NDOR PQS Project Review Memo
Section 106 - Tier II Project

Control Number 13280 Project Number ITS-NH-D1(106) Review Date 03/16/16

Project Name District 1 Automated Gates Project Location Seward, Lancaster, Cass and Sarpy Counties

Date of Project Description Reviewed 12/17/14 (See attached)

Project Results in no historic properties affected ☐ No ☑ Yes ☑ Tier II Project

THPO/Tribal Consultation? ☐ No ☑ Yes	CLG Consultation? ☐ No ☑ Yes
THPO/Tribes(s): Ponca Tribe of NE &Iowa Tribe of KA & NE	CLG: Lincoln
Date Correspondence Sent: 04/13/16	Date Correspondence Sent: 03/16/16
THPO/Tribal response date: 05/19/16: to date, no response	CLG response date: 03/16/16
THPO/Tribal comment:	CLG comment:
30 day comment period has expired without receiving THPO comment	"I do not see any potential for these improvements to affect historic resources" - Ed Zimmer, Historic Preservation Planner

Other Consulting Parties Identified:

Area of Potential Effects (APE)

The APE for archeological properties and standing structures was chosen to adequately identify any historic properties that may be potentially altered by this undertaking. The APE for each of the 14 installments includes all gate and camera locations and adjacent tracts required for trenching, boring, and all other construction activities. These small construction zones are all within the right-of-way of major existing transportation facilities and there are no immediately adjacent buildings over 50 years in age. In each case, extensive existing modern appurtenances (such as telecommunication towers, lighting, highways, and utility transmission lines) are present that preclude the need for evaluation of visual effects through definition of a broader APE. Definition of a broader indirect APE for secondary or cumulative impacts is also not required in this instance. APE map attached.

APE considered is consistent with 36 CFR 800.16(d): ☑ Yes

Summary of Archeological Investigations

An archeological evaluation of all 14 locations was conducted by Nebraska Highway Archeology Program Manager Rob Bozell in the fall and winter of 2015 and early 2016. A review of the Nebraska Cultural Resources Geographic Information System (NCRGIS) archeological resources database indicated that there are no previously recorded archeological sites within the APE of any of the locations, although several had been the subject of previous archeological surveys. A vehicular reconnaissance of all locations revealed that for many, the APE lies entirely in tracts composed of cut and fill. Four locations either had not been previously surveyed or have the potential to affect undisturbed soils. These four locations were the subject of pedestrian archeological surveys—all with negative results.
There are no archeological historic properties in the APE for this project.

Summary of Above Ground Resource Investigations

An evaluation for standing structures was completed by Preservation Associate Diane Laffin in November of 2015. There are no structural or architectural historic properties in the APEs for the 14 locations.

Archeological Resources	Above Ground Resources
Are NRHP listed or eligible properties present within the APE? ☑ No ☐ Yes	Are NRHP listed or eligible properties present within the APE? ☑ No ☐ Yes
Please list:	Please list:

Is Temporary Easement Required from ANY Historic Property Listed Above? ☐ No ☐ Yes

Is Permanent Easement Required from ANY Historic Property Listed Above? ☐ No ☐ Yes

Is Right of Way Required from ANY Historic Property Listed Above? ☐ No ☐ Yes

If Yes, describe:

Construction Commitments: ☑ No ☐ Yes

If Yes, detail here:

Project would result in no historic properties affected: ☐ No ☑ Yes

Tier II Project Evaluation Complete

Stacy L. Stupka

Digitally signed by Stacy Stupka-Burda
DN: cn=Stacy Stupka-Burda, o=NDOR, ou=Planning & Project Development, email=stacy.stupka-burda@nebraska.gov, c=US
Date: 2016.05.19 15:04:07 -05'00'

05/19/16

NDOR PQS Review

Date

This undertaking has been reviewed under the programmatic agreement entitled Programmatic Agreement Among the Federal Highway Administration, the Nebraska State Historic Preservation Officer, the Advisory Council on Historic Preservation and the Nebraska Department of Roads to Satisfy the Requirements of Section 106 for the Federal Aid Highway Program in the State of Nebraska (July 2015) and meets the requirements to be considered a Tier II Project. Tier II projects result in a project effect recommendation of no historic properties affected.

From: Ed Zimmer
To: Stupka-Burda, Stacy
Subject: RE: 13280_District 1 Automated Gates_Section 106 review
Date: Wednesday, March 16, 2016 12:00:41 PM

Stacey,

I do not see any potential for these improvements to affect historic resourcs.

Ed

From: Stupka-Burda, Stacy [mailto:stacy.stupka-burda@nebraska.gov]
Sent: Wednesday, March 16, 2016 11:52 AM
To: Ed Zimmer <ezimmer@lincoln.ne.gov>
Subject: 13280_District 1 Automated Gates_Section 106 review

Hi Ed,
NDOR has a project to install automated gates on the interstate. A couple of these gate locations would be under your purview. There are no standing structures within the APE and in most of the APE's, work would be accomplished in areas that have been subjected to a lot of cutting and filling.

I have attached our technical documents to this email and have left them as separate documents to ease in your review.

If you'd like, you can enter your comment(s) right onto the PQS Tier II memo and send it back to me. Or, you can reply to this email with your comment(s) and I'll enter them.

If you have any questions, please don't hesitate to let me know, thanks!
Stacy

Stacy Stupka-Burda
Hwy Environmental | Section 106 Specialist
Nebraska Dept. of Roads
Technical Documents Unit
o | 402.479.3879
e | stacy.stupka-burda@nebraska.gov

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U.S. Department of Transportation
Federal Highway Administration

NEBRASKA DIVISION

100 Centennial Mall North
Room 220
Lincoln, NE 68508
(402)742-8460

April 13, 2016

Mr. Lance Foster
Tribal Historic Preservation Officer
Iowa Tribe of Kansas & Nebraska
3345 B, Thrasher Rd
White Cloud KS 66094

Dear Mr. Foster:

Project ITS-NH-D1 (106), CN 13280
District 1 Automated Gates
Seward, Lancaster, Cass, Saunders, and Sarpy Counties
Cultural Resources Evaluation

Please review this document on historic resources for the subject project as required under Section 106 of the National Historic Preservation Act of 1966 as amended and implementing regulations at 36 CFR Part 800. 36 CFR Part 800.2 (c) (2), specifically addresses consultation between Tribes and federal agencies. The Nebraska State Historic Preservation Office (NeSHPO), the Ponca Tribe of Nebraska, and the City of Lincoln Certified Local Government are consulting parties for this undertaking.

An evaluation of the potential for cultural resources, both archeology and standing structures, is included below [and in enclosures].

Project Description:
This project would 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 would receive 4 automated gates because two lanes are separated by a triangle median: Seward Interchange 379, NW 48th Street Interchange 395, Greenwood – Ashland Interchange 420 and Gretna Interchange 432. The following locations would 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 would 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 would be installed at various locations.
- Construction activities may result in minor soil disturbance outside the hinge point.
- Project surveying and staking would be required.
- Areas disturbed during construction would 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 would be required to build this project.
- This project would be constructed under traffic with lane closures controlled by appropriate traffic control devices and practices.

Enclosure 1 shows the location of the 14 project sites.

Area of Potential Effects (APE):
The APE for archeological properties and standing structures was chosen to adequately identify any historic properties that may be potentially altered by this undertaking. The APE for each of the 14 installments includes all gate and camera locations and adjacent tracts required for trenching, boring, and all other construction activities. These small construction zones are all within the right-of-way of major existing transportation facilities and there are no immediately adjacent buildings over 50 years in age. In each case, extensive existing modern appurtenances (such as telecommunication towers, lighting, highways, and utility transmission lines) are present that preclude the need for evaluation of visual effects through definition of a broader APE. Definition of a broader *indirect* APE for secondary or cumulative impacts is also not required in this instance.

The Project Description and APE maps for each of the 14 locations are depicted in Enclosure 2 along with a description of the archeological and standing structure assessments for each location (see below also).

Archeological Evaluation:
An archeological evaluation of all 14 locations was conducted by Nebraska Highway Archeology Program Manager Rob Bozell in the fall and winter of 2015 and early 2016. A review of the Nebraska Cultural Resources Geographic Information System (NCRGIS) archeological resources database indicated that there are no previously recorded archeological sites within the APE of any of the locations, although several had been the subject of previous archeological surveys. A vehicular reconnaissance of all locations revealed that for many, the

APE lies entirely in tracts composed of cut and fill. Four locations either had not been previously surveyed or have the potential to affect undisturbed soils. These four locations were the subject of pedestrian archeological surveys—all with negative results.

There are no archeological historic properties in the APE for this project.

Standing Structures:
An evaluation for standing structures was completed by Preservation Associate Diane Laffin in November of 2015. There are no structural or architectural historic properties in the APEs for the 14 locations, as defined above (see Enclosure 3).

Recommended Effect:
This undertaking has been reviewed under the programmatic agreement entitled *Programmatic Agreement Among the Federal Highway Administration, the Nebraska State Historic Preservation Officer, the Advisory Council on Historic Preservation and the Nebraska Department of Roads to Satisfy the Requirements of Section 106 for the Federal Aid Highway Program in the State of Nebraska* (July 2015) and meets the requirements to be considered a Tier II Project. Tier II projects result in a project effect recommendation of no historic properties affected.

The Federal Highway Administration (FHWA) is providing this documentation for your review and comment and requests that the Iowa Tribe of Kansas and Nebraska notify FHWA of any objections within 30 days of receipt of this letter.

If you have any questions regarding this information, do not hesitate to contact me at your convenience.

Sincerely yours,

Scott H. Stapp
Environmental Protection Specialist

Enclosures

U.S. Department of Transportation
Federal Highway Administration

NEBRASKA DIVISION

100 Centennial Mall North
Room 220
Lincoln, NE 68508
(402)742-8460

April 13, 2016

Mr. Shannon Wright
Tribal Historic Preservation Officer
Ponca Tribe of Nebraska
P.O. Box 288
Niobrara, NE 68760

Dear Mr. Wright:

Project ITS-NH-D1 (106), CN 13280
District 1 Automated Gates
Seward, Lancaster, Cass, Saunders, and Sarpy Counties
Cultural Resources Evaluation

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Scope details include:

- Installation of automated gates, post mounted signs, climbable truss towers, and control cabinets all with ground rods.
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- Cameras would be installed at various locations.
- Construction activities may result in minor soil disturbance outside the hinge point.
- Project surveying and staking would be required.
- Areas disturbed during construction would 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 would be required to build this project.
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The Federal Highway Administration (FHWA) is providing this documentation for your review and comment and requests that the Ponca Tribe notify FHWA of any objections within 30 days of receipt of this letter.

If you have any questions regarding this information, do not hesitate to contact me at your convenience.

Sincerely yours,

Scott H. Stapp
Environmental Protection Specialist

Enclosures

Nebraska Department of Roads

Project Description

Project Name: District 1 Automated Gates
Project No: ITS-NH-D1(106)
Control No: 13280
Date of Last Revision: 12/17/14

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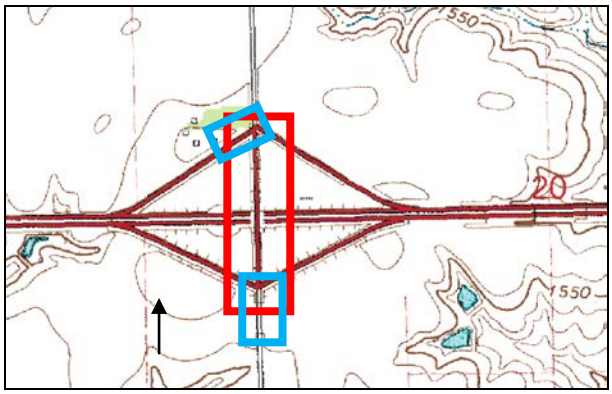
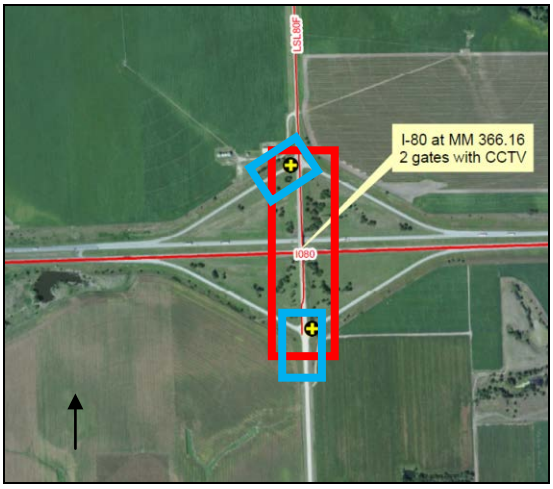
Location (map reference)	CN	District	Project #	County	Highway Mile Marker
1	13280	1	ITS-NH-D1(106)	Seward	I80/MM366.16

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
Archeological survey completed; no sites identified in APE.	One overpasses in APE (S08036616). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures in the APE.	No Historic Properties Affected.



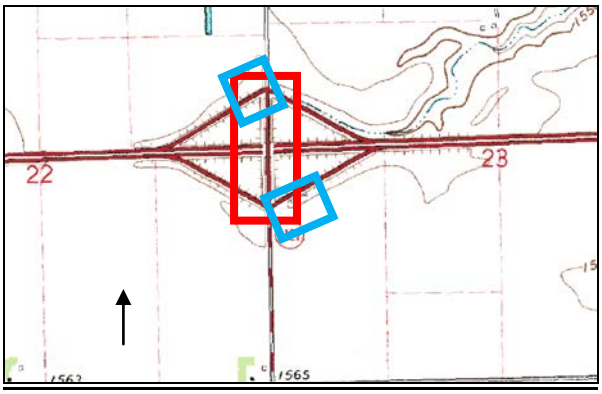


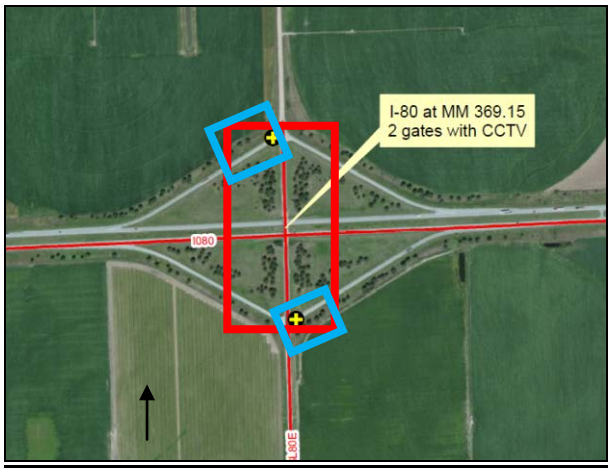
Area of Potential Effects (APE)

Archeological Survey Areas

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
2	13280	1	ITS-NH-D1(106)	Seward	I80/MM369.15

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
Archeological survey completed; no sites identified in APE.	One overpasses in APE (S08036915). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures in the APE.	No Historic Properties Affected.



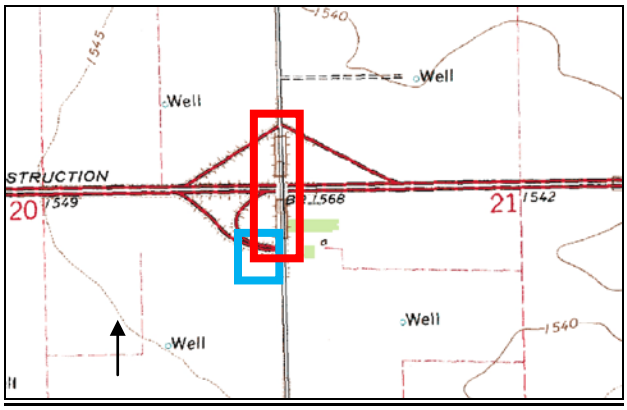


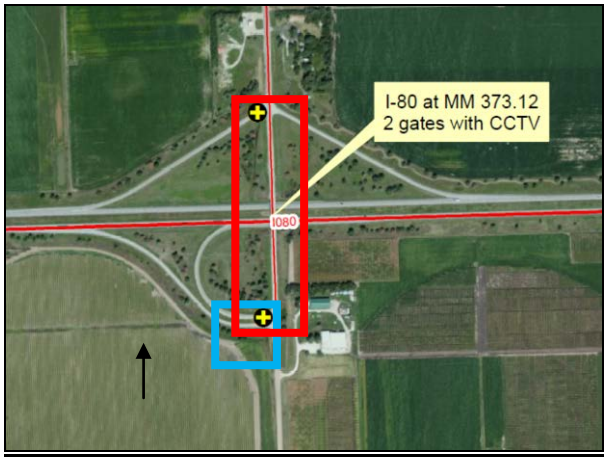
Area of Potential Effects (APE)

Archeological Survey Area

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
3	13280	1	ITS-NH-D1(106)	Seward	I80/MM373.12

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
Archeological survey completed; no sites identified in APE.	One overpasses in APE (S08037312). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures in the APE.	No Historic Properties Affected.



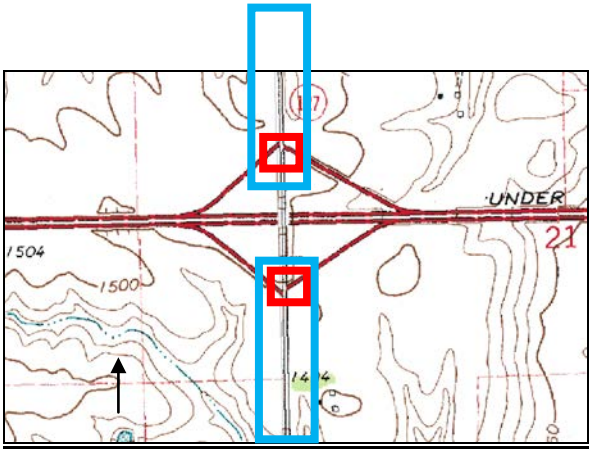


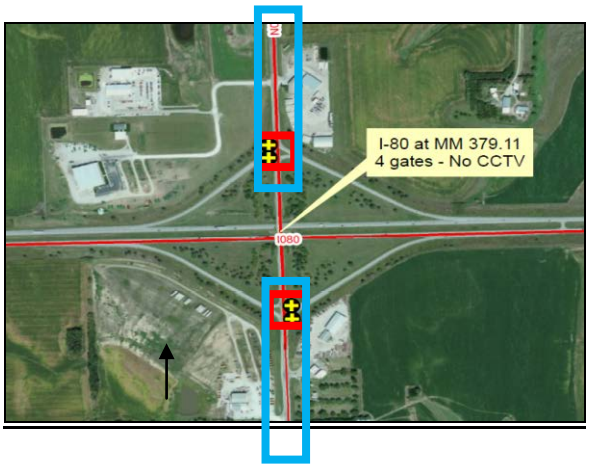
Area of Potential Effects (APE)

Archeological Survey Area

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
4	13280	1	ITS-NH-D1(106)	Seward	I80/MM379.11

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
Archeological survey previously completed (Lynch 2014); no sites identified in APE; no further work required. Gates only; no cameras Lynch, Shaun 2014 *NHAP-Project Survey Summary, RD-15-2(1026), Seward South, Seward County, Nebraska*. On File, Nebraska State Historical Society	One overpasses in APE (S08037911). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures in the APE.	No Historic Properties Affected.



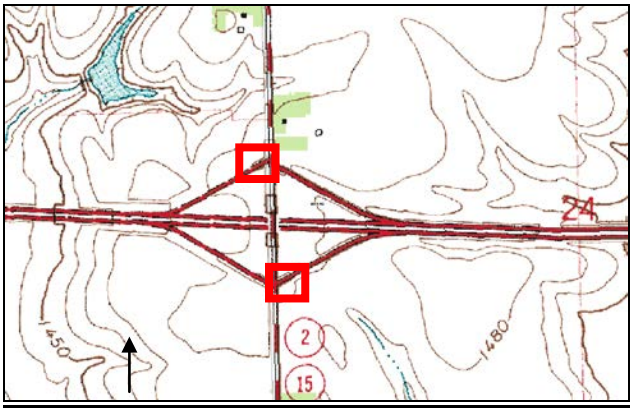


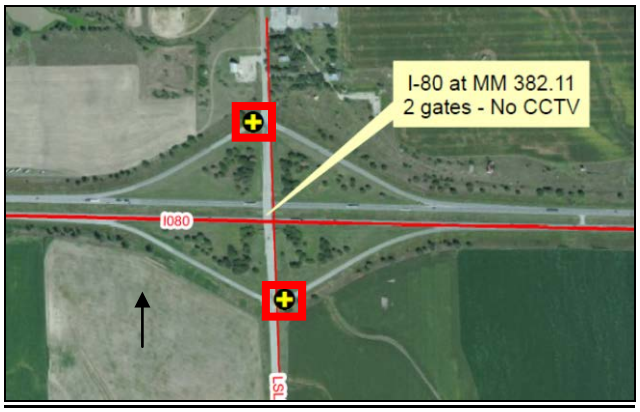
Area of Potential Effects (APE)

Archeological Survey Area

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
5	13280	1	ITS-NH-D1(106)	Seward	I80/MM382.11

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
APE entirely on fill. Gates only; no cameras. No archeological survey required.	One overpasses in APE (S08038211). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures in the APE.	No Historic Properties Affected.

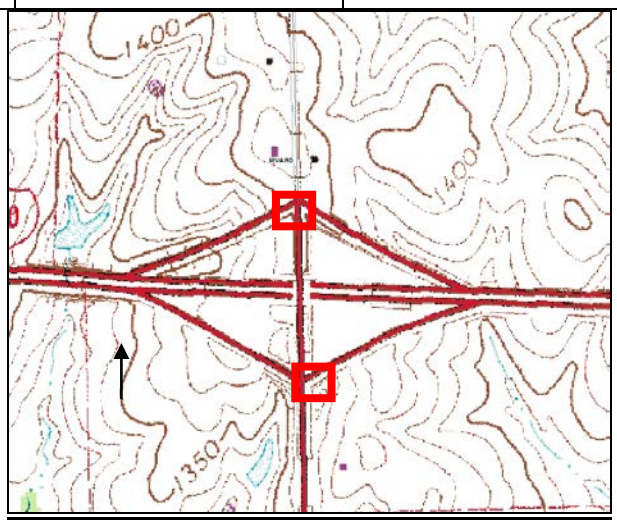


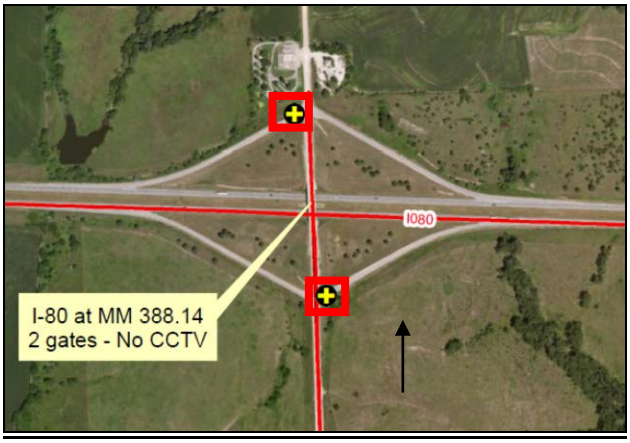


Area of Potential Effects (APE)

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
6	13280	1	ITS-NH-D1(106)	Seward	I80/MM388.14

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
APE entirely on fill. Gates only; no cameras. No archeological survey required.	One overpasses in APE (S08038814). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures in the APE.	No Historic Properties Affected.

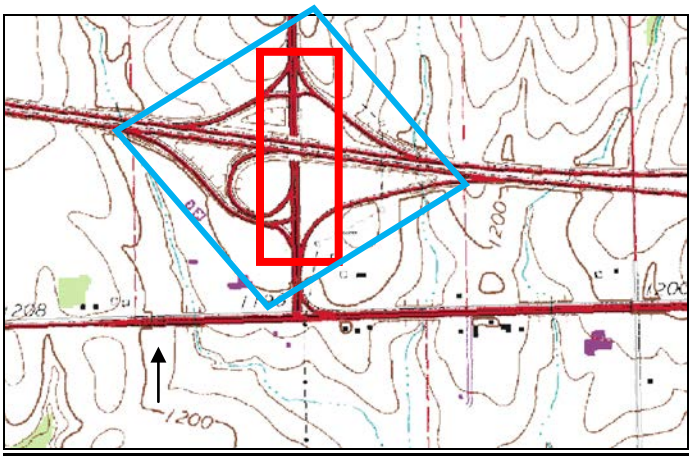


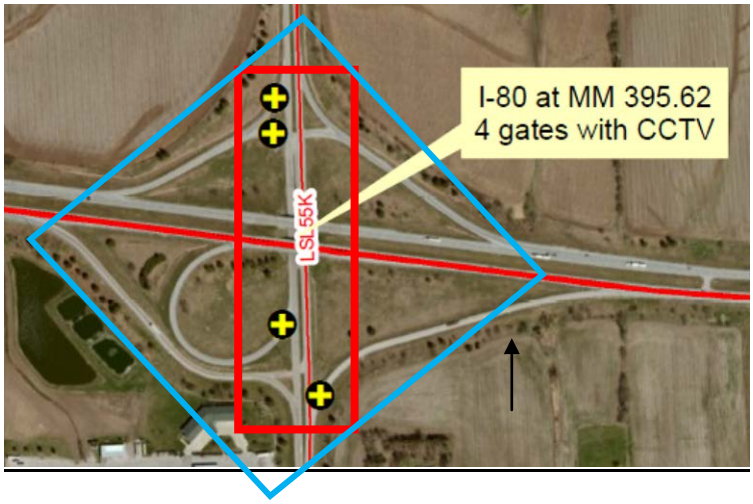


Area of Potential Effects (APE)

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
7	13280	1	ITS-NH-D1(106)	Lancaster	I80/MM395.62

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
Archeological survey previously completed (Johnson 2012); no sites identified in APE; no further work required. Gates only; no cameras Johnson, Nolan 2012 *NHAP-Project Survey Summary IM-80-9(862), NW 56th Street to US-77 South, Lancaster County, Nebraska.* On File, Nebraska State Historical Society.	One overpasses in APE (S08039562). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures in the APE.	No Historic Properties Affected.



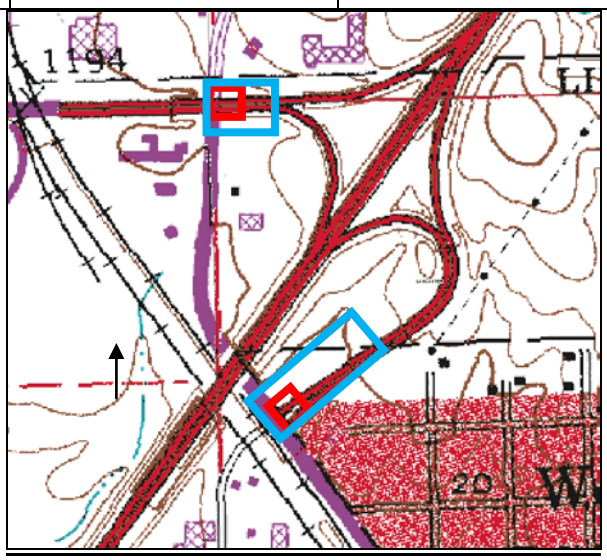


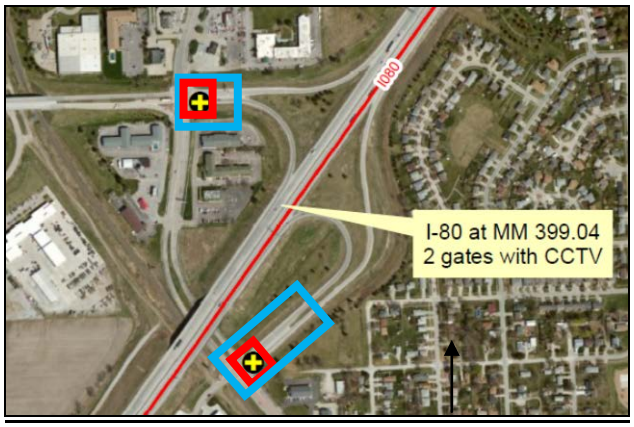
Area of Potential Effects (APE)

Archeological Survey Area

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
8	13280	1	ITS-NH-D1(106)	Lancaster	I80/MM399.04

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
Archeological survey completed; no sites identified in APE.	One viaduct in APE (S08039904). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures over 50 years in age in the APE.	No Historic Properties Affected.



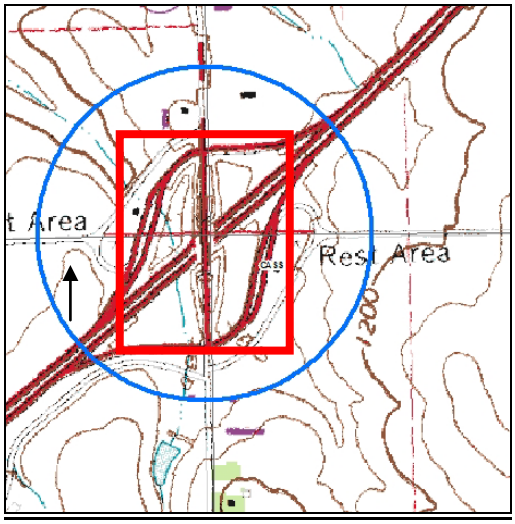


Area of Potential Effects (APE)

Archeological Survey Area

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
9	13280	1	ITS-NH-D1(106)	Cass	I80/MM 420.94

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
Archeological survey previously completed (Bozell 2002); no sites identified in APE; no further work required. Bozell, Rob 2002 *NHAP Project Survey Summary -PSS NH-80-9(828), N-63 Interchange.* On File, Nebraska State Historical Society.	One viaduct in APE (S08042094). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures over 50 years in age in the APE.	No Historic Properties Affected.

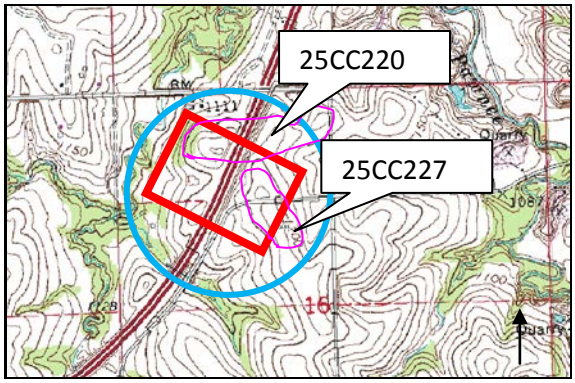


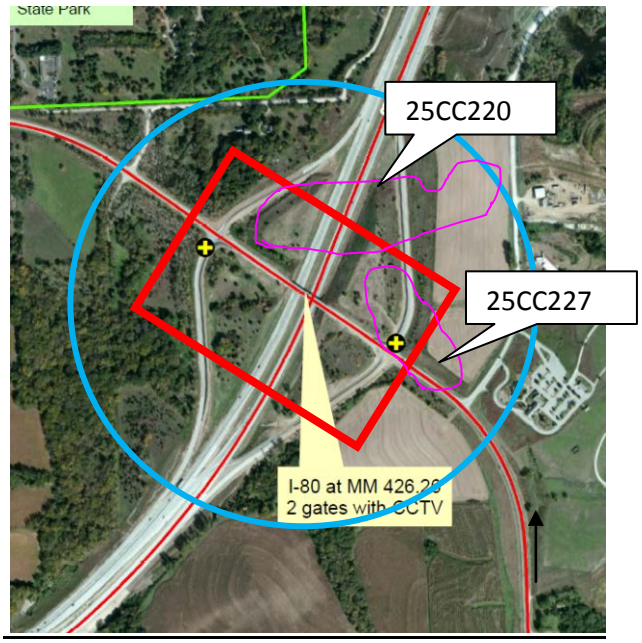
Area of Potential Effects (APE)

Archeological Survey Area

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
10	13280	1	ITS-NH-D1(106)	Cass	I80/MM 426.26

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
Archeological survey previously completed (Ludwickson and Bozell 1989); 25CC220 and 25CC227 in the APE; Both sites determined **Not Eligible** by SHPO on June 6, 1989 (see SHPO files); no further work required. Ludwickson, John, and Rob Bozell 1989 *A cultural resources survey of Mahoney State Park - Interstate 80 Interchange, Alternate 3, Cass County, Nebraska.* On File, Nebraska State Historical Society.	One viaduct in APE (S08042626). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures over 50 years in age in the APE.	No Historic Properties Affected.

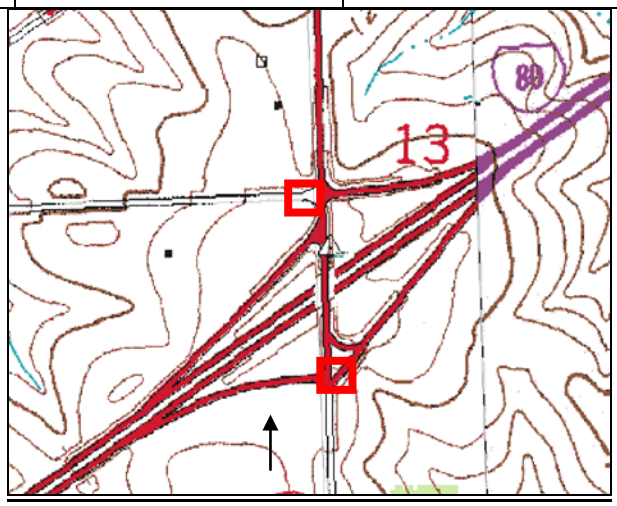


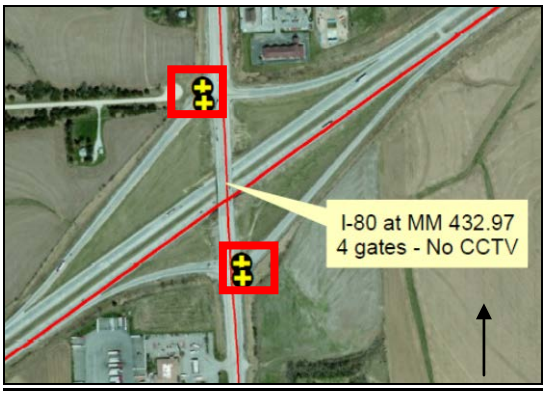


Area of Potential Effects (APE)
Archeological Survey Area

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
11	13280	2	ITS-NH-D1(106)	Sarpy	I80/MM 432.67

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
APE entirely on fill. Gates only; no cameras. No archeological survey required.	One viaduct in APE (S08043267). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures over 50 years in age in the APE.	No Historic Properties Affected.

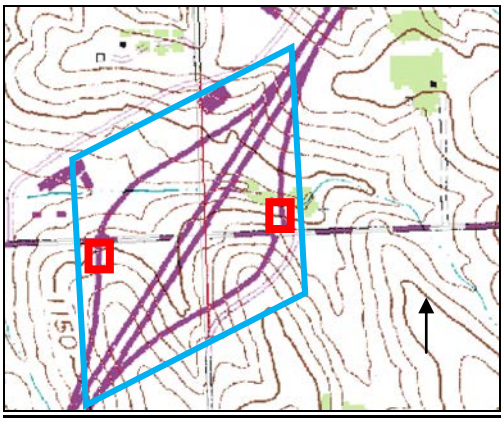


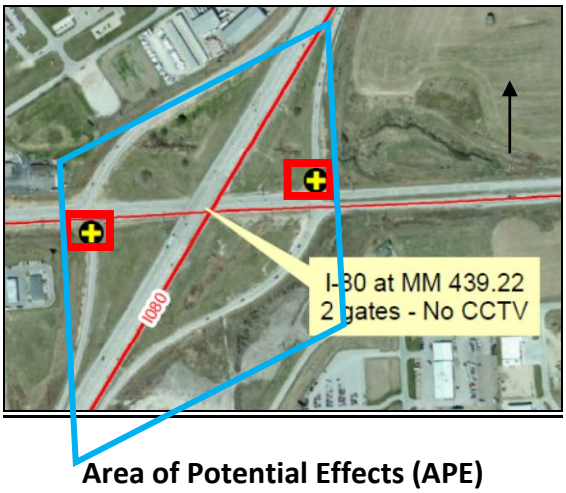


Area of Potential Effects (APE)

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
12	13280	2	ITS-NH-D1(106)	Sarpy	I80/MM 439.22

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
Archeological survey previously completed (Bozell 2000); no sites identified in APE; no further work required. Bozell, Rob 2000 *NHAP-Project Survey Summary NH-80-9(808), N-370 - N-50.* On File, Nebraska State Historical Society.	One viaduct in APE (S08043922). Not identified as an eligible structure in the NDOR/NeSHPO Nebraska inventories of bridges before 1947 or of those from 1947 to 1965. Also not on the list of structures excluded from the November 2012 Advisory Council on Historic Preservation Program Comment issued for Streamlining Section 106 Review for Actions Affecting Post-1945 Concrete and Steel Bridges.	No other structures over 50 years in age in the APE.	No Historic Properties Affected.



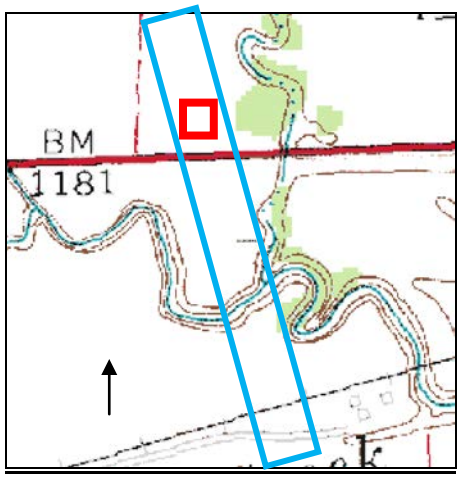


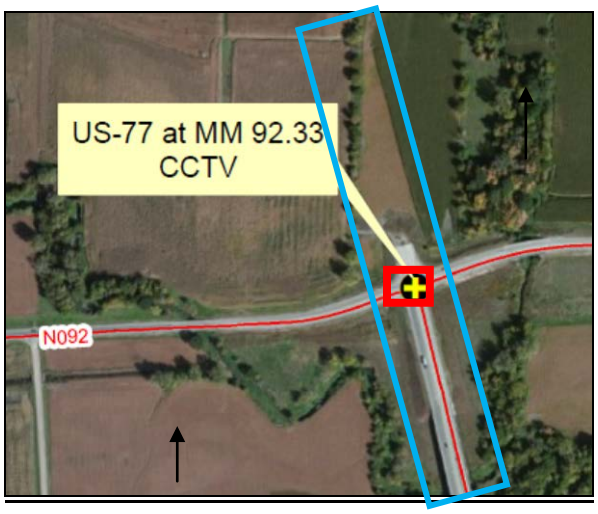
Area of Potential Effects (APE)

Archeological Survey Area

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
13	13280	1	ITS-NH-D1(106)	Saunders	US77/MM 092.33

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
Archeological survey previously completed (Bozell 1997); no sites identified in APE; no further work required. Bozell, Rob. 1997 *Cultural Resources Investigation for the Ceresco to Fremont Expressway, Saunders County, Nebraska*. On File, Nebraska State Historical Society.	No Bridges in the APE.	No other structures over 50 years in age in the APE.	No Historic Properties Affected.



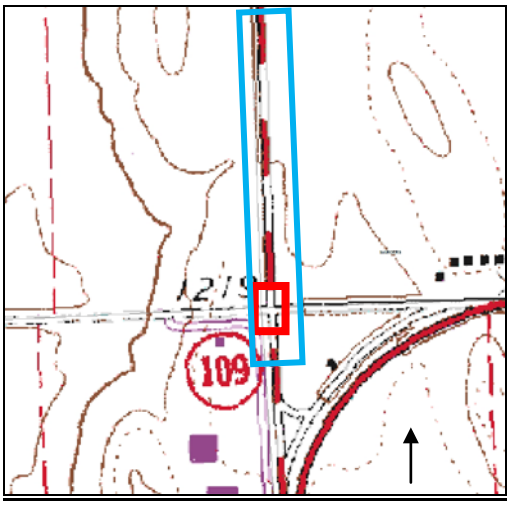


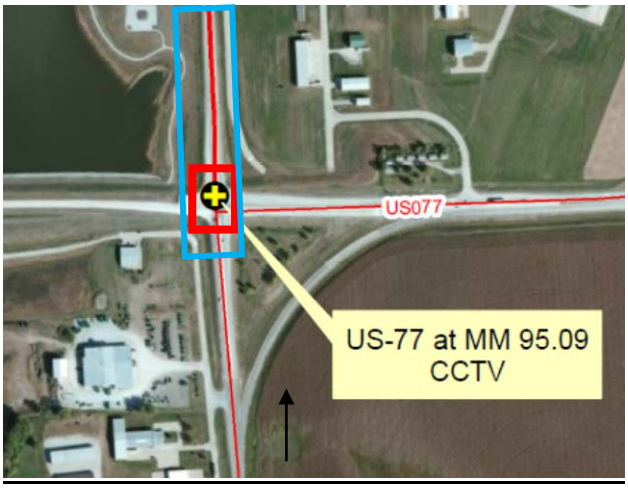
Area of Potential Effects (APE)

Archeological Survey Area

Location (map reference)	CN	District	Project #	County	Highway Mile Marker
14	13280	1	ITS-NH-D1(106)	Saunders	US77/MM 095.09

Archeological Assessment	Bridge Assessment	Other Standing Structures Assessment	Effects Determination
Archeological survey previously completed (Bozell 1996); no sites identified in APE; no further work required. Bozell, Rob 1996 *NHAP-Project Survey Summary STPD-109-2(103), Cedar Bluffs South.* On File, Nebraska State Historical Society.	No Bridges in the APE.	No other structures over 50 years in age in the APE.	No Historic Properties Affected.





Area of Potential Effects (APE)

Archeological Survey Area