Wetlands PQS Memorandum

DATE 3/14/2016

TO Ryan Walkowiak, NDOR EDU

FROM Kimberly Baker, NDOR EPU

SUBJECT Wetlands PQS Memo
Project No: ITS-NH-80-5(79)
Control No: 42772
Project Name: Elm Creek - Alda

☒A wetland delineation was completed 8/4/2015
Or
☐A desktop review was completed on Click here to enter a date.

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.*): Approximately 0.02 acres of PEMA/C wetland will be permanently impacted for a bore pit needed to jack electrical conduit. Based on the project description this project qualifies for a NWP 12.

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)*: NA

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 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 and on the Green Sheet for the Contractor as avoidance areas. (NDOR Design, NDOR Environmental)

☒ The project qualifies under Nationwide Permit # 12. 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 deploy automated gates and CCTV cameras on I-80 entrance ramps at the Elm Creek Interchange 257 at mile marker (MM) 257+04, the Odessa Interchange 263 at MM 263+69, the West Kearney Interchange 272 at MM 272+64, the East Kearney Interchange 275 at MM 275+63, the Minden Interchange 279 at MM 279+92, the Gibbon Interchange 285 at MM 285+66, the Shelton Interchange 291 at MM 291+39, the Wood River Interchange 300 at MM 300+13 and the Alda Interchange 305 at MM 305+69.

The West Kearney Interchange 272 may require four automated gates due to two separate lanes divided by a triangle median. The Elm Creek Interchange 257, West Kearney Interchange 272 and Shelton Interchange 291 will not require CCTV Camera installation due to existing units or units to be installed prior to this project. All interchanges are located within Buffalo and Hall Counties.

Scope details include:

- Installation of automated gates, post mounted signs, climbable truss towers, and control cabinets all with ground rods.
- Trenching or jacking of electrical conduit and installation of pull boxes.
- Cameras, new or existing, at these interchanges will be used for visually verifying operation of the gates.
- Construction activities may result in minor soil disturbance outside the hinge point.
- Project surveying and staking will be required.
- Areas disturbed during construction will be stabilized utilizing methods of erosion 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.
- No additional property rights will be required to build this project.
- This project will be constructed under traffic with lane closures controlled by appropriate traffic control devices and practices.