Wetlands PQS Memorandum

DATE 4/25/2016

TO Wendy Austin, NDOR EDU

FROM Kimberly Baker, NDOR EPU

SUBJECT Wetlands PQS Memo
Project No: ITS-NH-D1(106)
Control No: 13280
Project Name: D1 Automated Gates

☐A wetland delineation was completed
Or
☒A desktop review was completed on 4/20/2016

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.*): Not applicable.

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 Letter of Opinion for impacts to waters of the State. (NDOR Environmental, Contractor)

Project Description:
This project will deploy automated gates and CCTV cameras on I-80 entrance ramps at the following 12 locations within Seward, Lancaster, Cass and Sarpy Counties: Utica Interchange 366 at mile marker (MM) 366+16, Beaver Crossing Interchange 369 at MM 369+15, Goehner Interchange 373 at MM 373+12, Seward Interchange 379 at MM 379+11, Milford Interchange 382 at MM 382+11, Pleasant Dale Interchange 388 at MM 388+14, NW 48th Street Interchange 395 at MM 395+62, Lincoln Airport Interchange 399 at MM 399+04, Greenwood – Ashland Interchange 420 at MM 420+94, Mahoney State Park Interchange 426 at MM 426+26, Gretna Interchange 432 at MM 432+97 and N-370 Interchange 439 at MM 439+22.

There are typically two automated gates and one CCTV camera per location. The following four locations will receive 4 automated gates due to two lanes separated by a triangle median: Seward Interchange 379, NW 48th Street Interchange 395, Greenwood – Ashland Interchange 420 and Gretna Interchange 432. The following locations will not receive CCTV cameras due to existing units, or units to be installed prior to this project: Seward Interchange 379, Milford Interchange 382, Pleasant Dale Interchange 388, Gretna Interchange 432 and N-370 Interchange 439.

This project will also deploy CCTV cameras on US-77 within Saunders County at MM 92+33, the west US-77/N-92 Junction, and MM 95+09, 0.04 miles north of the south US-77/N-92/N-109 Junction.

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 will be installed at various locations.
- 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 (Lincoln). 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.