Wetlands PQS Memorandum

DATE 5/20/2016

TO Ryan Walkowiak, NDOR EDU

FROM Kimberly Baker, NDOR EPU

SUBJECT Wetlands PQS Memo
Project No: NH-80-5(80) & NH-80-5(81)
Control No: 42758 & 42759
Project Name: Elm Creek – Kearney & Odess – Kearney (WB)

☐A wetland delineation was completed Click here to enter a date.
Or
☒A desktop review was completed on 9/26/2016

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.*): Wetlands and channels were found within the study area. Based on the scope of the project, impacts to these resources are not anticipated.

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)*: None

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

<u>Wetlands/Waters of the U.S. Commitments:</u>
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 Opinion Letter for impacts to waters of the State. (NDOR Environmental, Contractor)

Project Description:

CN 42758, Elm Creek to Kearney:
This project would crack seal 14.78 miles of I-80 located in Buffalo County, starting just west of the I-80 interchange number 257 (Elm Creek-Holdrege) at mile marker (MM) 257+47 and extending east to MM 263+31 westbound, west of interchange number 263 (Odessa) and MM 272+25 eastbound, west of the I-80 interchange number 272 (Kearney).

The existing roadway on these segments consists of four 12 foot wide asphalt lanes separated by a depressed grass median, 5 foot wide inside shoulders, of which 3 feet is surfaced with asphalt, and 12 foot wide outside shoulders, of which 10 feet is surfaced with asphalt.

The improvements on this project consist of crack sealing the existing roadway and surfaced shoulders.

Scope details include:

- Grading beyond the hinge point would not be required for this project.
- This project would be constructed under traffic with lane closures controlled with approved temporary traffic control.
- This project is located within a Municipal Separate Storm Sewer System (MS4) community. Post construction storm water management best management practices may be necessary. Additional consultation with the Roadside Stabilization Unit may be required.
- Access to adjacent properties would be maintained during construction.
- No additional property rights would be required to build this project.

CN 42759, Odessa to Kearney:
This project would joint seal 8.91 miles of the westbound lanes of I-80 located in Buffalo County, starting at the westbound entrance ramp for the Odessa interchange at mile marker (MM) 263+31, and extending east to the westbound exit ramp for the Kearney interchange at MM 272+23.

The existing roadway on this segment of westbound I-80 consists of two 12 foot wide concrete lanes and a 12 foot wide outside shoulder, of which 12 feet is paved with concrete. The inside shoulders are 5 foot wide, of which 4 feet is paved with concrete.

The improvements on this project consist of sealing the joints.

- No additional property rights would be required to build this project.
- This project would be constructed under traffic with lane closures controlled with approved temporary traffic control.