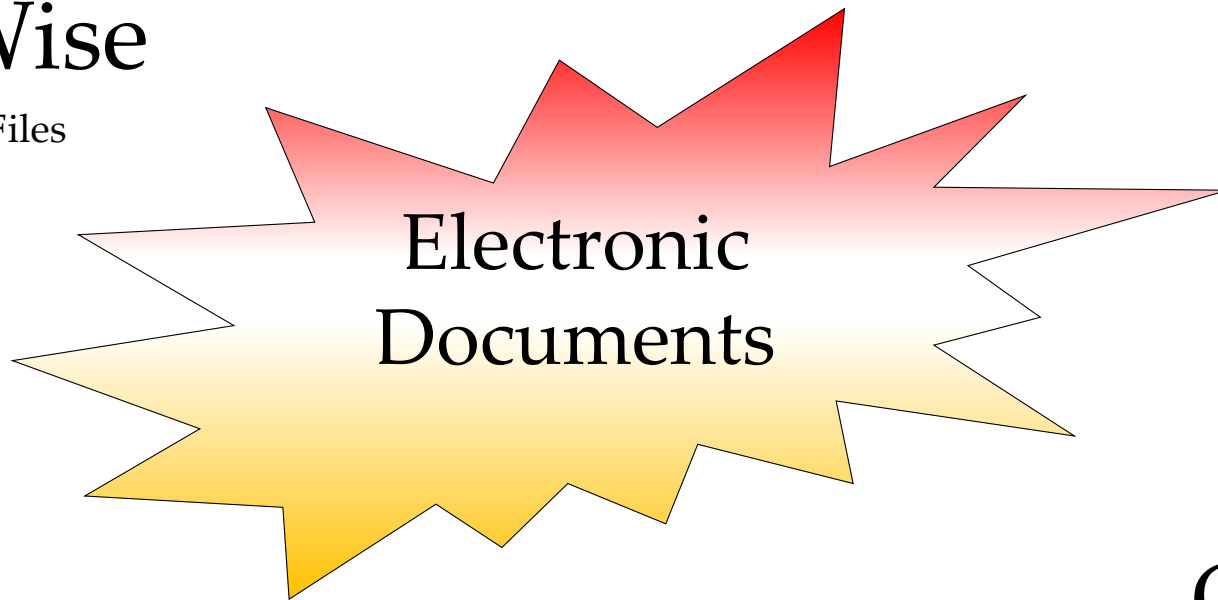
Project Award (30 Days After Letting)

Note: -No Preliminary Stamp on PS&E Plan Submittals  
-Do Not Update Plans After PS&E Submittal

# PS&E Processing of Electronic Documents

**ProjectWise**

CADD and Design Files



**Electronic  
Documents**

**OnBase**

All Other  
Project Documents

# Case Study of a Project Turned-In to PS&E

With All The Associated Files For The Project Turn-In

**WINNEBAGO NORTH**  
**BRO-7087(4)**  
**CN 32301**



# Case Study

STATE OF NEBRASKA  
DEPARTMENT OF TRANSPORTATION  
FINAL DESIGN PLANS  
**WINNEBAGO NORTH**  
THURSTON COUNTY

**INDEX OF SHEETS**

SHEET NO.	TITLE PAGE
A1	TITLE PAGE
A1 - A2	TYPICAL CROSS SECTIONS
C1	SUMMARY OF QUANTITIES
E1	ENVIRONMENTAL
F1	HORIZONTAL ALIGNMENT & ORIENTATION
G1	GENERAL INFORMATION
J1	CONSTRUCTION & REMOVAL
K1	DESIGN AND RESIDENT CONTROL
L1	PLAN AND PROFILE SHEETS
Q1	MARKING DATA SHEETS
R1 - R2	DRAINAGE CROSS SECTIONS
S1 - S12	SPECIAL PLAN 1 360'-0" THREE SPAN 17000 PRESTRESSED CONCRETE BRIDGE STA. 16+00.00'
U1	SPECIAL PLAN 3C GUARDRAIL PLANS
U2 - U5	SPECIAL PLAN 3C SS11 CHECKS ALL TYPES
W1	SPECIAL PLAN 3C CONCRETE WIDENUP & CONSTRUCTION EXIT
X1 - X2	RESID-DRWAY SHEETS
Y1 - Y7	CROSS SECTIONS

**STANDARD PLANS**

501-47	(3) SHEETS DRAINAGE CONTROL
502-42	(2) SHEETS SS11 FENCE DETAILS
740-41	(3) SHEETS WIDENUP GUARDRAIL SYSTEM BRIDGE APPROACH SECTION
740-42	(4) SHEETS GUARDRAIL DETAILS
741-41	(2) SHEETS END ANCHORAGE ASSEMBLY
920-47	(3) SHEETS TRAFFIC CONTROL, CONSTRUCTION AND MAINTENANCE
921-48	(2) SHEETS TRAFFIC CONTROL, CONSTRUCTION AND MAINTENANCE
923-42	TRAFFIC CONTROL ROAD CLOSURE

PROJECT LOCATION

PROJECT NO.	SHEET NO.
BRO-7087(4)	A1
▲ CONTROL NO. 32301	
▲ CONTROL NO.	
■ CONTROL NO.	

THE 2017 EDITION OF THE NEBRASKA STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS APPLY TO THIS PROJECT.

THE WORK ON THIS PROJECT CONSISTS OF GROUPS 1-GRADE, 5-SEEDING, 6-BROVE, 7-GUARDRAIL, & 10-GENERAL.

▲ GROUPS 1, 5, 6, 7 & 10	ARE INCLUDED
IN THE LETTING OF	
▲ GROUPS	ARE INCLUDED
IN THE LETTING OF	
■ GROUPS	ARE INCLUDED
IN THE LETTING OF	

DESIGN DESIGNATION

NEW OR RECONSTRUCTION

RURAL

TRAFFIC

YEAR: 2022 - 2042

ADT: 85 - 156

DRY: - -

T = 5% D = 2% S

WORK ON THIS PROJECT IS AUTHORIZED PURSUANT TO THE CONDITIONS STIPULATED IN THE ARMY CORPS OF ENGINEERS GENERAL/ATION/INDIVIDUAL POINT

**CONVENTIONAL SIGNS**

FRONT R.O.W. OR WIDE GUARDRAIL	TRAVELED WAY
ISLE	CLAYVOT
POWER POLE	TELEPHONE POLE
RAILROAD TRACKS	WADSH
TREE - CONIFERUS	TREE - DECIDUOUS

**R.O.W. LEGEND**

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

REFERENCE POST NO. TO REFERENCE POST NO.

EXISTINGS: FROM STA. TO STA.

TOTAL NET LENGTH OF PROJECT: 500 FEET 0.004 MILES

CONVENTIONAL PROFESSIONAL

## Bridge Comp. Sheets

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

NEBRASKA 11/4/2020 Page 1 of 3  
Good Life. Great Journey.  
DEPARTMENT OF TRANSPORTATION

**BRIDGE PROJECT SUMMARY - STRUCTURE**

CONTROL NO: 32301 STRUCTURE NO: C008710425 PLAN NO: 1  
PROJECT NO: BRO-7087(4) GROUP NO: 0 STATION: 14+90.00  
COUNTY: Thurston PROJ START REFERENCE POST: 0  
LOCATION: Winnebago North HIGHWAY NO: 0  
TYPE OF IMPROVEMENT CODE: 230 DESC: PIS Concrete Inverted Tee New  
AWARD DATE: LETTING DATE: 11/4/2021  
AWARDED CONTRACTOR:  
STRUCTURE WIDTH (OUT-TO-OUT): 32.67 FT CLEAR ROADWAY WIDTH (EXCLUDE MEDIANS): 30.00 FT  
END-TO-END OF FLOOR: 162.00 FT SQUARE FEET: 5292.54 SF  
FORMER OUT-TO-OUT (FOR WIDENING ONLY): 0 FT FORMER SQ. FEET (FOR WIDENING ONLY): 0 SF  
FHWA NO./ DESCRIPTION 1: X081 HIGHWAY OVER WATERWAY  
DESCRIPTION 2: CONCRETE - PRESTRESSED  
DESCRIPTION 3: GIRDER  
COMMENTS: 2-49'-0" AND 1-82'-0" SPANS IT600 PRESTRESSED CONCRETE GIRDER (No Skew)  
SPEC YR: 17 (85=US STANDARD, 98=METRIC) INPUT BY: Pitts  
(97=US STANDARD, 98=METRIC) SQUAD LEADER: Animan  
(07=US STANDARD, 98=METRIC)

NEBRASKA 11/4/2020 Page 2 of 3  
Good Life. Great Journey.  
DEPARTMENT OF TRANSPORTATION

**BRIDGE PROJECT - QUANTITIES**

STRUCTURE NO: C008710425 PLAN NO: 1  
CONTROL NO: 32301 INPUT BY: Pitts  
PROJECT NO: BRO-7087(4) STATION: 14+90.00  
SPEC YEAR: 17

STANDARD ITEM NO.	ITEM DESCRIPTION / ADDITIONAL DESCRIPTION	ITEM QUANTITY	UNIT OF MEASURE
6040.00	Remove Structure	1	EACH
1010.01	Excavation (Established Quantity)	14+77.63	
6000.10	Abutment No.1 Excavation	195	CY
6000.11	Abutment No.2 Excavation	35	CY
6001.00	Bent No.1 Excavation	50	CY
6001.01	Bent No.2 Excavation	90	CY
6010.22	Class 47B-3000 Concrete for Bridge	24.3	CY
6010.26	Class 47BD-4000 Concrete for Bridge	137.3	CY
6011.11	Precast/Prestressed Concrete Superstructure at Station	115.1	CY
6131.50	Epoxy Coated Reinforcing Steel	3.4	CY
6080.00	Structural Steel for Substructure	22.8	CY

NEBRASKA 11/4/2020 Page 3 of 3  
Good Life. Great Journey.  
DEPARTMENT OF TRANSPORTATION

**BRIDGE PROJECT - QUANTITIES**

STRUCTURE NO: C008710425 PLAN NO: 1  
CONTROL NO: 32301 INPUT BY: Pitts  
PROJECT NO: BRO-7087(4) STATION: 14+90.00  
SPEC YEAR: 17

STANDARD ITEM NO.	ITEM DESCRIPTION / ADDITIONAL DESCRIPTION	ITEM QUANTITY	UNIT OF MEASURE
6210.14	HP 12 Inch X 53 Lb Steel Piling	2420	LF
6310.00	Steel Sheet Piling	4180	SF
6105.02	Rock Riprap, Type B	500	TON
1043.50	Riprap Filter Fabric	862	SY
6052.51	Access Bridge	1	LS
6081.00	Structural Steel for Superstructure	Area 1200	SF
		1450	LB



## Bridge Special Provisions

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

### BRIDGE SPECIAL PROVISIONS

Project No: BRO-7087(4)  
Control No.: 32301  
Project Name: Winnebago N

#### NDOT Standard Bridge Special Provisions

7-3 Concrete Construction  
7-4 Piles and Pile Driving  
7-5 Partial Payment for Structural Steel  
7-6 Debonding Prestressing Strands  
B-6 Contractor's Access Bridge  
Removal of Bridge

7-3  
10-1-17  
1 of 2

### CONCRETE CONSTRUCTION (7-3-1217)

Paragraph 6.g.(3) of Subsection 704.03 in the Standard Specifications is void and superseded by the following:

- (3) Steel stay-in-place form material shall conform to the requirements of ASTM A 653/A 653M Coating Designation G165/Z500.

Paragraphs 8.b. and c. of Subsection 704.05 in the Standard Specifications are void and superseded by the following:

8. Payment Deductions:
- b. If the 28-day compressive strength is less than the design compressive strength by more than 500 psi, the Contractor may request approval to take cores at the Contractor's expense.
    - (i) A minimum of two cores shall be taken within 45 days after the concrete was poured under the supervision of the Engineer.
    - (ii) The location of the cores shall be approved by the Engineer.
    - (iii) The Engineer will take immediate possession of the cores and take them to the nearest lab for testing.
    - (iv) Cores shall be taken in accordance with ASTM C42.
    - (v) The average compressive strength of all the cores taken for a Group's class of concrete poured that day will be used.
  - c. If the 28-day compressive strength of the cylinders or the average core compressive strength, whichever is greater, is less than the specified compressive strength and the Engineer determines that the concrete is acceptable for use, a pay factor will be applied to all pay items represented by that 28-day strength. The pay factors are as shown in table 704.03.

7-3  
10-1-17  
2 of 2

Table 704.03  
Concrete Strength Pay Factor

Amount Below Specified Compressive Strength (PSI)	Pay Factor
0 to 50	100
Greater than 50 to 100	99
Greater than 100 to 200	97
Greater than 200 to 300	93
Greater than 300 to 400	88
Greater than 400 to 500	80
Greater than 500	40 or Remove and Replace

### BRIDGE DECK CRACK SEALING (7-3-1217)

1. Prior to project acceptance, the contractor can end his responsibility to seal cracks at no cost provided that all cracks have been sealed in accordance with the following requirements:
  - a. The Contractor shall not seal any bridge deck cracks until after the following:
    - i. Concrete has reached a minimum age of 28-days.
    - ii. Work on all phases of the bridge is complete, excluding bump grinding and grooving.
    - iii. The bridge is no longer being used as a haul road for construction equipment
  - b. The Contractor shall clean the bridge to remove any asphalt, curing compound, or other materials that may impair the ability to identify cracks.
  - c. The Contractor shall wet the deck and mark all visible cracks as it dries.
  - d. The bridge deck shall be dry for 24 hours prior to installation of crack sealant.
  - e. Crack sealing shall be performed in the presence of the Engineer.
  - f. The Contractor shall submit a letter certifying that all cracks have been sealed in accordance with the requirements above.
2. The sealing of any additional cracks which develop may be considered for payment as extra work.
3. Bridge decks with excessive cracking will be evaluated by the engineer and may require additional sealing procedures.

## Compaction Requirements

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

COMPACTION REQUIREMENTS					
Class III (See Specifications)					
	SOIL TYPE	DEPTH BELOW FINISH SUBGRADE	PERCENT DENSITY	MOISTURE REQUIREMENTS	
				MINIMUM	MAXIMUM
Embankment / Roadway Grading, including driveways, to receive concrete pavement	Silt-Clay	Upper 3 feet	98 Min.	Opt. -3%	Opt. +2%
	Silt-Clay	At depths greater than 3 feet	95 Min.	Opt. -3%	Opt. +2%
	Granular	All depths	100 Min.	**	**
Embankment / Roadway Grading, including detours, temporary roads, and driveways, to receive flexible pavement	Silt-Clay	Upper 3 feet	100 Min.	Opt. -2%	Opt. +1%
	Silt-Clay	At depths greater than 3 feet	95 Min.	Opt. -3%	Opt. +2%
	Granular	All depths	100 Min.	**	**
Embankment / Roadway Grading not to be surfaced	All	All depths	95 Min.	Opt. -3%	Opt. +2%
Embankment / Roadway Grading to receive gravel surfacing / crushed rock embedment	All	All depths	95 Min.	**	**
Subgrade Preparation, Shoulder Subgrade Preparation (Concrete Pavement)	Silt-Clay	The upper 6 inches of subgrade soil	98 Min.	Opt. -3%	Opt. +2%
	Granular	The upper 6 inches of subgrade soil	100 Min.	**	**
Subgrade Preparation, Shoulder Subgrade Preparation (Flexible Pavement)	Silt-Clay	The upper 6 inches of subgrade soil	100 Min.	Opt. -2%	Opt. +1%
	Granular	The upper 6 inches of subgrade soil	100 Min.	**	**
Trench Widening	--	--		(See Special Provisions)	
Bituminous Pavement Patching	All	Underlying Material	100 Min.	(See Specifications)	
Foundation Course / Subgrade Stabilization	--	--	100 Min.	(See Specifications)	
Stabilized Subgrade (ie. Lime, Flyash, etc.)	--	--	100 Min.	(See Special Provisions)	
Granular Structural Fill (MSE Walls, Granular Fill for Bridges, Culverts, etc)	Granular	All depths	100 Min.	Opt. -3%	Opt. +3%

\*\* Moisture as necessary to obtain density.  
(A moisture target value at maximum density shall be established in the field by the Contractor during the compaction process. The acceptable moisture content shall be  $\pm 2\%$  of the target value.)



## ACOE 404 Permit

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301



DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS, OMAHA DISTRICT  
NEBRASKA REGULATORY OFFICE  
806 SOUTH 154<sup>TH</sup> STREET, SUITE 2  
OMAHA, NEBRASKA 68105-3655

<http://www.nrcos.usace.army.mil/info/regs/regulatoryprogram/nebraska.nrcos>

March 6, 2020

### DEPARTMENT OF THE ARMY NATIONWIDE PERMIT VERIFICATION

#### Permittee:

Mr. Mark Casey  
Thurston County Highway Department  
P.O. Box 159  
Pender, Nebraska 68047

Permit No: NWO-2019-02074-WEH

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the U.S. Army Corps of Engineers having jurisdiction over the permitted activity or the appropriate office of the office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions of Department of the Army (DA) Nationwide Permit (NWP) No. 14 found in the January 6, 2017, Federal Register (82 FR 1860), Issuance and Reissuance of Nationwide Permits. You must comply with all special, regional and general conditions attached herein.

#### Project Waterway and Location:

Wetlands abutting Omaha Creek  
42.263493°, -96.484754°  
Sections 35, Township 27 North, Range 8 East; Section 2, Township 26 North, Range 8 East  
Thurston County, Nebraska

Project Name: Winnebago North; CN 32301; FHU Project #117260-01

Date of Receipt: November 26, 2019

Additional Information Received: December 20, 2019

#### Project Description:

The existing bridge on County Road B, over Omaha Creek, will be removed and replaced. The existing bridge will be removed from an upland position and replaced with a 160-foot long by 32-foot wide concrete bridge with new bridge abutments and bents. The east and west banks of Omaha Creek will be excavated above the Ordinary High Water Mark (OHWM) for floodplain terracing, beneath the new bridge structure. The new bridge abutments will be armored on both banks with 72 linear feet of rock riprap placed above the OHWM. Three Corrugated Metal Pipes (CMPs) will be installed in wetlands on the northeast, southeast and southwest corners of the project area and will outlet above the OHWM. Excavation for floodplain benching will impact 0.0869 acre of PEMA/C riverine channel wetlands. The new bridge bents and abutments will permanently fill 0.0042 acre of PEMA/C riverine channel wetlands. Riprap will permanently impact 0.0037 acre of PEMA/C riverine channel wetlands. Installation of the three CMPs will permanently impact 0.0013 acre of PEMA/C riverine channel wetlands. Temporary impacts due to contractor access and equipment traffic will be 0.0780 acre PEMA/C riverine channel wetlands.

- 2 -

A temporary bridge will be utilized to aid in the replacement of the existing bridge over Omaha Creek. Temporary structure details were not included with the application and shall be submitted by the permittee or contractor prior to construction; in accordance with the requirements identified in Regional Condition #10. All temporary impacts due to construction of the temporary bridge are within the permanent impact footprint of the project.

The roadway will be graded and tapered 570 feet east from Sta. 12+50. Temporary causeways, diversions, pump-arounds, and impoundments are not proposed and therefore not authorized. Total permanent impacts from filling and excavation due to construction activities will be 0.0944 acre of PEMA/C riverine channel wetlands. Total temporary impacts from filling and excavation due to construction activities will be 0.0780 acre of PEMA/C riverine channel wetlands.

#### Special Conditions:

1. The Nebraska Department of Transportation (NDOT) has assumed the Federal Highway Administration's (FHWA) responsibilities for Categorical Exclusions under the Memorandum of Understanding between FHWA, Nebraska Division and the NDOT, State Assumption of Responsibility for Categorical Exclusions, 23 U.S.C. 326 (the CE MOU). Pursuant to 23 U.S.C. 326 (e) and the CE MOU, NDOT has been designated as the lead federal agency and has provided the Corps Nebraska Regulatory Office documentation to demonstrate compliance with Section 106 of the National Historic Preservation Act (NHPA), in accordance with the NDOT's Section 106 NHPA Programmatic Agreement. Material changes in, or a failure to implement and enforce such program or agreement, will be grounds for modifying, suspending, or revoking the permit.
2. The NDOT has assumed the FHWA responsibilities for Categorical Exclusions under the Memorandum of Understanding between FHWA, Nebraska Division and the NDOT, State Assumption of Responsibility for Categorical Exclusions, 23 U.S.C. 326 (the CE MOU). Pursuant to 23 U.S.C. 326 (e) and the CE MOU, NDOT has been designated as the lead federal agency and has provided the Corps Nebraska Regulatory Office documentation to demonstrate compliance with the Endangered Species Act (ESA), in accordance with the NDOT's ESA Programmatic Agreement. Material changes in, or a failure to implement and enforce such program or agreement, will be grounds for modifying, suspending, or revoking the permit.
3. Any riprap/broken concrete placed beyond the bridge drip line must be covered, from the top down to the annual ordinary high water line, with a minimum of 6 inches of soil compacted into the voids of the riprap and immediately seeded with either annual rye grass, oats and/or wheat (nurse crop) plus a mixture of native grass species. The Corps must be notified that this has been completed with photo documentation and seed tags.
4. No temporary culverted earthen crossings or causeways are authorized under this permit. A temporary bridge will be needed to aid in the replacement and construction of the bridge over Omaha Creek. Temporary structure design details were not included with the permit application and are therefore not authorized at this under this verification. Temporary structure information shall be submitted by the permittee in accordance with the requirements identified in Regional Condition #10. Construction of any temporary structures shall not occur in wetlands and waters of the U.S. until reviewed and authorized by the Corps.

- 3 -

#### Regional Conditions:

The permittee is responsible for compliance with the Nebraska Regional Conditions listed below.

#### Regional Condition No. 9, Revegetation of Disturbed Areas - All NWP's

- a. All areas adjacent (contiguous, bordering, neighboring) to jurisdictional waters disturbed by construction shall be revegetated with appropriate perennial, native grasses and forbs and maintained in this condition. In accordance with Executive Order 13112, the use of invasive species and non-native species is not appropriate for revegetation of disturbed areas. A cover crop may be planted to aid in the establishment of native vegetation. The disturbed areas shall be reseeded concurrently with the project or immediately upon completion. Revegetation shall be acceptable when ground cover of appropriate perennial, native grasses and forbs reaches 75%. If this seeding cannot be accomplished by September 15 in the year of project completion, then an erosion blanket shall be placed on the disturbed areas. The erosion blanket shall remain in place until ground cover of appropriate perennial, native grasses and forbs reaches 75%. If the seeding can be accomplished by September 15, all seeded areas shall be properly mulched to prevent erosion.
- b. When the vegetation has become established, all temporary erosion control materials shall be removed from the project site. Biodegradable or photodegradable materials need not be removed.

#### Regional Condition No. 10, Temporary Structures/Work/Fill

##### a. All NWPs

- i. The use of dredged material in the construction of temporary structures or used for temporary work or used as temporary fill shall not be allowed. The term "dredged material" is defined as material that is excavated or dredged from waters of the U.S. All temporary fill material shall be obtained from an upland source.
- ii. Upon completion of the construction activity, all temporary fill material shall be removed in its entirety from the water of the U.S. to an upland area and the affected area shall be restored to its pre-construction condition. Wetlands disturbed by temporary construction shall be seeded with appropriate native hydrophytic species.
- iii. General Condition No. 13 (Removal of Temporary Fills) is amended by adding the following: When temporary fills are placed in wetlands, a horizontal marker (i.e. fabric, certified weed-free straw, a ground survey with minimum accuracy of 0.10-foot, etc.) must be used to demarcate the existing ground elevation of wetlands that will be temporarily filled during construction, in order to restore the wetlands to pre-project conditions.

##### b. NWPs with a Preconstruction Notification (PCN) Requirement

- In addition to the above Regional Conditions in "a", the following apply to NWPs with a PCN requirements.
- i. A proposal for the temporary structure/work/fill, if not already provided, shall be submitted 14 days prior to construction and authorized/verified by the Nebraska Regulatory Office prior to the commencement of construction.
  - ii. The Nebraska Regulatory Office shall be notified with documentation (i.e. photos) when the site has been restored to its pre-project condition.

#### General Conditions:

Please refer to the NWP 14 Fact Sheet, mailed to your office via cover letter on April 14, 2017. You may request another copy of the NWP 14 Fact Sheet, as needed.

Case Study

# Floodplain Permit

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

**CN32301**      **DEVELOPMENT PERMIT/APPLICATION**      **7/31/18**  
Permit Application #      For Communities with Designated Floodways      Date

This form is used for any man-made change to improved or unimproved real estate, including, but not limited to buildings or other structures, mining, dredging, filling, grading, paving, excavation, drilling operations, or storage of equipment or materials.

Developer must obtain all other necessary federal, state, or local permits (e.g. Corps of Engineers 404 Permit, Local Levee District, etc.)

1. **Name of Applicant:** Thurston County

**Address:** 106 South 5th Street, Pender, NE 68047

2. **Type and Use of Development:** C008710425 Bridge replacement

3. **Specific Location of Development:** County Avenue B west of U.S. Highway 75

4. Complete this section if the proposed development involves the improvement of a structure (i.e. existing and/or new building, manufactured home, or gas and/or liquid storage tanks).      **Pre-improvement Value of Structure:** \$ N/A  
**Cost of Improvement:** \$ N/A

The Following Section is to be Completed by the Community Official:

5. **Is the development Substantial Improvement? (see #4)**       YES       NO

6. **Is the development in an Identified Floodplain?**       YES       NO

If YES, complete the following:

a. **Elevation of the Base (100-Year) Flood:** Zone A      ft. 14.10      or      ft. 14.10

b. **Elevation/Floodproofing Requirement (if applicable):**      ft.      or      ft.


c. **Is the development in a designated Floodway?**  
 YES      New structures for human habitation are prohibited. For any other Floodway development, the developer must provide certification by a registered professional engineer that the development would result in no increase along the floodway water surface profile.  
 NO      If a Floodway has not been designated, the developer may be required to submit hydraulic data demonstrating that the proposed development will not increase flood heights more than one foot at any location.

If the development is in a floodplain, the following shall apply:  
This permit is issued with the condition that the lowest floor (including basement floor) of any new or substantially improved residential building will be elevated at least one foot above the base flood elevation. If the proposed development is a non-residential building, this permit is issued with the condition that the lowest floor (including basement) of a new or substantially improved non-residential building will be elevated or floodproofed at least one foot above the base flood elevation. The Developer/Owner will provide certification by a registered engineer, architect, or Land Surveyor or of the "no-build" lowest floor elevation (including basement) or floodproofed elevation of any new or substantially improved building covered by this permit.

All provisions of the Thurston Floodplain Management Resolution Ordinance (Number \_\_\_\_\_) shall be complied with.

(Town or City)

Maureen      10/29/2019      Maureen Clark      11-1-  
Signature of Developer/Owner      Date      Authorizing Official (Name & Title)      Date



Grading Item Summary  
Sheet NDOT Form 64E

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

Nebraska Department of Transportation		<input type="checkbox"/> Preliminary } Quantities <input checked="" type="checkbox"/> Final	
Grading Item Summary		Project No.:	BRO-7087(4)
Project Name:	Control No.:		
Winnebago North	32301		
Excavation, Cu Yds.			
Excavation (Established Quantity), Cu Yds.			195,000
Excavation, Borrow, Cu Yds.			
Earthwork Measured in Embankment, Cu Yds.			2992
Embankment for Surcharge (Established Quantity), Cu Yds.			
Water Applied, M Gal.			40
Salvaging and Placing Topsoil, Sq Yds.			
Slope Protection, Sq Yds.			
Slope Protection Mulch, Ton			
<input type="checkbox"/> R.O.W. Markers / <input type="checkbox"/> R.O.W. Posts, Ea			
Delineators: Type I, Ea.			
Delineators: Type II, Ea.			
Delineators: Type III, Ea.			
Chevrons, Ea.			
Cover Crop Seeding, Ac.			1.00
Temporary Seeding, Ac.			
Seeding, Type "A", Ac.			
Seeding, Type "B", Ac.			
Seeding, Type "C", Ac.			
Mulch (Hay or Straw), Ton			2.00
General Clearing & Grubbing, Lump Sum			1.00
Large Tree Removal, Ea.			
Computed By:	TM	Date:	5/3/21
Checked By:	SBR	Date:	5/3/21

NDOT Form 64E, September 17







Length Sheet  
NDOT Form 415

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

Length Sheet (English)				
Project No.	BRO-7087(4)		Control No.	32301
Name of Road:	B Ave.			
Between:	28 Rd And Hwy 75/77			
County:	Thurston			
Begin @ Station	12+50	End @ Station	18+18.84	
Begin @ Station		End @ Station		
Begin @ Station		End @ Station		
Begin @ Ref. Post		End @ Ref. Post		
Begin @ Ref. Post		End @ Ref. Post		
Begin @ Ref. Post		End @ Ref. Post		
Length - Roadway	160.00	Feet	0.03	Miles
Length - Roadway	248.84	Feet	0.05	Miles
Length - Roadway		Feet		Miles
Length - Roadway		Feet		Miles
Length - Roadway		Feet		Miles
<b>Subtotal</b>	<b>408.84</b>	<b>Feet</b>	<b>0.08</b>	<b>Miles</b>
Length - Bridges	160.00	Feet	0.03	Miles
Length - Bridges		Feet		Miles
Length - Bridges		Feet		Miles
Length - Bridges		Feet		Miles
Length - Bridges		Feet		Miles
<b>Subtotal</b>	<b>160.00</b>	<b>Feet</b>	<b>0.03</b>	<b>Miles</b>
<b>Total</b>	<b>568.84</b>	<b>Feet</b>	<b>0.11</b>	<b>Miles</b>
Equations		Bridges	Sia 14+90	

NDOT Form 415, November 2017



## M&R Special Provisions

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

BRO-7087(4)  
C.N. 32301  
Winnebago North  
2/26/21

- 2-2 ACCEPTANCE TESTING OF SOILS BY USE OF THE LIGHT WEIGHT DEFLECTOMETER
- 10-8 PORTLAND CEMENT CONCRETE

Mike, according to the x-section sheets, a little of the embankment on this project goes into the roadway prism, so I am inserting Tape 2-2. And since Tape 2-2 is inserted, I included the Notice To Bidders special provision for Local Projects that covers alternatives to the Light Weight Deflectometer.

1

### GRAVEL EMBEDMENT

#### Description

1. This work shall consist of spreading gravel over the surface of the roadbed, scarifying roadbed to blend the gravel into the subgrade soil followed by compacting the area to create a stable base for the Gravel Surface Course.

#### Materials

1. Gravel for embedment shall conform to the requirements of Gravel Surfacing in Paragraph 6. of Subsection 1033.02 of the Standard Specifications for Highway Construction.

#### Construction Methods

1. A two inch layer of gravel shall be uniformly spread over the surface of the roadbed that has been prepared in accordance with the Contract.
2. The gravel layer and roadbed shall be scarified to uniformly blend the gravel into the upper four inches of the subgrade soil.
  - a. Water shall be added as necessary to facilitate compaction.
3. This scarified and blended roadbed surface shall be compacted with a minimum number of 4 passes with a padfoot roller until firm and stable, as determined by the Engineer.
4. The scarification, blending and compaction work shall not alter the cross slope of the roadbed.
5. After the gravel embedment is completed, the Contractor shall place and spread one inch of Gravel Surface Course on the roadway.
6. Additional gravel shall be placed and spread during the life of the project at the Engineers discretion.

#### Method of Measurement

1. Gravel Embedment shall be measured by the Station measured horizontally along the project centerline, of completed and accepted work.
2. All gravel used to build the Gravel Embedment and Gravel Surface Course will be measured and paid as Gravel Surface Course in accordance with Section 310 of the Standard Specifications.

2

3. Water will not be measured and paid for but shall be considered subsidiary to the item "Gravel Embedment."

#### Basis of Payment

- | 1. Pay Item           | Pay Unit                    |
|-----------------------|-----------------------------|
| Gravel Embedment      | Station                     |
| Gravel Surface Course | Cubic Yard (CY) or Ton (TN) |
2. Payment is full compensation for all work prescribed in this Special Provision.

3

# Erosion Control Special Provisions

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

**NEBRASKA**  
Good Life. Great Journey.  
DEPARTMENT OF TRANSPORTATION

## Memorandum

DATE July 21, 2020  
TO Dan Rea/Glen Steffensmeier  
FROM Ronald Poe  
SUBJECT BRO-7087(4), CN 32301, Winnebago North

### Final Roadside Stabilization Review

- The Construction Stormwater Permit will not be required and a SWPPP will not be developed for the project.
- Erosion Control "Class 1D" is required for all areas disturbed by construction, as shown in the plans
- Place Erosion Control "Class 2C" at the outlets of the 3 drop pipes.

Attached are the Special Provisions for the above mentioned project. The following Standard and Special Plans will be required for the project:

- 5101-0-E-07 – Erosion Control
- 5102-0-E-02 – Silt Fence Details
- 5101-1-E-01 – Concrete Washout & Construction Exit
- 5104-1-E-01 – Silt Checks (All Types)

Project No. BRO-7087(4), C.N. 32301, Winnebago North

8-3  
10-1-17

### EROSION CONTROL

Subsection 810.02 in the Standard Specifications is amended to include the following:

	Minimum Purity (%)	Application rate in lb. of Pure Live Seed/1000 yd. <sup>2</sup>
Perennial ryegrass – Linn, Norlea, Amazon	85	2
Western wheatgrass – Barton, Flintlock	85	1.25
Slender wheatgrass	85	1.25
Canada wildrye – Mandan, Homestead, NE native	85	1
Kentucky fescue	85	3
Switchgrass – Trailblazer, Blackwell, Cave-in-Rock, Pathfinder	90	0.5
Little bluestem – Aldous, Blaze, Camper	60	0.5
Indiangrass – Hot, Nebraska-54, Oto, Chief	75	0.75
Sand lovegrass – Nebraska-27, native	90	0.2
Sideoats grama – Butte, Trailway	75	0.75
Smooth blue aster (Aster laevis)	85	0.08
Upright coneflower (Ratibida columnifera)	85	0.08
Indian blanket flower (Gaillardia pulchella)	85	0.25
Oats or wheat (wheat in the fall)	90	7

All seeds shall be origin Nebraska, adjoining states, or as specified. A Contractor proposing to use a substitute variety or origin shall submit for the Engineer's consideration a seed tag representing the seed, which shows the variety, origin and analysis of the seed.

Rate of application of inorganic fertilizer shall be:

	Rate of Application Per 1000 yd. <sup>2</sup> (Min.)
Available Nitrogen (N <sub>2</sub> )	8 or 9 lb.
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	23 or 24 lb.

Rate of application of granular sulphur coated urea fertilizer or urea-formaldehyde fertilizer shall be:

	Rate of Application Per 1000 yd. <sup>2</sup> (Min.)
Nitrogen (Total Available)	0 lb.

8-6  
10-24-17

### COVERCROP SEEDING (8-6-1217)

Paragraph 3. of Subsection 802.02 in the Standard Specifications is void and superseded by the following:

Fertilizer is not required for covercrop seeding.

Paragraph 6. of Subsection 802.03 is void.

# Environmental Green Sheet

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

Green Sheet #1

**Environmental Commitments Document**

Control No. 32301  
Project No. 7087(4)  
Project Name: Winnebago North

Reviewed and Approved by:  
Frank Albrecht 3-2-2021  
Environmental Project Manager Date

404 Permit Required  Yes Received: 3/6/2020 Permit No. NWO-2019-02074-WEH  
 No Acres Impacted: 0.094 Reviewed and Approved   
Acres Mitigated: NA  
Location: NA  
Project Mitigation Ratio: NA BAH 02/25/2021 Date

Comments: Nationwide Permit 14, Notifying

Individual 401 Water Quality Certification Required  Yes  
 No

Comments: Assumed under Nationwide Permit.

State Title 117 Waters (COE Non-Jurisdictional)  Yes  
 No

Floodplain Permit Required  Yes Received: 11/1/2019  
 No

Comments: Issued through Thurston County.

Historic Clearance  Yes Tier II Approved 11/25/2019 Reviewed and Approved   
THPO Winnebago Tribe of NE (no response) 11/25/2019  
 No SLS 02/24/2021 Date

Comments: No historic properties affected.

Threatened & Endangered Species Clearance Required  Yes Final Biological Assessment Approved - 7/29/2019 Reviewed and Approved   
Approved: FHWA - 7/29/2019  
NGPC - NA  
USFWS - NA  
Winnebago Tribe - 6/24/2019 JMS 3/25/2021 Date

Comments: May Affect, Not Likely to Adversely Affect

Environmental Clearance  Yes  NDOT or  FHWA Level 2 CE Approved 4/30/2020 Reviewed and Approved   
 N/A Reevaluation Approved 8/26/2020 CMB 3/25/2021 Date

Hazardous Materials Reviewed and Approved   
AB 2-25-21 Date

NPDES/Stormwater Permit No.: NA Reviewed and Approved   
RP 3/25/21 Date

Local Assistance Project Coordinator Reviewed and Approved   
OPS 3-2-2021 Date

Green Sheet #1

**Environmental Commitments**

Control No.: 32301 Project No.: 7087(4)

Project Name: Winnebago North

Below are the Conservation Conditions that will be required for this project. All conditions and regulations of any permit obtained for this project will be followed by the contractor.

(Responsible Party for the measure is found in parentheses)

Regulated Wetlands and/or Water Resources for this project have been identified and delineated by NDOT. The Contractor shall not drive through, stage, store, waste or stockpile materials and equipment within delineated wetland boundaries (Wetlands - Do Not Disturb) and/or environmentally sensitive areas (Sensitive Area - Do Not Disturb) as shown in the project plan aerial sheets and/or the erosion control plan sheets included in the plan set. (District Construction, Contractor)

All listed 404 permit Special Conditions as included in the attached 404 permit document must be complied with including Section 401 Water Quality Certification conditions and/or all other conditions required for compliance state and federal regulations. (District Construction, Contractor)

All Nationwide Permit General Conditions and Nebraska Regional Conditions will be followed, as applicable. Based on the project scope (NDOT Control No. 32301), the items indicated with checkmarks in the attached document (NDOT Contractor Requirements Sheet) appear to be applicable and relevant to the contractor and project manager. (Contractor, District Construction)

Any riprap/broken concrete placed beyond the bridge drip line must be covered, from the top down to the annual ordinary high water line, with a minimum of 6 inches of soil compacted into the voids of the riprap and immediately seeded with either annual rye grass, oats and/or wheat (nurse crop) plus a mixture of native grass species. The Corps must be notified that this has been completed with photo documentation and seed tags. (Contractor, District Construction)

No temporary culverted earthen crossings or causeways are authorized under this permit. A temporary bridge will be needed to aid in the replacement and construction of the bridge over Omaha Creek. Temporary structure design details were not included with the permit application and are, therefore, not authorized at this under this verification. Temporary structure information shall be submitted by the permittee in accordance with the requirements identified in Regional Condition #10. Construction of any temporary structures shall not occur in wetlands and waters of the US until reviewed and authorized by the Corps. (Contractor, District Construction)

All areas adjacent (contiguous, bordering, neighboring) to jurisdictional waters disturbed by construction shall be revegetated with appropriate perennial, native grasses and forbs and maintained in this condition. In accordance with Executive Order 13112, the use of invasive species and non-native species is not appropriate for revegetation of disturbed areas. A cover crop may be planted to aid in the establishment of native vegetation. The disturbed area shall be reseeded concurrently with the project or immediately upon completion. Revegetation shall be acceptable when ground cover of appropriate perennial, native grasses and forbs reaches 75%. If this seeding cannot be accomplished by September 15 in the year of project completion, then

Page 1 of 8

Green Sheet #1

an erosion blanket shall be placed on the disturbed areas. The erosion blanket shall remain in place until ground cover of appropriate perennial, native grasses and forbs reaches 75%. If the seeding can be accomplished by September 15, all seeded areas shall be properly mulched to prevent erosion. (District Construction, Contractor)

When vegetation has been established, all temporary erosion control materials shall be removed from the project site. Biodegradable or photodegradable materials need not be removed. (District Construction, Contractor)

- The intent of the above Regional Condition is that all temporary erosion control measures installed such as silt fence and associated steel posts shall be removed upon completion of the project or upon vegetation establishment reaching the specified success criteria. Biodegradable and photodegradable erosion control measures detailed in the final erosion control plans are intended to remain in place upon completion of the project. Temporary biodegradable/photodegradable erosion control measures such as wood mulch berms and erosion checks may be left in place upon completion of the project.

Temporary Structures/Work/Fill

- The use of dredged material in the construction of temporary structures or used for temporary work or used as temporary fill shall not be allowed. The term "dredged material" means material that is excavated or dredged from waters of the U.S. All temporary fill material shall be obtained from an upland source.
- Upon completion of the construction activity, all temporary fill material shall be removed in its entirety from the water of the U.S. to an upland area and the affected area shall be restored to its pre-construction condition. Wetlands disturbed by temporary construction shall be seeded with appropriate native hydrophytic species.
- When temporary fills are placed in wetlands, a horizontal marker (i.e. fabric, certified weed-free straw, a ground survey with minimum accuracy of 0.10-foot, etc.) must be used to demarcate the existing ground elevation of wetlands that will be temporarily filled during construction, in order to restore the wetlands to pre-project conditions.
- A proposal for the temporary structure/work/fill, if not already provided, shall be submitted 14 days prior to construction and authorized/verified by the Nebraska Regulatory Office prior to the commencement of construction.
- The Nebraska Regulatory Office shall be notified with documentation (i.e. photos) when the site has been restored to its pre-project condition.

In compliance with General Condition 30, upon completion of the authorized work and any required mitigation, the Compliance Certification form must be signed and returned to the Corps of Engineers. Also, please send a copy to: (District Construction)

Lori Ellison-Wiig  
Project Development AND  
Environmental Section  
[lori.ellison-wiig@nebraska.gov](mailto:lori.ellison-wiig@nebraska.gov)

Nebraska Department of Environment and Energy  
Attn: CWA Section 401 Coordinator  
PO Box 98922  
Lincoln NE 68509-8922  
[ndeq.401certification@nebraska.gov](mailto:ndeq.401certification@nebraska.gov)  
Fax: (402) 471-2909

Page 2 of 8

Project Information Sheet  
NDOT Form 342

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

**Project Information Sheet**

**Estimate Status Code**  
 10 = Original Est.     30 = Update 1/Pre-PIH  
 15 = Pre-design Concept     40 = Update 2/Functional  
 20 = Proj. Dev. Est.     45 = Update 3/Post-LOC  
 25 = Proj. Dev. Est. Update     50 = Letting

**Distribution**  
 White - P.S.&E.  
 Yellow - Assistant Design Engineer  
 Pink - Program Manager  
 Gold/Red - Designer - Project File  
 Metric     English

Date: 6/15/20  
 Designer: Steven Reneker, Kirkham Michael    Project No.: BRO-7087(4)    Phone: 515-393-4773  
 Control No.: 32301    County(ies): Thurston    Design Std.: Local  
 Name/Location: Winnebago N    RP    NA    RP    NA    Length: 500'  
 Type of Improvement: Bridge Replacement

**ROW:**     Yes    1.8 Ac.    AC/SF @ \$    per AC/SF     Yes    \$    Lump Sum  
 Relocation    \$    Lump Sum     Building, etc.    \$    Lump Sum  
 No    1.4 Factor Applied     Yes     No

**Utilities:**     Yes    Calculated by P.S.&E.  
 No     No    \$    Lump Sum

**Preliminary Engineering:**     Yes    Calculated by P.S.&E.  
 No     No    \$    Lump Sum

**CONSTRUCTION DATA**

STA - STA	Reconstruction Resurfacing	Mainline Surfacing Type	Depth (Inches)	Width (Feet)	Shoulder Surfacing Type	Depth (Inches)	Width (Feet)	Work Done Under Traffic	Project Detoured No. of Shifts/Days (Estimate Only)	Traffic Control Phasing
12+50 - 17+50	x	Granular	20		Earth				x	

**BRIDGES**

RP	STA	New Widening Resurf. Other	Type of Structure	Exist. Length	Exist. Width Out-to-Out	Proposed Length	Proposed Width Out-to-Out	Feature Crossed
NA	14+90	x	I7600	171	22	180	32'-4"	S Omaha Creek

Anticipated Number of Construction Seasons: 1

Notes: \_\_\_\_\_

NDOT Form 342, November 2017

# Case Study

Project Quantity Sheet

GRADING									
	Quantity	Unit	Unit Price						
L006.00	COVERCROP SEEDING	1.00	ACRE						
L020.00	EROSION CONTROL								
L020	EROSION CONTROL, CLASS 1D	3,818.00	SY						
L021	EROSION CHECKS, TYPE								
L021	EROSION CHECKS, TYPE								
L022	FABRIC SILT FENCE, TYPE								
L022	FABRIC SILT FENCE, TYPE								
L022.11	FABRIC SILT FENCE-LOW POROSITY	287.00	LF						
1040.00	SLOPE PROTECTION								
1040.00	SLOPE PROTECTION MULCH (2 lbs/cy/2000) 1 lb/ton								
0030.10	MOBILIZATION	1.00	LS						
1000.00	LARGE TREE REMOVAL								
1009.00	GENERAL CLEARING AND GRUBBING	1.00	LS						
1010.00	EXCAVATION								
1010.01	EXCAVATION (E.C.)								
1010.10	EXCAVATION BORROW								
1030.00	EMBANKMENT								
1030.00	EARTHWORK MEASURED IN EMBANKMENT	2,992.00	CY						
1011.00	WATER	40.00	Mgal						
1012.00	ROW MARKER								
1101.00	REMOVE PAVEMENT								
1102.00	REMOVE ASPHALT SURFACE								
1106.00	REMOVE DRIVEWAY								
1107.00	REMOVE WALK								
1108.00	REMOVE COMB. CURB & GUTTER								
1109.00	REMOVE CURB								
1122.01	REMOVE CONC. MEDIAN SURFACING								
7017.00	REMOVE GUARDRAIL								
DRIVEWAY CULVERT PIPE									
Size	18"	24"	30"	36"	42"	48"	54"	60"	72"
1702	DR. CULV. PIPE, TYPE 3, 4, or 5	41							
	DR. CULV. PIPE, TYPE								
	DR. CULV. PIPE, TYPE								
	DR. CULV. PIPE, TYPE								
MSE WALLS									
4095.00	CONCRETE FACE PANEL								
4095.10	CONCRETE LEVELING PAD								
4095.20	COPING								
8024.75	SELECT GRANULAR BACKFILL								

NDOT Form 343, November 2017

Project No. BRO-7087(4)

Control No.: 32301

AGGREGATES			
	Quantity	Unit	Unit Price
2001.	GRAVEL SURFACE COURSE*	118.00	T
2010.	CRUSHED ROCK SURFACE COURSE*		T
2009.	GRAVEL EMBEDMENT*	3.40	STA
* DISTRICTS 1, 2 & 3 - TON ALL OTHERS - Cy or SY			
SURFACING II			
0003.01	INSTALL CONC. PROTECTION BARRIERS		
0003.75	TEMPORARY TRAFFIC SIGNAL		
0010.04	FIELD OFFICE		
0030.	MOBILIZATION		
3014.	COMB. CONCRETE CURB & GUTTER		
3016.	CONCRETE SIDEWALKS		
3017.	CONCRETE MEDIAN SURFACING		
3020.	CONCRETE DRIVEWAYS		
	CONCRETE PAVEMENT REPAIR, TYPE		X
3075.	* CONCRETE PAVEMENT, CLASS		
3075.	* CONCRETE PAVEMENT, CLASS		
3075.	* DOWELED CONCRETE PAVEMENT, CLASS		
8022.12	HYDRATED LIME FOR ASPHALT MIXTURES		
8029.	AGGREGATE FOUNDATION COURSE, IN.		
8029.	BITUMINOUS FOUNDATION COURSE, IN.		
8042.	CRUSHED CONCRETE FOUNDATION COURSE, IN.		
8111.	SHOULDER SUBGRADE PREPARATION		SY
9005.00	ASPHALT CONCRETE FOR PATCHING, TYPE		
9009.00	PLACE ASPH. CONC. INTERSECT. & DRIVES		
9021.	PERFORMANCE GRADED BINDER, TYPE		
9021.	PERFORMANCE GRADED BINDER, TYPE		
9034.00	PREP. OF INTERSECTIONS & DRIVES		
	ASPHALTIC CONCRETE, TYPE		
	ASPHALTIC CONCRETE, TYPE		
	ASPHALTIC CONCRETE, TYPE		
9053.00	TACK COAT		
9110.01	RENTAL OF LOADER		
9110.02	RENTAL OF MOTORGRADER		
9110.03	RENTAL OF PUMP TRUCK		
9110.07	RENTAL OF SKID LOADER		
9111.00	WATER		
9170.00	EARTH SHOULDER CONSTRUCTION	8.80	STA
9173.	SUBGRADE PREPARATION		SY
9173.10	TRENCHED WIDENING		
9179.	COLD MILLING, CLASS		SY
9179.	COLD MILLING, CLASS		DEPTH
9185.00	SURFACING UNDER GUARDRAIL		
X ATTACH M&R COMPS, IF AVAILABLE			

Control No. 32301

DRAINAGE									
	Quantity	Unit	Unit Price						
0030.40	MOBILIZATION								
4003.00	CAST IRON								
4010.00	MANHOLES								
4035.00	REMOVE FLARED END SECTION								
4040.00	REMOVE HEADWALL FROM CULVERT								
4040.00	REMOVE PIPE CULVERT								
4044.00	PREPARATION OF STRUCTURE								
	SIZE:								
	SIZE:								
	SIZE:								
4045.00	REMOVE STRUCTURE								
	DESCRIPTION:								
	DESCRIPTION:								
	DESCRIPTION:								
4050.01	EXCAVATION FOR PIPE CULV. & HEADWALL	872.00	CY						
4051.01	EXCAVATION FOR BOX CULVERT								
4100.00	CONCRETE FOR HEADWALL								
4101.00	CONCRETE FOR BOX CULVERT								
4105.50	CONCRETE FOR INLET & JUNCTION BOX								
4107.07	CONCRETE FOR COLLAR								
4150.00	RE-STEEL FOR HEADWALL								
4151.00	RE-STEEL FOR BOX CULVERT								
4155.50	RE-STEEL FOR INLET & JUNCTION BOX								
4157.00	RE-STEEL FOR COLLAR								
CULVERT PIPE									
Size	18"	24"	30"	36"	42"	48"	54"	60"	72"
P300	CULV. PIPE, TYPE 3, 4, or 5	212	101						
	CULV. PIPE, TYPE								
	CULV. PIPE, TYPE								
	CULV. PIPE, TYPE								
	CULV. PIPE, TYPE								
	CULV. PIPE, TYPE								
	CULV. PIPE, TYPE								
	RD. EQ. CULV. PIPE, TYPE								
	RD. EQ. CULV. PIPE, TYPE								
FLARED END SECTIONS									
Size	18"	24"	30"	36"	42"	48"	54"	60"	72"
	FLARED END SECTION	2	3						
	FLARED END SECTION								
	ROUND EQUIVALENT FES								

LANDSCAPING			
	Quantity	Unit	Unit Price
L001.01	SEEDING, TYPE "A"		
L001.02	SEEDING, TYPE "B"		
L010.00	SODDING		
L032.75	MULCH (2 Ton/Ac-Hay or 2.25 Ton/Ac-Straw)	2.00	TON
BRIDGES II			
0030.00	MOBILIZATION	1.00	LS
	BRIDGE, Sta. 14+90 to X	5,237.00	SF
	BRIDGE, X to X		SF
	BRIDGE, X to X		SF
	(USE OUT-TO-OUT FOR WIDTH)		
8040.00	REMOVE STRUCTURE	1.00	LS
	DESCRIPTION:		
	DESCRIPTION:		
3050.15	CONC. FOR PAVEMENT APPROACHES		
3051.10	STEEL FOR PAVEMENT APPROACHES		
X ATTACH DETAILED QUANTITIES, IF AVAILABLE X# TOTAL SQ. FT. OF PROPOSED STRUCTURE OR LUMP SUM AMOUNT SUPPLIED BY BRIDGE DIVISION			
GUARDRAIL			
0030.70	MOBILIZATION	1.00	LS
7011.20	W-BEAM GUARDRAIL	81.25	LF
7015.00	CABLE GUARDRAIL		
7020.00	BRIDGE APPROACH SECTION	4.00	EA
7021.	GUARDRAIL END TREATMENT, TYPE II	3.00	EA
7023.00	TERMINAL ANCHORAGE SECTION		
7020.00	END ANCHORAGE ASSEMBLY	1.00	EA
FENCING			
0030.71	MOBILIZATION		
	FENCE TYPE		
	END POSTS		
	CORNER POSTS		
	PULL POSTS		
ELECTRICAL II			
0030.81	MOBILIZATION		
0820.00	LIGHTING		
0830.00	TRAFFIC SIGNALS		
X ATTACH DETAILED QUANTITIES, IF AVAILABLE			
SIGNING II			
0040.32	MOBILIZATION		
0940.00	PERMANENT SIGNING		
X ATTACH DETAILED QUANTITIES, IF AVAILABLE			

# Case Study

RE: CN 32301, Winnebago North, Standard and Special Plans List, Price Variance



Steven Reneker <sreneker@kirkham.com>  
To: Rea, Daniel; Steffensmeier, Glen

EXTERNAL SENDER - This email originated from outside of the State of Nebraska Enterprise Email System. Even if you recognize the sender, DO NOT open ATTACHMENTS or LINKS unless you know the content is safe.

Dan

I don't think it will significantly effect the overall project cost, but the three corrugated metal letdown pipes will be more difficult to construct than average CMP pipe.

**KIRKHAM MICHAEL**  
1946 - Celebrating 75 Years - 2021

**Steven Reneker**  
Vice President

515-383-4773 phone  
515-419-6635 cell  
515-270-1067 fax

[sreneker@kirkham.com](mailto:sreneker@kirkham.com)

Iowa • Kansas • Nebraska <http://www.kirkham.com>




# Program Agreement

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

AGREEMENT ID				INSURANCE REQUIRED			EXECUTION DATE			ROUTING & REVIEW DATES		
D.P.R. AMENDMENT TYPE	YEAR	SEQUENCE NO.	SUPPLEMENTAL NO.	COVERAGE THRU	UPDATED BY	EXECUTION DATE	EFFECTIVE DATE	EXPIRATION DATE	1	2	3	4
B	M	16	82	000		12/10/14	12/12/14	11/2/21	12-6-16 <i>AB</i>	12-12-16 <i>AB</i>	12-7-2016 <i>AB</i>	12-9-14 <i>AB</i>
AGREEMENT CLASSIFICATION: <b>BT - DESIGN - LOCAL ROADWAY</b>				TOTAL DOLLARS: \$00						12-12-16 <i>AB</i>		
LOCATION: THURSTON COUNTY, BRO-7087(4)-CN 32301				BRIEF DESCRIPTION OF AGREEMENT: Program Agreement between Thurston County and NDOR						12-12-16 <i>AB</i>		
SEC CONTROL NO. (ALPHA)	FORWARDED PROJECT NUMBER (PROJECT NAME DESCRIPTION)	CONTRACTOR NUMBER - NAME (PROJECT LOCATION)								12-12-16 <i>AB</i>		
00	32301 BRO-7087(4) County Road 197 @ Aval approx 6.2 mi west of US-75/77 2	3087 - THURSTON COUNTY Winnebago North								12-12-16 <i>AB</i>		

*B/M/AB*



### LPA PROGRAM AGREEMENT- FEDERAL-AID FUNDS

THURSTON COUNTY  
STATE OF NEBRASKA, DEPARTMENT OF ROADS  
PROJECT NO. BRO-7087(4)  
STATE CONTROL NO. 32301  
WINNEBAGO NORTH

**THIS AGREEMENT** is between the Thurston County, Nebraska, a local public agency ("LPA"), and the State of Nebraska, Department of Roads ("State"), collectively referred to as the "Parties".

**WITNESSETH:**  
**WHEREAS**, Federal-aid funds are available for transportation projects on eligible routes within the jurisdiction of Local Public Agencies under Title 23 of the United States Code and 23 Code of Federal Regulations, and  
**WHEREAS**, federal law requires that the State act as a liaison for all Federal-aid local transportation projects, and  
**WHEREAS**, LPA has a proposed project on an eligible route that LPA would like to seek Federal-aid funds to reimburse LPA for a percentage of the eligible and participating costs of the project, and  
**WHEREAS**, LPA desires that this project, the location of which is shown on attached Exhibit "A", be developed and constructed under the designation of Project No. BRO-7087(4) as evidenced by the Resolution of the LPA dated the 14<sup>th</sup> day of November, 2015, attached as Exhibit "B" and made a part of this Agreement, and  
**WHEREAS**, the project is described generally as follows:  
 Improvements of the project would include removing and replacing the existing structure, surfacing and widening the existing roadway through the limits of guardrail on County Road B. Erosion control measures will be taken to lessen sediment runoff, and  
**WHEREAS**, the Federal share payable on any portion of a local Federal-aid project will be a maximum of 80 percent of the eligible and participating costs, the LPA's share will be use Thurston County's Soft Match Balance for the remaining 20 percent of the eligible and participating costs, and LPA will also be responsible for all other nonparticipating or ineligible costs of the project, and  
**WHEREAS**, regulations for implementing the provisions of the above mentioned act provide that the Federal share of the cost of those projects will be paid only to the State, and  
**WHEREAS**, the regulations further allow and State requires that LPA use its own funds to match Federal Funds for the costs of local transportation projects, and  
**WHEREAS**, State is willing to assist LPA in seeking Federal approval of the proposed project and use of Federal Funds to reimburse LPA for a percentage of the development and construction of the proposed improvement, with the understanding that LPA's project is not a State project and that no State Funds are to be expended on this project, and

Page 1 of 23

Project No. BRO-7087(4)  
Control No. 32301  
Winnebago North  
Template T-AGRS-21 Revised 7-30-15

**WHEREAS**, the LPA wishes and the State intends to act as the Responsible Charge (RC) for the project on the LPA's behalf, and  
**WHEREAS**, State is willing to act as RC so long as the State is reimbursed for its costs and the parties understand that the project will be LPA's project and LPA will have ultimate responsibility for the development and construction of the project, and  
**WHEREAS**, LPA understands that time is of the essence in the development of this project and LPA is willing to allow State to manage the schedule of the project and LPA commits to taking prompt action when requested by State so that this project will stay on schedule, and  
**WHEREAS**, LPA understands that the State, on behalf of LPA, will advertise the project for bids, conduct a letting, make award recommendations to LPA and prepare a construction contract for LPA's execution and use, and  
**WHEREAS**, the State will be responsible for paying directly the project construction contractor, preliminary and construction engineering providers, and any consultant related to Right-of-Way appraisal, appraisal review, negotiation and relocation assistance.  
**WHEREAS**, it is understood that the State will act in two capacities for this project:  
 (1) State will act as a liaison with Federal Highway Administration (FHWA) concerning issues about the eligibility of the project for Federal-aid funding, and (2) State will coordinate with the LPA to address any Federal-aid issues that have been identified with the project, and  
**WHEREAS**, the Parties understand that this Agreement will be posted to a publicly accessible database of agreements pursuant to the requirements Neo-Rev.Stat. § 84-602.02, unless otherwise provided by law.  
**WHEREAS**, Federal Regulations provide that the LPA shall not profit or otherwise gain from local property assessments that exceed the LPA's share of project costs, and  
**WHEREAS**, the funding for the project under this Agreement includes monies from the FHWA, therefore, if a non-federal entity expends \$750,000 or more in total federal awards in a fiscal year then the audit requirements of 2 CFR, Subtitle A, Chapter 2, Part 200, Subpart F, must be addressed as explained further in this Agreement, and  
**WHEREAS**, the planning level DR 530 estimate of the cost of the project is \$1,222,850.00 but such costs may increase or decrease due to variations between the estimated and actual project costs, and  
**WHEREAS**, LPA's share of Soft Match is estimated to be \$244,530.00. LPA's share of the project costs may increase or decrease due to variations between the estimated and actual project costs.

**NOW THEREFORE**, in consideration of these facts, the LPA and State agree as follows:

**SECTION 1. DEFINITIONS**  
 For purposes of this Agreement, the following definitions will apply:  
 •"CFA" means Catalog of Federal Domestic Assistance.  
 •"CFR" means the Code of Federal Regulations.  
 •"FHWA" means the Federal Highway Administration, United States Department of Transportation, Washington, D.C. 20590, acting through its authorized representatives.  
 •"LPA" means the Local Public Agency that is sponsoring a Federal-aid transportation project.

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Project No. BRO-7087(4)  
Control No. 32301  
Winnebago North

(AGREEMENT # *B/M/AB*)

Resolution G

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

**RESOLUTION**  
**APPROVAL OF PRELIMINARY PLANS, SPECIFICATIONS, AND ESTIMATES**  
**(PS&E)**

County of Thurston  
Resolution No. 21-06

**Whereas:** Thurston County and State entered into an LPA Program Agreement for State to assist County in the development and construction of an LPA Federal-aid transportation project;

**Whereas:** The State or the design consultant has developed the project plans to the point where they are ready to submit to State's PS & E Section for final edits for a bid letting;

**Whereas:** The LPA Program Agreement requires the County to review the preliminary PS & E package and either request modification or approve them as acceptable at this stage;

**Whereas:** County wishes to approve the preliminary PS & E package as prepared.

**Be It Resolved by the Thurston County Board of Supervisors that:**

Glen Meyer, Chair of the Thurston County Board of Supervisors, is hereby authorized to sign the bottom of this resolution and submit it to the State signifying the County's approval of the preliminary PS & E package.

NDOT Project Number: BRO-7087(4)  
NDOT Control Number: 32301  
NDOT Project Description: Winnebago North

Adopted this 15<sup>th</sup> day of March, 2021 at Pender Nebraska.  
(Month) (Year)

The Board of Supervisors of Thurston County, Nebraska

[Signature]  
/s/ Mark English


Board/Council Member Mayberry  
Moved the adoption of said resolution  
Member Trishie Seconded the Motion  
Roll Call: 1 Yes 0 No 0 Abstained 1 Absent  
Resolution adopted, signed and billed as adopted

COUNTY OF Thurston  
Glen Meyer  
[Signature]  
Chair, Board of Supervisors

Attest:

[Signature]  
Signature County Clerk

Resolution G - Preliminary PS & E Package  
(To be filled out by LPS RC)



# Case Study

## STATUS OF UTILITIES

Project No: BRO-70897(4)  
Control No: 32301  
Location: Thurston Co Winnebago N

The following information is current as of

Aerial and/or underground utilities may exist within the limits of this project. The Contractor shall determine to their satisfaction the extent of occupancy of any utility facilities located within the project construction areas and the extent of conflict with the proposed work under this contract.

Any utility adjustments or interruption of service for the convenience of the Contractor shall be the sole responsibility of the Contractor.

To arrange for utilities to locate and flag their underground facilities, contact Diggers Hotline of Nebraska at 1-800-331-5666, or dial 811.

The following utilities have known facilities within the project area:

**American Broadband:** Underground fiber line north of the road services the Sioux City airport and cannot be disrupted. Copper line on the south shoulder is planned to be abandoned.  
Bryce Reimers  
402-426-6237  
breimers@americanbb.com  
P.O. Box 293  
Walthill, NE 68067

**Burt County Public Power:** No known conflicts.  
Kevin Haber  
khaber@abnebraska.com

**Great Plains Communication:** No known conflicts.  
Mark Petersen  
mpetersen@gpcom.com

**MCI Communications:** No known conflicts. MCI nearest facility is a fiber line between the railroad and Hwy 75.  
Jeff Haldin  
501 S Phillips Ave  
Sioux Falls, SD  
605-366-8555

**Northern Natural Gas:** No known conflicts.  
Nathan Hanneman  
402-398-7520  
nathan.hanneman@nngco.com

The preceding is for the contractor's information only. It is the contractor's responsibility to verify the accuracy of the information.

All utility rehabilitation will be accomplished prior to or concurrent with construction.

It is the responsibility of the contractor to cooperate and coordinate his/her work with any utility work to be done concurrent with construction in an effort to complete both promptly. The contractor shall determine to his/her satisfaction the extent of utility occupancy and utility conflict for facilities located within the construction areas, including determining impacts and timeframes for completion.

## Standard Plans List

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

**STANDARD PLANS**  
**Thurston Co Winnebago North**  
**BRO-7087(4) CN 32301**

<b>Plan Book #</b>	<b>Std Plan #</b>	<b># of Sheets</b>	<b>Title</b>	<b>Effective Date</b>
4100-0-E-04	410-R4	2	Flared End Sections for Culvert Pipes	Jan. '18
5010-0-E-07	501-R7	3	Erosion Control	Jan. '18
5020-0-E-02	502-R2	2	Silt Fence	Jan. '18
7400-0-E-03	740-R1	3	Midwest Guardrail System Bridge Approach Section	Jan. '18
7430-0-E-03	743-R3	4	Guardrail Details	Jul. '20
7450-0-E-02	745-R2	2	End Anchorage Assembly	Jul. '20
9200-0-E-07	920-R7	3	Traffic Control Construction and Maintenance	Jan. '18
9210-0-E-08	921-R8	2	Traffic Control Construction and Maintenance	Jan. '18
9230-0-E-02	923-R2	1	Traffic Control Road Closure	Jan. '18

# ROW Certificates

# Case Study

WINNEBAGO NORTH  
BRO-7087(4)  
CN 32301

STATE OF NEBRASKA  
RIGHT OF WAY CERTIFICATE  
FOR LOCAL ROADS AND STREETS

Date: January 27, 2021  
Project No.: BRO-7087(4)  
Control No.: 32301  
Project: Winnebago North

The Nebraska Department of Transportation has reviewed the Local Public Agency's Right of Way Certificate and tract files for the above captioned project.

NDOT certifies that the Right of Way Certificate is acceptable and that all Right of Way acquired for the project is in accordance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 and all Federal and State's guidelines.

There is NO RAILROAD acquisition on this project.

There was NO RELOCATION ASSISTANCE required on this project.

NDOT has verified that there are NO ROW Encroachments.

  
Brendon Schmidt  
Manager, Right of Way Division  
Nebraska Department of Transportation

  
L.P.A. Right of Way Coordinator  
Nebraska Department of Transportation

ROW 1/VS

Right of Way Certificate  
For County or City Federal-Aid Highway Projects

(This certificate must be furnished to the Department of Transportation before a project can be advertised for letting.)

TO:	THE NEBRASKA DEPARTMENT OF TRANSPORTATION
Federal Aid Project No.:	BRO-7087(4)
Name of Project:	Winnebago North
Right of Way Tract Nos. on this Project:	2

Acquisition Statement

This is to certify that the necessary right of way, including control of access rights when pertinent, for this project has all been acquired in compliance with the provisions of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, including legal and physical possession.

Encroachment Statement for Existing Public Right of Way for this Project (place check in appropriate box)

- There were not any encroachments on the existing right of way for this project.
- All encroachments have been removed from the right of way.
- All encroachments have not been removed from the right of way, but provisions have been made for their removal by \_\_\_\_\_.
- Encroachments are permitted under the Agency's permitting process, the permit is on file for review.

Utility Statement (place check in appropriate box)

- There are not any utility conflicts with this project.
- All necessary arrangements have been made for utility modification to be undertaken and completed concurrently with the project construction or provisions have been made for such work to be completed by \_\_\_\_\_.

Improvement Clearance on New Right of Way (place check in appropriate box)

- There are not any improvements in the new right of way.
- All improvements have been cleared from the new right of way.
- All necessary arrangements have been made for improvement clearance from the new right of way to be undertaken and completed concurrently with the project construction or provisions have been made for such work to be completed by \_\_\_\_\_.

Railroad Statement (place check in appropriate box)

- There are not any railroad conflicts with this project.
- All necessary agreements and modifications to railroad conflicts have been completed or provisions made for such work to be completed by \_\_\_\_\_.
- All necessary agreements and arrangements have been made for railroad modification to be undertaken and completed concurrently with the project construction.

AP-1R

Relocation Statement (place check in appropriate box)

Situation

- No relocation assistance of any type.
- Only Residential Relocation and it is complete.
- Only Business or Personal Property Relocation and it is complete.
- Both Residential and Business or Personal Property and it is complete.

Statement

No individual or families were required to be relocated.

Steps relative to relocation advisory assistance and payments for businesses and moving personal property as required by the current Federal Highway Administration directives covering the administration of the Highway Relocation Assistance Program are not required.

All individuals and families have been relocated to decent, safe, and sanitary housing or adequate replacement housing in accordance with Federal Highway Administration directives have made available to those displaced.

Steps relative to relocation advisory assistance and payments as required by the current Federal Highway Administration directives covering the administration of the Highway Relocation Assistance Program are not required.

No individual or families were required to be relocated.

Steps relative to relocation advisory assistance and payments for business and moving personal property as required by the current Federal Highway Administration directives covering the administration of the Highway Relocation Assistance Program have been taken.

All individuals and families have been relocated to decent, safe, and sanitary housing or adequate replacement housing in accordance with Federal Highway Administration directives have made available to those displaced.

Steps relative to relocation advisory assistance and payments as required by the current Federal Highway Administration directives covering the administration of the Highway Relocation Assistance Program have been taken.

The right of way for this project is now available for immediate construction and it is recommended that this project be advanced to letting stage.

Dated this 27<sup>th</sup> day of January, 2021.

CITY or  COUNTY of Thurston

Certified By:

  
Signature

Glen Steffensmeier

Typed or Printed Name

Project Coordinator/ Responsible Charge

Typed or Printed Title

If there are any exceptions, list and explain fully on additional page.

AP-1R



# End

**Daniel G. Rea, P.E.**

*Unit Engineer | Local Assistance Division*

OFFICE 402-479-4738 FAX 402-479-3636  
daniel.rea@nebraska.gov

**Department of Transportation**

1400 Highway 2  
PO Box 94759  
Lincoln, NE 68509-4759

[dot.nebraska.gov](http://dot.nebraska.gov)

**NEBRASKA**  
Good Life. Great Journey.



