



US 31 South

Above-Ground Cultural Resources Identification

Memorandum

March 23, 2023

Prepared By

Gray & Pape Heritage Management



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1. INTRODUCTION

1.1. PURPOSE OF THIS MEMORANDUM

The Indiana Department of Transportation (INDOT) is conducting Planning and Environment Linkages (PEL) studies on the US 30 and US 31 corridors. This Above-Ground Cultural Resources Identification Memorandum was prepared for the ProPEL US 31 South study.

As part of the data-gathering phase of these studies, the Memorandum's purpose is to collect information on previously identified above-ground cultural resources that are listed in or eligible for listing in the National Register of Historic Places (NRHP) or may be potentially eligible for listing in the NRHP. For the purposes of this identification, an above-ground cultural resource may be any structure, building, object, bridge or cemetery that is, in simple terms, above the ground as opposed to archaeological resources that are generally below the ground.

This identification is a planning tool to help inform INDOT, the public and stakeholders of cultural resources along the US 31 South corridor. Specifically, any improvement projects that develop with federal involvement as a result of these PEL studies must comply with Section 106 of the National Historic Preservation Act (NHPA) and its implementing regulations under 36 CFR Part 800. Under Section 106, federal agencies must identify and assess their actions on those cultural resources that are listed in or eligible for listing on the NRHP and seek ways to avoid, minimize and/or mitigate adverse effects. The data collected for the ProPEL studies will help identify any properties currently listed in the NRHP and those that have the potential to be eligible for listing on the NRHP based on previous surveys. Formal determinations of NRHP eligibility will occur in the future in the Section 106 process for any federally funded or approved project programmed from the ProPEL studies.

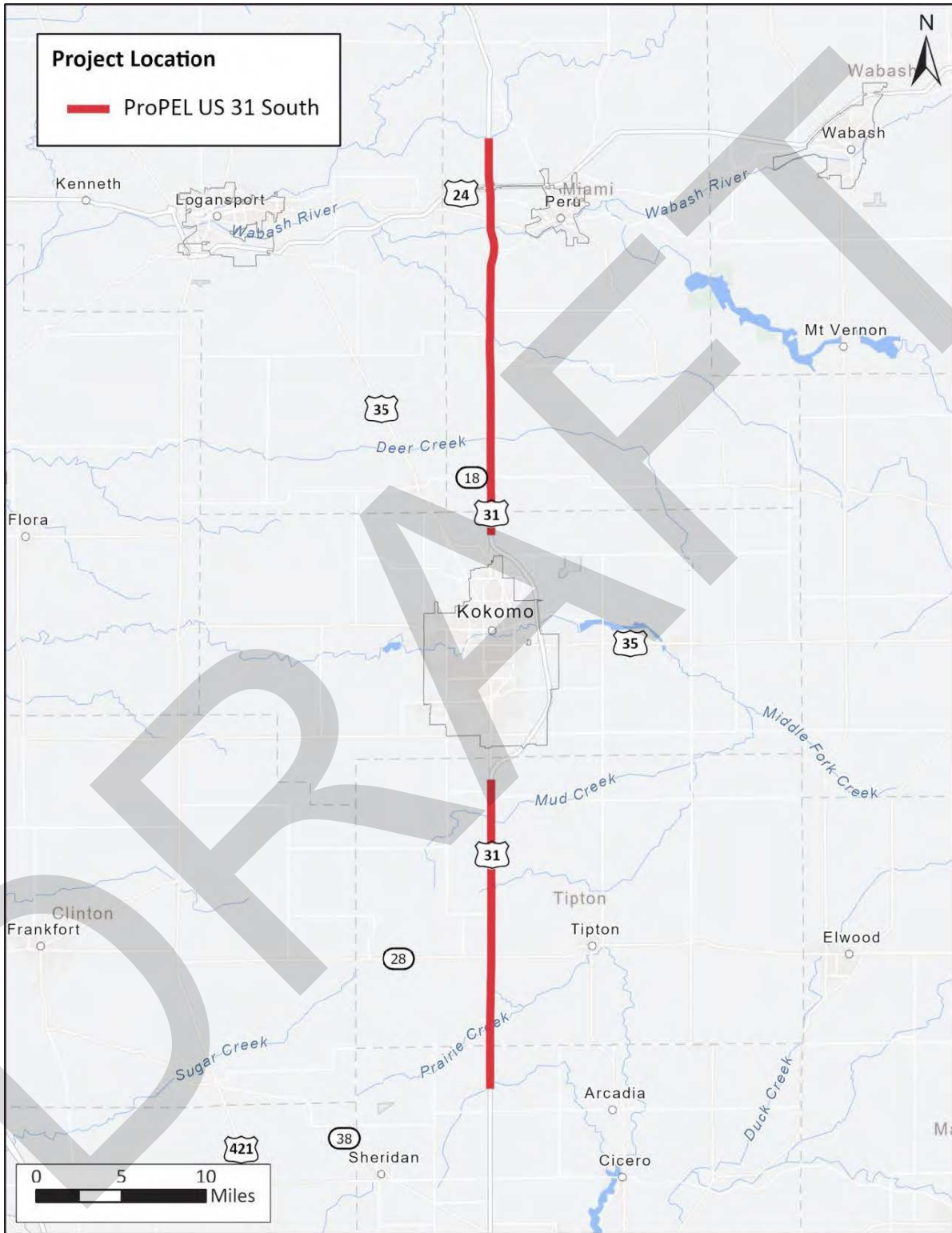
1.2. STUDY DESCRIPTION

ProPEL US 31 South includes US 31 from approximately 276th Street in Hamilton County north to the State Route (SR) 931 south junction in Tipton County, and from the SR 931 north junction in Howard County north to County Road (CR) West 300 North in Miami County. The US 31 Kokomo bypass is excluded from the ProPEL US 31 South study.

1.3. US 31 SOUTH STUDY CORRIDOR OVERVIEW

The US 31 South corridor is a four-lane Principal Arterial roadway, connecting the Indianapolis metropolitan area at the southern terminus in Hamilton County to more rural areas to the north as it extends through Tipton, Howard and Miami Counties. US 31 in the study area is primarily direct access with at-grade intersections. The primary exception is the portion of US 31 that bypasses Kokomo, which currently serves as a limited-access interstate-type highway. This section of US 31 has been excluded from the study. The built environment along the US 31 corridor is primarily agricultural and residential with commercial properties scattered throughout the corridor.

Figure 1: Study Location Map



City of Kokomo, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS

2. CULTURAL RESOURCES IDENTIFICATION

2.1. METHODOLOGY

For the purposes of this PEL study, a boundary of 0.50 mile from each side of the US 31 centerline was delineated. Within this boundary, a desktop survey and literature review of previously identified cultural resources were conducted.

The primary resource referenced for this study was the State Historic Architectural and Archaeological Research Database (SHAARD) and the associated Indiana Historic Buildings, Bridges and Cemeteries Map (IHBBM). SHAARD is a collection of surveyed resources in the state maintained by the Indiana Department of Natural Resources–Division of Historic Preservation and Archaeology (IDNR-DHPA).

For the purposes of the PEL study, the resources mapped and recorded via SHAARD include the following:

- Individual properties or districts listed in the NRHP.
Properties listed in the NRHP are presumed to maintain that designation unless there has been a known significant alteration of the property. Three listed properties in the study area have been demolished and noted as such.
- Properties assigned a rating of “Notable” or “Outstanding” in the Indiana Historic Sites and Structures Inventory (IHSSI).

Properties rated “Notable” or “Outstanding” are not automatically considered eligible for the NRHP. These properties were deemed to exhibit characteristics or have known historic associations that indicate they may have significance. They are usually considered to have greater potential to be eligible for listing in the NRHP. Properties rated “Contributing” were not included as they are generally not considered NRHP eligible, although exceptions do occur as explained below.

Other sources referenced for this study included:

- Indiana Historic Bridge Inventory
Although the IHSSI did survey bridges and assign ratings similar to other structures, the definitive source for bridge eligibility in Indiana is the Historic Bridge Inventory (HBI) maintained by INDOT.
- Previous Section 106 reports and documentation via the INDOT Cultural Resources Office Public Map and IN SCOPE, INDOT’s online portal for Section 106 documents.

Section 106 was completed for several projects along the US 31 study corridor. Not all of these projects have proceeded to construction, but the identification and evaluation of historic resources has occurred for much of the study corridor. Where projects made formal NRHP eligibility evaluations for surveyed properties in the study area, these were mapped and recorded. Some properties rated “Contributing” were determined to be eligible. In these cases, these properties were recorded for this study.

- INDOT, non-federal-aid, projects

INDOT has acquired properties along the US 31 corridor, with state-funds, as a safety project to remove direct access points to the roadway. These acquisitions have resulted in some property demolitions

along the corridor. For properties potentially NRHP eligible, INDOT consulted with IDNR-DHPA and followed Indiana state laws and procedures as appropriate. For some of these acquisitions, INDOT consulted with the IDNR-DHPA and completed NRHP evaluations. Where a formal eligibility determination was made, those results were included in the study. In addition, any updates to properties, resulting from these acquisitions were noted.

- Street-level imagery and aerial photography

A desktop survey of the identified resources was undertaken to verify whether the NRHP-listed properties or those rated “Notable” or “Outstanding” were extant or had undergone major alterations-if visible. Updates were noted as appropriate.

- Property Parcel Records

The 2021 GIS Data Harvest Program was accessed to include parcel information and approximate property ages in part to help aid in the identification of post-World War II properties and subdivisions that may not have been previously surveyed.

2.2. CAVEATS

Several factors should be considered in interpreting the data presented as part of the ProPEL US 31 South study:

- No fieldwork or windshield reconnaissance was conducted. The resources identified were done through a desktop survey and data obtained from the sources cited above.
- The IHSSI ratings are indicators of *potential* NRHP eligibility. However, formal NRHP evaluations that would occur with Section 106 projects include research, analysis, and contextual comparison not provided in this study. Properties rated “Contributing” or not previously surveyed could later be found to be NRHP eligible and conversely those rated “Notable” or “Outstanding” may be determined not eligible.
- Properties built after World War II were likely not identified in IHSSI surveys. Therefore, there are likely post-WWII resources that have not been surveyed in a meaningful way along the corridor.

3. CONCLUSION

For the ProPEL US 31 South study, INDOT identified above-ground resources that are currently listed in the NRHP and those that have potential to be eligible for listing based on previous surveys. This identification is intended as a planning tool and is not a final determination of NRHP eligibility. Any project federally funded or approved, that is programmed as a result of the PEL study will follow the Section 106 process where cultural resources will be formally evaluated for NRHP eligibility.

In summary, two (2) NRHP listed properties were identified, both in Miami County. One of these, the Terrell Jacobs Circus Winter Quarters has been demolished. Two (2) NRHP-listed bridges were also identified but have been demolished. A total of fifteen (15) above-ground properties were identified as either “Outstanding” or “Notable”. Of these, one (1) “Notable” property is located in Howard County. A total of seven (7) properties; two (2) “Outstanding” and five (5) “Notable” are located in Tipton County. A total of seven (7) properties; three (3) “Outstanding” and four (4) “Notable” are located in Miami County. One of the “Outstanding” rated properties in Miami County is also NRHP-listed (B-17G Flying Fortress-NR-1111). Two (2) additional properties rated “Contributing” were included in this study memo, one in Miami County and the other in Tipton County, because as described in the Methodology, these properties were recently determined NRHP eligible in previous projects. Additionally, eight (8) cemeteries were identified, one (1) in Hamilton County, three (3) in Tipton County, and four (4) in Miami County.

The results of the ProPEL US 31 South study above-ground resources identification are shown in the included maps (Appendix A) and property tables (Appendix B).

4. REFERENCES

Biggio, Elizabet. "Historic Property Report: US 31 Limited Access Study State Road 38, Hamilton Co. to State Road 913, Tipton Co., IN Des. Nos. 1900096 and 1900097." June 2020. Available online: <https://erms.indot.in.gov/Section106Documents/>, accessed October 11, 2022.

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Indiana Department of Transportation-Cultural Resources Office. CRO-Public Web Map App, [CRO-Public Web Map App \(arcgis.com\)](https://arcgis.com), accessed November 28, 2022.

Indiana Geographic Information Office. GIS Data Harvest Program, [Indiana Data Harvest \(2021\) \(arcgis.com\)](https://arcgis.com), accessed October 14, 2022

Kumar, Anuradha. "Historic Property Report: Des. No. 1382317 New US 31 Interchange at SR 28, Jefferson and Cicero Townships, Tipton County, Indiana". 2014. Available online: <https://erms.indot.in.gov/Section106Documents/>, accessed October 10, 2022.

Natali, Bethany and Kelly Lally Malloy. "History Property Report: US 31 New Interchange Project, Adams & Jackson Townships, Hamilton County, Indiana, Des. No. 1702149." April 2019. Available online: <https://erms.indot.in.gov/Section106Documents/>, accessed October 10, 2022.

APPENDIX A: CULTURAL RESOURCES-MAPS

DRAFT



US 31 South

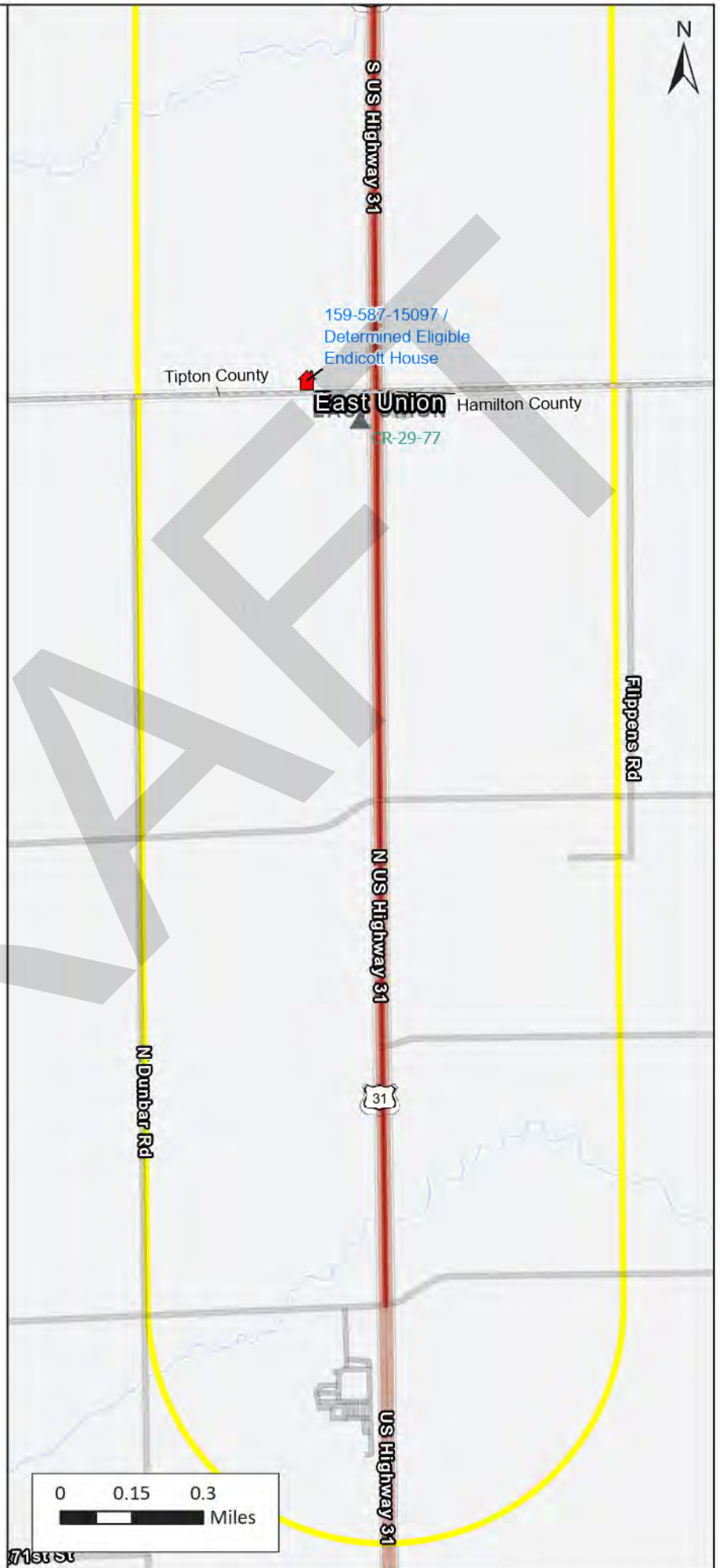
Aboveground Potentially Eligible, Eligible, and NRHP-listed Resources, Hamilton & Tipton Counties

Legend

- ProPEL US 31 South
- 0.5 Mile Study Buffer
- ▲ Cemeteries
- Bridges
- 🏠 National Register Listed Properties
- 🏠 Notable
- 🏠 Outstanding
- National Register Listed Properties
- County Line

Note: IHSSI 159-587-15097 (Endicott House) was Previously Determined Eligible-Per US 31 Limited Access Study Project-Des.No 1900096

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US 31 South

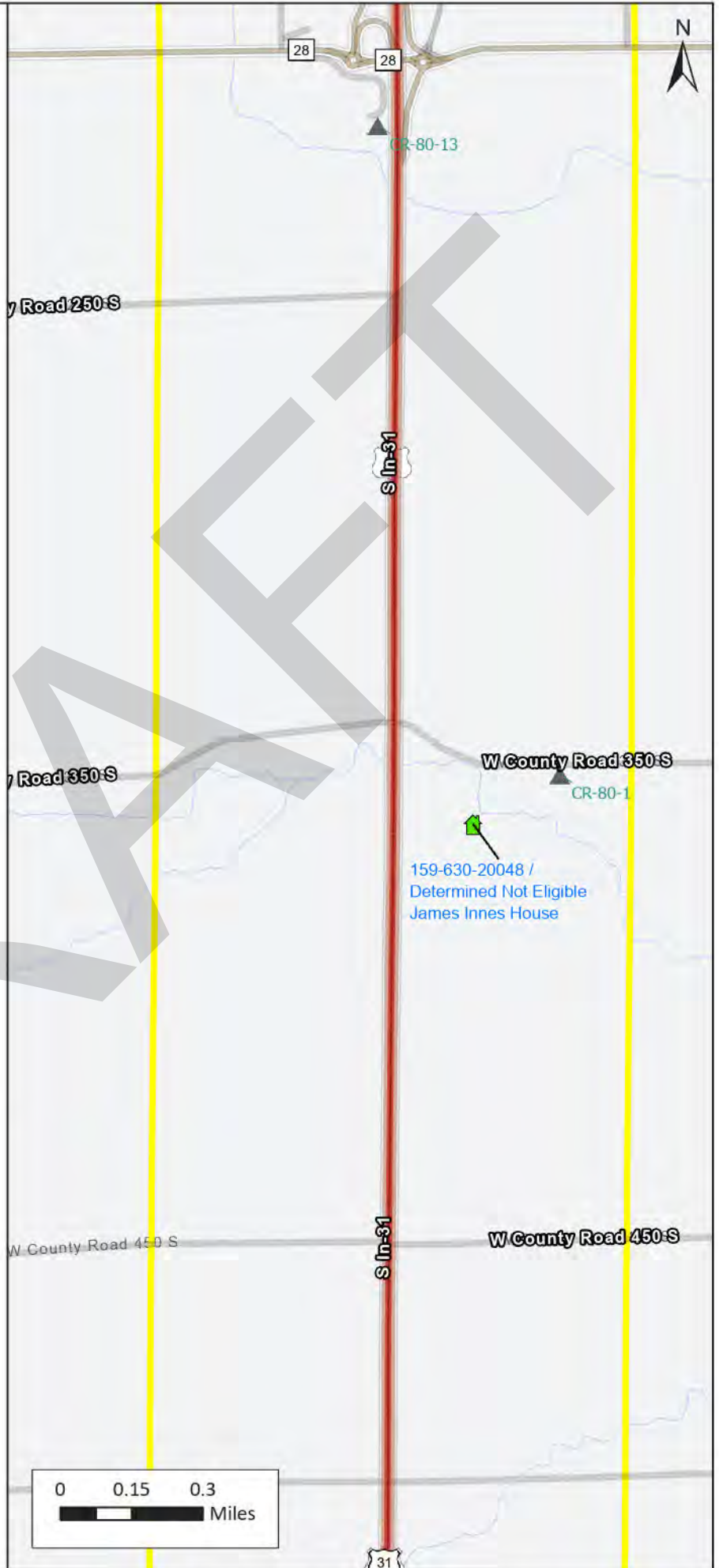
Aboveground Potentially Eligible, Eligible, and NRHP-listed Resources, Tipton County

Legend

- ProPEL US 31 South
- 0.5 Mile Study Buffer
- ▲ Cemeteries
- Bridges
- 🏠 National Register Listed Properties
- 🏠 Notable
- 🏠 Outstanding
- National Register Listed Properties
- County Line

Note: IHSSI 159-630-20048 (James Innes house) was Previously Determined Not Eligible-Per US 31 Limited Access Study Project-Des.No.1900096

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US 31 South

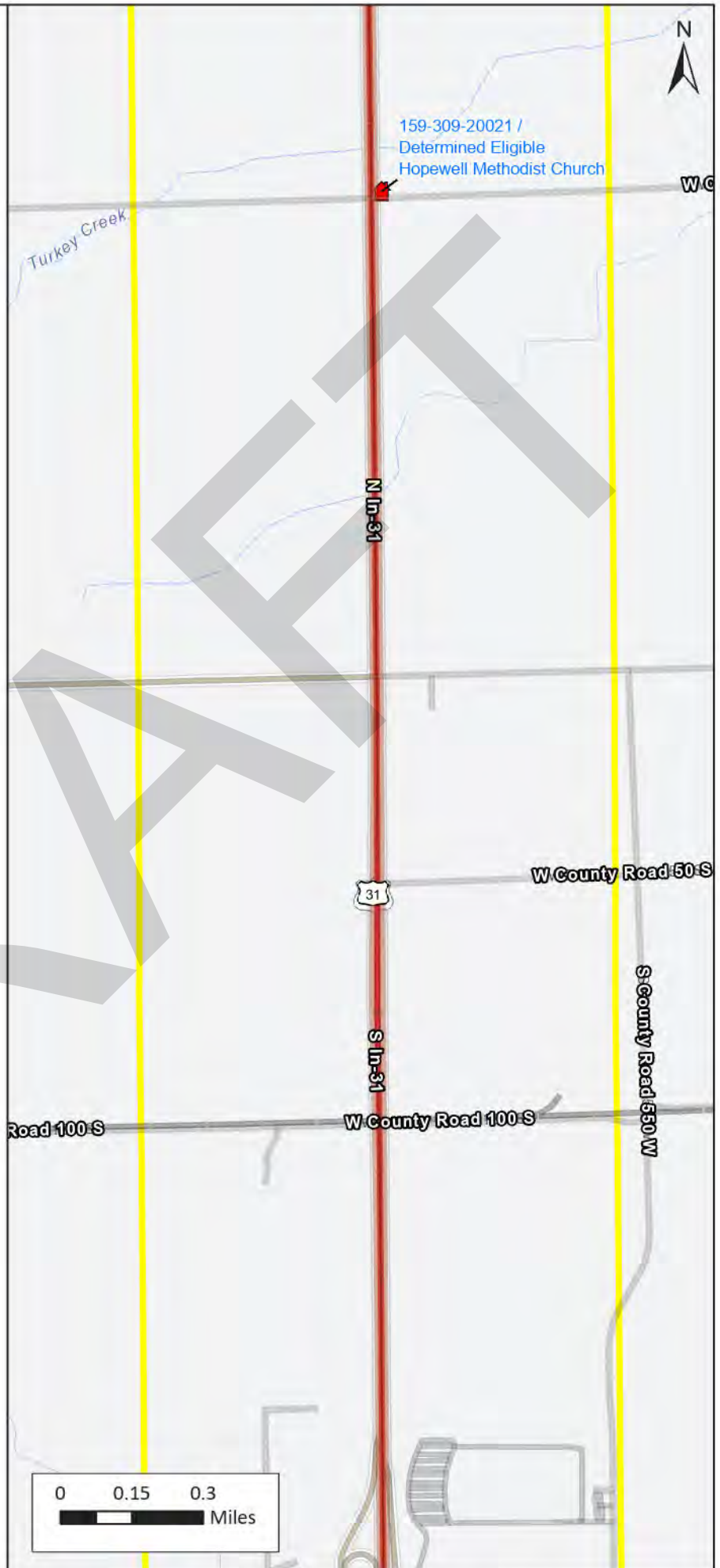
Aboveground Potentially Eligible, Eligible, and NRHP-listed Resources, Tipton County

Legend

- ProPEL US 31 South
- 0.5 Mile Study Buffer
- ▲ Cemeteries
- Bridges
- 🏠 National Register Listed Properties
- 🏠 Notable
- 🏠 Outstanding
- National Register Listed Properties
- County Line

Note: IHSSI 159-309-20021 (Hopewell Methodist Church) was Previously Determined Eligible-Per US 31 Limited Access Study Project-Des.No.1900096

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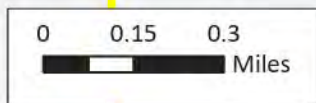
US 31 South

Aboveground Potentially Eligible, Eligible, and NRHP-listed Resources, Tipton County

Legend

- ProPEL US 31 South
- 0.5 Mile Study Buffer
- ▲ Cemeteries
- Bridges
- 🏠 National Register Listed Properties
- 🏠 Notable
- 🏠 Outstanding
- National Register Listed Properties
- County Line

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US 31 South
Aboveground Potentially
Eligible, Eligible, and NRHP-
listed Resources, Tipton County

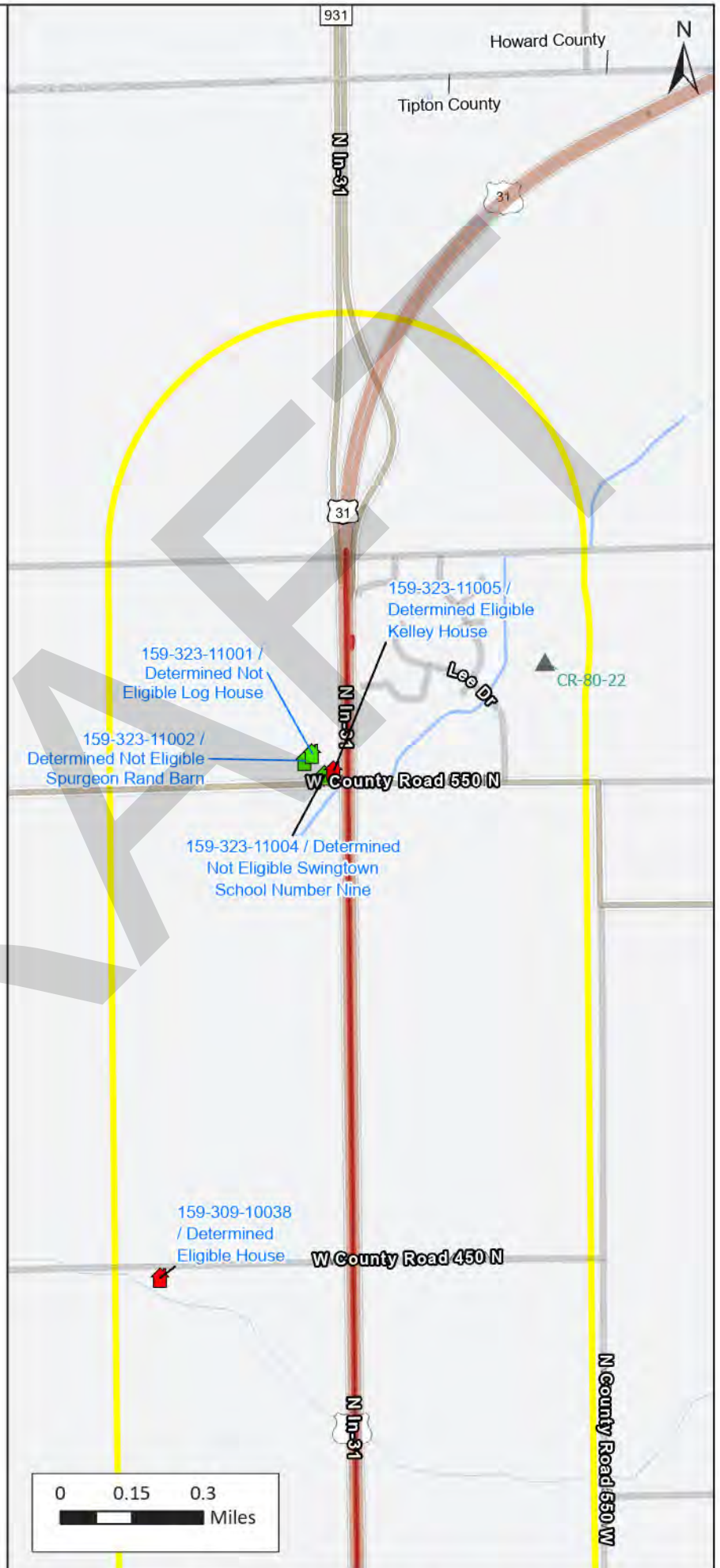
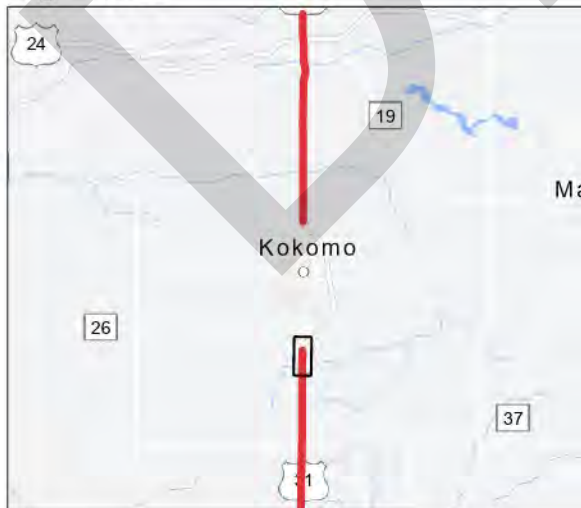
Legend

- ProPEL US 31 South
- 0.5 Mile Study Buffer
- ▲ Cemeteries
- Bridges
- National Register Listed Properties
- Notable
- Outstanding
- National Register Listed Properties
- County Line

Note: IHSSI 159-323-11001 (Log House), 150-323-11002 (Spurgeon Rand Barn), and 159-323-11004 (Springtown School Number Nine) were Previously Determined Not Eligible-Per US 31 Limited Access Study Project-Des.No. 1900096

Note: IHSSI 159-323-11005 (Kelly House) Previously Determined Eligible-Per US 31 Limited Access Study Project-Des.No. 1900096

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US 31 South

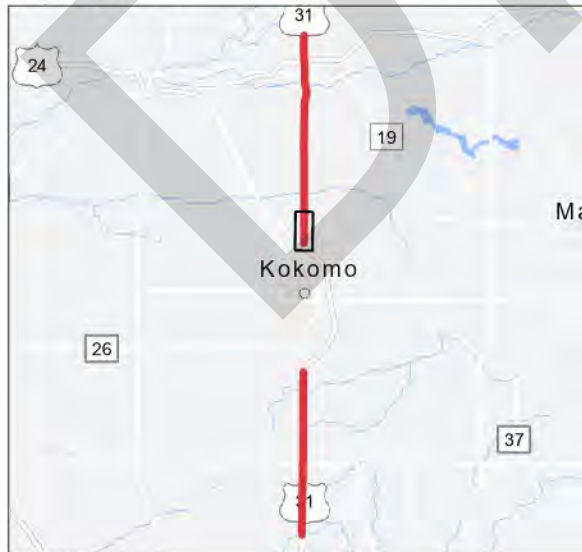
Aboveground Potentially Eligible, Eligible, and NRHP-listed Resources, Howard & Miami Counties

Legend

- ProPEL US 31 South
- 0.5 Mile Study Buffer
- ▲ Cemeteries
- Bridges
- National Register Listed Properties
- Notable
- Outstanding
- National Register Listed Properties
- County Line

Note: IHSSI 103-230-65030 (Cotterman House and Farmstead) was Previously Determined Eligible-Per US 31 and SR 18 Project-Des.No 1383239

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US 31 South

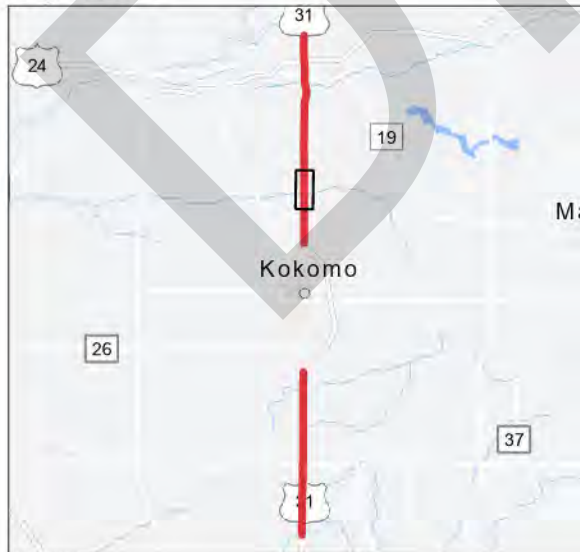
Aboveground Potentially Eligible, Eligible, and NRHP-listed Resources, Miami County

Legend

- ProPEL US 31 South
- 0.5 Mile Study Buffer
- ▲ Cemeteries
- Bridges
- National Register Listed Properties
- Notable
- Outstanding
- National Register Listed Properties
- County Line

Note: IHSSI 103-230-65024 was Previously Determined Eligible-Per INDOT inquiry for potential acquisition

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US 31 South

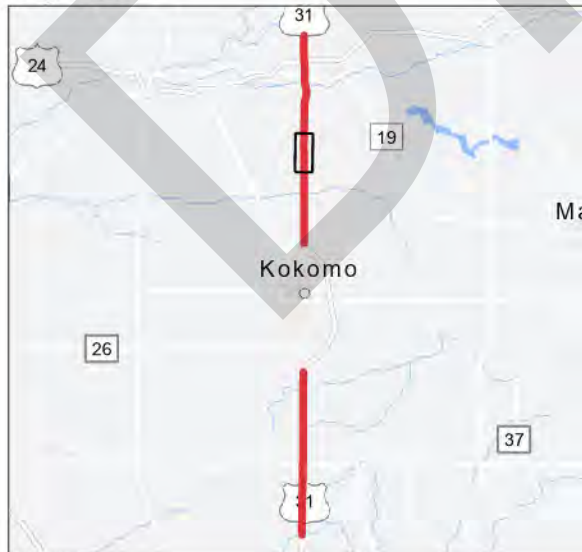
Aboveground Potentially Eligible, Eligible, and NRHP-listed Resources, Miami County

Legend

- ProPEL US 31 South
- 0.5 Mile Study Buffer
- ▲ Cemeteries
- Bridges
- National Register Listed Properties
- Notable
- Outstanding
- National Register Listed Properties
- County Line

Note: IHSSI NR-2811 (Terrell Jacobs Circus Winter Quarters) was demolished by INDOT as part of a state funded project

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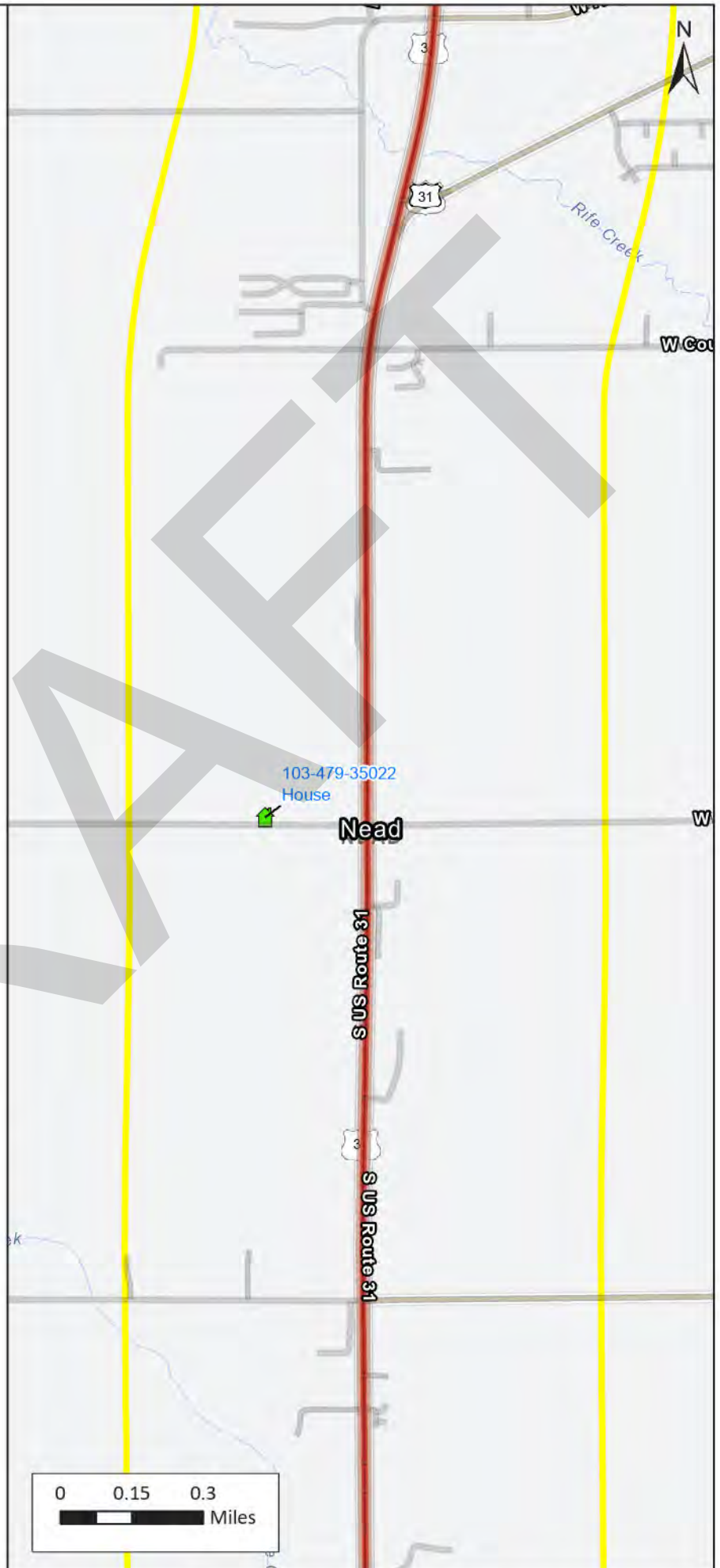
US 31 South

Aboveground Potentially Eligible, Eligible, and NRHP-listed Resources, Miami County

Legend

- ProPEL US 31 South
- 0.5 Mile Study Buffer
- ▲ Cemeteries
- Bridges
- National Register Listed Properties
- Notable
- Outstanding
- National Register Listed Properties
- County Line

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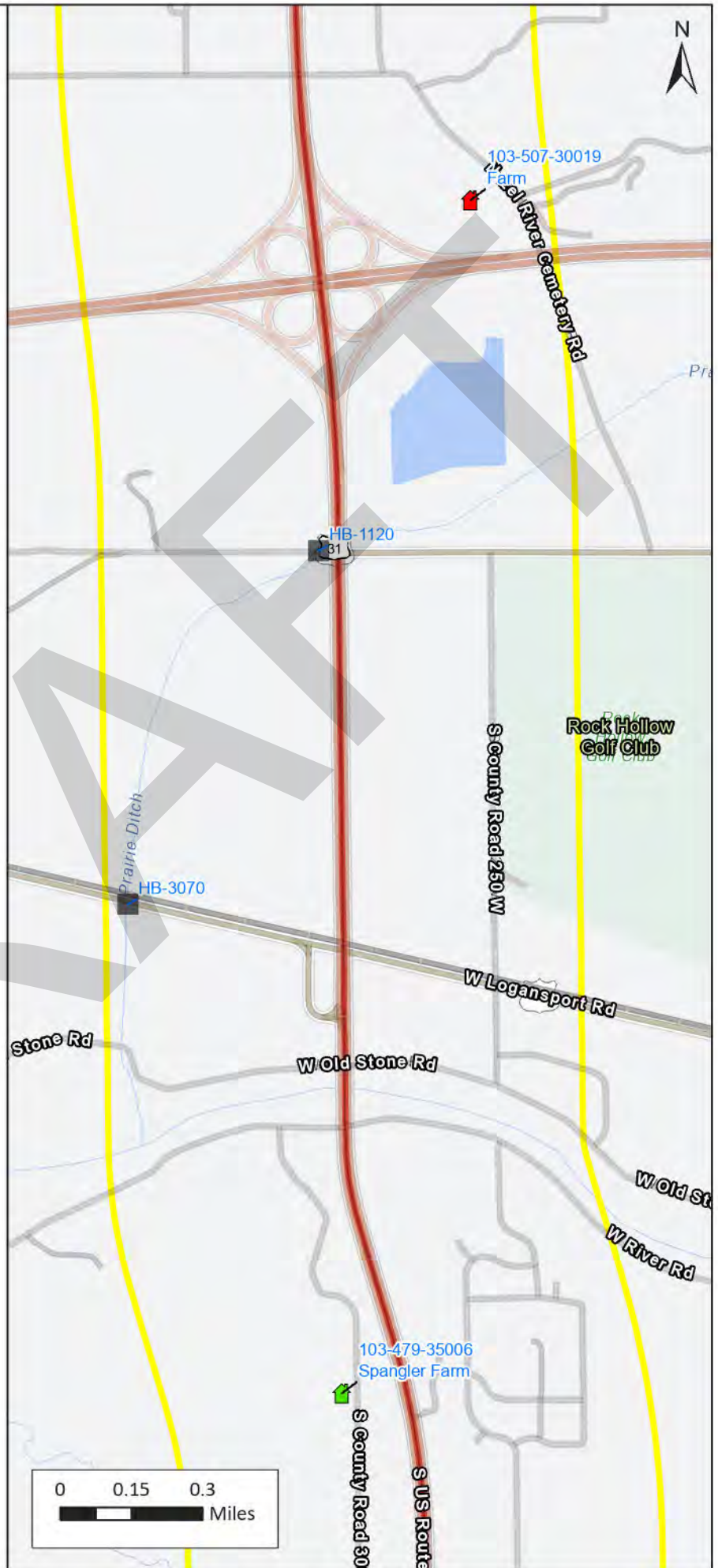
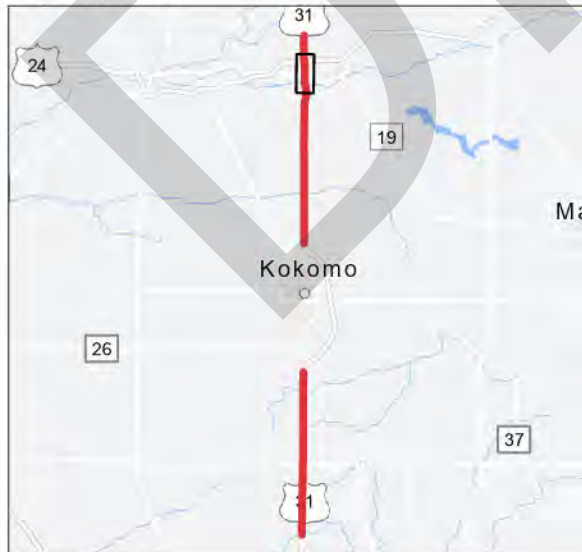
US 31 South

Aboveground Potentially Eligible, Eligible, and NRHP-listed Resources, Miami County

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- County Line

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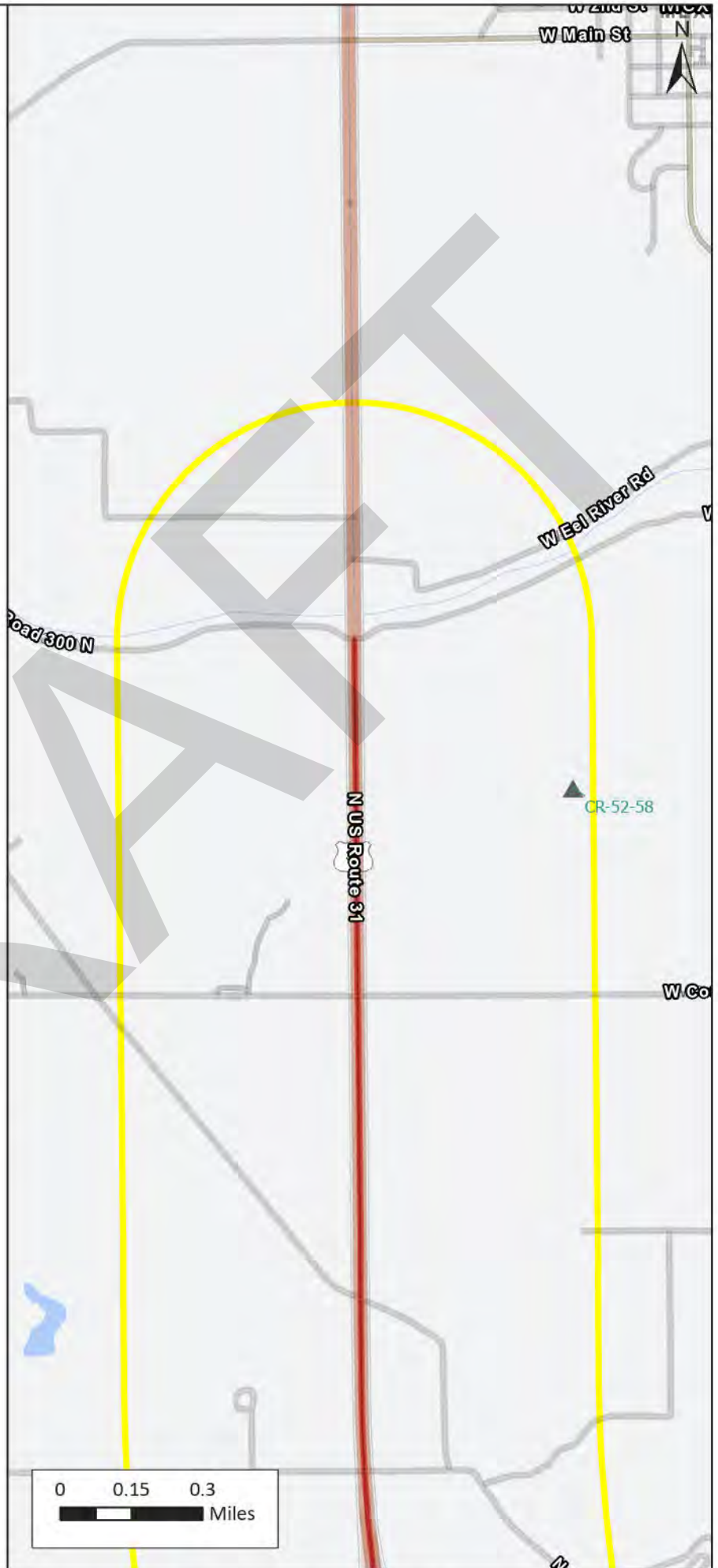


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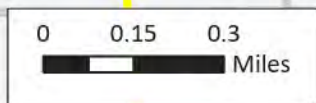
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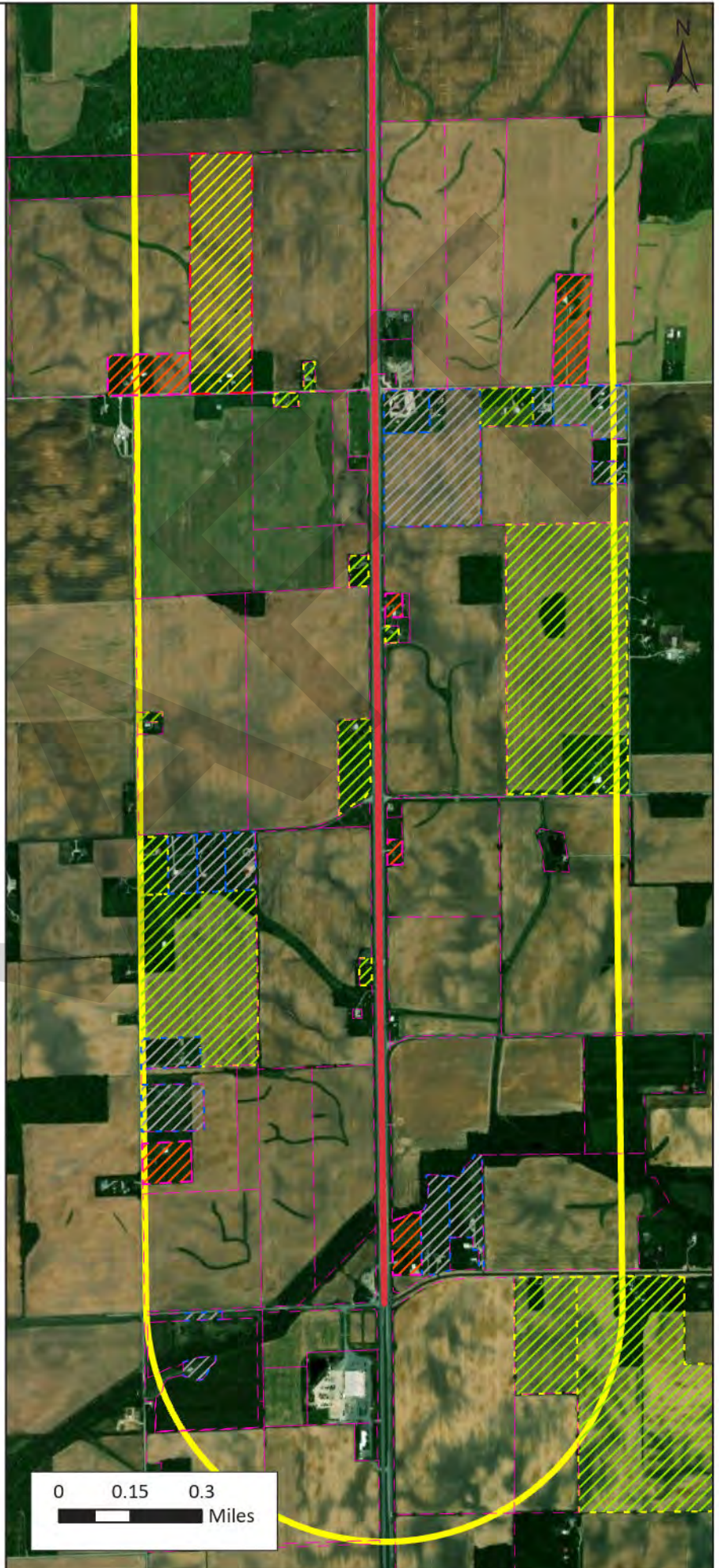


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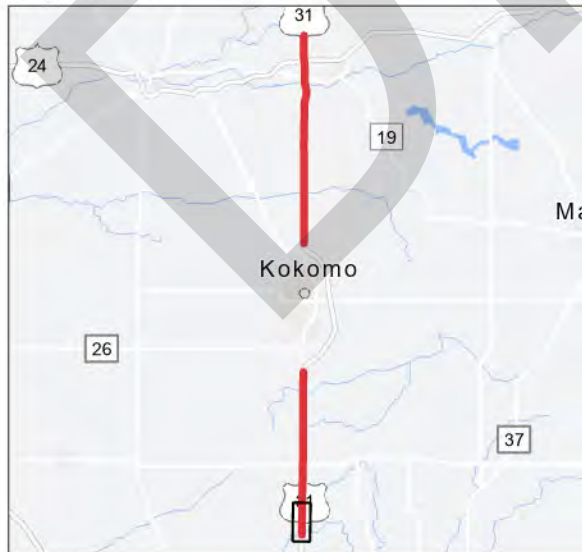
Structure Construction Date Ranges by Tax Parcel

Legend

- 01 - Pre-1880
- 02 - 1880-1939
- 03 - 1940-1976
- 04 - Post-1976
- No Structures on Parcel
- ProPEL US 31 South
- 0.5 Mile Study Buffer



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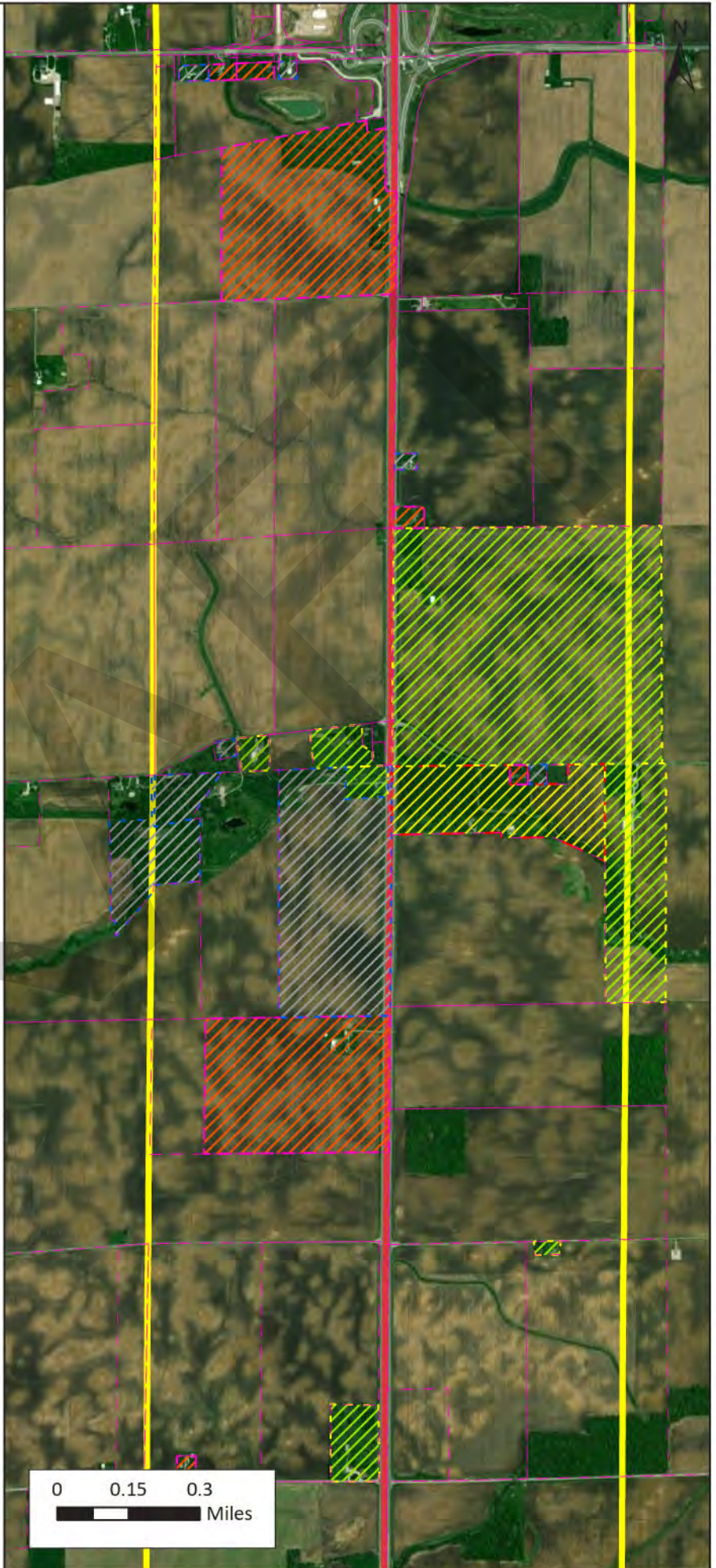


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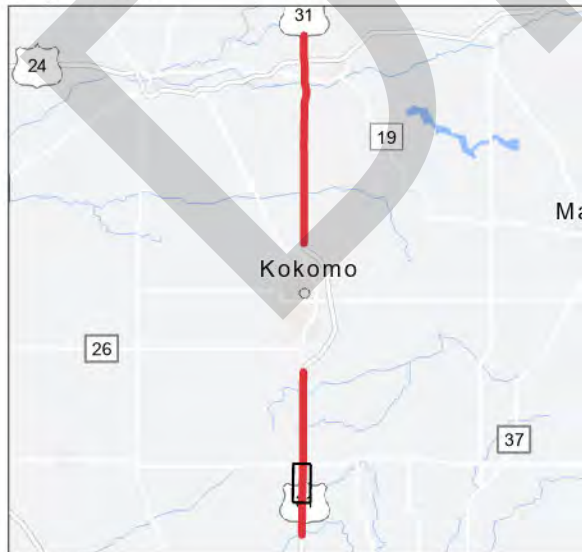
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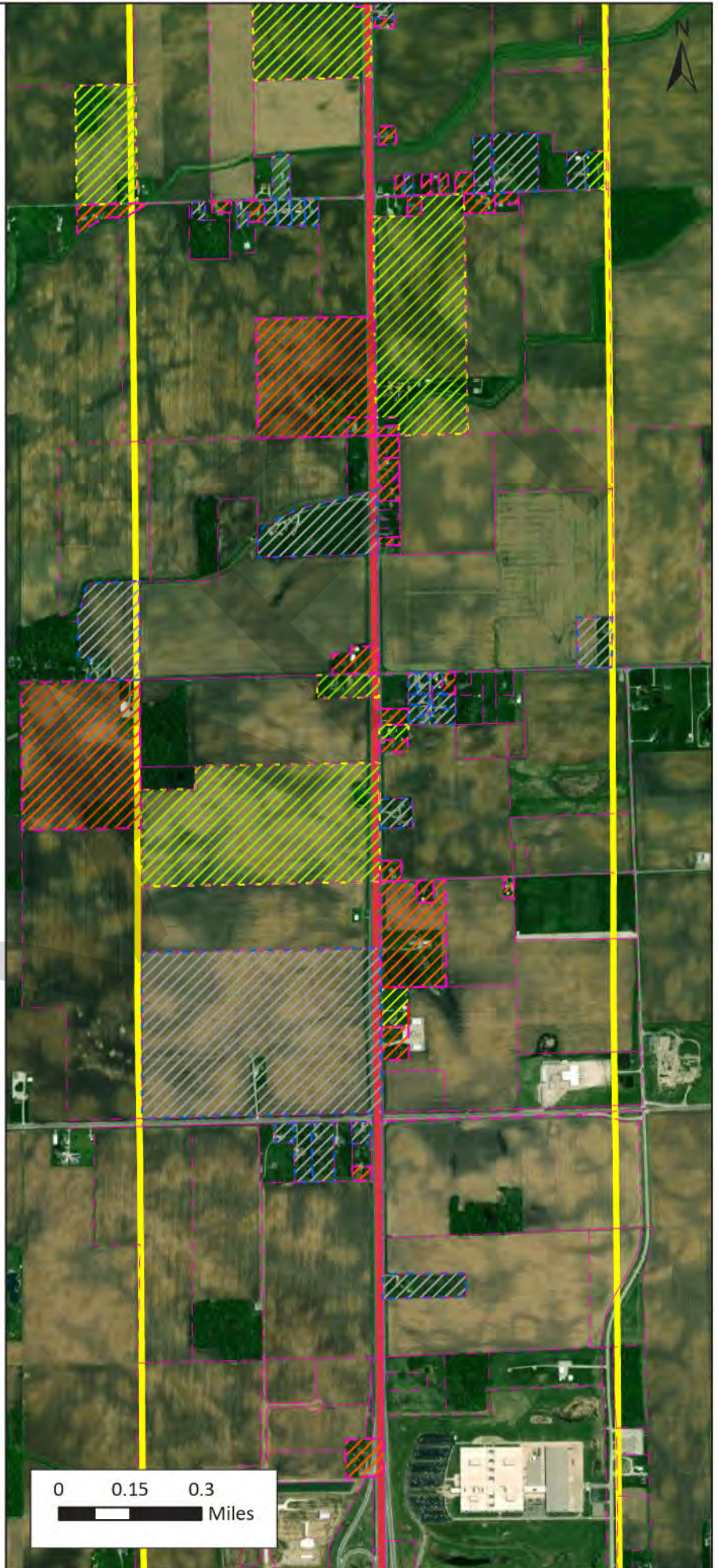


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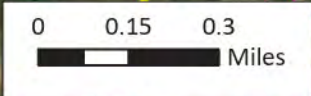
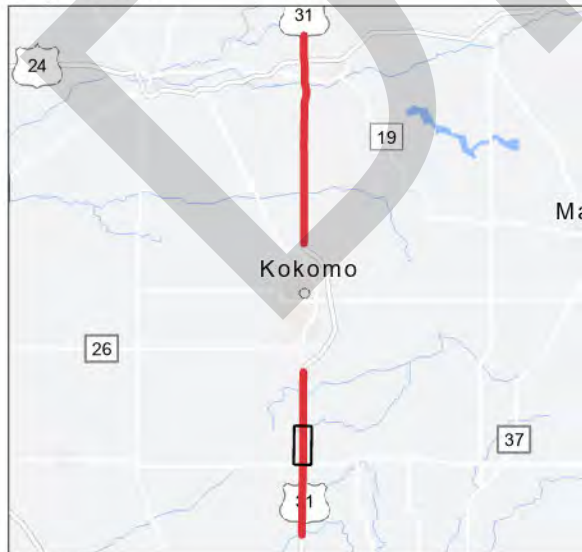
Structure Construction Date Ranges by Tax Parcel

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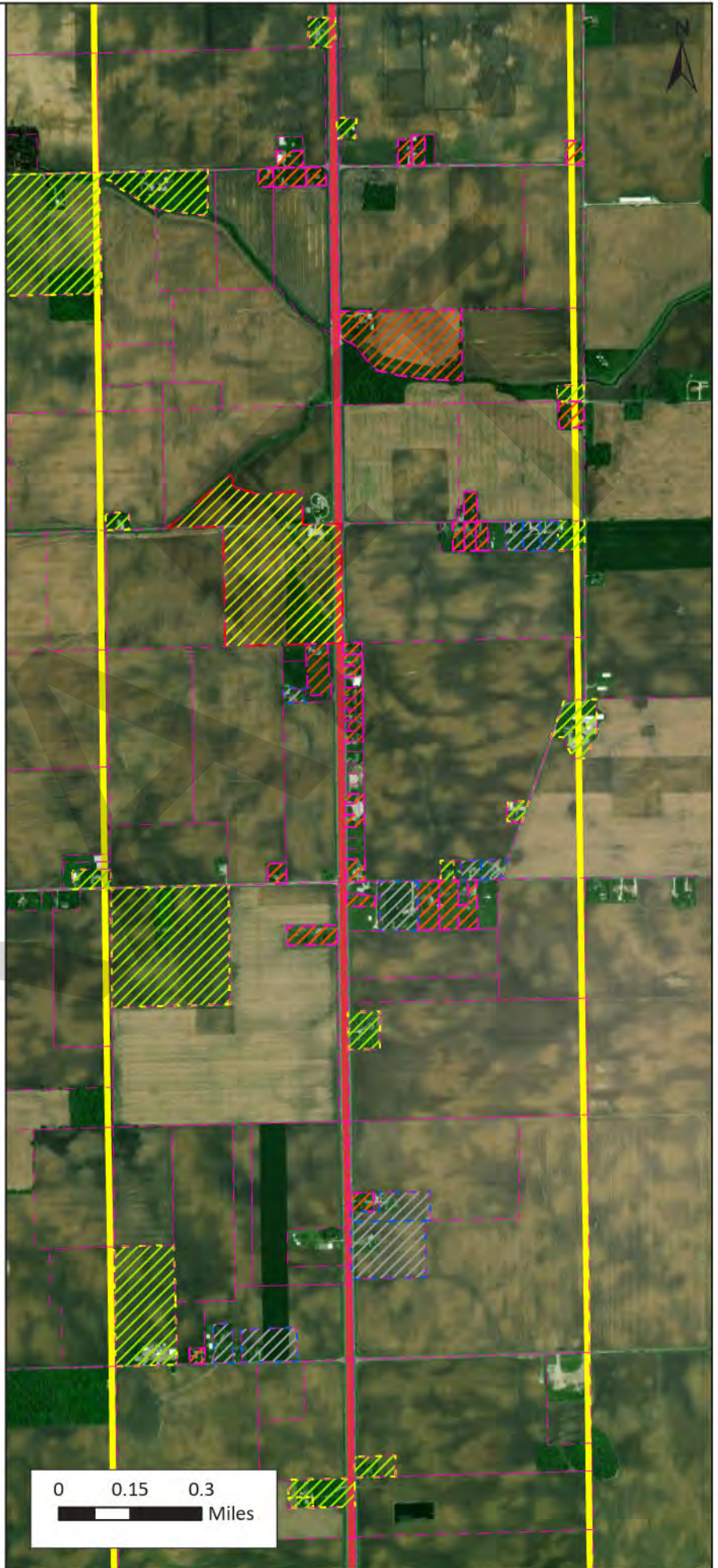


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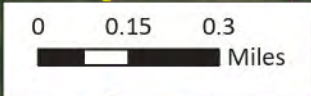
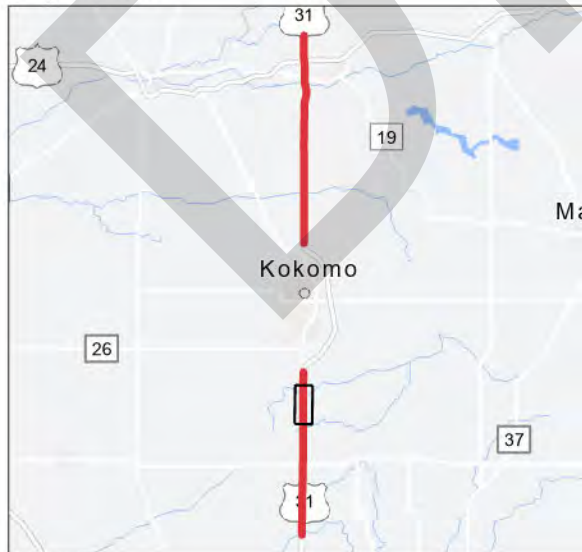
Structure Construction Date Ranges by Tax Parcel

Legend

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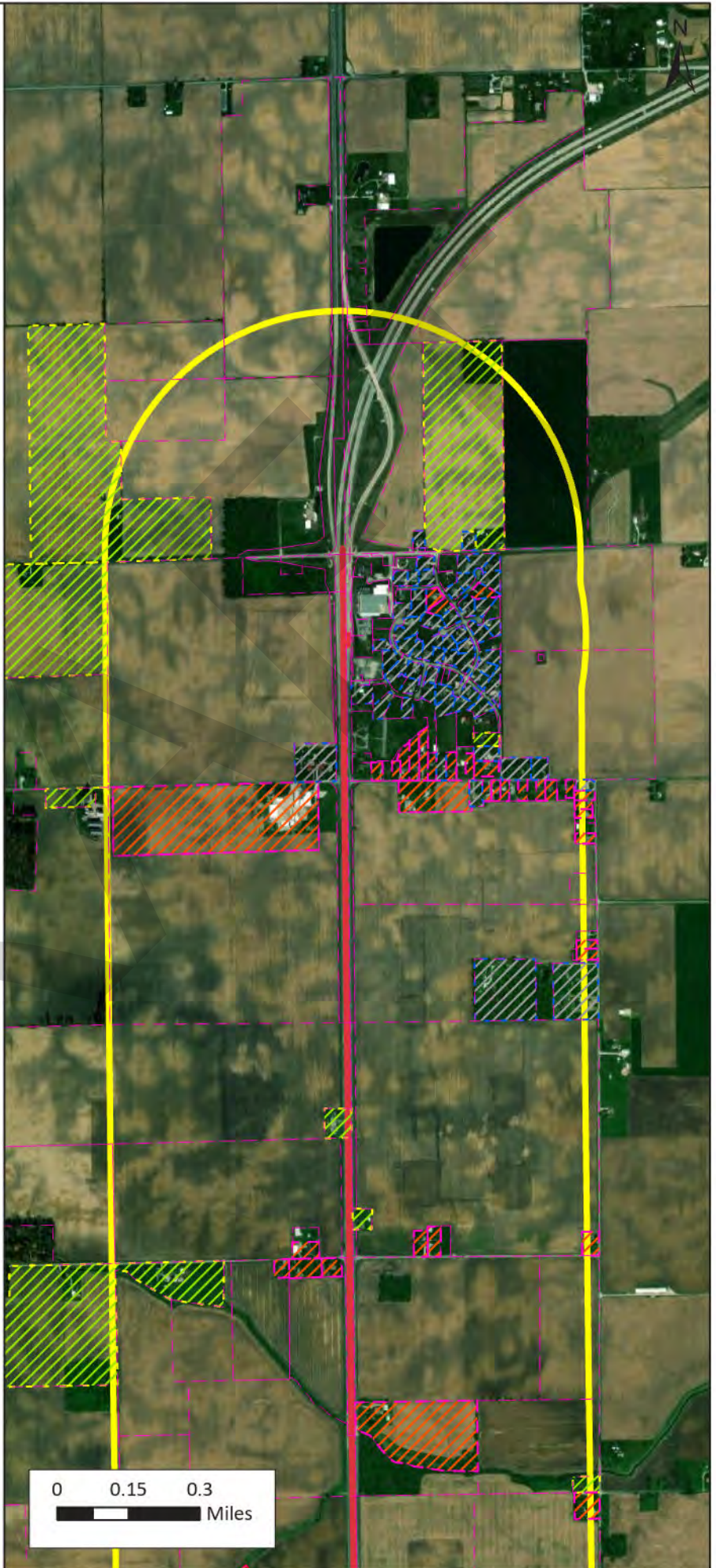


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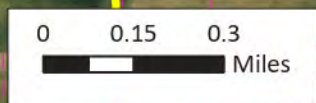
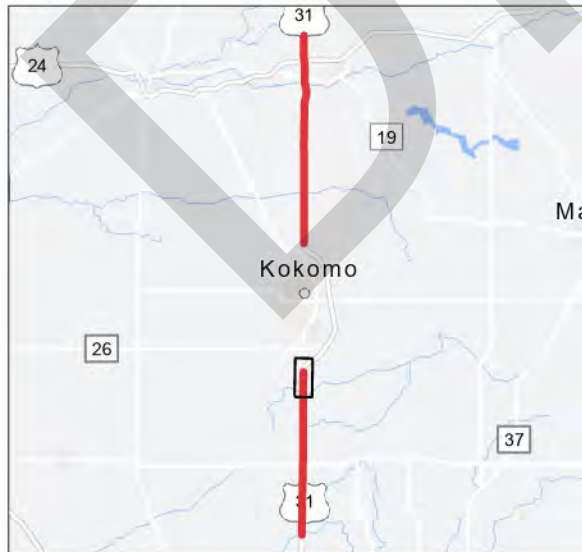
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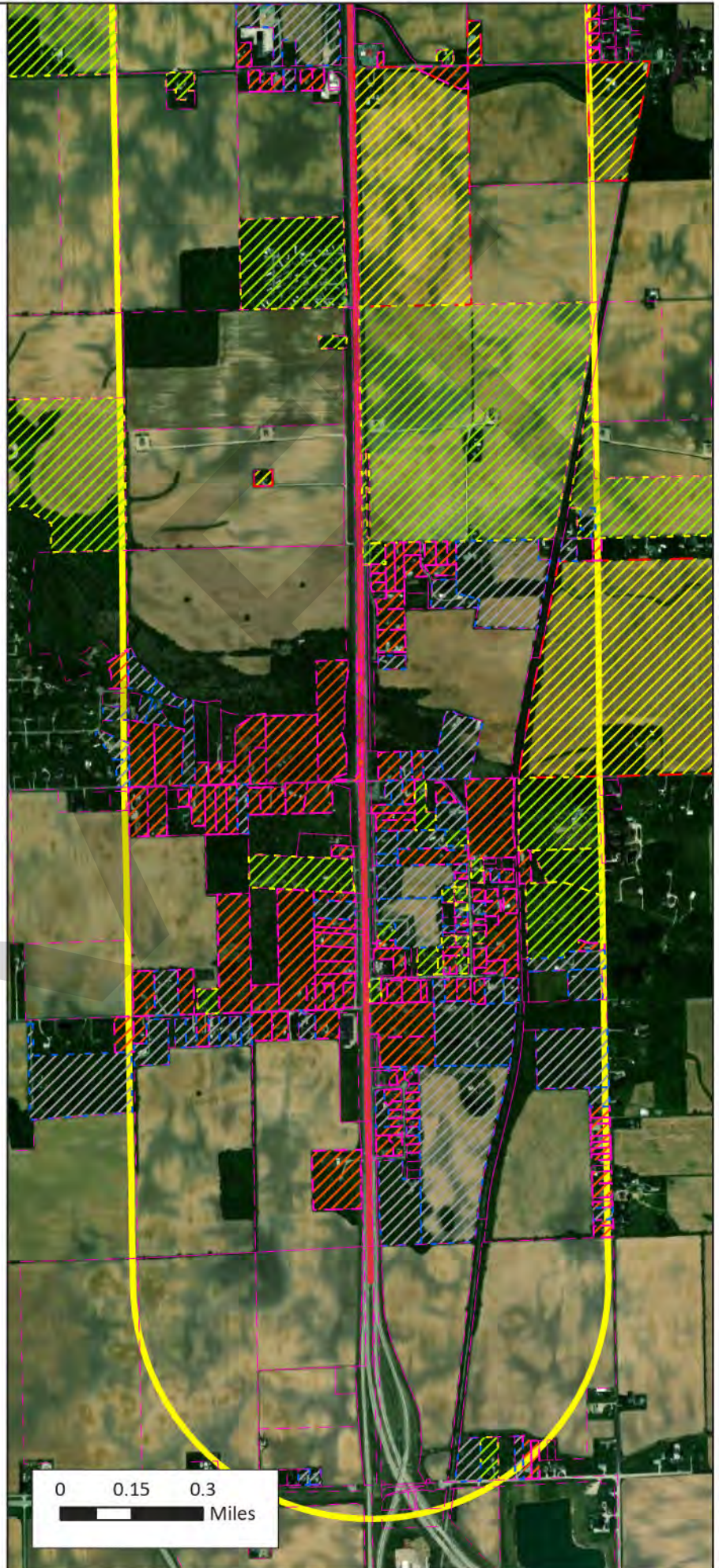


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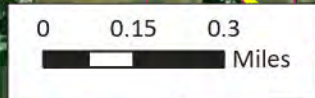
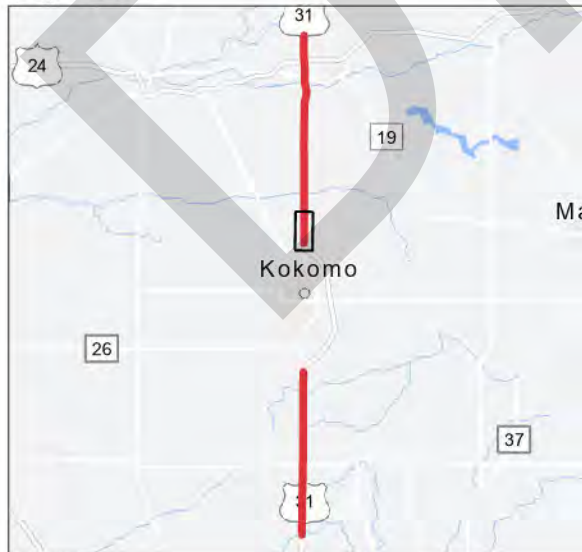
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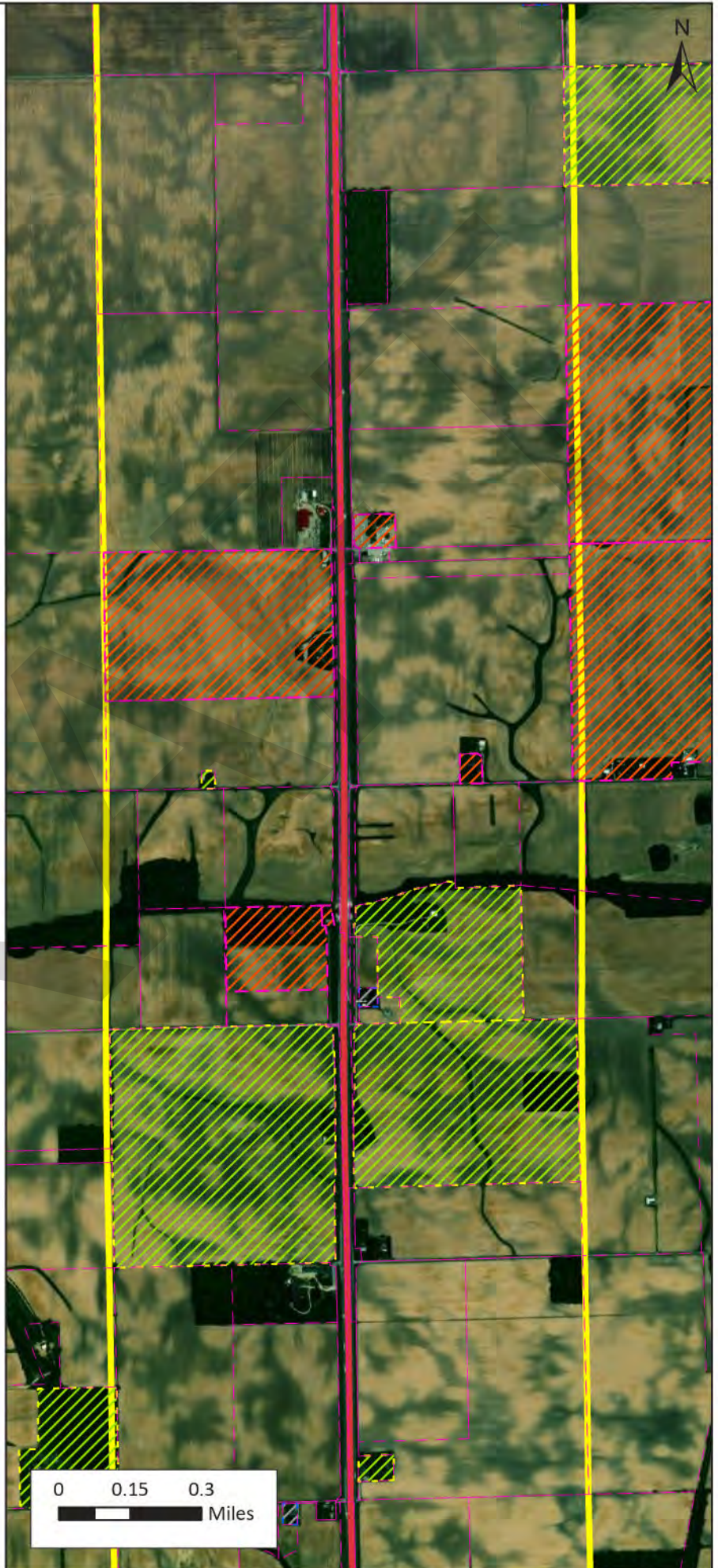


US 31 South

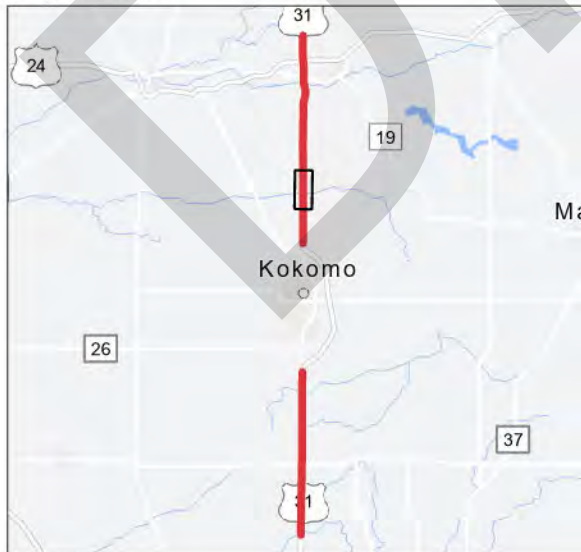
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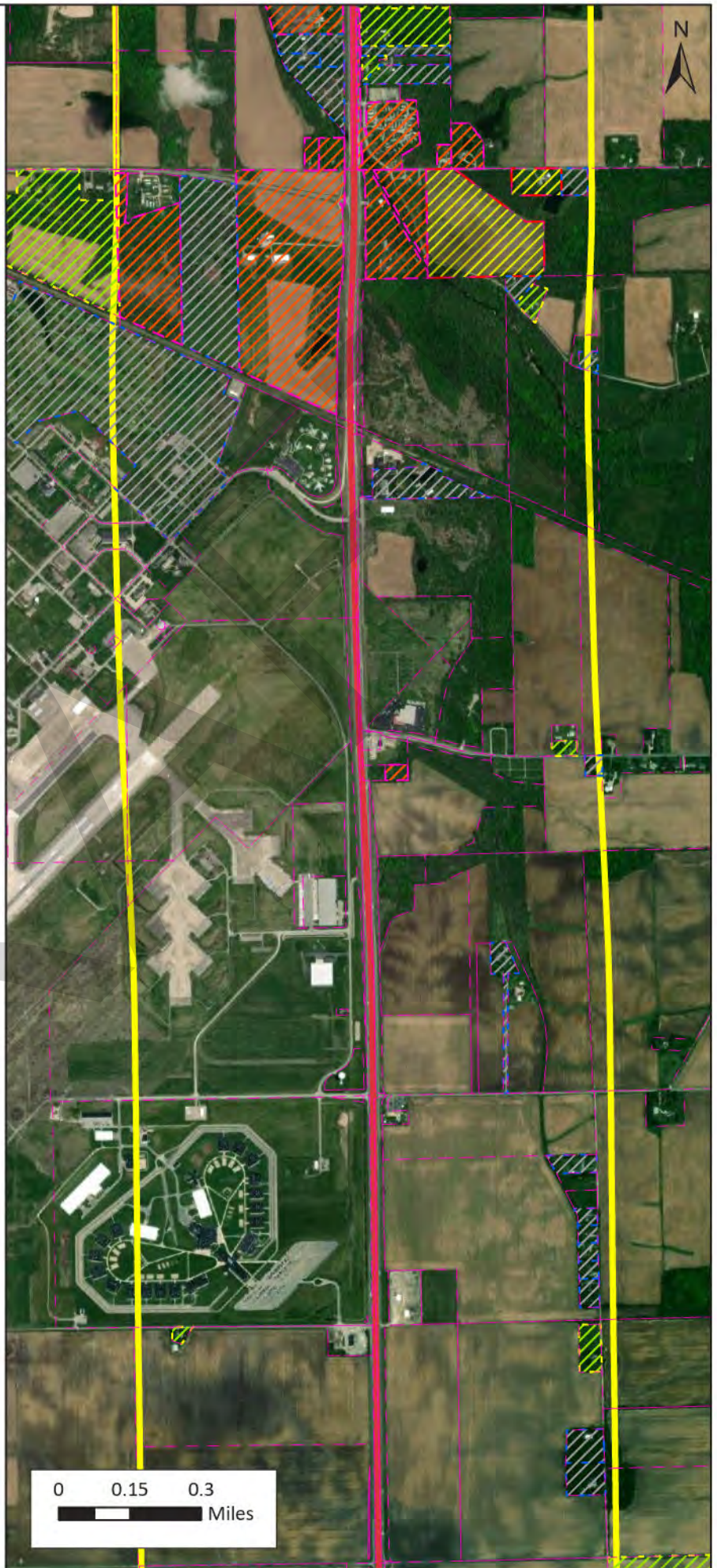


US 31 South

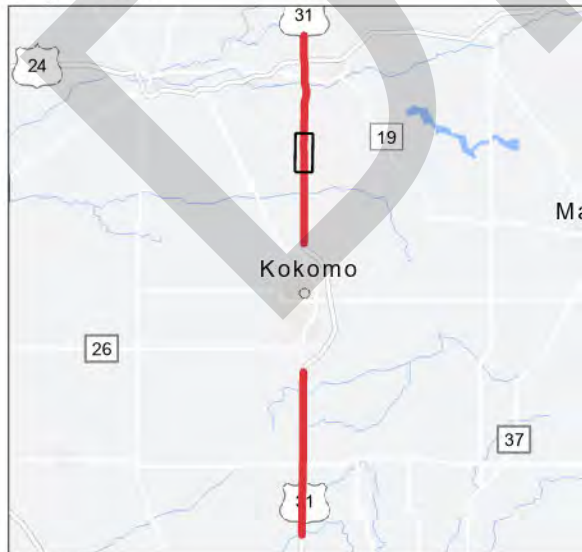
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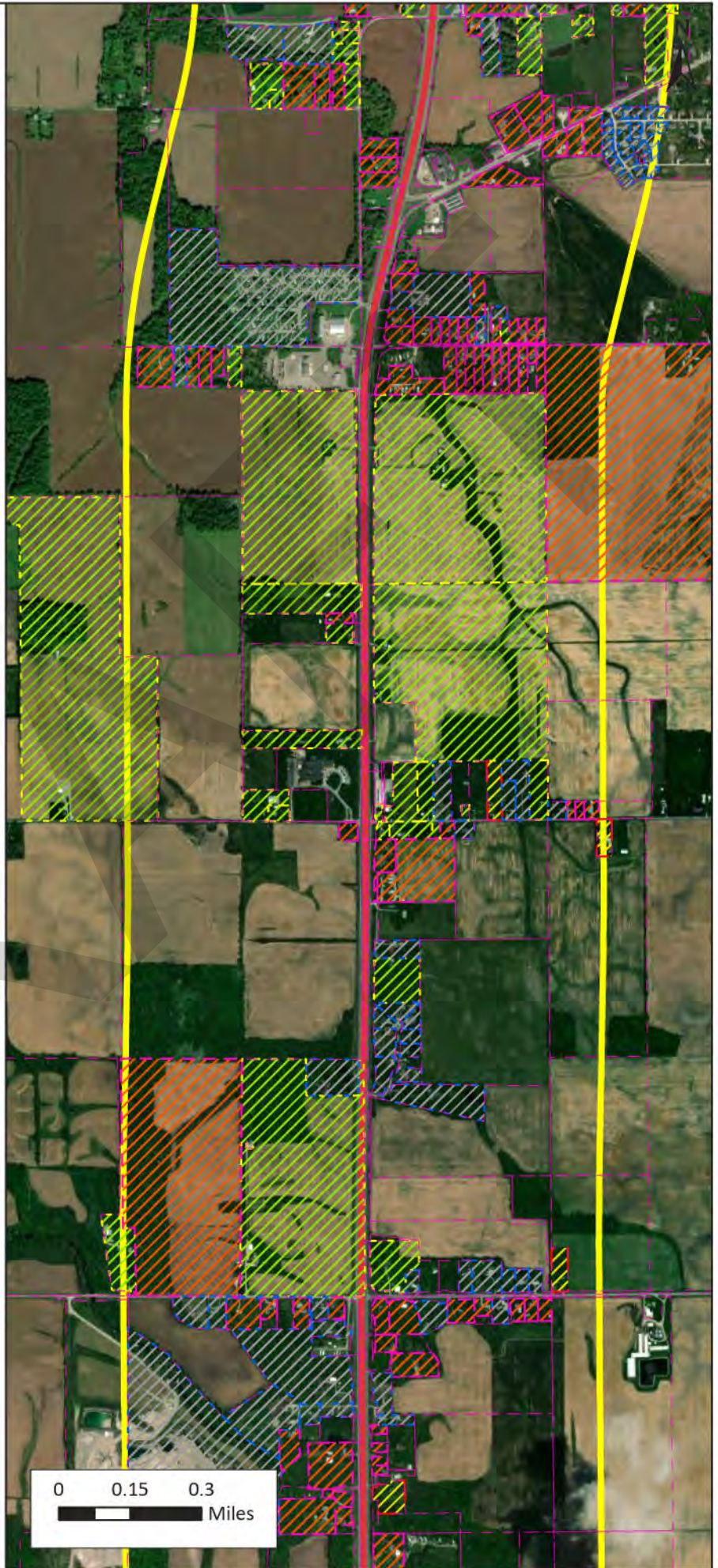


US 31 South

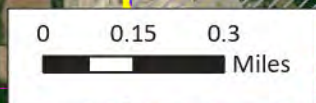
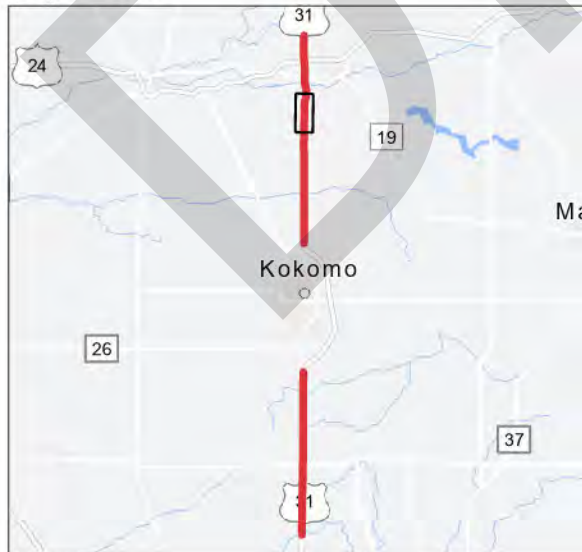
Structure Construction Date Ranges by Tax Parcel

Legend

-  01 - Pre-1880
-  02 - 1880-1939
-  03 - 1940-1976
-  04 - Post-1976
-  No Structures on Parcel
-  ProPEL US 31 South
-  0.5 Mile Study Buffer



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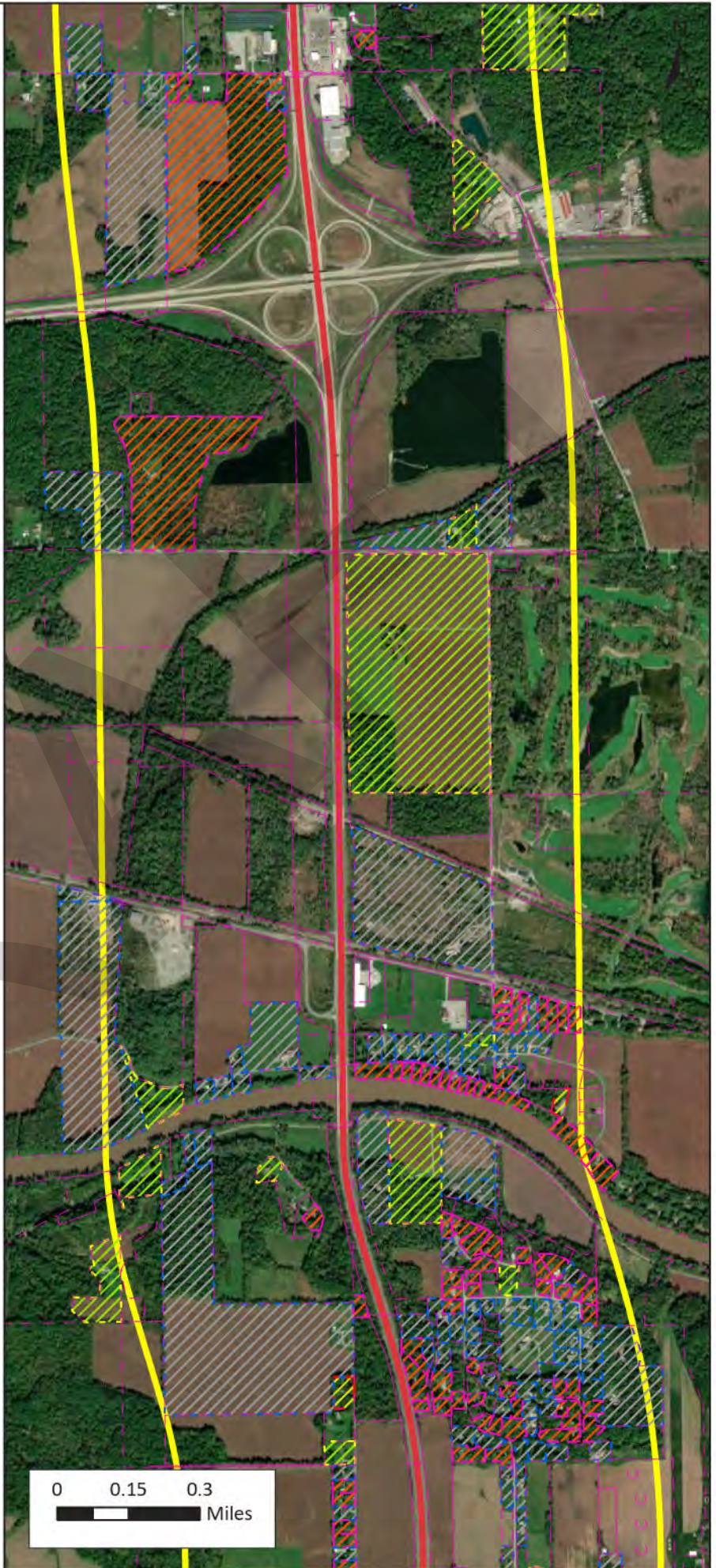


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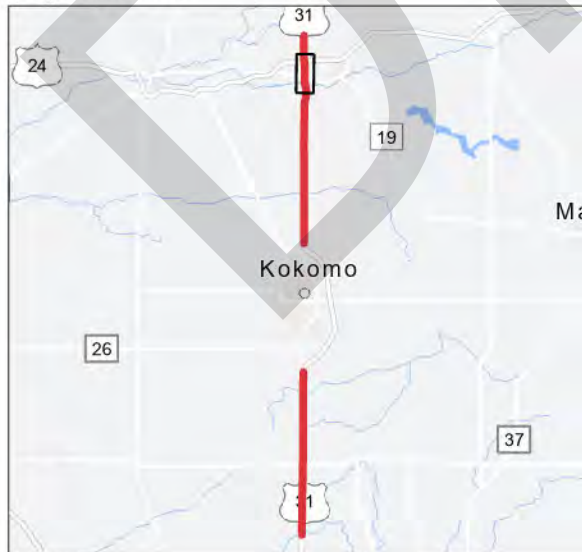
Structure Construction Date Ranges by Tax Parcel

Legend

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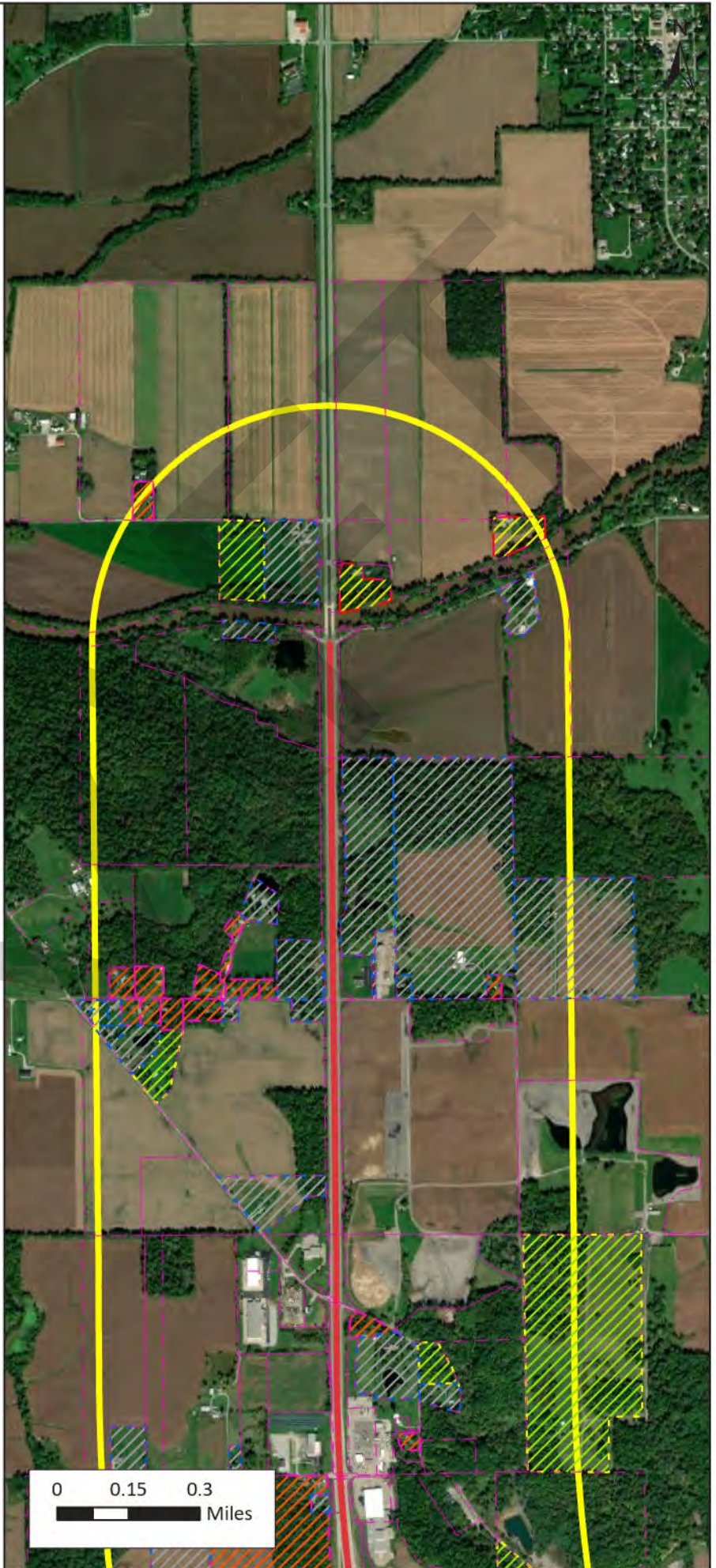


US 31 South

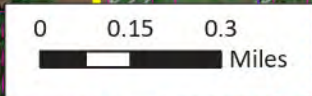
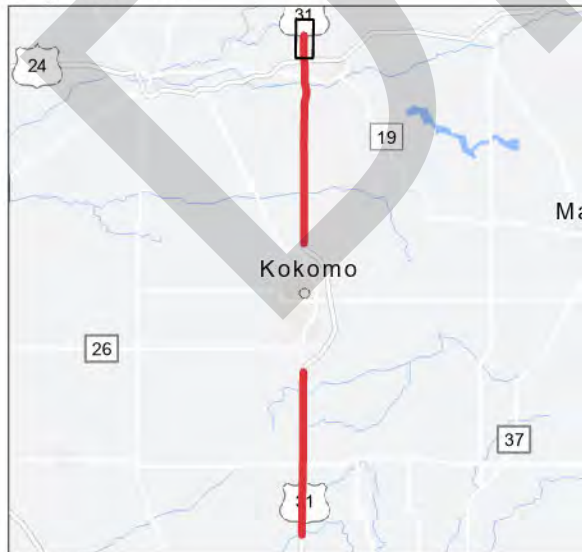
Structure Construction Date Ranges by Tax Parcel

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APPENDIX B: CULTURAL RESOURCES-TABLES

DRAFT

Notable and Outstanding Above-Ground Resource Descriptions

County	IHSSI Number	Name	Rating	Notes
Howard	067-230-15001	McCauley House	Notable	
Miami	103-479-35022	House	Notable	
Miami	103-479-37001	B-17G "Flying Fortress"	Outstanding	Listed, B-17G "Flying Fortress" No. 44-83690
Miami	103-230-65030	Cotterman House and Farmstead	Outstanding	Previously Determined Eligible-Per US 31 and SR 18 Project-Des.No. 1383239
Miami	103-230-65011	Wayne Ladd House	Notable	
Miami	103-479-37002	B-25 J Bomber	Notable	
Miami	103-230-65024	House	Contributing	Previously Determined Eligible-Per INDOT inquiry for potential acquisition.
Tipton	159-309-10038	House (Western Bungalow)	Contributing	Previously Determined Eligible-Western Bungalow-Per US 31 Limited Access Study Project-Des.No.1900096
Tipton	159-323-11004	Swingtown School Number Nine	Notable	Previously Determined Not Eligible-Per US 31 Limited Access Study Project-Des.No.1900096
Tipton	159-323-11005	Kelley House	Outstanding	Previously Determined Eligible-Per US 31 Limited Access Study Project-Des.No.1900096
Tipton	159-309-20021	Hopewell Methodist Church	Outstanding	Previously Determined Eligible-Per US 31 Limited Access Study Project-Des.No.1900096
Tipton	159-323-11002	Spurgeon Rand Barn	Notable	Previously Determined Not Eligible-Per US 31 Limited Access Study Project-Des.No.1900096
Tipton	159-630-20048	James Innes House	Notable	Previously Determined Not Eligible-Per US 31 Limited Access Study Project-Des.No.1900096
Miami	103-507-30019	Farm	Outstanding	
Miami	103-479-35006	Spangler Farm	Notable	
Tipton	159-323-11001	Log House	Notable	Previously Determined Not Eligible-Per US 31 Limited Access Study Project-Des.No.1900096
Tipton	159-587-15097	Endicott House	Notable	Previously Determined Eligible-Per US US 31 Limited Access Study Project-Des.No.1900096

Listed National Register of Historic Places Properties

County	SHAARD Number	Name	Status	Notes
Miami	NR-1111	B-17G "Flying Fortress" No. 44-83690	Listed	
Miami	NR-2281	Terrell Jacobs Circus Winter Quarters	Listed	Demolished

Listed National Register of Historic Places Bridges

County	SHAARD Number	Name	Status	Notes
Miami	HB-1120	Miami County Bridge Number 76	Demolished	
Miami	HB-3070	Indiana State Highway Bridge Number 18-52-1434A	Demolished	

Identified Cemeteries

County	SHAARD Number	Name	Notes
Hamilton	CR-29-77	East Union	
Miami	CR-52-24	Cassville	
Miami	CR-52-29	Reed	
Miami	CR-52-58	Moss	
Miami	CR-52-90	Springdale	
Tipton	CR-80-1	Bethsaida	
Tipton	CR-80-13	Center Grove	
Tipton	CR-80-22	Richardson	