

# Section 106 Project Submittal Package

## Replacement of Syracuse Division Bridges

**Milepost 240.48: Judd Road, Town of Whitestown, New York**

**BIN 5512980**

**Town of Whitestown, Oneida County, New York**

**NYSTA Project ID:**

**Prepared for:**



New York State Thruway Authority  
200 Southern Blvd.  
P.O. Box 189  
Albany, NY 12201-0189



Stantec  
61 Commercial Street, Suite 100  
Rochester, NY 14614  
[www.stantec.com](http://www.stantec.com)

**Prepared by:**



**Environmental Design & Research,  
Landscape Architecture, Engineering, & Environmental Services, D.P.C.**  
217 Montgomery Street, Suite 1000  
Syracuse, New York 13202  
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**February 2017**

**NEW YORK STATE THRUWAY AUTHORITY (NYSTA) PROJECT SUBMITTAL PACKAGE**  
**Section 106 of the National Historic Preservation Act**

A Project Submittal Package is prepared by the NYSTA (Sponsor) or their consultants for federal aid transportation projects to provide sufficient information for NYSTA assessment of Section 106 obligations.

DATE February 10, 2017 NYSTA PROJECT ID \_\_\_\_\_ BINs 5512980

**IDENTIFICATION**

Project Name (if any) MP 240.48 Judd Road, Whitestown

Project Area Boundaries See attached mapping for limits of Projects. Section 1.1 contains a full description of Project limits.

(Indicate State or County Route # and/or local street name, and clearly defined endpoints)

County Oneida

Town/City Whitestown

Village/Hamlet: N/A

Have you consulted the NYSHPO web site at \*<http://nysparks.state.ny.us> to determine the preliminary presence or absence of previously identified cultural resources within or adjacent to the project area? If yes: ☒ Yes ☐ No

- Was the project site wholly or partially included within an identified archaeologically sensitive area? ☒ Yes ☐ No
- Does the project site involve or is it substantially contiguous to a National Register of Historic Places listed property? Yes ☐ No ☒

\*<http://nysparks.state.ny.us> then select **HISTORIC PRESERVATION** then **Historic Preservation Field Services Bureau** then **On Line Tools – CRIS**

<b>ALL PROJECTS SUBMITTED FOR REVIEW SHOULD INCLUDE THE FOLLOWING INFORMATION</b>
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☒ **Project Description** – Attach a full description of the nature and extent of the work to be undertaken as part of this project. This should include, but not limited to, potential activities that might involve drainage, cutting, excavation, grading, filling, on-site detours, new sidewalks, right-of-way acquisition. Relevant portions of the project applications or environmental statements may be submitted. This could be from sections of the Draft Design Report/ Draft Scoping Document.

☒ **Location Maps** - Provide USGS Quad or DOT Planimetric map showing project area location. The map must clearly show street and road names surrounding the project area as well as all portions of the project.

☒ **Photos** - Provide clear, original color photographs of the entire project area keyed to a site plan. These photos should indicate:

- Buildings/structures more than 50 years old that are located along the property or on adjoining property
- Areas of prior ground disturbance (removal of original topsoil; filling and plowing are not considered disturbance)

**LOCAL SPONSOR CONTACT**

Name: Albert Mastroianni Title: Project Manager  
Firm/Agency: New York State Thruway Authority  
Address: 200 Southern Boulevard City: Albany State: NY Zip: 12201  
Phone: 518-436-2909 E-Mail: Albert.mastroianni@thruway.ny.gov

Consultant Name: Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, D.P.C.  
Contact Information: 217 Montgomery Street, Suite 1000, Syracuse, NY 13202  
Phone: (315) 471-0688

## 1.0 Project Information

The purpose of this Section 106 Project Submittal Package (PSP) is to document the potential for impact on cultural resources that may result from replacement of the Judd Road bridge over the New York State Thruway, at Milepoint (MP) 240.48 on the New York State Thruway, in the Town of Whitestown, Oneida County, New York (hereafter, the Project). This PSP was prepared by Environmental Design & Research, Landscape Architecture, Engineering, & Environmental Services, D.P.C. (EDR) on behalf of the New York State Thruway Authority (NYSTA). This submittal was prepared by EDR cultural resources staff who meet the qualifications specified by the Secretary of the Interior's Standards for Historic Preservation and Archaeology per 36 CFR Part 61.

### 1.1 Project Location

The proposed Project consists of the replacement of the Judd Road bridge over the New York State Thruway, in the Town of Whitestown, Oneida County (see Attachment A). The existing steel multi-girder bridge is oriented north/south and was constructed in 1952.

The following terms are used throughout the PSP to describe the proposed action:

- **NYSTA MP 240.48: Judd Road, (BIN 5512980) (the Project):** The proposed Project consists of the replacement an existing 4 span steel multi-girder bridge. The existing bridge carries Judd Road over the New York State Thruway (I-90), and was constructed in 1952. As stated in a 2015 Bridge Inspection Report (see Attachment B), several components of the bridge structure have deteriorated, and are in need of repair and/or replacement.
- **Area of Potential Effect (APE):** The APE for this Project is defined as a 1500-foot corridor in both the north and south directions along the Judd Road from the bridge, as well as a 500-foot corridor in both the east and west directions along the New York State Thruway (see Attachment A for limits of the APE).

### 1.2 Potential Impact on Historic-Architectural Resources

The New York State Office of Parks, Recreation and Historic Preservation (NYSOPRHP) Cultural Resources Information System (CRIS) website was reviewed to determine the location of properties listed on the National Register of Historic Places (NRHP) within and immediately adjacent to the APE defined above. No properties previously listed on, or determined eligible for, the NRHP are located within the APE. Therefore, the proposed Project is not anticipated to affect historic properties previously listed on or eligible for the NRHP.

The proposed project will include superstructure replacement. This approach will not significantly alter the appearance of the bridge, and therefore, the Project has no potential to adversely impact the setting of any historic resources.

The bridges were initially constructed as a part of the new Interstate 90 (New York State Thruway) circa 1952, as confirmed in the 2015 Inspection Report (Attachment B). EDR has reviewed the 2002 New York State Department of Transportation (NYSDOT) *Evaluation of National Register Eligibility: Task C3 of the Historic Bridge Inventory and Management Plan*, which does not identify BIN 5512980 as eligible for listing on the NRHP.

### **1.3 Archaeological Sensitivity**

A review of the NYSOPRHP CRIS website determined that the APE is not located in an archaeologically sensitive area, there are no previously reported archaeological sites in the APE, and no previous cultural resources surveys have been conducted within or immediately adjacent to the proposed APE.

A review of historic aerial photographs (see Attachment C) indicates that the land within and adjacent to the APE was primarily agricultural and undeveloped prior to the construction of the New York State Thruway. The east-west length of the APE was initially disturbed by construction of the Thruway in the early-to-mid 1950s, and the entire APE has been disturbed by road widening and maintenance throughout the late twentieth century.

The land within and immediately adjacent to the APE has been heavily disturbed by the construction of the New York State Thruway. Therefore, the APE for the proposed Project is considered to have low archaeological sensitivity for historic and prehistoric cultural resources.

### **1.4 Archaeological Impact Assessment**

There are no previously reported archaeological sites in the APE. All ground disturbance will be restricted to the areas around existing bridge abutments and piers, which consist of made land built up during the construction of Interstate 90 (the New York State Thruway) circa 1954. Therefore, the proposed Project is not anticipated to impact any archaeological resources.

### **1.5 Photographs**

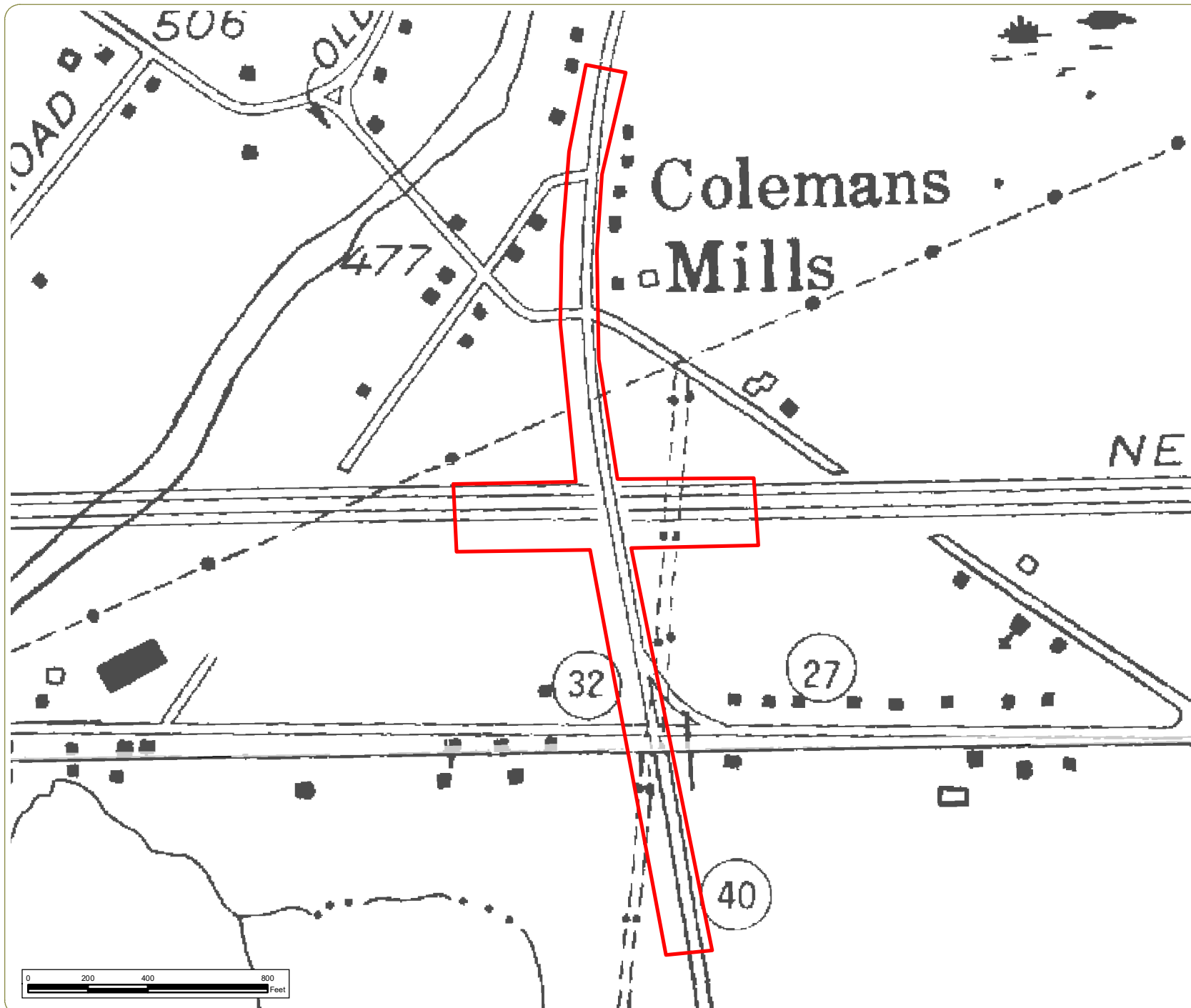
A site visit was conducted by EDR staff on December 1<sup>st</sup>, 2016, in order to document existing conditions within the project area, including existing land use, visual character, and previous ground disturbance. Photograph locations are noted on a map included as Attachment D and selected photographs from this site visit are included as Attachment E.



## **LIST OF ATTACHMENTS**

- Attachment A. Project Location Map
- Attachment B. 2015 Bridge Inspection Report (Excerpt)
- Attachment C. Historic Aerial Photographs
- Attachment D. Photograph Locations
- Attachment E. Photographs

**Attachment A:**  
**Project Location Map**




## Replacement of Syracuse Division Bridges

**MP 240.48: Judd Road  
(BIN 5512980)**

Town of Whitestown,  
Oneida County, New York

### Attachment A: Project Location

February 2017

 Area of Potential Effect

**Notes:**  
1. Basemap: NYSDOT *Oriskany and Utica West, NY* 1:24000 planimetric quadrangles.  
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.



[www.edrdpc.com](http://www.edrdpc.com)

**Attachment B:**  
**2015 Bridge Inspection Report (Excerpt)**

**BIN:** 5512980 **MP:** 240.48  
**Region:** 2 **County:** 6 ONEIDA  
**Feature Carried:** JUDD ROAD  
**Feature Crossed:** 90IX  
**General Recommendation:** 4  
**Condition Rating:** 3.75  
**Inspect Date:** 6/17/2015



**New York State Thruway Authority - Bridge Inspection Report**

# 2015 INSPECTION

<b>FLAGS</b>	<input type="checkbox"/> RED	<input checked="" type="checkbox"/> YELLOW	<input type="checkbox"/> SAFETY	<input type="checkbox"/> NONE
	<input type="checkbox"/> PIA		<input type="checkbox"/> PIA	<input type="checkbox"/> REMOVE / INACTIVE

**REVIEWED BY:** Garret Hoffmann  
Garret Hoffmann

**TITLE:** Quality Control Engineer PE# 70686

INITIAL:

<u>Red</u>	RED FLAG	<input type="checkbox"/>
<u>Yellow</u>	YELLOW FLAG	<input checked="" type="checkbox"/>
<u>Safety</u>	SAFETY FLAG	<input type="checkbox"/>

FLAG NUMBER: 15-041

**SUPERSEDED FLAG(S):** 14035

INSPECTOR: Andrew Lachina

DATE OF INSPECTION: 6/9/2015

CURRENT FLAG INDICATOR: ACTIVE

PROMPT INTERIM ACTION RECOMMENDED:            YES   X   NO

BRIDGE DESCRIPTION:

MP: 240.48      BIN: 5512980

REGION: 2                      COUNTY: 6 (ONEIDA)                      TOWN: Whitestown

FEATURES: CARRIED: JUDD ROAD                      CROSSED: 90IX

NUMBER OF SPANS BY TYPE: 4 Spans; Type 302; Steel - Rolled Beam, Multi-Girder

YEAR BUILT: 1952

POSTED FOR LOAD: YES X NO TONS:

IS BRIDGE WHOLLY OR PARTIALLY THRUWAY OWNED:      X      YES      NO

DESCRIPTION OF FLAGGED CONDITION (Be specific as to exact nature and location of problem) :

Pier 1, Column 1 has severe spalling with exposed, corroded and debonded reinforcement on the End Left face. Spalling is up to 5.0' high x 2.8' wide x 4" deep, with 2 debonded vertical bars and 18 broken spiral ties. Both vertical bars are debonded over a height of 3.5'. The concrete within the spall crumbles easily when struck. Adjacent concrete on the End face is partially hidden by the concrete barrier, but the visible portion above the barrier is cracked and delaminated. Spalling is located 4.5' above the top of footing, and represents an approximate 10% loss of column area.

The affected column is 1 of 3 columns, each 3.5' in diameter with 13 vertical column bars. The loss of containment for the 2 vertical bars significantly affects the capacity of the column. Failure of this column would compromise Spans 1 and 2.

Though not specifically meeting the extent of deterioration to warrant a Yellow Flag, Pier 3, Column 3 is also noted here as it is in similar condition. Spalling on the Right face is 7.5' H x up to 1' W x 2" D with one exposed vertical bar and 30 exposed spiral ties, 13 of which are broken. The vertical bar is only slightly exposed over a height of 5', and the concrete within the spall is solid when struck. The spall is surrounded by 15 SF of cracked and delaminated concrete.

INSTANT DEVELOPED PHOTOS ATTACHED? X YES NO IF YES, NUMBER ATTACHED: 4

FLAGGED BRIDGE REPORT COMPLETED BY: Andrew Lachina DATE: 6/9/2015

**VERBAL NOTIFICATION:** (For Red Flags and Safety Flags with PIA only)

TO: \_\_\_\_\_ of Headquarters on \_\_\_\_\_

TO: \_\_\_\_\_ (Responsible Party) on \_\_\_\_\_


BY: \_\_\_\_\_


\* The appropriate caption in the upper left of this form shall be initialled by the individual who is the initialled

Andrew Lachina  
Signature of Thruway Team Leader


6/9/15  
Date:




<b>Location:</b>	240.48-FLG-99-00-15PIC1EL.JPG	1
Pier 1, Column 1 from End Left		
<b>Description:</b>		
The End Left face of the Column has spalling is up to 5.0' high x 2.8' wide x 4" deep, with debonded reinforcement.		
<b>Reference:</b>		
FLAG #: 15-041		

<b>Location:</b>	240.48-FLG-99-01-15PIC1EL.JPG	2
Pier 1, Column 1 from Left		
<b>Description:</b>		
Two vertical bars are debonded over a height of 3.5', and the 18 exposed spiral ties are broken.		
<b>Reference:</b>		
FLAG #: 15-041		



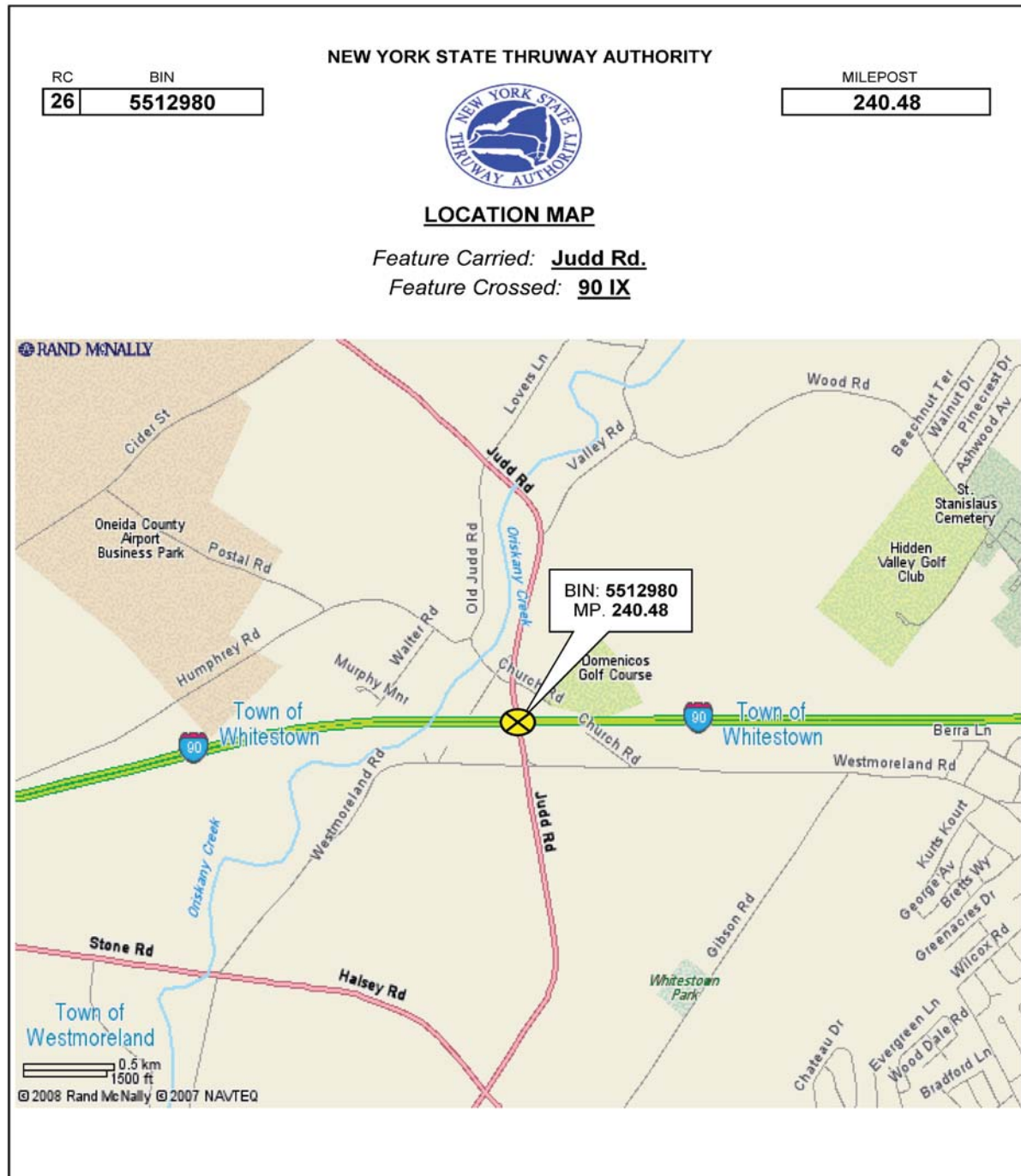
<b>Location:</b>	240.48-FLG-99-02-15P1C1EL.JPG	3
Pier 1, Column 1 from Left		
<b>Description:</b>		
The 5.0' high spall extends 1' below the surrounding ground line.		
<b>Reference:</b>		
FLAG #: 15-041		

<b>Location:</b>	240.48-FLG-99-03-15P3C3Rt.JPG	4
Pier 3, Column 3 from Right		
<b>Description:</b>		
The Right face of the Column has a 7.5' H x up to 1' W x 2" D spall with one exposed vertical bar and 30 exposed spiral ties, 13 of which are broken.		
<b>Reference:</b>		
FLAG #: 15-041		




**Sketch Type:** Location Map

**File Name:** 240.48-10-00-15LocMap.jpg



**Attachment C:**  
**Historic Aerial Photographs**



MP 240.48

Judd Road/I 90

Whitesboro, NY 13492

Inquiry Number: 4827880.5

January 13, 2017

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## EDR Aerial Photo Decade Package

01/13/17

**Site Name:**

MP 240.48  
Judd Road/I 90  
Whitesboro, NY 13492  
EDR Inquiry # 4827880.5

**Client Name:**

Environmental Design & Research, d.p.c  
217 Montgomery Street  
Syracuse, NY 13202  
Contact: Caitlin Graff



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

**Search Results:**

<b><i>Year</i></b>	<b><i>Scale</i></b>	<b><i>Details</i></b>	<b><i>Source</i></b>
2011	1"=500'	Flight Year: 2011	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1997	1"=500'	Acquisition Date: May 18, 1997	USGS/DOQQ
1985	1"=500'	Flight Date: May 08, 1985	USGS
1981	1"=500'	Flight Date: May 07, 1981	USGS
1974	1"=500'	Flight Date: April 17, 1974	USGS
1960	1"=1000'	Flight Date: May 06, 1960	USGS
1956	1"=500'	Flight Date: October 14, 1956	USGS
1952	1"=500'	Flight Date: March 27, 1952	USGS

**When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.**

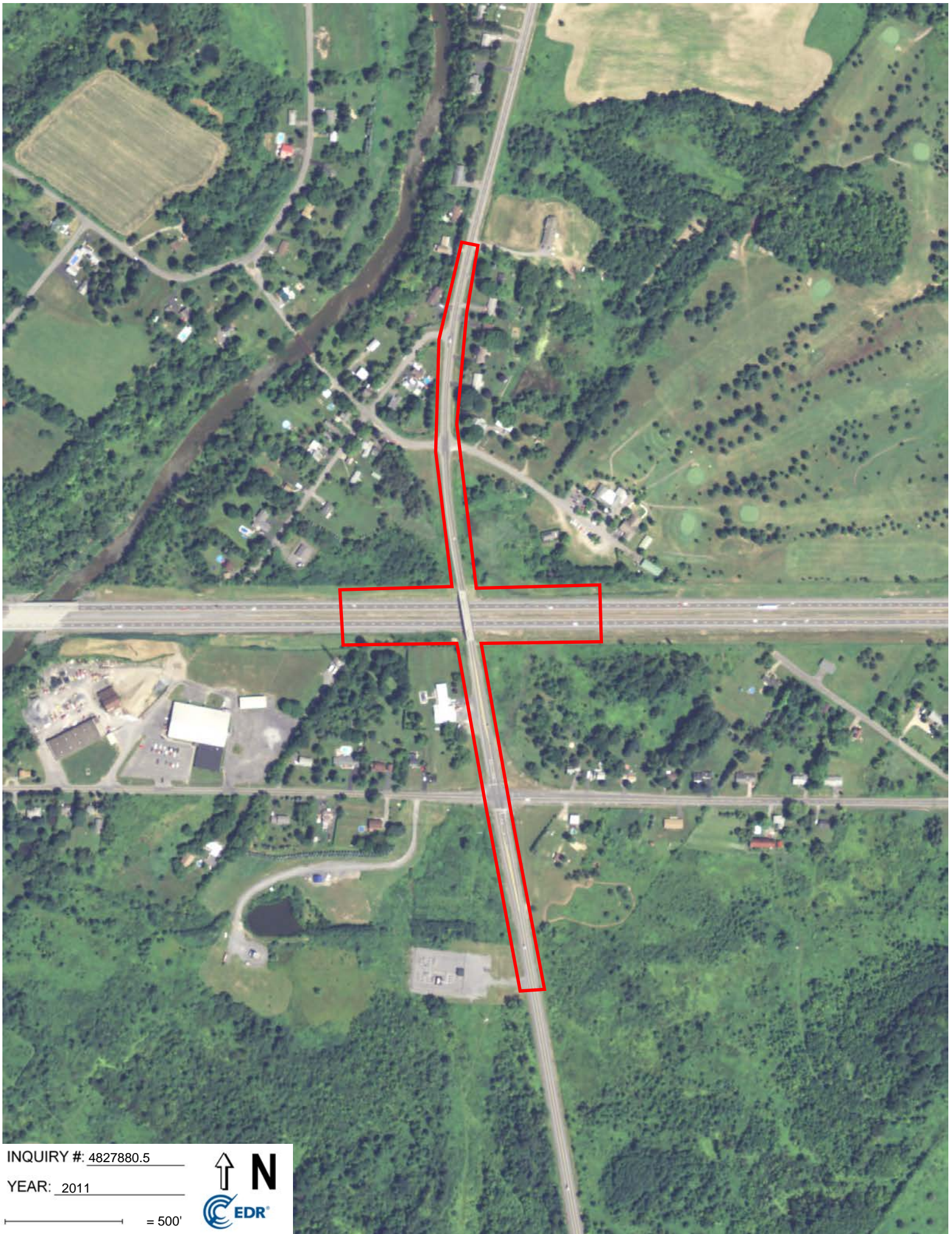
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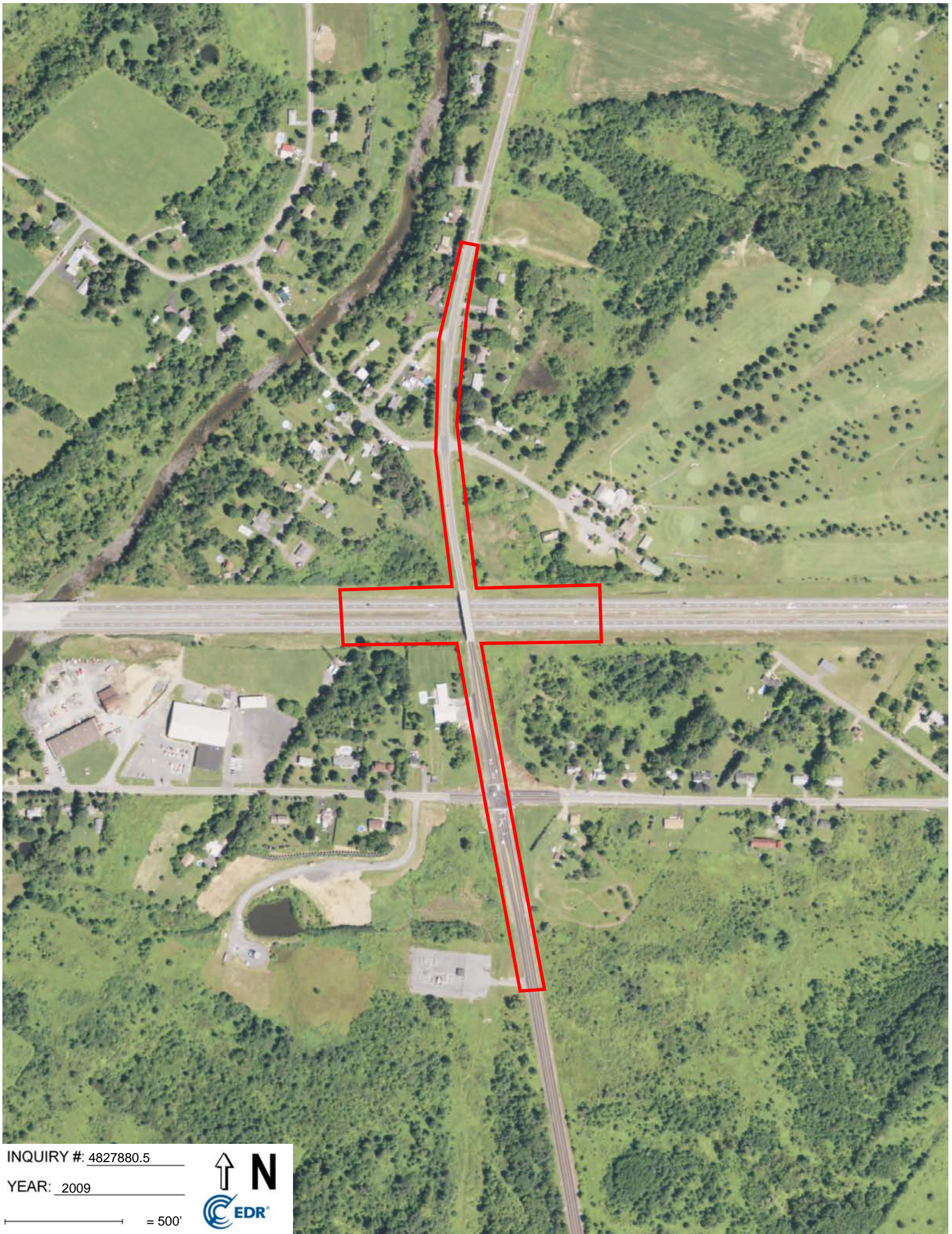
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YEAR: 2011

— = 500'







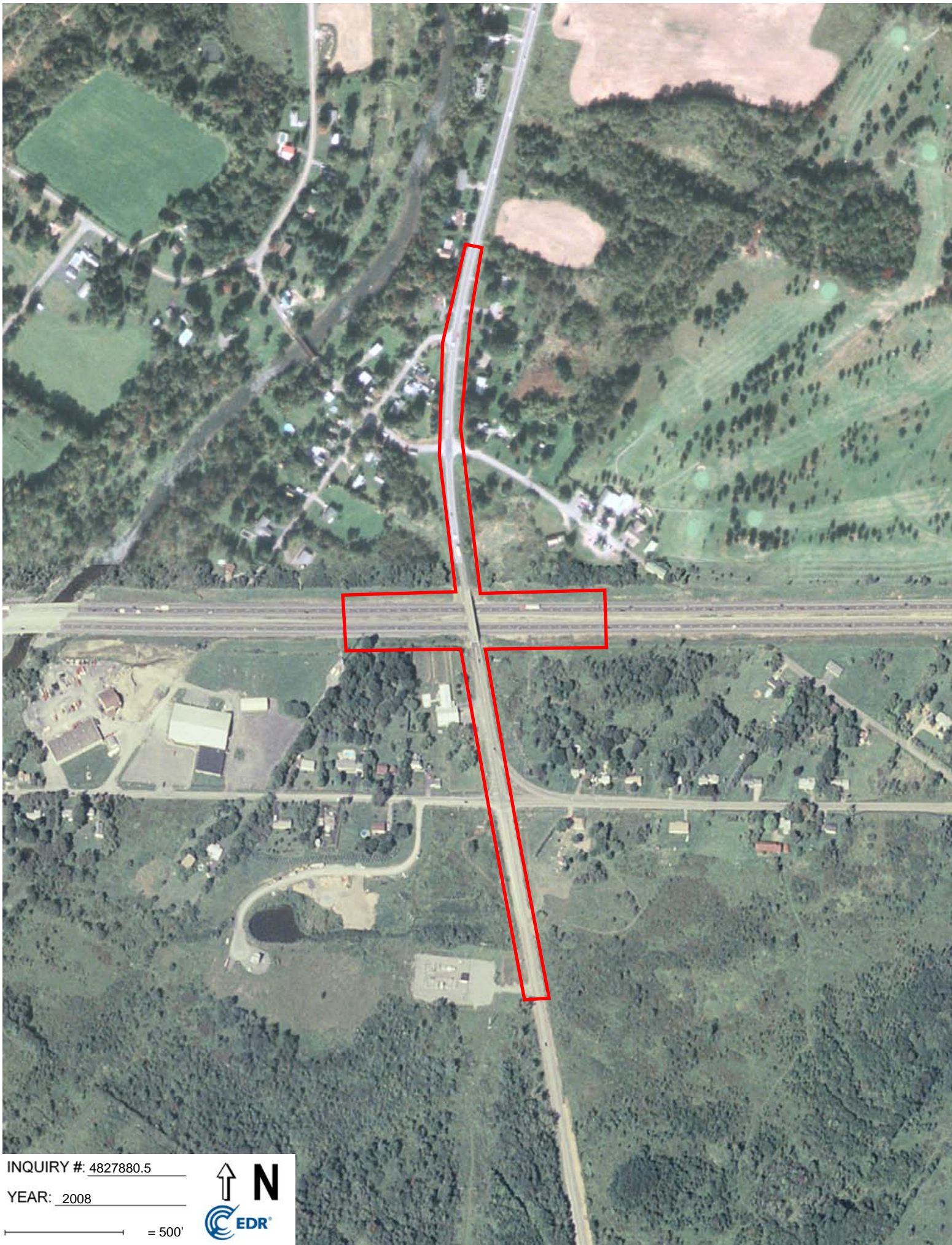
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YEAR: 2009

— = 500'







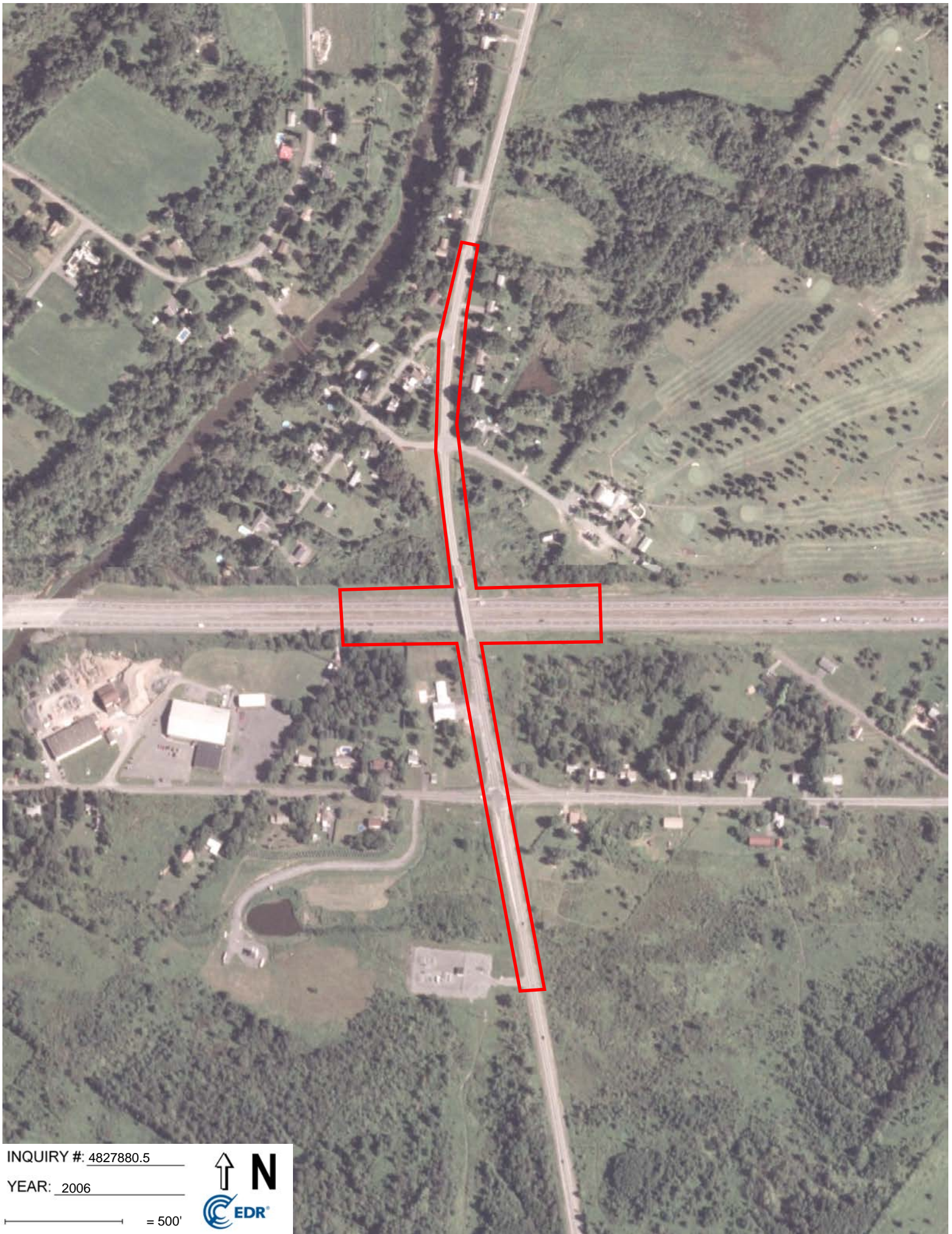
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YEAR: 2008

— = 500'







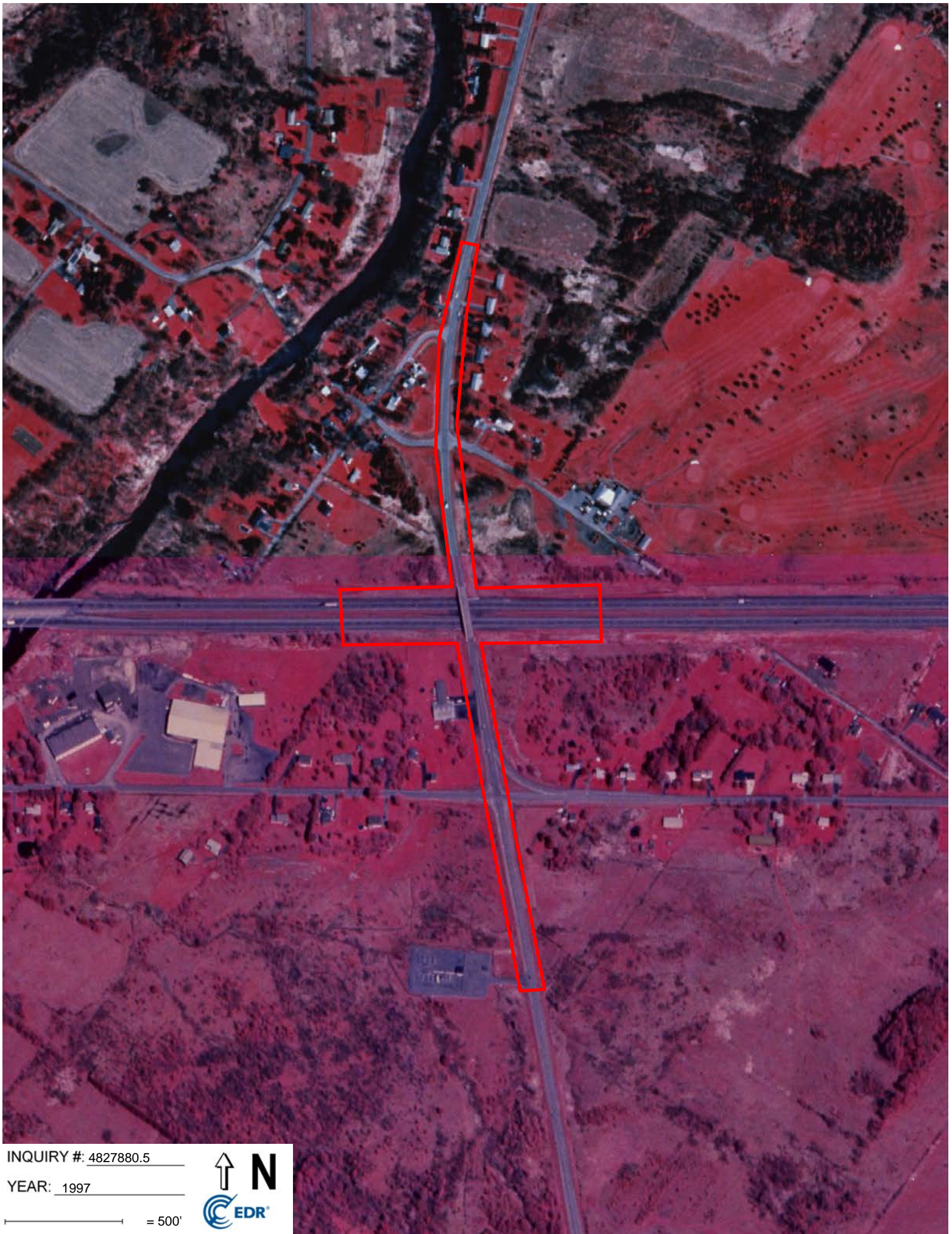
INQUIRY #: 4827880.5

YEAR: 2006

— = 500'







INQUIRY #: 4827880.5

YEAR: 1997

— = 500'







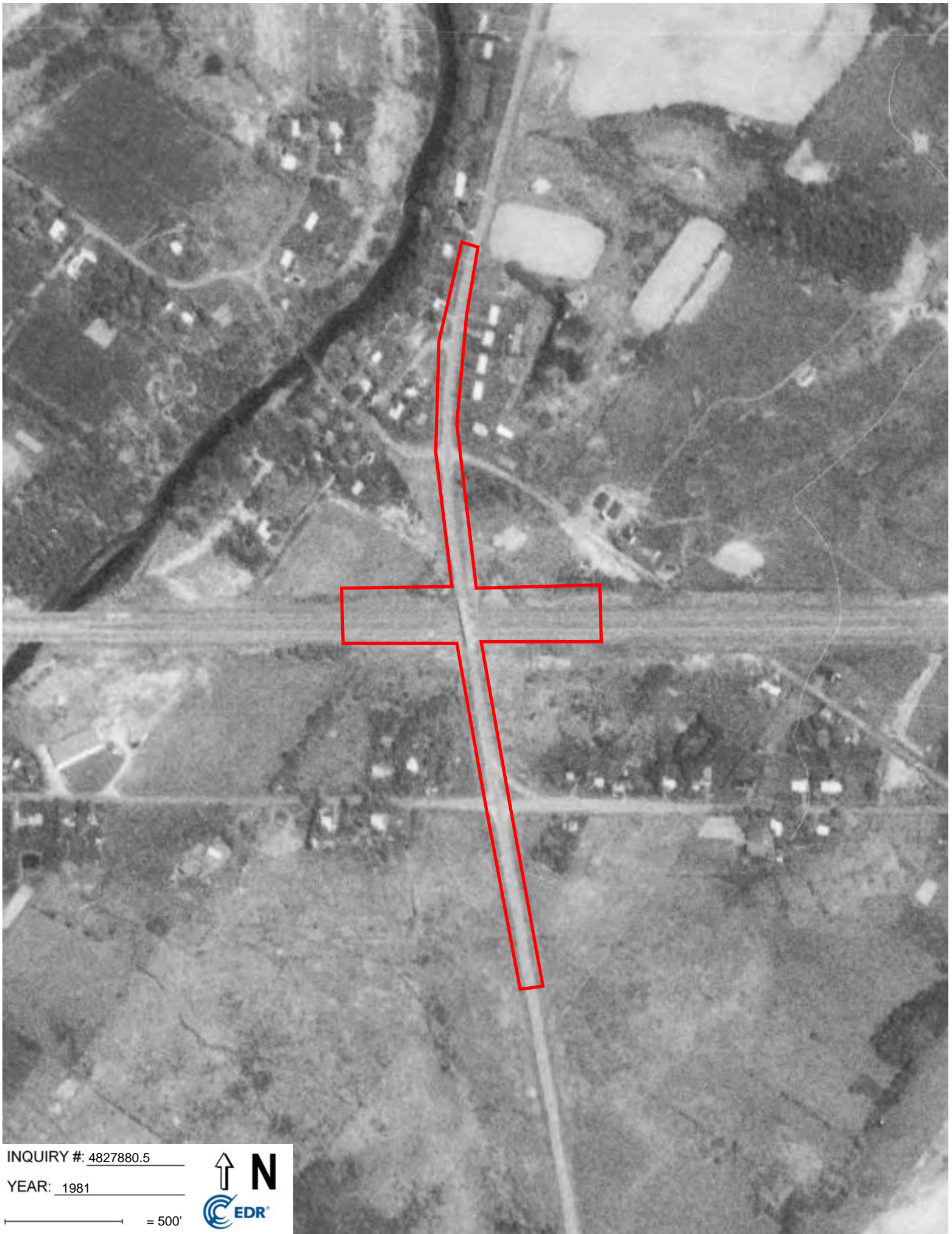
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YEAR: 1985

— = 500'





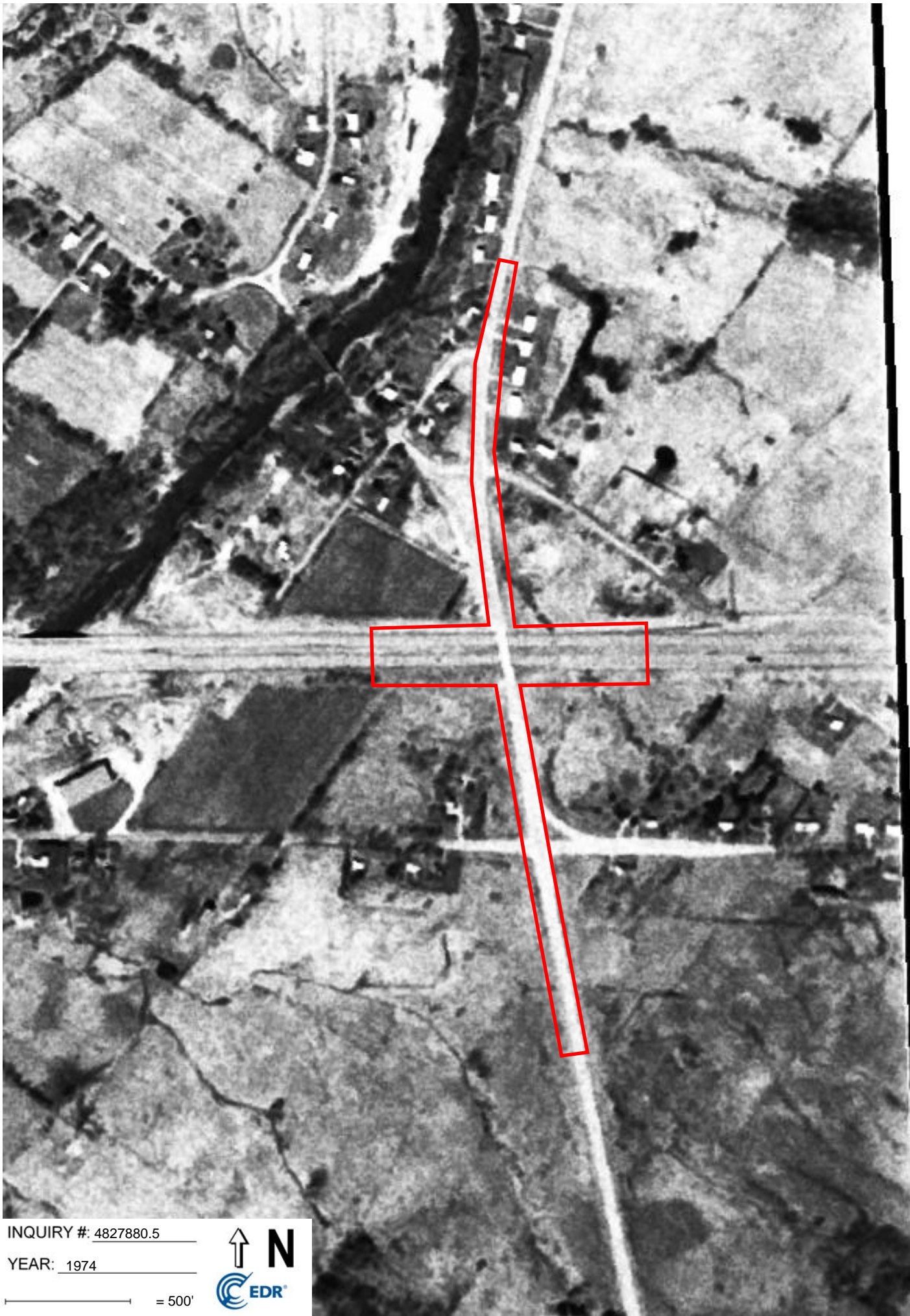


INQUIRY #: 4827880.5

YEAR: 1981

— = 500'





INQUIRY #: 4827880.5

YEAR: 1974

— = 500'







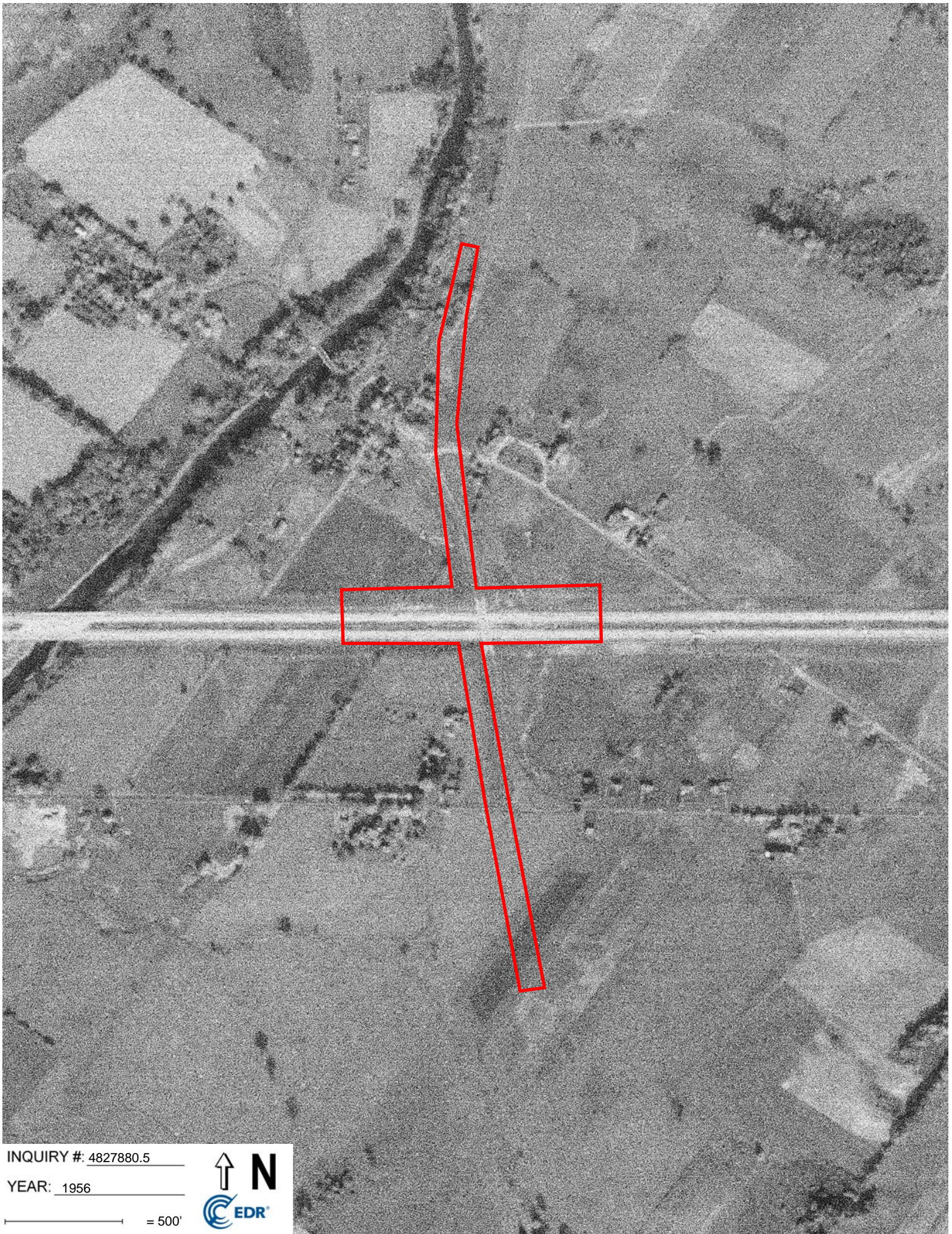
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YEAR: 1960

— = 1000'







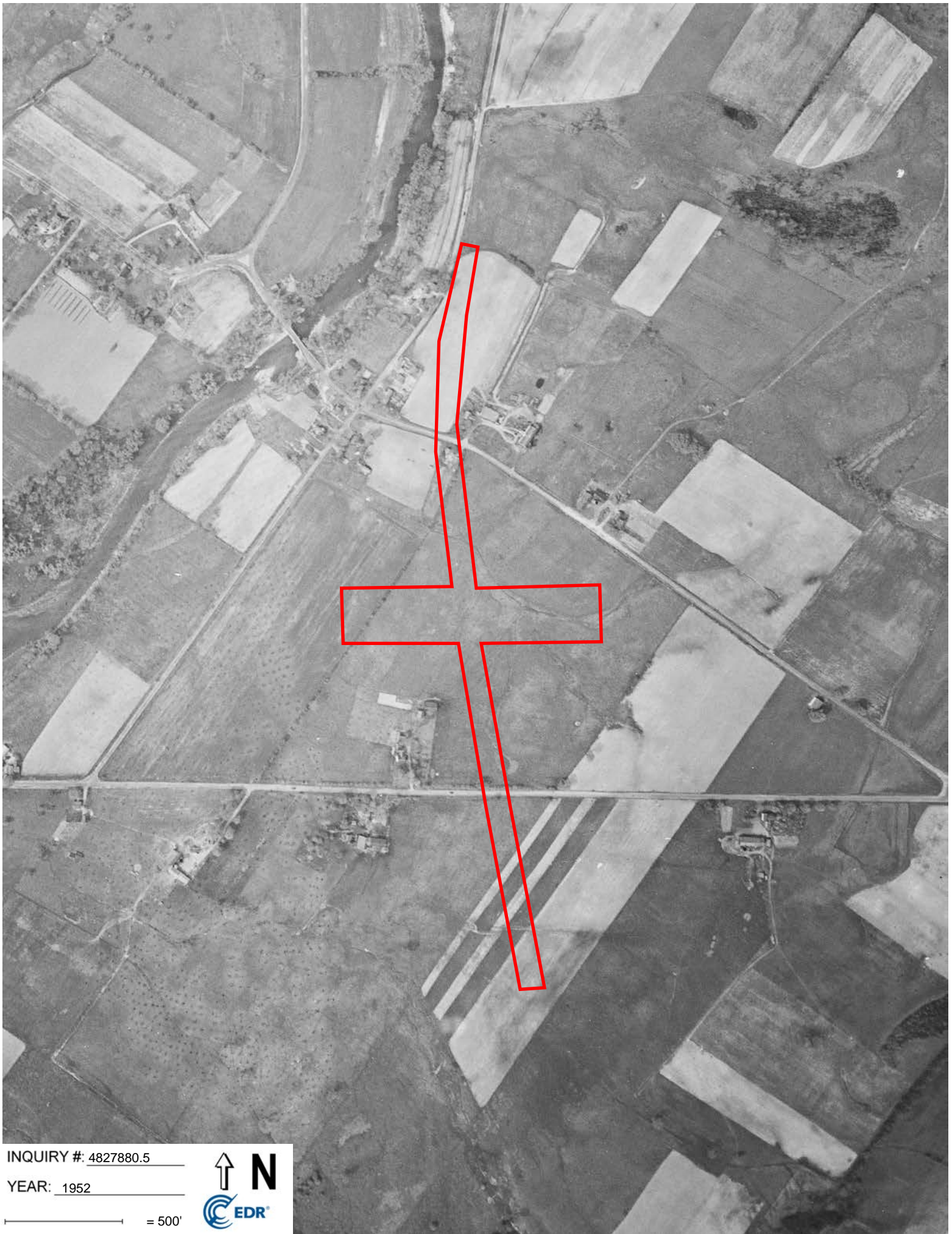
INQUIRY #: 4827880.5

YEAR: 1956

— = 500'







INQUIRY #: 4827880.5

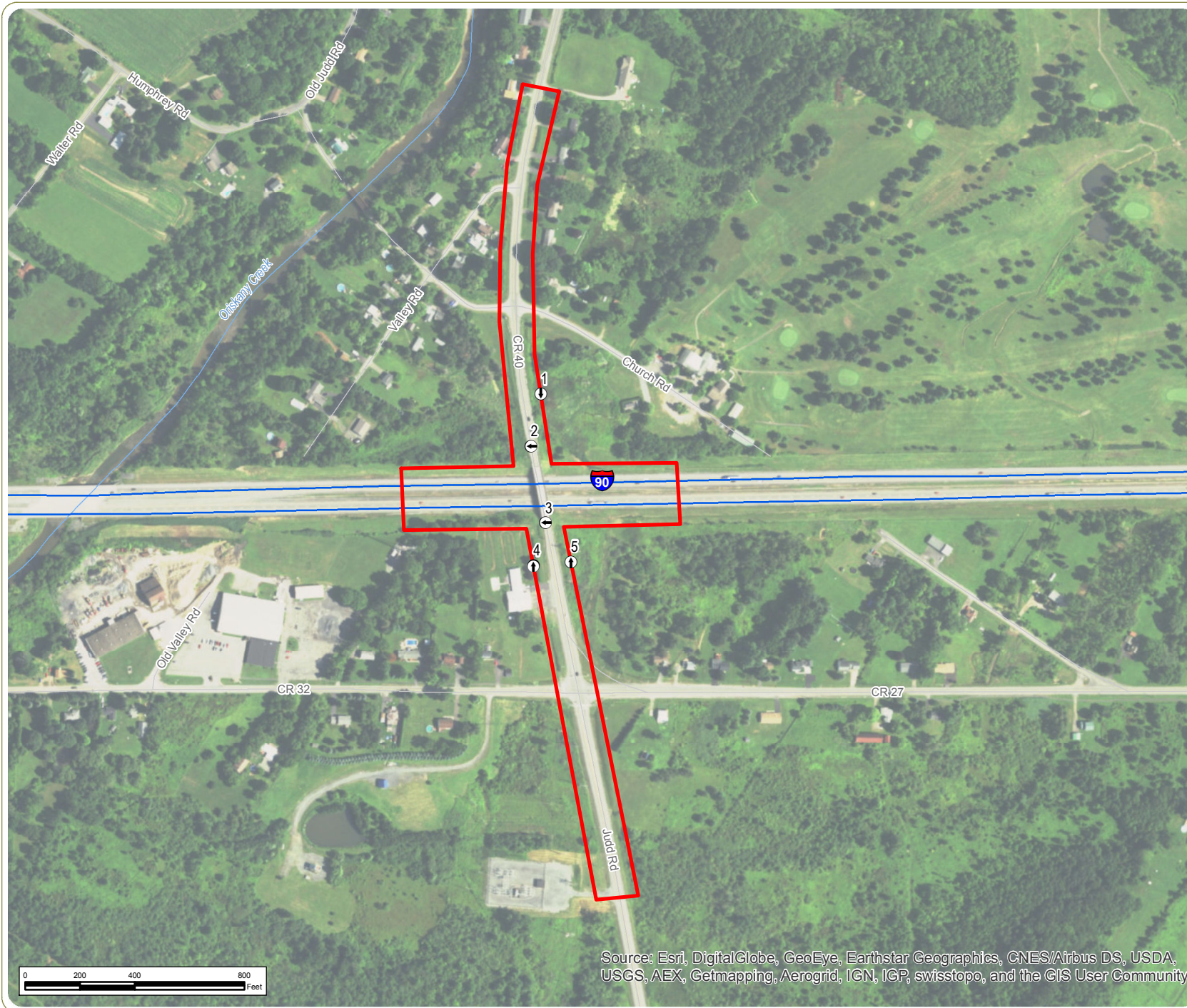
YEAR: 1952

— = 500'



**Attachment D:**  
**Photograph Locations**







## Replacement of Syracuse Division Bridges

**MP 240.48:  
Judd Road (BIN 5512980)**

Town of Whitestown, Oneida County  
New York

### Attachment D: Photograph Locations

February 2017

-  Photograph Location
-  Area of Potential Effect

**Notes:**  
1. Basemap: ESRI ArcGIS "World Imagery" online map database.  
2. This is a color graphic. Reproduction in grayscale may misrepresent the data.



**Attachment E:**  
**Photographs**





**Photo 1**

View from Judd Road, facing south toward Judd Road bridge over Thruway. Note ditch to east.



**Photo 2**

View of Thruway from Judd Road just north of bridge, facing west. Note grading to the west.

## **Replacement of Syracuse Division Bridges**

**MP 240.48: Judd Road (BIN 5512980)**

Town of Whitestown, Oneida County, New York

### **Attachment E: Photographs**

Sheet 1 of 3





**Photo 3**

View of Thruway from Judd Road just south of bridge, facing west. Note variable surface grading.



**Photo 4**

View from Judd Road just south of bridge, facing north. Note buried utilities and cut-and-fill disturbance.

## Replacement of Syracuse Division Bridges

**MP 240.48: Judd Road (BIN 5512980)**

Town of Whitestown, Oneida County, New York

**Attachment E: Photographs**

Sheet 2 of 3





**Photo 5**

View from Judd Road just south of bridge, facing north. Note cut-and-fill disturbance to the east.

## **Replacement of Syracuse Division Bridges**

**MP 240.48: Judd Road (BIN 5512980)**

Town of Whitestown, Oneida County, New York

### **Attachment E: Photographs**

Sheet 3 of 3