Wetlands PQS Memorandum

DATE 3/25/2016

TO Wendy Austin, NDOR EDU

FROM Roger Yerdon, NDOR EPU

SUBJECT Wetlands PQS Memo
Project No: STP-71-4(123)
Control No: 51532
Project Name: Crawford South

☐A wetland delineation was completed Click here to enter a date.
Or
☒A desktop review was completed on 3/17/2015

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.*): Due to the scope of this project, no impacts are anticipated. No permit will be needed.

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)*: N/A

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 one of the following:

☒ 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 1of 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)

Project Description:

This project will resurface 25.60 miles of N-71 located in Box Butte and Dawes Counties, starting at the south junction N-71 with N-2 at mile marker (MM) 110+10, and extending north to MM 135+60, 0.24 miles south of the south junction N-71 and N-2 with US-20. 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 N-71 consists of the following:

- *RP 110+10 – RP 128+66, RP 130+28 – RP 135+37 & RP 135+44 – RP 135+60*: Two 12 foot wide asphalt lanes and 6 foot wide shoulders, of which 2 feet is paved with asphalt.
- *RP 128+66 – RP 129+06*: Two 12 foot wide asphalt lanes, 4 foot wide shoulders left and 6 foot wide shoulders right, both of which 2 feet is paved with asphalt.
- *RP 129+06 – RP 129+81*: Two 12 foot wide asphalt lanes, 4 foot wide shoulders left, of which 2 feet is paved with asphalt, and 10 foot wide shoulders right, of which 8 feet is paved with asphalt.
- *RP 129+81 – RP 130+28*: Two 12 foot wide asphalt lanes and 10 foot wide shoulders, of which 8 feet is paved with asphalt.
- *RP 135+37 – RP 135+44*: Two 12 foot wide asphalt lanes, 6 foot wide shoulders left, of which 2 feet is paved with asphalt, and curbed 19 feet from centerline to back of curb on the right.

The improvements on this project consist of milling and resurfacing the roadway and surfaced shoulders with asphalt, fog sealing erosion control curb, and bridge repairs.

Scope details include:

- The deck on the bridge over the Niobrara River (Structure Number S071 11727) will be repaired prior to receiving an asphalt overlay. The existing concrete bridge rails will also be sealed.
- 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.
- 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.