Probable Class of NEPA Action Form

**Attach the DR 530 for an LPA project, DR-73 for a State project, and an aerial location map of the project which includes project start and end points.*

Date this DR-53 was Completed:	Control Number: *(NDOR Completes)*	Project No.: *(NDOR Completes)*
9/16/16	51228	RD-26-1(170)

Project Name:
Northport East

☐ LPA Project ☒ State Project

Local Public Agency or NDOR District and County Project Located In:
District 5, Morrill County

Answer the following questions: (*See Instructions*)	**Yes**	**No**
1. Would the project construct a new roadway on a new location?	☐	☒
a. If yes, would the new roadway have 4 or more lanes?	☐	☐
2. Would the project create a new access controlled freeway facility?	☐	☒
3. Would the project include a new interchange?	☐	☒
4. Is it likely the project would disturb any ground outside the existing paved roadway surface?	☐	☒
5. Is it likely the project would add capacity *(adding thru lanes to a road, fly-by lane, passing lane, auxiliary or turn lane that is > or = 1 mile in length)* to an existing roadway?	☐	☒
6. Is it likely the project would close a road, bridge, or access for more than 3 consecutive days?	☐	☒
7. Is it likely the project would disturb natural ground *(soil)* below or beyond existing fill material?	☐	☒
8. Is it likely the project would require the acquisition of right-of-way *(ROW)*, including permanent easements and/or temporary construction easements?	☐	☒
a. If yes, is it likely more than 1.5 acres per linear mile of ROW or easements would be needed?	☐	☐
b. If yes, is it likely farmland would be purchased?	☐	☐
c. Is it likely the project would require homes, businesses, or farms to be relocated?	☐	☐
9. Is it likely the project would change access control rights to an existing roadway?	☐	☒
10. Is there known public opposition or controversy related to this project or is it anticipated?	☐	☒
11. Is additional outreach proposed beyond the program hearing/meeting?	☐	☒
12. Are there any Section 4(f) properties *(including: publicly owned parkland, trail, wildlife refuge, or known historic properties)* present along or within 0.25 mile of the project?	☒	☐
a. If yes, is it likely the project would impact a Section 4(f) property?	☐	☒
13. Based on past experiences or to your knowledge, is the project adjacent to structures that are 50 years old or older, or are there any known historic structures in the project area?	☐	☒
14. Would the project affect an eligible historic bridge?	☐	☒
15. Based on past experiences or to the best of your knowledge, are there any State or Federally listed Threatened or Endangered Species or critical habitat within the project area?	☒	☐
16. Are any of the following water bodies located within the project limits? ☒ Creek or Stream Channel ☐ Lake ☒ River ☐ Drainage Ditch ☐ N/A		
a. If any water bodies are in the project limits, then how often is water present in them? ☒ Always present ☒ Sometimes present ☐ Rarely present ☐ N/A		
b. Is it likely the project would impact any of the following? *(Check all that apply)* ☐ Creek or Stream Channel ☐ Lake ☐ River ☐ Drainage Ditch ☒ N/A		

17. To your knowledge, do any of the following exist within or adjacent to the project limits? *(Check all that apply)*
    - ☒ Above or below ground storage tanks
    - ☒ Past chemical spills or releases
    - ☐ Operational and/or closed dump or landfill
    - ☒ Industrial or commercial areas
    - ☐ None known

18. Do any of the following statements describe areas within the project limits? *(Check all that apply)*
    - ☐ There is standing water in the project area.
    - ☒ There area areas that hold water longer after it rains and/or do not drain well.
    - ☒ There are areas that appear to be soggy or swampy.
    - ☒ There are known wetlands in the project area.
    - ☒ Wetland plants are located in the project area *(e.g., cattails, reed-canary grass)*

    a. If any boxes were checked in 18 above, is it likely any of those areas would be impacted by project construction? ☐ Yes ☒ No

19. I have attached an aerial location map to this form which shows the project location and contains enough detail for someone from the public to find the project site. ☒ Yes

Please add any additional comments to support the information in this form. *(*Include any public involvement that has occurred.)*

12. Broadwater City Park is within 0.25 mile of the project, but no impacts are anticipated.

15. The following species were identified within 5 miles of the project: river otter, bald eagle, and swift fox.

Document Preparer's Signature:

I certify the information in this form accurately reflects what I know about this project at this time.

Wendy J. Austin	Wendy J. Austin	9/19/2016
(Print Name)	*(Signature)*	*(Date)*

NDOR Highway Environmental Biologist - NEPA Specialist

(Organization and Title)

(402)479-3632	wendy.austin@nebraska.gov
(Phone – include Area Code)	*(Email)*

The following is for NDOR Use Only

*Environmental Justice/Title VI/*LEP

Civil Rights Staff completes the following:

Does the study area contain high concentrations of low-income or minority populations when compared to the area surrounding the study area and/or the city/county as a whole? ☒ Yes ☐ No

Does 5% or greater, or 1,000 persons or greater, or the affected population primarily speak a language other than English and also speak English "less than very well"? ☐ Yes ☒ No

If yes to any of the questions above, please describe what kind of analysis is recommended for the project based on the project scope and project description. ☐ Yes ☐ No

Chris Hassler — Hwy Civil Rights Coordinator — 9/28/2016
(Print Name) *(Signature and Title)* *(Date)*

Civil Rights Staff Comments: *(Early Guidance for the Project Proponent)*

EJ memo required.

Noise and Air Study

Noise & Air Section completes the following:

Is a noise analysis warranted* *(Type I Project)*? ☐ Yes ☒ No

Is an air analysis warranted? ☐ Yes ☒ No

MSAT Analysis Level (Check one) ☒ 1 ☐ 2 ☐ 3

If yes, please identify the type(s) of analysis required.

* Note to Project Sponsor: If the vertical or horizontal alignment is changed, or if the design capacity is modified after DR-53 approval, reconsult with the Noise and Air staff.

Will Packard — Hwy. Env. Specialist — 9/21/16
(Print Name) *(Signature and Title)* *(Date)*

Noise and Air Staff Comments: *(Early Guidance for the Project Proponent)*

Public Involvement

Public Involvement Coordinator completes the following:

Based on the NDOR PIP, the DR-53 Guidelines, or characteristics of the project scope, location or community, is additional outreach required beyond the project's program meeting or what is proposed? ☐ Yes ☒ ~~No~~

If yes, what type of additional public involvement is recommended:

- ☐ Public Involvement Campaigns ~~*(i.e., targeted mailings, new release, etc.)*~~
- ☐ Public Meeting
- ☐ Other

Sarah Kugler — Pub Inv. Mg — 9/27/16
(Print Name) *(Signature and Title)* *(Date)*

Public Involvement Coordinator Comments: *(Early Guidance for the Project Proponent)*

Probable Class of NEPA Action

NDOR Environmental Section completes the following:

NDOR has reviewed this form and recommends the following Probable Class of NEPA Action for this project:

- ☒ Programmatic Categorical Exclusion or Categorical Exclusion
- ☐ Environmental Assessment
- ☐ Environmental Impact Statement

Carmen Modrcin	NEPA Specialist	9/28/2016
(Print Name)	*(Signature and Title)*	*(Date)*

NDOR Comments: *(Early Guidance for the Project Proponent)*

FHWA Concurrence on NDOR's Recommended Probable Class of NEPA Action for this project:

(Print Name)	*(Signature and Title)*	*(Date)*

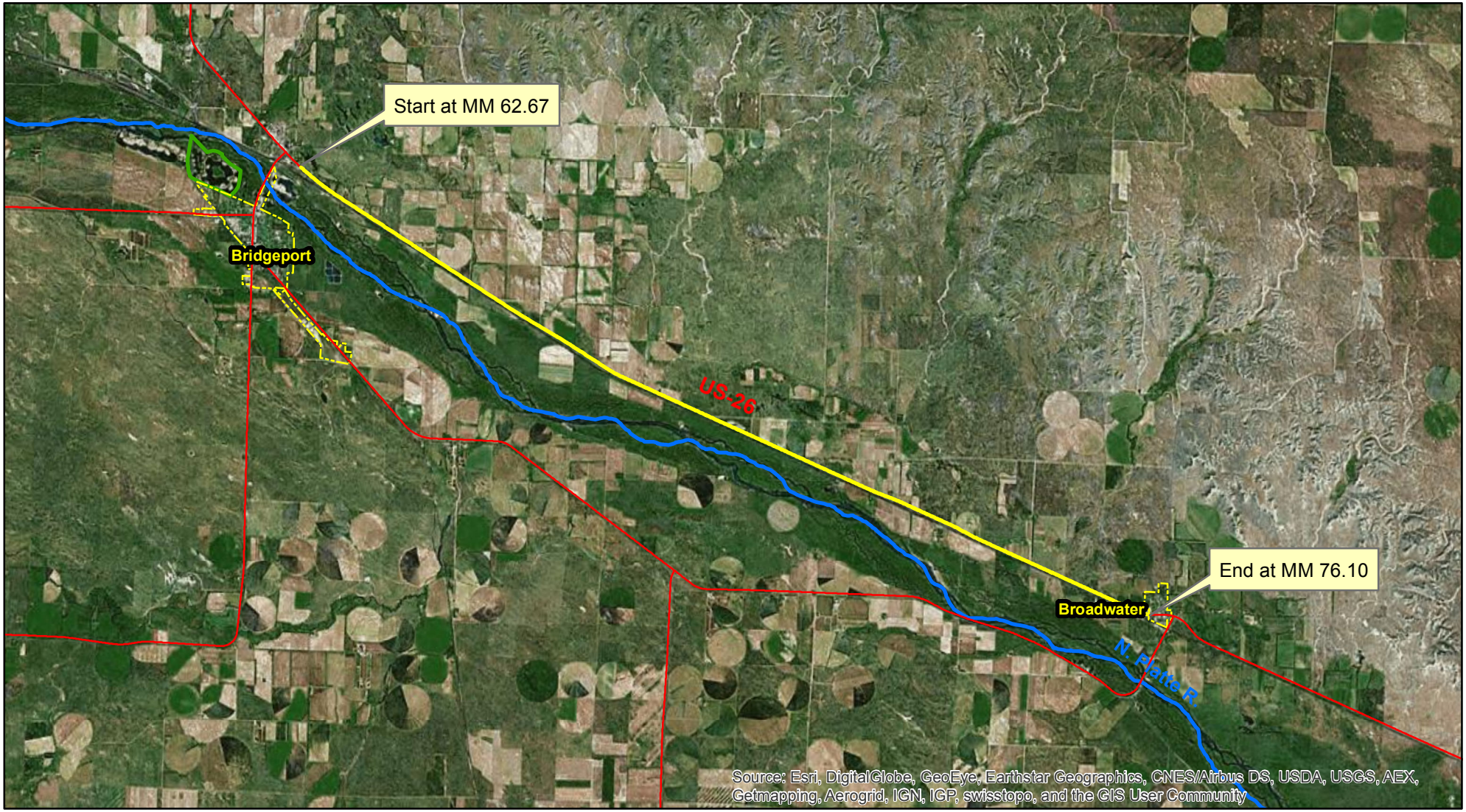
FHWA concurrence is based on the information known at the time of coordination. This is the probable class of NEPA action and is subject to change as the proposed project progresses and more information is learned about the project, surrounding area, and impacted resources.

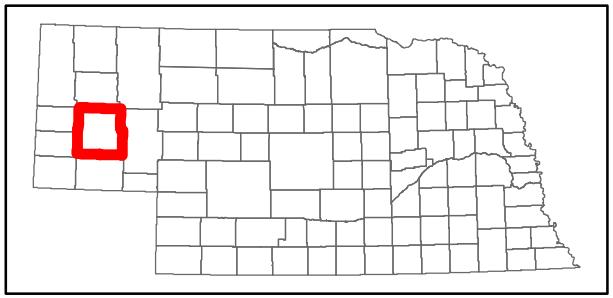
FHWA Comments: *(Early Guidance for the Project Proponent)*

Northport East

Control No. 51228

Project No. RD-26-1(170)





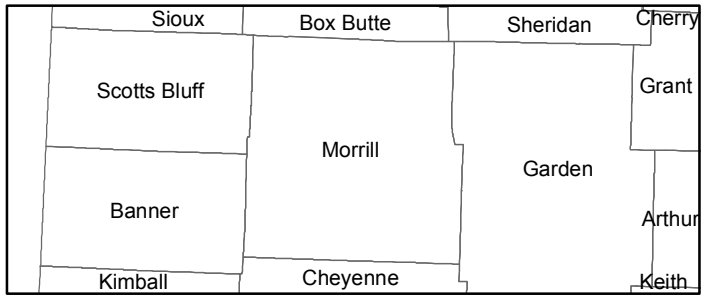
0 45 90 180 270 360 Miles

NEBRASKA

Good Life. Great Journey.

DEPARTMENT OF ROADS

N W E S



Changed from State to Federal funds, formerly RD-26-1(1055). bb 9/14/2016

☑ New ☐ Revised

State of Nebraska
Department of Roads

Project Initiation Request

TO BE COMPLETED BY PROGRAM MANAGEMENT SECTION		
FUNDING	Control No.:	51228
☐ Federal ☑ State ☑ Asset Preservation ☐ Capital Improvement	Project No.:	NH-26-1(170)
	Project Name:	Northport East

APPROVALS

District Engineer	Date	Requested Fiscal Year	☐ Consider Safety Funds
Hoevet, Doug	6/25/2015	2021	☐ City/Local Participation

Approved by Deputy Director-Engineering	Date	Approved by Program Management Engineer	Date
Syslo, Mick	7/21/2015	Starr, Amy	4/29/2015

Name of Estimator:	Jording, Shawn	Date:	4/7/2015	Estimate:	$3,907,795.00

PROJECT LIMITS

Highway No.	From Ref. Post	To Ref. Post	Length	Lane Direction	County	NHS	National Functional Classification
026	62.670	76.100	13.430	Both Directions	Morrill	Yes	RURAL-PRINCIPAL ARTERIAL-OTHER

EXISTING CROSS SECTION

Segment	Traveled Way Width	Total Shoulder Width	Surfaced Shoulder Width	Surface Description
026 61.830 - 62.670 B	24.000	10.000	8.000	CONCRETE
026 62.670 - 76.100 B	24.000	10.000	8.000	ASPHALT
026 76.100 - 88.930 B	24.000	10.000	8.000	ASPHALT

PAVEMENT DATA

POP as of date: 9/17/2012

Segment	NSI	PSI	Rut Depth	Faulting	Age	Optimum Year	Critical Year
026 61.830 - 62.670 B	81.59	3.90	0.00	2.0	17	2020	2026
026 62.670 - 76.100 B	97.45	4.20	1.80	0.0	5	2026	2030
026 76.100 - 88.930 B	97.25	4.20	2.49	0.0	5	2026	2030

PROJECT TRAFFIC DATA

Highway No.	From Ref. Post	To Ref. Post	ADT	3R Year	20-Year ADT	% Trucks
026	62.670	76.100	2224	2721	3103	19

Safety Analysis Required: ☐ Yes ☐ No

Crash History and Safety Analysis Completion Date:

BRIDGE DATA

Structure No.	Type	Length	Clear Rdwy. Width	No. of Barrels	Span	Rise	Sufficiency Rating	Strategy
S026 06723	stl grdr simple	32.000	44.300	0	0	0	92.500	UIP
Work Description:	UIP inlay into end of floor							
S026 07080	conc box culvert	52.000	0.000	0	0	0	87.400	UIP
Work Description:	UIP - CBC							
S026 07252	conc slab cont	96.000	44.300	0	0	0	89.700	UIP
Work Description:	UIP inlay into end of floor							
S026 07462	conc slab cont	96.000	44.300	0	0	0	85.500	UIP
Work	UIP inlay into end of floor							

Description:	

Bridge Division reviewed these structures on: 2/9/2015

PURPOSE & NEED

The purpose of this project is to preserve the transportation asset, improve the reliability of the transportation system and perpetuate the mobility of the traveling public.

The need for this project is based on information from the NDOR's Pavement Management System, Materials & Research Pavement Design section and District 5. These entities have determined that pavement preservation activities are required on this segment of US-26 in order to extend the life of the pavement. The existing asphalt is 8 years old, and will be 11 years old at the time of construction, and therefore at or beyond the end of its anticipated service life. In the most recent five years, an average of $3,069 per lane per mile has been spent annually on maintenance activities, including patching, armor coating, and shoulder maintenance. This amount of expenditure on maintenance activities is indicative of a poor condition and may be masking the true condition of the pavement.

PROJECT DESCRIPTION

This project will resurface 13.43 miles of US-26 located in Morrill County, starting 0.30 miles southeast of the North Junction US-26 with US-385, at mile marker (MM) 62+67, and extending southeast to MM 76+10, 0.34 miles west of the West Junction US-26 with N-92. Construction may begin and/or end approximately 200 feet ahead of or beyond the actual project limits to accommodate transitioning the pavement.

The existing roadway on this segment of US-26 consists of two 12 foot wide asphalt lanes and 10 foot wide shoulders, of which 8 feet is paved with asphalt.

The improvements on this project consist of milling and resurfacing the roadway and surfaced shoulders with asphalt.

Scope details include:
- The existing asphalt will be milled prior to resurfacing.
- Asphalt patching operations will be performed prior to resurfacing.
- Existing surfaced driveways and intersections will be resurfaced.
- Rumble strips will be constructed on the resurfaced shoulders.
- Permanent pavement markings will be applied to all new surfacing.
- No additional property rights will be required to build this project.
- Access to adjacent properties will be maintained during construction but may be limited at times due to phasing requirements.
- This project will be constructed under traffic with lane closures controlled by appropriate traffic control devices and practices.

PROPOSED DESIGN STANDARDS

Preventative Maintenance ☑ Yes ☐ No 3R Standards ☐ Yes ☑ No New & Reconstruction ☐ Yes ☑ No

PAVEMENT STRATEGY

Project RD-26-1(1055), Northport East, CN 51228

Mainline – Mill 2" of existing asphalt by Cold Milling, Class 3. Place 2" of Asphaltic Concrete, Type SPR.

Shoulders – Mill 2" of existing asphalt by Cold Milling, Class 3. Place 2" of Asphaltic Concrete, Type SPS.

Historical Marker Turnout – Mill 2" of existing asphalt, Place 2" of Asphaltic Concrete, Type SPR. Verify at PIH.

Drives – Mill 2", Fill 2". Verify at PIH.
Intersections – Mill 2", Fill 2". Verify at PIH.

Repair Estimate – AC Patching 1300 Tons (100T/mi average).

Note: Surface will be 10yrs. old when constructed in 2017. May be able to move back if condition permits. Project 26-1(168), Broadwater Northwest, CN 57556 (bridges only RP 67.23, 72.52 and 74.62) is currently scheduled to be built in 2018.

PRELIMINARY GIS ENVIRONMENTAL REVIEW

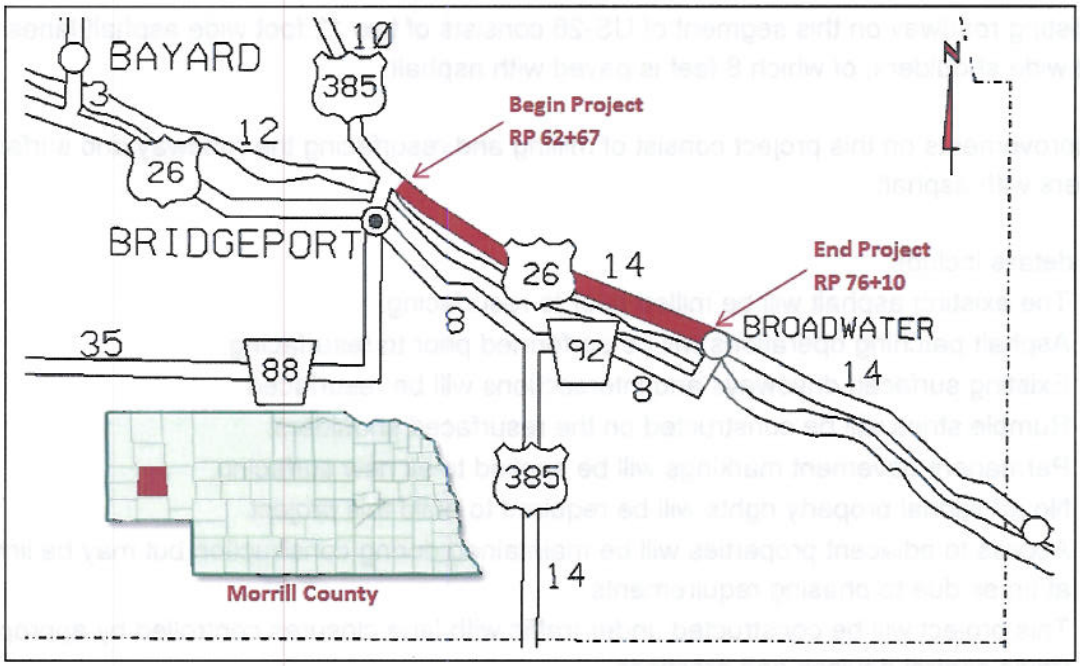
GIS Environmental Review Required? ☑ Yes ☐ No

Completion Date: 3/15/2015

SUPPORTING DATA
Survey Needed: ☐ Yes ☑ No
Additional ROW Needed: ☐ Yes ☑ No
City Agreement: ☐ Yes ☑ No
Railroad Agreement: ☐ Yes ☑ No ☐ Special Provisions
Lighting *(Check Warrants)*: ☐ Yes ☑ No
Within MPA or 1st Class City: ☐ MPA ☐ 1st Class City ☑ Not Applicable
Within MS4 Location: ☐ Yes ☑ No

ADDITIONAL INFORMATION
Revised DR-73 Project Comments:

PROGRAM MANAGEMENT			
Programmed Fiscal Year:	2018	Programmed Letting Date:	7/27/2017
Begin Construction Date:		End Construction Date:	
Clarity Project Manager:	Grupe, James	Design Assignment:	Chris Dowding



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- Access to adjacent properties will be maintained during construction but may be limited at times due to phasing requirements.
- This project will be constructed under traffic with lane closures controlled by appropriate traffic control devices and practices.

The estimated cost for this project is: **$ 3,907,795.**

Existing Typical Cross Section

Location	Lane Width & Type	Shoulder Width & Type
RP 62+67 – RP 76+10	2-12' Asphalt	10' (8' Asphalt)

A Historical Marker Turnout exists at RP 64+53.

Existing Pavement Condition

The following information was obtained from NDOR Pavement Management System records.

R.P. – R.P.	Pavement Age	Rutting Depth	NSI	PSI	Optimum Rehab. Year	Critical Rehab. Year
62+67 – 76+10	8 Years	3.2 mm	92	4.2	2026	2030

This roadway segment was originally taken on the State Highway System in 1940 when it was graded and surfaced with 4" of asphalt base course and 7"-9" of concrete. In 1972, the roadway was resurfaced with 3 ½" of asphalt. The roadway was then resurfaced in 1989 with 2 ½"-7" of asphalt. Most recently, the roadway was resurfaced with 2 ½"-3 ¾" of asphalt, when the existing surface was also milled 1"-2" and 4" of Hydrated Lime Slurry Stabilization was performed.

Pavement Recommendation

Mainline – Mill 2" of existing asphalt by Cold Milling, Class 3. Place 2" of Asphaltic Concrete, Type SPR.

Shoulders – Mill 2" of existing asphalt by Cold Milling, Class 3. Place 2" of Asphaltic Concrete, Type SPS.

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Drives – Mill 2", Fill 2". Verify at PIH.
Intersections – Mill 2", Fill 2". Verify at PIH.

Repair Estimate – AC Patching 1300 Tons (100T/mi average).

Existing Structures

Reference Post	Type of Structure	Length	Clear Roadway Width	Proposed Treatment
67+23	Simple Steel Girder Bridge	32'	44.3'	UIP Inlay into End-of-Floor
70+80	Quadruple 12'x6' CBC	85.5'	N/A	UIP
72+52	Continuous Concrete Slab Bridge	96'	44.3'	UIP Inlay into End-of-Floor
74+62	Continuous Concrete Slab Bridge	96'	44.3'	UIP Inlay into End-of-Floor

These structures were reviewed by Bridge Division on 02/09/2015.

Environmental Review

A preliminary wetland/water resource review has been conducted via GIS desktop review by the Environmental Permits Unit. From this review, wetland and/or water resources have been identified within the project study area. Impacts to these resources are not anticipated based on the current scope of the project.

The project does not appear to have a "Zone A" floodplain within the project study area; therefore, a floodplain permit will not be required from the local authority.

The project does not appear to have FEMA identified floodway within the project study area.

State and Federal listed threatened and endangered species identified within Morrill County include the Blowout Penstemon, Whooping Crane, River Otter, Bald Eagle and Swift Fox. Of these species, the River Otter, Bald Eagle and Swift Fox have been identified within 5 miles of the project.

The project is within the following wellhead protection area as identified by the Nebraska Department of Environmental Quality: The Village of Broadwater.

The Nebraska Department of Environmental Quality Interactive Mapping Application was used to search adjacent properties for all DEQ Program site locations. This search produced at least one location that is classified as "Active" in each of the following programs:

- Clean Air Act (AIR)
- Integrated Waste Management (IWM)
- Leaking Storage Tanks (LST)
- Livestock Waste Control (LWC)
- NPDES Permits and Compliance (PCS)
- Onsite Wastewater Treatment (OWT)
- Petroleum Release Remediation (PRR)
- Release Assessment (RA)
- Resource Conservation Recovery (RCR)
- SARA Title III (TL3)
- Underground Injection Control (UIC)

DEQ lists indicate there are no permitted or non-permitted landfill sites near this project.

No 4(f) or 6(f) defined properties were identified within or adjacent to this project.

No historic bridges were identified on this project. No Historical Register or eligible sites are listed within the project footprint.

Public Involvement

Throughout the life of a transportation project, there are multiple opportunities for public involvement and coordination in the decision-making process.

This project was available for public comment during the biennial District Surface Transportation Program Hearing, at which the One- and Five-Year Highway Program was presented. This hearing is held in conjunction with a State Highway Commission meeting. The two-year calendar for the date and location of the hearing was made available on the NDOR website. The hearing for this District was advertised three weeks prior, and the NDOR prepared a press release notifying the public of the opportunity for public comment two weeks in advance. Furthermore, individual postcards were mailed to a database of interested citizens and project stakeholders three weeks before the hearing. The Surface Transportation Program book is

available at all times for public comment via the NDOR website, and is also available in hardcopy for review at the District office and Central Headquarters.

No additional public involvement events are anticipated at this time.

Schedule

Based on the current scope of this project and the associated impacts, a Maintenance schedule without right-of-way impacts can be used.