



CE Determination Form for Federal-Aid Projects (June 2, 2015)

CE Review Level:

1 2 3 Re-evaluation

The proposed project qualifies as the Categorical Exclusion Level indicated above in accordance with the 2015 Programmatic Agreement.

Appendix: A

Paragraph: 22

Project Name:

Elm Creek - Kearney

Project Number:

NH-80-5(80)

Control Number:

42758

Location and Study Area:

The projects are located in Buffalo County along Interstate 80 (I-80) between Elm Creek and Kearney.

The Environmental Study Area (ESA) is confined to the length of this project (14.78 miles for 42758, 8.91 miles for 42759) plus half a mile on either end along I-80 including the existing right-of-way (ROW), plus 50 feet beyond ROW for most of the project length, and extending to 150 feet beyond the ROW at the bridges and culverts for wetlands and most other resources. For regulated materials the study area is extended 0.10 miles, and for Section 4(f) resources 0.25 miles beyond ROW.

Termini are based on limits identified by NDOR pavement management system, District 4 and previous construction projects on this segment of highway.

Begin Point(s):

MM 257.47 (42758) &
(WB) MM 263.10
(42759)

End Point(s):

MM (EB) 272.25, (WB)
263.31 & (WB) 272.23
(42759)

Highway Number, Street, etc.:

I-80

Project Description:

CN 42758, Elm Creek to Kearney, NH-80-5(80):

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 (WB), NH-80-5(81):

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) 263.10, 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.

Purpose and Need *(include for Level 3, NWP 23, and Section 4(f) Programmatic Evaluation)*:

N/A

Action is identified in the

Current STIP Date:

Subsequent Phase:

Estimated Cost (\$):

5/25/2016

Construction

\$592,000

The numbers in the parentheses (x) indicate the level of CE review that will be required.

All technical assessment approvals shall be made by NDOR Professional Qualified Staff (PQS) responsible for the resource category and are indicated by "NDOR PQS Determination Date."

Right of Way and Property Impacts

1.1 Easements/ROW – Will the action require the acquisition of new temporary or permanent right-of-way *(including easements)*?

Yes (2) No (1) N/A

2.1 Section 4(f) – Will the action result in a Section 4(f) use or qualify for Section 4(f) Exception?

Yes (2) No (1) N/A

2.3 Describe resources, impacts, and the coordination conducted with officials/agencies *(including FHWA approval date(s))*:

Seven potential properties are located along the project, six Wildlife Management Areas (WMA) and one State Recreation Area (SRA). There would be no right-of-way acquired and access would remain open throughout the project. Based on the scope of work and the location of the construction on the interstate, there are no anticipated uses of any of the properties.

3.1 Section 6(f) – Are there any Section 6(f) Land and Water Conservation Fund Act properties 36 CFR 59) within the study area?

Yes (1) No (1) N/A

Other Non-Threshold Property Impacts

4.1 Will the action take place on or adjacent to Tribal lands or other Federal lands?

Yes No

4.2 Will federal funds be used to relocate utilities, or will the project contractor be responsible for the relocation of the utilities?

Yes No Unknown

4.7 Describe Mitigation for Above Non-Threshold Resources:

Utility relocation or replacement is not anticipated for the project. If utility relocation or replacement is required in a later phase of the project, a reevaluation will be required if: (1) federal funds will be used for the utility work; or (2) the project construction contractor will be responsible for the work. If this utility work is identified during final design, the project sponsor will initiate the reevaluation prior to project letting. If the work is identified during construction, the project sponsor will initiate the reevaluation prior to the commencing utility work. (NDOR Environmental, NDOR District)

If any one of the above two conditions do not apply, later relocation or replacement of utilities shall be coordinated through NDOR and the Contractor per NDOR's Standard Specifications for Highway Construction, Subsection 105.06. Any environmental permits required for these utility relocations or replacements shall be the responsibility of the Utility. (NDOR District, Utility Provider(s))

Water and Ecological Resources:

5.1 Wild and Scenic/National Recreational Rivers – Will the action cross or occur adjacent to a Wild and Scenic River, National Recreational River Segment, or a river listed on the nationwide rivers inventory, including its buffer area?

Yes* No N/A

Note: If Yes, the proposed action can be processed as a Level 1 [all Appendix A categories] or a Level 2 Action [Appendix B categories other than (26), (27), and (28)] if the Agency with Jurisdiction has determined the action will not result in an impact.

6.1 Floodplain/Floodway – Will the action occur within the boundaries of a mapped Zone A floodplain or a mapped floodway?

Yes (1) No (1) N/A

If Yes, attach permits to the CE document. If a floodplain permit has not been obtained, add commitment that one will be obtained prior to the start of construction.

6.2 Will the action cause a greater than 1-foot rise in the Base Flood Elevation (BFE), any rise in a floodplain that potentially impacts an adjacent structure, or any rise in a floodway?

Yes (3) No (1) N/A

6.3 Will the actions reviewed under Appendix B, Paragraphs (26), (27), and (28) result in a floodplain encroachment other than functionally dependent uses or actions that facilitate open space use?

Yes (3) No N/A

6.4 Describe resources, impacts, and the coordination conducted with officials/agencies:

The projects have several Zone A and Zone AE floodplain crossings, however they would not meet the criteria for development in a floodplain, and there would be no potential to impact the Zone A or Zone AE floodplains.

7.1 Wetlands/Waters of the U.S. – Are there wetlands, stream channels, or other waters within the study area?

Yes (1) No (1)

7.2 Will the action result in wetland impacts in accordance with Section 404 of the Clean Water Act and/or Nebraska State Title 117?

Yes (1) No (1)

7.3 Will the action result in greater than 0.5 acres (total permanent) of wetland impacts?

Yes (2) No (1) N/A

7.4 Estimated Permanent Wetlands Impacts:

N/A

7.5 If the project is processed with a Nationwide Permit, is a Pre-construction Notification required?

Yes (2) No (1) N/A

7.6 Will the action require an Individual Permit (IP) or Section 10 Permit from the U.S. Army Corps of Engineers or a Section 9 Permit from the U.S. Coast Guard?

Yes (3) No (2) N/A

7.7 Describe resources, potential impacts, and any coordination conducted to date with officials/agencies:

A desktop review was completed on 9/26/2016 and found wetlands and/or Waters of the U.S. in the project study area. Based on the scope of work for the projects, no impacts to these waters are anticipated.

The beginning point for Odessa to Kearney was changed from MM 263.31 to 263.10 after the determination was made. The added length was previously covered as part of the Elm Creek to Kearney project. The added length would not change the determination.

7.8 Wetlands/Waters of the U.S. Mitigation:

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.

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)

8.1 Impaired Waters, Section 402, and MS4 – Are there any impaired waters within or adjacent to (0.5 mile) the project study area?

Yes No

8.2 Does the project occur within a MS4 community?

Yes No

8.3 Does the project require a NPDES storm water permit (*ground disturbance of greater than 1 acre*)?

Yes No

If Yes, add standard Erosion Control plans and Storm Water Pollution Prevention Plan (SWPPP) commitment to the mitigation commitments.

8.4 Describe resources, potential impacts, and any coordination conducted with officials/agencies:

Blue Hole WMA is listed as a Category 5 water for an impairment to Aquatic Life - Fish Consumption Advisory (Mercury).
Blue Hole East Lake WMA is listed as a Category 5 water for an impairment to Aquatic Life - Nutrients (Total Phosphorus), Chlorophyll a, and pH.
Coot Shallows Lake WMA is listed as a Category 5 water for an impairment to Aquatic Life - Fish Consumption Advisory (Mercury).
Union Pacific Lake SRA is listed as a Category 5 water for an impairment to Aquatic Life - Fish Consumption Advisory (Mercury).
Kea West Lake WMA is listed as a Category 5 water for an impairment to Aquatic Life - Fish Consumption Advisory (Mercury).
Kea Lake WMA is listed as a Category 5 water for an impairment to Aquatic Life - Fish Consumption Advisory (Mercury).

The City of Kearney is an MS4 Community.

8.5 Impaired Waters, Section 402, and MS4 Mitigation:

There are Category 5 impaired waters in the project study area; BMPs shall be reviewed and developed as necessary during the erosion control review process. If mitigation is required for impaired waters, it shall be captured in the projects erosion control plan sheets and special provisions. (NDOR Roadside Stabilization Unit)

Stormwater Treatment consideration is a condition of NDOR's Municipal Separate Storm Sewer System (MS4) permit. Stormwater treatment requirements will be applied to this project if it meets the criteria outlined in Chapter Three (Stormwater Treatment within Municipal Separate Storm Sewer System MS4 Communities) of the NDOR Drainage Design and Erosion Control Manual. This determination and any necessary coordination with the MS4 community will be made during the design process.

Areas disturbed during construction will be stabilized utilizing NDOR approved erosion control methods. A Temporary Erosion Control Plan will be required by NDOR Standard Specifications for Highway Construction. (NDOR Environmental)

9.1 **Threatened and Endangered Species** – Will the action result in a “May Affect” determination per the Nebraska Biological Evaluation Process *Matrix** that requires further consultation with the resource agencies?

Yes (2) No (1)

NDOR PQS Determination Date:

4/20/2016

9.4 Suitable habitat for eagle nesting is reviewed as part of the *Matrix* Biological Evaluation process and projects are evaluated for compliance with the Bald and Golden Eagle Protection Act (BGEPA). This project was reviewed for potential impacts to bald and golden eagles resulting in the following determination:

NDOR has determined the project site does not have appropriate habitat for eagles. Due to the lack of suitable habitat and the information that there are no known bald or golden eagle nests within the project area, NDOR has determined that there will be no impact to these species.

It has been determined that suitable habitat does exist within 0.5 mile of the Environmental Study Area. NDOR will utilize the Bald and Golden Eagle Survey Protocols to determine when a survey for nests and/or roosts should be conducted. If nest(s) are present within 0.5 mile of the project area, NDOR will notify the Nebraska Game and Parks Commission and the United States Fish and Wildlife Service, and construction will not commence prior to their approval.

9.5 This project will comply with the Migratory Bird Treaty Act (*MBTA*) in accordance with NDOR's Avian protection Plan (*APP*) and Biological Evaluation *Matrix* Appendix A.

9.6 If a Section 404 Individual Permit is required, coordination under the Fish and Wildlife Coordination Act will occur during the permitting process.

Coordination Required N/A

9.7 Describe resources, potential impacts, and any coordination conducted to date with officials/agencies:

A "May Affect, Not Likely to Adversely Affect" determination is made for the following species/critical habitat with the conservation conditions listed below: Interior Least Tern, Piping Plover, Whooping Crane. The projects would have "No Effect" to all other state or federally listed species or their designated critical habitat.

The beginning point for Odessa to Kearney was changed from MM 263.31 to 263.10 after the determination was made. The added length was previously covered as part of the Elm Creek to Kearney project. The added length would not change the determination.

9.8 Species Mitigation:

S-2 Platte River Depletions. All efforts will be made to design the project and select borrow sites to prevent depletions to the Platte River. If there is any potential to create a depletion, NDOR (during design) and the contractor (for borrow sites) shall follow the current Platte River depletion protocols for coordination, minimization, and mitigation. In general the following are considered de minimis depletions, but may still require agency coordination; a project which: a) creates an annual depletion less than 0.1 acre feet, b) creates a detention basin that detains water for less than 72 hours, c) any diverted water will be returned to its natural basin within 30 days, or d) creates a one-time depletion of less than 10 acre feet.

S-5 Species Surveys. If species surveys are required for this project, results will be sent by NDOR to the USFWS, NGPC, and if applicable COE. FHWA will be copied on submittals. (NDOR Environmental, District Construction)

Interior Least Tern and Piping Plover:

ILT-1, PP-1 For construction activities that begin prior to April 15 and continue beyond April 15, surveys will be conducted starting April 8 and continue through the end of construction or August 15 whichever

comes first. NDOR Environmental, NDOR trained personnel, or a qualified biologist, will conduct surveys according to protocol at the following locations: adjacent to active sand and gravel mine on the West side of the Kearney Interchange (location of suitable habitat). If species are present the District will notify the Contractor to stop work within ¼ mile of nesting activities and follow the protocol to determine when work can resume. (NDOR Environmental, District, Contractor)

ILT-2, PP-2 When initiating construction activities between April 15 and August 15, surveys will start one week prior to construction activities and will continue through the end of construction or August 15th, whichever comes first. NDOR trained personnel, or a qualified biologist, will conduct surveys according to protocol at the following locations: adjacent to active sand and gravel mine on the West side of the Kearney Interchange (location of suitable habitat). If species are present the District will notify the Contractor to stop work within ¼ mile of nesting activities and follow the protocol to determine when work can resume. (NDOR Environmental, District, Contractor)

R-4 For the interior least tern and piping plover, nighttime work with lights from April 15 – August 15 is not authorized. If nighttime work is required, the Contractor will notify the District and the District will request approval from NDOR Environmental Section at least 10 working days prior to construction so consultation with the USFWS, NGPC, and FHWA can be initiated. Surveys may be required to determine if nesting birds are present within ½ mile of the nighttime activity. Approval from these agencies is required (NDOR Environmental, District Construction, Contractor).

Whooping Crane:

WC-1 Construction activities will not occur during Whooping Crane migration periods. (Spring migration: March 10 – May 10; and fall migration: September 16 – November 16). (NDOR Environmental, Construction, Contractor)

OR

WC-2 If construction activities occur during Whooping Crane migration periods (Spring migration: March 10 – May 10; and fall migration: September 16 – November 16), NDOR trained personnel, or a qualified biologist, will conduct surveys according to protocol at the following locations: Along the length of the project in the vicinity of work (location of suitable habitat). (prior to the start of daily construction activities). If species are present the District will notify the Contractor to stop work within 1/2 mile of the whooping crane and follow the protocol to determine when work can resume (also not initiate work if species is found in the morning survey). Options for resuming work may include but are not limited to (NDOR Environmental, Construction, Contractor):

- Construction activities are limited to the hours from 10:00 a.m. to 4:00 p.m. (CST) during the migration period, unless morning survey indicates Whooping Cranes are not present.
- If a whooping crane is observed during the survey within ½ mile of the project, but departs the area (further than ½ mile from the project) then work can resume. Document this departure according to protocol.

AND

R-11 For the whooping crane, nighttime work with lights from March 10 - May 10 and September 16 - November 16 is not authorized. If nighttime work is required, the Contractor will notify the District and the District will request approval from NDOR Environmental Section at least 10 working days prior to construction so consultation with the USFWS, NGPC, and FHWA can be initiated. Approval from these agencies is required (NDOR Environmental, District Construction, Contractor).

Bald and Golden Eagle Protection Act:

- Suitable bald eagle nesting and/or roosting habitat exists within 0.5 miles of the Environmental Study Area. If construction will begin between February 1 and April 15, a nest survey must be completed at least 1 but not more than 14 days prior to construction. If construction will begin between April 15 and October 1, a nest survey completed in March is sufficient, as nests will likely already be constructed if nesting will occur that year. However, a nest survey may be completed anytime during this timeframe, as long as it is completed prior to construction. If bald eagles are nesting in the area, consultation with NGPC and USFWS will be required prior to beginning construction activities.

- * The Nebraska Biological Evaluation Process Programmatic Agreement *Matrix* complies with the Federal Endangered species Act (*ESA*) and Nebraska Nongame and Endangered Species Conservation Act (*NESCA*).

Human and Social Resources

10.1 Historic Properties – Are there any properties listed or eligible for the National Register of Historic Properties in the study area?

Yes (1) No (1)

10.4 Historic Property Determination

NDOR PQS Determination Date:

Has coordination occurred with SHPO?

Yes No

Has coordination occurred with THPO?

Yes No

Has coordination occurred with CLG?

Yes No

11.1 Hazardous Materials – Will the project actions exceed the scope of the listed exemption identified in NDOR’s Hazardous Materials Assessment Guidance?

Yes (1) No (1)

NDOR PQS Determination Date:

11.5 Describe potential conflicts and the coordination with officials/agencies:

The Hazardous Materials PQS Memo for CN 42759 is dated 5/10/2016, however the PQS Memos were both signed on 5/17/2016.

Due to the lack of soil disturbance and work occurring within the pre-existing roadway fill material the projects qualify as an exempt projects under the NDOR Hazardous Materials Review Guidance Manual approved by FHWA on August 31, 2015. No hazardous materials review is required. If the scope of work changes, the projects would be re-evaluated to determine the need for a HMR.

The beginning point for Odessa to Kearney was changed from MM 263.31 to 263.10 after the determination was made. The added length was previously covered as part of the Elm Creek to Kearney project. The added length would not change the determination.

11.6 Hazardous Materials Mitigation:

If contaminated soils and/or water or hazardous materials are encountered, then all work within the immediate area of the discovered hazardous material shall stop until NDOR/FHWA is notified and a plan to dispose of the Hazardous Materials has been developed. Then NDEQ shall be consulted and a remediation plan shall be developed for this project. The potential exists to have contaminants present resulting from minor spillage during fueling and service associated with construction equipment. Should contamination be found on the project during construction, the NDEQ shall be contacted for consultation and appropriate actions to be taken. The Contractor is required by NDOR's Standard Specification section 107 (legal relations and responsibilities to the public) to handle and dispose of contaminated material in accordance with applicable laws. (Contractor)

12.1 **Traffic Noise** – Does the project qualify as a Type I Project under NDOR’s Noise Policy?

Yes (3) No (1) N/A

13.1 **Air Quality** – Will the action increase capacity in exceedance of 100,000 vehicles per day in the 20th year following construction; will it result in a high potential for Mobile Source Air Toxics(*MSAT Level III*) effects; or is it considered *Regionally Significant* within a designated non-attainment area?

Yes (3) No N/A

14.1 **Roadway** – Will the action result in the addition of through-lane capacity?

Yes (3) No (1) N/A

15.1 **Traffic Disruption** – Will the action result in minor traffic disruptions requiring detours, temporary roads, or ramp closures that are greater than 30 working days?

Yes (2) No (1)

15.3 Will temporary roads, detours, or ramp closures substantially change the environmental consequences of the action?

Yes (3) No (1)

15.4 Will the action result in adverse travel (*out-of-direction*) greater than 5 miles in urban areas or 25 miles in rural areas?

Yes (3) No (1)

15.5 Will the action result in temporary or permanent interference with local special events or festivals?

Yes (3) No (1)

15.6 Will the action result in temporary or permanent adverse effects to through-traffic dependent business?

Yes (3) No (1)

15.7 Will the action result in permanent traffic pattern changes or disruptions?

Yes (3) No (1)

If a detour is required for the project, attach a map to the CE document.

15.9 Traffic Disruption Mitigation:

This project shall be constructed under traffic with lane closures controlled by approved temporary traffic control. The project shall not result in traffic disruptions requiring detours, temporary roads, or ramp closures that are greater than 30 working days. (Contractor)

16.1 Access Disruptions – Will the action require any access closures to businesses or residences?

Yes (1) No (1)

16.5 Will the action result in access restrictions to emergency service facilities or providers?

Yes (3) No (1)

16.6 Will the action change the functionality of adjacent properties?

Yes (3) No (1)

16.7 Access Disruption Comments:

There are no private or business drives located on I-80, and the ramps would remain open for the entire duration of work.

16.8 Substantial Access Disruption Mitigation:

Access to adjacent properties shall be maintained at all time during construction but may be disrupted temporarily at times due to construction activities, but shall not be closed. (Contractor)

17.1 Environmental Justice – Are protected populations within the study area?

Yes (1) No (1)

NDOR Highway Civil Rights Specialist Determination Date:

5/10/2016

17.4 Describe resources, impacts, and the coordination conducted with officials/agencies:

The scope of this project is so minor that, even if the project sites were adjacent to minority or low-income populations, the possibility of disproportionately high and adverse effects to those populations simply does not exist.

18.1 **Public Involvement** – Provide a summary of any completed and planned Public Involvement Activities:

Due to the nature of the work, additional public outreach during the NEPA phase is not needed. This project has been disclosed in the District-wide Program Hearings as well as through the public involvement efforts in conjunction with the development of the STIP.

18.2 Public Involvement Mitigation:

A minimum of one news release shall go to all local and area media, and be posted on the NDOR website, prior to the start of construction work. (NDOR District, NDOR Communications)

19.1 **Unresolved Controversy** – Based on public involvement carried out per NDOR’s procedures, is there any known public or agency controversy on human, natural, or economic grounds associated with the action?

Yes No

If Yes, coordinate with FHWA to determine the proper level of environmental review.

Contract Provisions Required

20.1 Wellhead Protection Special Provisions

Yes No

20.2 General Conditions for Nationwide Permit

Nationwide Permit:

N/A

Yes No

20.3 Federal Aviation Administration (FAA) Form 7460-1

Yes No

20.4 General Conservation Conditions from the Matrix PA

Yes No

T&E General Conditions:

A-1 Changes in Project Scope. If there is a change in the project scope, the project limits, or environmental commitments, the NDOR Environmental Section must be contacted to evaluate potential impacts prior to implementation. Environmental commitments are not subject to change without prior written approval from the Federal Highway Administration. (District Construction, Contractor)

A-2 Conservation Conditions. Conservation conditions are to be fully implemented within the project boundaries as shown on the plans. (District Construction, Contractor)

A-3 Early Construction Starts. Request for early construction starts must be coordinated by the Project Construction Engineer with NDOR Environmental for approval of early start to ensure avoidance of listed species sensitive lifecycle timeframes. Work in these timeframes will require approval from the Federal Highway Administration and could require consultation with the USFWS and NGPC. (District Construction, Contractor)

A-4 E&T Species. If federal or state listed species are observed during construction, contact NDOR Environmental. Contact NDOR Environmental for a reference of federal and state listed species. (NDOR Environmental, District Construction, Contractor)

A-5 Refueling. Refueling will be conducted outside of those sensitive areas identified on the plans, in the contract, and/or marked in the field. (Contractor)

A-6 Restricted Activities. The following project activities shall, to the extent possible, be restricted to between the beginning and ending points (stationing, reference posts, mile markers, and/or section-township-range references) of the project, within the right-of-way designated on the project plans: borrow sites, burn sites, construction debris waste disposal areas, concrete and asphalt plants, haul roads, stockpiling areas, staging areas, and material storage sites.

For activities outside the project limits, the contractor should refer to the Nebraska Game and Park Commission website to determine which species ranges occur within the off-site area. The contractor should plan accordingly for any species surveys that may be required to approve the use of a borrow site, or other off-site activities. The contractor should review Chapter 11 of the Matrix (on NDOR's website), where species survey protocol can be found, to estimate the level of effort and timing requirements for surveys.

Any project related activities that occur outside of the project limits must be environmentally cleared/permitted with the Nebraska Game and Parks Commission as well as any other appropriate agencies by the contractor and those clearances/permits submitted to the District Construction Project Manager prior to the start of the above listed project activities. The contractor shall submit information such as an aerial photo showing the proposed activity site, a soil survey map with the location of the site, a plan-sheet or drawing showing the location and dimensions of the activity site, a minimum of 4 different ground photos showing the existing conditions at the proposed activity site, depth to ground water and depth of pit, and the "Platte River depletion status" of the site. The District Construction Project Manager will notify NDOR Environmental which will coordinate with FHWA for acceptance if needed. The contractor must receive notice of acceptance from NDOR, prior to starting the above listed project activities. These project activities cannot adversely affect state and/or federally listed species or designated critical habitat. (NDOR Environmental, District Construction, Contractor)

A-7 Waste/Debris. Construction waste/debris will be disposed of in areas or a manner which will not adversely affect state and/or federally listed species and/or designated critical habitat. (Contractor)

A-8 Post Construction Erosion Control. Erosion control activities that may take place by NDOR Maintenance or Contractors after construction is complete, but prior to project close-out, shall adhere to any standard conservation conditions for species designated for the project area during construction. (NDOR Maintenance, District Construction, Contractor)

The proposed action will be carried out in compliance with Executive Order 13112 (*Invasive Species*). The project contractor shall comply with Special Provision A-43-2010 amending NDOR Specification 107.01 to include the following: The Contractor shall prevent the transfer of invasive plant and animal species. The Contractor shall wash equipment at the Contractor's storage facility prior to entering the construction site. The Contractor shall inspect all construction equipment and remove all attached vegetation and animals prior to leaving the construction site.

21.1 No Indirect or Cumulative Impacts

This box can be checked if after careful consideration of the Indirect and Cumulative Impact analysis guidance in the CE instructions and the facts of the project, the following statement is determined to be true:
"Indirect effects from this project are not anticipated. This project will not induce growth, change land uses, substantially change travel patterns within a community, or substantially impact water quality, drainage patterns or other resources of concern. Since no substantial human, environmental or economic impacts have been identified for this project; no cumulative impacts are expected."

21.3 Cumulative Impacts:

There are six projects adjacent to the referenced projects:

- 42510 Kearney to Minden - Letting 8/31/2017
- 42684 Odessa Interchange Bridge - 8/26/2021
- 42756 Dawson Co Line to Odessa - 10/3/2019
- 42756A Dawson Co Line to Odessa Crossovers - 4/11/2019
- 42763 I-80 to Elm Creek - 10/3/2019
- 42772 Elm Creek to Alda - 9/1/2016
- 42775 Kearney Interchange Ramps - 8/31/2017

All but one project would be constructed at least one year apart from the referenced projects. The remaining project, 42772, involves automated gates and CCTV cameras. The project would be constructed under traffic and the ramps would remain open at all times. Based on the scope of work for the projects there are no anticipated cumulative impacts.

22.1 Additional Comments:

The estimated cost is the combined cost of the two projects. 42758 is estimated at \$223,000 and 42759 is estimated at \$369,000.

There is one airport within 4 miles of project locations, the Kearney Municipal Airport (Kearney, NE). The Kearney Municipal Airport is approximately 3.2 miles from the interchange at M.M. 275.63. There are no anticipated conflicts with the airport.

23.1 Project Mitigation:

Mitigation for Above Non-Threshold Resources:

Utility relocation or replacement is not anticipated for the project. If utility relocation or replacement is required in a later phase of the project, a reevaluation will be required if: (1) federal funds will be used for the utility work; or (2) the project construction contractor will be responsible for the work. If this utility work is identified during final design, the project sponsor will initiate the reevaluation prior to project letting. If the work is identified during construction, the project sponsor will initiate the reevaluation prior

to the commencing utility work. (NDOR Environmental, NDOR District)

If any one of the above two conditions do not apply, later relocation or replacement of utilities shall be coordinated through NDOR and the Contractor per NDOR's Standard Specifications for Highway Construction, Subsection 105.06. Any environmental permits required for these utility relocations or replacements shall be the responsibility of the Utility. (NDOR District, Utility Provider(s))

Wetlands/Waters of the U.S. Mitigation:

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.

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)

Impaired Waters, Section 402, and MS4 Mitigation:

There are Category 5 impaired waters in the project study area; BMPs shall be reviewed and developed as necessary during the erosion control review process. If mitigation is required for impaired waters, it shall be captured in the projects erosion control plan sheets and special provisions. (NDOR Roadside Stabilization Unit)

Stormwater Treatment consideration is a condition of NDOR's Municipal Separate Storm Sewer System (MS4) permit. Stormwater treatment requirements will be applied to this project if it meets the criteria outlined in Chapter Three (Stormwater Treatment within Municipal Separate Storm Sewer System (MS4) Communities) of the NDOR Drainage Design and Erosion Control Manual. This determination and any necessary coordination with the MS4 community will be made during the design process.

Areas disturbed during construction will be stabilized utilizing NDOR approved erosion control methods. A Temporary Erosion Control Plan will be required by NDOR Standard Specifications for Highway Construction. (NDOR Environmental)

General Conservation Conditions from the Matrix PA:

A-1 Changes in Project Scope. If there is a change in the project scope, the project limits, or environmental commitments, the NDOR Environmental Section must be contacted to evaluate potential impacts prior to implementation. Environmental commitments are not subject to change without prior written approval from the Federal Highway Administration. (District Construction, Contractor)

A-2 Conservation Conditions. Conservation conditions are to be fully implemented within the project boundaries as shown on the plans. (District Construction, Contractor)

A-3 Early Construction Starts. Request for early construction starts must be coordinated by the Project Construction Engineer with NDOR Environmental for approval of early start to ensure avoidance of listed species sensitive lifecycle timeframes. Work in these timeframes will require approval from the Federal Highway Administration and could require consultation with the USFWS and NGPC. (District Construction, Contractor)

A-4 E&T Species. If federal or state listed species are observed during construction, contact NDOR Environmental. Contact NDOR Environmental for a reference of federal and state listed species. (NDOR Environmental, District Construction, Contractor)

A-5 Refueling. Refueling will be conducted outside of those sensitive areas identified on the plans, in the contract, and/or marked in the field. (Contractor)

A-6 Restricted Activities. The following project activities shall, to the extent possible, be restricted to between the beginning and ending points (stationing, reference posts, mile markers, and/or section-township-range references) of the project, within the right-of-way designated on the project plans: borrow

sites, burn sites, construction debris waste disposal areas, concrete and asphalt plants, haul roads, stockpiling areas, staging areas, and material storage sites.

For activities outside the project limits, the contractor should refer to the Nebraska Game and Park Commission website to determine which species ranges occur within the off-site area. The contractor should plan accordingly for any species surveys that may be required to approve the use of a borrow site, or other off-site activities. The contractor should review Chapter 11 of the Matrix (on NDOR's website), where species survey protocol can be found, to estimate the level of effort and timing requirements for surveys.

Any project related activities that occur outside of the project limits must be environmentally cleared/permitted with the Nebraska Game and Parks Commission as well as any other appropriate agencies by the contractor and those clearances/permits submitted to the District Construction Project Manager prior to the start of the above listed project activities. The contractor shall submit information such as an aerial photo showing the proposed activity site, a soil survey map with the location of the site, a plan-sheet or drawing showing the location and dimensions of the activity site, a minimum of 4 different ground photos showing the existing conditions at the proposed activity site, depth to ground water and depth of pit, and the "Platte River depletion status" of the site. The District Construction Project Manager will notify NDOR Environmental which will coordinate with FHWA for acceptance if needed. The contractor must receive notice of acceptance from NDOR, prior to starting the above listed project activities. These project activities cannot adversely affect state and/or federally listed species or designated critical habitat. (NDOR Environmental, District Construction, Contractor).

A-7 Waste/Debris. Construction waste/debris will be disposed of in areas or a manner which will not adversely affect state and/or federally listed species and/or designated critical habitat. (Contractor)

A-8 Post Construction Erosion Control. Erosion control activities that may take place by NDOR Maintenance or Contractors after construction is complete, but prior to project close-out, shall adhere to any standard conservation conditions for species designated for the project area during construction. (NDOR Maintenance, District Construction, Contractor)

Species Mitigation:

S-2 Platte River Depletions. All efforts will be made to design the project and select borrow sites to prevent depletions to the Platte River. If there is any potential to create a depletion, NDOR (during design) and the contractor (for borrow sites) shall follow the current Platte River depletion protocols for coordination, minimization, and mitigation. In general the following are considered de minimis depletions, but may still require agency coordination; a project which: a) creates an annual depletion less than 0.1 acre feet, b) creates a detention basin that detains water for less than 72 hours, c) any diverted water will be returned to its natural basin within 30 days, or d) creates a one-time depletion of less than 10 acre feet.

S-5 Species Surveys. If species surveys are required for this project, results will be sent by NDOR to the USFWS, NGPC, and if applicable COE. FHWA will be copied on submittals. (NDOR Environmental, District Construction)

Interior Least Tern and Piping Plover:

ILT-1, PP-1 For construction activities that begin prior to April 15 and continue beyond April 15, surveys will be conducted starting April 8 and continue through the end of construction or August 15 whichever comes first. NDOR Environmental, NDOR trained personnel, or a qualified biologist, will conduct surveys according to protocol at the following locations: adjacent to active sand and gravel mine on the West side of the Kearney Interchange (location of suitable habitat). If species are present the District will notify the Contractor to stop work within ¼ mile of nesting activities and follow the protocol to determine when work can resume. (NDOR Environmental, District, Contractor)

ILT-2, PP-2 When initiating construction activities between April 15 and August 15, surveys will start one week prior to construction activities and will continue through the end of construction or August 15th, whichever comes first. NDOR trained personnel, or a qualified biologist, will conduct surveys according to protocol at the following locations: adjacent to active sand and gravel mine on the West side of the Kearney Interchange (location of suitable habitat). If species are present the District will notify the Contractor to stop work within ¼ mile of nesting activities and follow the protocol to determine when work

can resume. (NDOR Environmental, District, Contractor)

R-4 For the interior least tern and piping plover, nighttime work with lights from April 15 – August 15 is not authorized. If nighttime work is required, the Contractor will notify the District and the District will request approval from NDOR Environmental Section at least 10 working days prior to construction so consultation with the USFWS, NGPC, and FHWA can be initiated. Surveys may be required to determine if nesting birds are present within ½ mile of the nighttime activity. Approval from these agencies is required (NDOR Environmental, District Construction, Contractor).

Whooping Crane:

WC-1 Construction activities will not occur during Whooping Crane migration periods. (Spring migration: March 10 – May 10; and fall migration: September 16 – November 16). (NDOR Environmental, Construction, Contractor)

OR

WC-2 If construction activities occur during Whooping Crane migration periods (Spring migration: March 10 – May 10; and fall migration: September 16 – November 16), NDOR trained personnel, or a qualified biologist, will conduct surveys according to protocol at the following locations: Along the length of the project in the vicinity of work (location of suitable habitat). (prior to the start of daily construction activities). If species are present the District will notify the Contractor to stop work within 1/2 mile of the whooping crane and follow the protocol to determine when work can resume (also not initiate work if species is found in the morning survey). Options for resuming work may include but are not limited to (NDOR Environmental, Construction, Contractor):

- Construction activities are limited to the hours from 10:00 a.m. to 4:00 p.m. (CST) during the migration period, unless morning survey indicates Whooping Cranes are not present.
- If a whooping crane is observed during the survey within ½ mile of the project, but departs the area (further than ½ mile from the project) then work can resume. Document this departure according to protocol.

AND

R-11 For the whooping crane, nighttime work with lights from March 10 - May 10 and September 16 - November 16 is not authorized. If nighttime work is required, the Contractor will notify the District and the District will request approval from NDOR Environmental Section at least 10 working days prior to construction so consultation with the USFWS, NGPC, and FHWA can be initiated. Approval from these agencies is required (NDOR Environmental, District Construction, Contractor).

Bald and Golden Eagle Protection Act:

- Suitable bald eagle nesting and/or roosting habitat exists within 0.5 miles of the Environmental Study Area. If construction will begin between February 1 and April 15, a nest survey must be completed at least 1 but not more than 14 days prior to construction. If construction will begin between April 15 and October 1, a nest survey completed in March is sufficient, as nests will likely already be constructed if nesting will occur that year. However, a nest survey may be completed anytime during this timeframe, as long as it is completed prior to construction. If bald eagles are nesting in the area, consultation with NGPC and USFWS will be required prior to beginning construction activities.

Hazardous Materials Mitigation:

If contaminated soils and/or water or hazardous materials are encountered, then all work within the immediate area of the discovered hazardous material shall stop until NDOR/FHWA is notified and a plan to dispose of the Hazardous Materials has been developed. Then NDEQ shall be consulted and a remediation plan shall be developed for this project. The potential exists to have contaminants present resulting from minor spillage during fueling and service associated with construction equipment. Should contamination be found on the project during construction, the NDEQ shall be contacted for consultation and appropriate actions to be taken. The Contractor is required by NDOR's Standard Specification section 107 (legal relations and responsibilities to the public) to handle and dispose of contaminated material in accordance with applicable laws. (Contractor)

Traffic Disruption Mitigation:

This project shall be constructed under traffic with lane closures controlled by approved temporary traffic control. The project shall not result in traffic disruptions requiring detours, temporary roads, or ramp closures that are greater than 30 working days. (Contractor)

Substantial Access Disruption Mitigation:

Access to adjacent properties shall be maintained at all time during construction but may be disrupted temporarily at times due to construction activities, but shall not be closed. (Contractor)

Public Involvement Mitigation:

A minimum of one news release shall go to all local and area media, and be posted on the NDOR website, prior to the start of construction work. (NDOR District, NDOR Communications)

Additional Mitigation:

FEDERAL AVIATION ADMINISTRATION

Because of the proximity to the Kearney Municipal Airport in Kearney, NE, the height of any equipment used in the construction of the project (or any antennae installed on the equipment) shall not exceed the local airport's Height Restriction Zoning. Any Contractor involved in the project shall use the Notice Criteria Tool available at <https://oeaaa.faa.gov/oeaaa/external/portal.jsp> . (Contractor)

If required, the Contractor shall file a 7460-1 Form with the Federal Aviation Administration (FAA). The form shall be required if the Contractor uses any equipment over 200' tall, or the equipment breaks a 100:1 slope from a public-use airport. This includes any trucks or equipment used during the construction of the project. NDOR's Roadway Design Division shall verify clearance for permanent construction in the controlled zone from the Nebraska Department of Aeronautics (NDOA) and FAA. NDOR's Roadway Design Division shall identify those contracts that shall require the special provision concerning the Contractor's responsibility to gain FAA and NDOA clearance for temporary encroachments due to construction operations. NDOR's Plans, Specification & Estimates (PS&E) / Contracts shall include the special provision in the appropriate project contracts. (Contractor)

**The proposed project qualifies as a Categorical Exclusion under the following activity found in
23 CFR 771.117:**

Paragraph: (c)

Activity: 22

Prepared by:

Ryan Walkowiak

Organization:

NDOR

Phone:

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Email:

ryan.walkowiak@nebraska.gov

Signature:

Ryan
Walkowiak
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Ryan Walkowiak
Date: 2016.06.14
14:56:28 -05'00'

Date:

6/1/2016

Reviewed by Project Sponsor:

Name:

Chris Dowding

Organization:

NDOR

Title:

Materials & Test Manager

Signature:

Chris Dowding

Date:

6-15-16

NDOR has determined the information in this form is accurate and the project is in compliance with the *OPERATIONAL DRAFT 2015* Categorical Exclusion Programmatic Agreement between FHWA and NDOR, and satisfies the criteria of 23 CFR 771.117(a) no significant impact and (b) no unusual circumstances. The mitigation identified above shall be implemented for the project.

NDOR Environmental NEPA Specialist Signature:

Date:

NDOR Environmental Documents Manager
Signature (*Level 2 and 3 Requirement*):

Date:

FHWA Environmental Specialist (*Level 3 Requirement*):

Date:

If the scope of work changes, existing conditions change, or applicable regulations change, NDOR shall reevaluate this determination in accordance with the *NDOR reevaluation procedures*.

Reevaluation Approval (*if necessary*):

Date: