Wetlands PQS Memorandum

DATE 5/9/2016

TO Ryan Walkowiak, NDOR EDU

FROM Patrick Sward, NDOR EPU

SUBJECT Wetlands PQS Memo
Project No: STP-92-1(126)
Control No: 51543
Project Name: Gering – South Bayard

☐A wetland delineation was completed Click here to enter a date.
Or
☒A desktop review was completed on 5/9/2016

Are there wetlands, stream channels, or other waters within the study area?
☒ Yes ☐ No

Will the action result in wetland impacts in accordance with Section 404 of the Clean Water Act and/or Nebraska State Title 117?
☐ Yes ☒ No ☐ Not Applicable

If the project is processed with a Nationwide Permit, is a Pre-construction Notification required?
☐ Yes ☐ No ☒ Not Applicable

Describe resources, <u>potential</u> impacts and anticipated permit type (*Include estimated permanent wetland impacts (acres). If known, also provide estimated temporary wetland impacts (acres), estimated channel impacts (linear feet/acres), special wetland areas, cause of impacts, and any Nationwide Permit information.*): Based on a desktop review and on the current project scope as per the project description, impacts to wetlands and/or Waters of the US are not anticipated as a result of this NDOR roadway project. The project encompasses approximately 16-mi. resurfacing with three bridge repairs, and no culvert work; nor will any additional ROW be acquired. All wetlands within the project area are listed on Attachment 1 of the Environmental Commitment for the Contractor as avoidance area.

Cowardin Class Impacted (*Select all that apply*)
☐ Palustrine ☐ Riverine ☐ Lacustrine ☒ Not Applicable

Describe any coordination conducted to date with officials/agencies (*Include: Any coordination with USACE)*: No permitting nor coordination with the USACE is required for this roadway project.

Wetlands/Waters of the U.S. Mitigation
☐ On-Site/Permittee Responsible ☐ USACE Approved Mitigation Bank Site ☒ Not Applicable

Wetlands/Waters of the U.S. Commitments:
The Contractor shall not stage, store, waste or stockpile materials and equipment in undisturbed locations, or in known/potential wetlands and/or known/potential streams that exhibit a clear "bed and Bank" channel. Potential wetland areas consist of any area that is known to pond water, swampy areas or areas supporting known wetland vegetation or areas where there is a distinct difference in vegetation (at lower elevations) from the surrounding upland areas.

☐ All wetlands/waters within the project area that are not permitted for impacts will be marked on the 2W aerial sheets for the contractor as avoidance areas.

Select the following that apply:
☒ No wetland impacts are anticipated for this project; however, if impacts are found during design, the required permits shall be obtained prior to letting. NDOR Environmental shall reevaluate the project for the change in impacts. All wetlands within the project area shall be marked on the project plans or listed on Attachment 1 of the Environmental Commitment for the Contractor as avoidance areas. (NDOR Design, NDOR Environmental)

☐ The project qualifies under Nationwide Permit # Non-notifying Nationwide Permit Number. The contractor shall adhere to the permit conditions, including regional and general conditions, during construction. (Contractor)

☐ The project will require a Nationwide Permit for impacts to waters of the U.S. The permit shall be obtained prior to project letting. The contractor shall adhere to all permit conditions, including regional and general conditions, during construction. (NDOR Environmental, Contractor)

☐ The project will require a Title 117 Letter of Opinion for impacts to waters of the State. (NDOR Environmental, Contractor)

Project Description:
On-Base Project Description dated 3/18/2015. This project will resurface 16.65 miles of N-92 located in Scotts Bluff and Morrill Counties, starting 0.26 miles west of the east corporate limits of Gering, at mile marker (MM) 26+58, and extending east to MM 32+72, 0.27 miles west of the west corporate limits of Melbeta. Then, continuing 0.15 miles east of the east corporate limits of Melbeta, at MM 33+36, and extending east to MM 43+87, 0.15 miles east of Chimney Rock Road.

This project will also resurface 2.04 miles of L79E located in Scotts Bluff County, starting 0.06 miles south of the US-26/L79E junction, at MM 0+06, and extending south to MM 2+10, 0.03 miles north of the N-92/L79E junction.

The existing roadway on this segment of N-92 consists of the following:

- MM 26+58 – MM 26+97: This segment consists of two 12 foot wide asphalt lanes with 12 foot wide left turn lanes, painted median divided and 10 foot wide shoulders, of which 8 feet is surfaced with asphalt.
- MM 26+97 – MM 32+72: This segment consists of two 12 foot wide asphalt lanes and 10 foot wide shoulders, of which 8 feet is surfaced with asphalt. A historical marker turnout also exists at MM 32+16.
- MM 33+36 – MM 43+87: This segment consists of two 12 foot wide asphalt lanes and 10 foot wide shoulders, of which 8 feet is surfaced with asphalt. A right turn lane also exists at MM 38+93, and a historical marker turnout at MM 43+33.

The existing roadway on this segment of L79E consists of the following:

- MM 0+06 – MM 2+07: This segment consists of two 12 foot wide asphalt lanes and 8 foot wide shoulders, of which 2 feet is surfaced with asphalt.
- MM 2+07 – MM 2+10: This segment consists of two 12 foot wide asphalt lanes with raised median divided and 8 foot wide shoulders, of which 2 feet is surfaced with asphalt.

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

Scope details include:

- The deck on the bridge over N-92 (Structure Number S092 02714) and the decks on the bridges over L79E (Structure Numbers SL79E00127 & SL79E00145) will be repaired prior to resurfacing.
- The existing asphalt will be milled prior to resurfacing.
- Asphalt patching operations will be performed prior to resurfacing.
- The existing earth shoulders will be brought up to match the new asphalt.
- Rumble strips will be constructed on the resurfaced shoulders of N-92.
- 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.