



Northeastern Indiana Regional Coordinating Council

200 East Berry Street
Suite 230
Fort Wayne, Indiana 46802
(260) 449-7309 / FAX: (260) 449-8652

Daniel S. Avery,
Executive Director

Date: 8-4-2021*

To: Town of Huntertown
Beth Shellman
Town Manager
PO Box 95
15617 Lima Road
Huntertown, IN 46748

From: Stacey Gorsuch
Northeastern Indiana Regional Coordinating Council
200 East Berry Street, Suite 230
Fort Wayne, IN 46802
Stacey.gorsuch@co.allen.in.us

Re: RED FLAG INVESTIGATION
DES #1801748 (west section) & #1801749 (east section), Local Project
Road Reconstruction
Carroll Road: east of Bethel Rd to Millstone Dr (#1801748) and Lima Rd/SR 3 to Coral Springs Dr/Shearwater Run (#1801749)
Huntertown, Allen County, Indiana

PROJECT DESCRIPTION

Brief Description of Project:

This project is on Carroll Road beginning at approximately 250' east of Bethel Road to Millstone Drive (west section #1801748) and Lima Road/SR 3 to Coral Springs Drive/Shearwater Run (east section #1801749). The section of roadway in between (Millstone Drive to Lima Road/SR 3) is in Allen County's jurisdiction, thus not part of this road reconstruction project.

The western section (#1801748) is a roadway reconstruction that includes curb and gutter on both sides with underground storm sewer system to address drainage on the roadway. An 8' trail on both sides of the roadway is proposed which will connect with the existing Bethel Rd Trail along the Carroll High School property going south and the existing sidewalks that continue west along Carroll Road. Within this section of the project additional storm sewer work may be needed to connect to the subdivision (Troutwood Drive in Carroll Creek) north of the roadway.

The eastern section of this project (#1801749) is a roadway reconstruction that includes curb and gutter on both sides with underground storm sewer system to address drainage on the roadway. This section will have a 10' trail on the north side of the roadway which will connect to the existing trail that continues east along Carroll Road. The south side of the east section will have a sidewalk to connect to existing sidewalks in Brooks Crossing subdivision (at Coral Springs Drive). In addition to the trails and sidewalks, curb ramps will be installed at all intersections.

Bridge and/or Culvert Project: Yes No Structure # _____

If this is a bridge project, is the bridge Historical? Yes No , Select Non-Select

(Note: If the project involves a historical bridge, please include the bridge information in the Recommendations Section of the report).

Proposed right of way: #1801748-west: Temporary # Acres 1.0 Permanent # Acres 1.6
 #1801749-east: Temporary # Acres 1.5 Permanent # Acres 1.9

Type of excavation: #1801748-west: Side ditch excavation and storm sewer installation. Maximum depth of excavation for the storm sewer is estimated to 10-15 feet. #1801749-east: Pavement removal for reconstruction and storm sewer installation. Maximum depth of excavation for the storm sewer is estimated to be 10-15 feet.

Maintenance of traffic: #1801748-west: To be constructed under traffic. #1801749-east: If a detour is needed, which is likely, there are two possible routes: Lima Rd/Hathaway Rd/Corbin Rd; or Lima Rd/Dupont Rd/Coldwater Rd/Union Chapel Rd/Corbin Rd.

Work in waterway: Yes No Above ordinary high water mark: Yes No

State Project: LPA:

Any other factors influencing recommendations:

1) The section of Carroll Road west of Bethel Road (to Preserve Blvd) was reconstructed in 2017. That reconstruction added storm sewer and sidewalk infrastructure. The west section of this project #1801748 will be a continuation of the 2017 project, connecting to sidewalks on both the north and south side of roadway (the south side will construct a trail). These sidewalk and trail connections are very important as they will allow subdivisions on both sides of Carroll Road pedestrian access to Carroll High School (located just west of Bethel Road) and the Allen County Fair Grounds.

2) Construction schedule and maintenance of traffic should work closely and coordinate with Northwest Allen School Corporation (NACS) due to Carroll High School's location in relation to this project. In addition, Hickory Center Elementary is located just south of Carroll High School on Baird Road and Eel River Elementary and Carroll Middle School are both located on Bethel Road north of Carroll Road. If at all possible, construction should be during summer (from approximately June 1 to August 1) to lessen the impact of the project on the schools.

3) Construction schedule and maintenance of traffic should be aware that the Allen County Fair is usually around the last week of July. With the proximity of the Fair Grounds and entrances along Carroll Road to the west section #1801748 of the project, coordination will be needed.

INFRASTRUCTURE TABLE AND SUMMARY

Infrastructure			
Indicate the number of items of concern found within the 0.5 mile search radius. Items in () are the number of items that are adjacent to or within the project area. If there are no items, please indicate N/A:			
Religious Facilities	3 ⁽²⁾	Pipelines	2
Airports ¹	2 ⁽¹⁾	Railroads Active	N/A
Cemeteries	1	Railroads Abandoned	1
Hospitals	N/A	Managed Lands	N/A
Schools	5 ⁽¹⁾	Trails Existing	4 ⁽¹⁾
Recreational Facilities	5 ⁽²⁾	Trails Proposed/Planned	7 ⁽⁴⁾

¹In order to complete the required airport review, a review of public airports within 3.8 miles (20,000 feet) is required.

Explanation:

Religious Facilities: Three (3) religious facilities are located within the 0.5 mile radius. Two (2) of the facilities are within or adjacent to the project area. The nearest facility to the west section of the project, Christ's Hope Ministries and Church,

INFRASTRUCTURE TABLE AND SUMMARY – Explanation continued:

is adjacent to the project area. Traffic will be maintained throughout construction using lane closures, allowing for continued access. No impact is expected; however, coordination with Christ's Hope Ministries and Church will occur. The nearest facility to the east section of the project, Pathway Community Church, is adjacent to the project area. Traffic will be maintained throughout construction using lane closures, allowing for continued access. No impact is expected; however, coordination with Pathway Community Church will occur.

Airports: Although not located within the 0.5 mile search radius, two (2) public airports, Smith Field Airport and Byron Station (Heliport), are mapped within 3.8 miles (20,000 feet) of the project area. Smith Field is located approximately 3.10 miles south of the project area, and Byron Station Helipad, mapped just north of project area just outside of the 1/2 mile search radius, appears to no longer be in use according to the FAA website; therefore, early coordination for Smith Field with INDOT Aviation will occur.

Cemeteries: One (1) cemetery is located within the 0.5 mile search radius. At its nearest point, it is 0.28 miles west of the east project area section. No impact is expected.

Schools: Five (5) Schools are located within the 0.5 mile search radius. One (1) school is within or adjacent to the west end of the east project area section. The property of the Youth Services Center of Allen County is located on the southwest corner of SR 3 and Carroll Rd at 11805 Lima Rd (SR 3). Traffic will be maintained throughout construction using lane closures, allowing for continued access. No impact is expected; however, coordination with Youth Services Center for Allen County will occur. Carroll High School, located 0.06 miles west of the western project area section, is not within the project area, but is very close in proximity to the west project section. Traffic will be maintained throughout construction using lane closures, allowing for continued access. No impact is expected; however, due to the close proximity of Carroll High School and the other schools nearby, coordination with the Northwest Allen County School district will occur.

Recreational Facilities: Five (5) recreational facilities are located within the 0.5 mile radius. Two (2) of the facilities are within or adjacent to the project area. The nearest facility to the west section of the project, the Allen County Fair Grounds, is adjacent to the project area on the east end of the west project section. Traffic will be maintained throughout construction using lane closures, allowing for continued access. No impact is expected; however, coordination with the Allen County Fair Grounds will occur. The nearest facility to the east section of the project, the Youth Services Center for Allen County, is adjacent to the project area on the west end of the east project section. Traffic will be maintained throughout construction using lane closures, allowing for continued access. No impact is expected; however, coordination with Youth Services Center for Allen County will occur.

Pipelines: Two (2) pipeline segments are located within the 0.5 mile search radius. The nearest segment, associated with Northern Indiana Fuel & Light Co., is located approximately 0.08 miles south of the east project area section. No impact is expected.

Railroads Abandoned: One (1) abandoned railroad is located within the 0.5 mile search radius. The nearest segment is located approximately 0.25 miles east of the west project area section. No impact is expected.

Trails Existing: Four (4) existing trails are located within the 0.5 mile search radius. One (1) existing trail is located adjacent to the east end of the east project area section. Coordination with Allen County Highway Department will occur.

Trails Proposed/Planned: Seven (7) potential trails are located within the 0.5 mile search radius. Four (4) potential trails are located adjacent to the project area. One potential trail is located along the north side of Carroll Rd within both project area sections. One potential trail is located along the south side of the western project section. One potential trail is located along the west side of SR 3. One potential trail is located along the east side of SR 3. Coordination with the town of Hometown, Fort Wayne Greenways Manager, INDOT, and the Northeastern Indiana Regional Coordinating Council will occur.

WATER RESOURCES TABLE AND SUMMARY

Water Resources			
Indicate the number of items of concern found within the 0.5 mile search radius. Items in () are the number of items that are adjacent to or within the project area. If there are no items, please indicate N/A:			
NWI - Points	1	Canal Routes - Historic	N/A
Karst Springs	N/A	NWI - Wetlands	42⁽³⁾
Canal Structures – Historic	N/A	Lakes	8⁽¹⁾
NPS NRI Listed	N/A	Floodplain - DFIRM	2
NWI-Lines	1	Cave Entrance Density	N/A
IDEM 303d Listed Streams and Lakes (Impaired)	2	Sinkhole Areas	N/A
Rivers and Streams	12⁽¹⁾	Sinking-Stream Basins	N/A
*High Capacity Wells (Wellhead Protection Areas)	Yes		

Explanation:

NWI-Points: One (1) NWI-Point is located within the 0.5 mile search radius. It is located approximately 0.33 miles north of the project area. No impact is expected.

NWI-Lines: One (1) NWI-Line is located within the 0.5 mile search radius. It is located approximately 0.42 miles southeast of the project area. No impact is expected.

IDEM 303d Listed Streams and Lakes (Impaired): Two (2) impaired streams are located within the 0.5 mile search radius. The closest impaired stream is located approximately 0.26 miles north of the project area. No impact is expected.

Rivers and Streams: Twelve (12) Rivers/Streams segments are located within the 0.5 mile search radius. One (1) tiled drain intersects the west section of the project area about 0.13 miles east of Bethel Rd. This is a private drain that ties into the Geller Drain north of the project's 0.5 mile search radius. A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur.

NWI – Wetlands: Forty-two (42) wetlands are located within the 0.5 mile search radius. Three (3) wetlands are located adjacent to or near the east section of the project area. A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur.

Lakes: Eight (8) lakes are located within the 0.5 mile search radius. One (1) lake is located adjacent to the east section of the project area. A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur.

Floodplain – DFIRM: Two (2) floodplain polygons are located within the 0.5 mile search radius. The nearest floodplain polygon is located approximately 0.27 miles northeast of the west section of the project area. No impact is expected.

**High Capacity Wells:* Two (2) portions of the project area are within a “Wellhead Protection Area”. To protect these features they are not identified in the water resource map due to their locational sensitivity. IDEM provides an online Source Water Proximity Determination Tool to identify Wellhead Protection Areas. After locating the project area in the “Source Water Proximity Determination Tool”, the results stated that parts of the project area ARE within a “Wellhead Protection Area” and NOT within a “Source Water Area”. General locations of the project area within a “Wellhead Protection Area” include the eastern half of the west project area (east of Tapered Bank Run) including the part of the project area that extends north to Troutwood Dr. Another part of the project area within a “Wellhead Protection Area” includes the western portion of the east project area (just east of SR 3). This will affect the project.

MINING AND MINERAL EXPLORATION TABLE AND SUMMARY

Mining/Mineral Exploration			
Indicate the number of items of concern found within the 0.5 mile search radius. Items in () are the number of items that are adjacent to or within the project area. If there are no items, please indicate N/A:			
Petroleum Wells	8	Mineral Resources	N/A
Mines – Surface	N/A	Mines – Underground	N/A

Explanation:

Petroleum Wells: Eight (8) petroleum wells are located within the 0.5 mile search radius. The nearest well is 0.19 miles east of the east section of the project area. No impacted is expected.

HAZARDOUS MATERIAL CONCERNS TABLE AND SUMMARY

Hazardous Material Concerns			
Indicate the number of items of concern found within the 0.5 mile search radius. Items in () are the number of items that are adjacent to or within the project area. If there are no items, please indicate N/A:			
Superfund	N/A	Manufactured Gas Plant Sites	N/A
RCRA Generator/ TSD	N/A	Open Dump Waste Sites	N/A
RCRA Corrective Action Sites	N/A	Restricted Waste Sites	N/A
State Cleanup Sites	N/A	Waste Transfer Stations	N/A
Septage Waste Sites	N/A	Tire Waste Sites	N/A
Underground Storage Tank (UST) Sites	6 ⁽³⁾	Confined Feeding Operations (CFO)	N/A
Voluntary Remediation Program	N/A	Brownfields	N/A
Construction Demolition Waste	N/A	Institutional Controls	N/A
Solid Waste Landfill	N/A	NPDES Facilities	5 ⁽¹⁾
Infectious/Medical Waste Sites	N/A	NPDES Pipe Locations	1
Leaking Underground Storage (LUST) Sites	2	Notice of Contamination Sites	N/A

Explanation:

Underground Storage Tank (UST) Sites: Six (6) USTs are located within the 0.5 mile search radius. Three (3) USTs are located adjacent to the project area.

- Two of the USTs are located adjacent to the west section of the project area. One UST is under the name BETTY HECK, 3104 Carroll Rd, and AI # 4912. The second UST is in the same location with the same address but there is no AI # and no records associated with it. Both of these USTs are related to the same location of 3104 Carroll

HAZARDOUS MATERIAL CONCERNS TABLE AND SUMMARY – Explanation continued

- Rd. The records for UST AI # 4912 show a request for permission to remove an underground storage tank at the farm located at 3104 Carroll Rd. Further research indicated that there was not permission needed as the tank was less than 1100 gallons and exempt from removal regulations and no further contact would be required. This final letter was dated April 8, 1992. No other evidence was provided about whether or not the tank was removed from the property or if it was ever inspected by IDEM but the property this farm used to reside on was completely demolished in 2003. The property is now a subdivision and the area where the original farm house and barns were located is partly where the entrance road to the subdivision was built and the rest is a vacant field where excavation occurred when the subdivision was built in 2003. No impact is expected.

- One of the three USTs is located adjacent to the east section of the project area at the northwest quadrant of SR 3 and Carroll Road - Byron Health Center, 12101 Lima Rd, and AI # 2172. IDEM conducted an Underground Storage Tank Inspection on 12/1/94 and the facility was found to be in compliance with equipment, operating, and maintenance requirements set forth in Indiana’s UST Rule 329 IAC 9. This UST was located on the Byron Health Center property and was closed and removed in 1999. Confirmatory soil sampling indicates that all samples were less than 100 parts per million Total Petroleum Hydrocarbons, which was the closure level in place at the time. No impact is expected.

Leaking Underground Storage (LUST) Sites: Two (2) LUST sites are located within the 0.5 mile search radius. The closest LUST site on the map is 0.08 miles north of the east project area section. This location is referring to the Rickers fuel station located at 12012 Lima Rd. This location does not have information available in the VFC (Virtual File Cabinet) regarding any LUST site. IDEM conducted an UST inspection on February 11, 2020, and a Violation Letter was issued on February 17, 2020. Compliance information was submitted on September 17, 2020, but additional violations are still outstanding. There is no indication of a release; therefore, no impact is expected.

NPDES Facilities: Five (5) NPDES Facilities are located within the 0.5 mile search radius. One (1) NPDES Facility is located adjacent to the project area. The property associated with NPDES Facility name “PATHWAY COMMUNITY CHURCH PARKING LOT EXPANSION”, at 11910 SHEARWATER DR, permit number INR10M726 is located near the project. The permit was issued on 9/20/2016 and expires 9/19/2021. Coordination with the facility will occur.

NPDES Pipe Locations: One (1) NPDES Pipe is located within the 0.5 mile search radius. At its nearest point, it is 0.34 miles northeast of the west project area section. No impact is expected.

HISTORIC SITES AND AREAS TABLE AND SUMMARY

Historic Features			
Indicate the number of items of concern found within the 0.5 mile search radius. Items in () are the number of items that are adjacent to or within the project area. If there are no items, please indicate N/A:			
Historic Sites or Districts	2	Select Bridges	N/A
Non-Select Bridges	N/A	Potential Historic Bridges	N/A
Properties identified in the SHAARD database	14	Potential Historic Sites or Districts	N/A
Post-War Era (1940-1973) Residential Housing Sites	42 ⁽⁹⁾		

Explanation:

Historic Sites or Districts: Two (2) historic buildings were identified within the 0.5 mile search radius but were delisted from the national registry on 12/31/13 and have been demolished. These structures were located 0.29 miles northwest of the east project area section. No impact is expected.

HISTORIC SITES AND AREAS TABLE AND SUMMARY – Explanation continued:

Properties identified in the SHAARD database (State Historic Architectural and Archaeological Research Database): Fourteen (14) properties or sites are located within the 0.5 mile search radius. The nearest property or site, with a County Survey rating as “Contributing”, is 0.01 miles east of the east section of the project area. No impacted is expected.

Post-War Era (1940-1973) Residential Housing Sites: Forty-two (42) Parcels that have residential housing built between 1940 and 1973 are located within the 0.5 mile search radius. Nine (9) of these parcels are adjacent to the project area and may affect the project. These are individual parcels that are primarily metes and bounds type properties located along and accessing Carroll Rd directly. Coordination with INDOT Cultural Resources Office may need to occur.

ECOLOGICAL INFORMATION SUMMARY

The Allen County listing of the Indiana Natural Heritage Data Center information on endangered, threatened, or rare (ETR) species and high quality natural communities is attached with ETR species highlighted. A preliminary review of the Indiana Natural Heritage Database by INDOT ESD did not indicate the presence of ETR species within the 0.5 mile search radius. Coordination with USFWS and IDNR will occur.

A review of the USFWS database did not indicate the presence of endangered bat species in or within 0.5 mile of the project area. The range-wide programmatic consultation for the Indiana Bat and Northern Long-eared Bat will be completed according to the most recent "Using the USFWS's IPaC System for Listed Bat Consultation for INDOT Projects".

Also, information from the Planning and Consultation (IPaC) report is included along with an official species list as of September 30, 2020.

PEDESTRIAN AND BUS STOP INFRASTRUCTURE

- 1) Connect to the existing sidewalks on the north and south sides of Carroll Road.
- 2) Connect to the existing sidewalk along Tapered Bank Run.
- 3) Connect to the existing sidewalk along Maywin Drive.
- 4) Extend the trail on the north side of Carroll Road to connect with the entrance to the Allen County Fair Grounds.
- 5) Provide a north/south pedestrian crossing on the east side of the intersection of Lima Road/SR 3 and Carroll Road.
- 6) Connect to the existing sidewalk along Mossy Oak Run.
- 7) Connect to the existing sidewalk along the south side of Carroll Road.
- 8) Provide a pedestrian crossing at the intersection of Shearwater Run/Coral Springs Drive and Carroll Road. This should be a piano key type crossing treatment.
- 9) Connect to the existing sidewalks along Shearwater Run north of Carroll Road.

UTILITIES

A contact list of utility companies located within project area can be found in the Graphics section.

***REPORT REVISION HISTORY**

- Original Completion Date: 8-27-18
- Revised 12-4-19: Revisions and additional information provided
- Revised 10-8-20: Project area was extended north of the western project section
- Revised 8-4-21: Revised following comments received from INDOT

RECOMMENDATIONS SECTION

Include recommendations from each section. If there are no recommendations, please indicate N/A:

INFRASTRUCTURE:

- Religious Facilities: Two (2) religious facilities are located within or adjacent to the project area. Coordination with Christ's Hope Ministries and Church and Pathway Community Church will occur.
- Airports: Although not mapped within the 0.5 mile search radius, one (1) public-use airport, Smith Field Airport, is located within 3.8 miles (20,000 feet) of the project area. Coordination with INDOT Aviation will occur.
- Schools: One (1) school is adjacent to the project at the west end of the east project area section. Coordination with Youth Services Center for Allen County will occur. Although no other schools are adjacent to the project, all the schools may be impacted with maintenance of traffic routes to and from the schools. Coordination with Northwest Allen County Schools will occur.
- Recreational Facilities: Two (2) recreation facilities are adjacent to the project. Coordination with the Allen County Fair Grounds and the Youth Services Center for Allen County will occur.
- Existing Trail: One (1) existing trail is adjacent to the project. Coordination with the Allen County Highway Department will occur.
- Potential Trails: Four (4) potential trails are located adjacent to the project. Coordination with the Town of Hometown, Allen County Highway Department, Fort Wayne Greenways, and the Northeastern Indiana Regional Coordinating Council will occur.

WATER RESOURCES: The presence of the following water resources will require the preparation of a Waters of the US Report and coordination with the appropriate agency, if applicable.

- Rivers and Streams: One (1) tiled drain intersects the west section of the project area about 0.13 mile east of Bethel Rd. This is a private drain that ties into the Geller Drain north of the project's 0.5 mile search radius. Coordination with the Allen County Surveyor's Office as well as other appropriate agencies, if applicable, will occur.
- Wetlands: There are three (3) wetlands adjacent to or near the project. Coordination with the appropriate agency will occur.
- Lakes: One (1) Lake is located adjacent to the east section of the project area. Coordination with the appropriate agency will occur.
- High Capacity Wells: Two (2) portions of the project area are within a Wellhead Protection Area.

MINING/MINERAL EXPLORATION: N/A

HAZARDOUS MATERIAL CONCERNS:

- NPDES Facility: Pathway Community Church Parking Lot Expansion, 11910 Shearwater Dr, permit number INR10M726, is located at the east end of the east section of the project area. A permit was issued on 9/20/2016 and expires 9/19/2021. Coordination with Pathway Community Church will occur.

HISTORICAL SITES AND AREAS:

- Post -War Era (1940-1973) Residential Housing Sites: Nine (9) Post-War Era Residential Housing Sites are adjacent to the project area. These are individual parcels located along and accessing Carroll Rd directly. Coordination with INDOT Cultural Resource Office will occur.

ECOLOGICAL INFORMATION:

- Coordination with USFWS and IDNR will occur. The range-wide programmatic consultation for the Indiana Bat and Northern Long-eared Bat will be completed according to the most recent "Using the USFWS's IPaC System for Listed Bat Consultation INDOT Projects".

PEDESTRIAN AND BUS STOP INFRASTRUCTURE:

- Nine (9) locations have been identified that require new infrastructure. All facilities must meet PROWAG requirements.

UTILITIES:

- A list of the utility companies within the project area has been identified. Contact utility representatives early in engineering phase to determine impact project will have on the location of all utilities.

PREPARED BY:

Stacey Gorsuch
Principal Transportation Planner
Northeastern Indiana Regional Coordinating Council
200 East Berry Street Suite 230
Fort Wayne, IN 46802
260-449-7309
stacey.gorsuch@co.allen.in.us
nircc.com

GRAPHICS

A map for each report section with a 0.5 mile search radius buffer around all project area(s) showing all items identified as possible items of concern is attached.

PROJECT LOCATION: YES

SITE LOCATION: YES

INFRASTRUCTURE: YES

WATER RESOURCES: YES

MINING/MINERAL EXPLORATION: YES

HAZARDOUS LOCATIONS: YES

HISTORIC FEATURES: YES

SHAARD GIS MAP: YES

SHAARD GIS LIST: YES

LIST OF ENDANGERED, THREATENED AND RARE SPECIES: YES

(Western Project Area) LETTER FROM THE UNITED STATES DEPARTMENT OF INTERIOR FISH AND WILDLIFE SERVICE AND LIST OF THREATENED AND ENDANGERED SPECIES: YES

(Western Project Area) INFORMATIONAL RESOURCE FROM THE PLANNING AND CONSULTATION (IPaC): YES

(Eastern Project Area) LETTER FROM THE UNITED STATES DEPARTMENT OF INTERIOR FISH AND WILDLIFE SERVICE AND LIST OF THREATENED AND ENDANGERED SPECIES: YES

(Eastern Project Area) INFORMATIONAL RESOURCE FROM THE PLANNING AND CONSULTATION (IPaC): YES

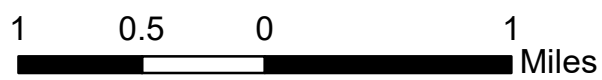
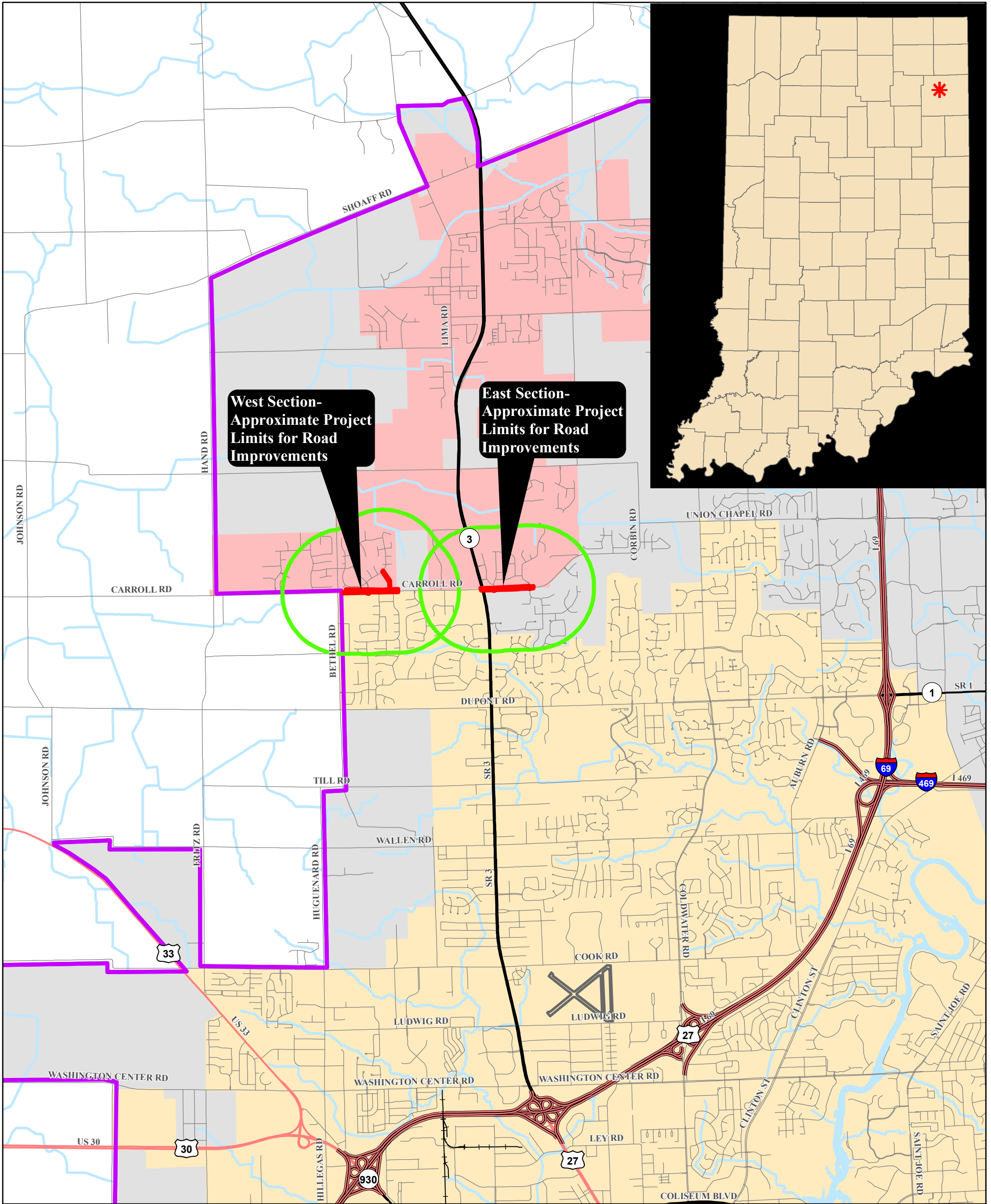
PEDESTRIAN INFRASTRUCTURE: YES

UTILITY CONTACT LIST: YES

Red Flag Investigation - Project Location

Carroll Road Road Reconstruction

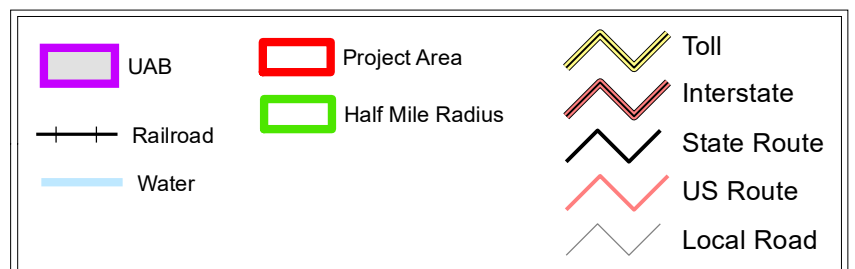
Town of Huntertown, Allen County, Indiana



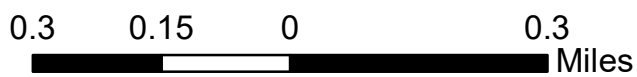
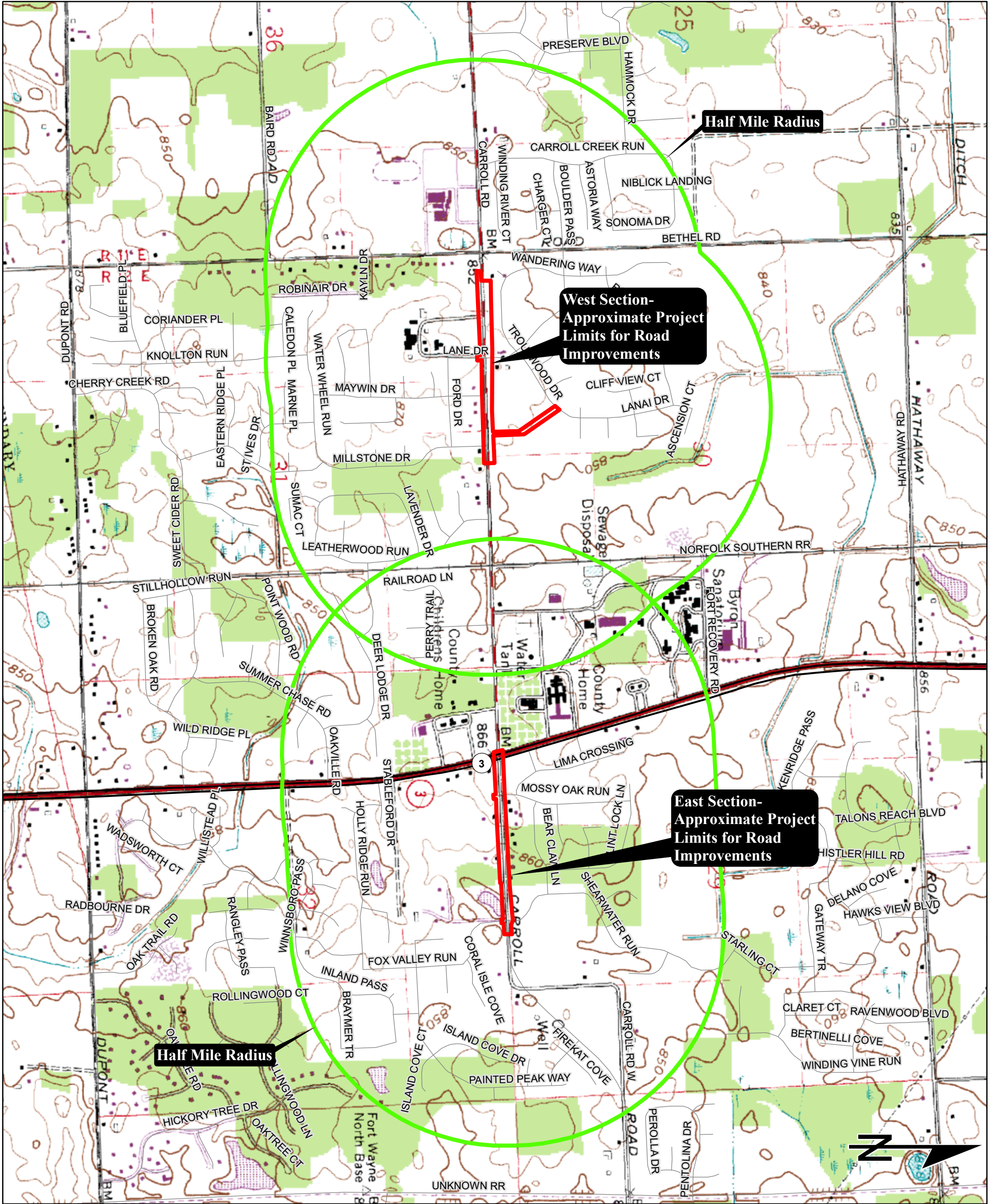
Sources:
Non Orthophotography

Data - Obtained from the State of Indiana Geographical Information Office Library, Allen County iMap, and the Northeastern Indiana Regional Coordinating Council

This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.



Red Flag Investigation - Site Location
 Carroll Road
 Road Reconstruction
 Town of Huntertown, Allen County, Indiana

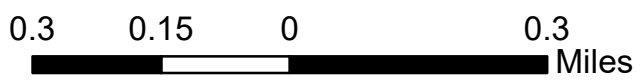
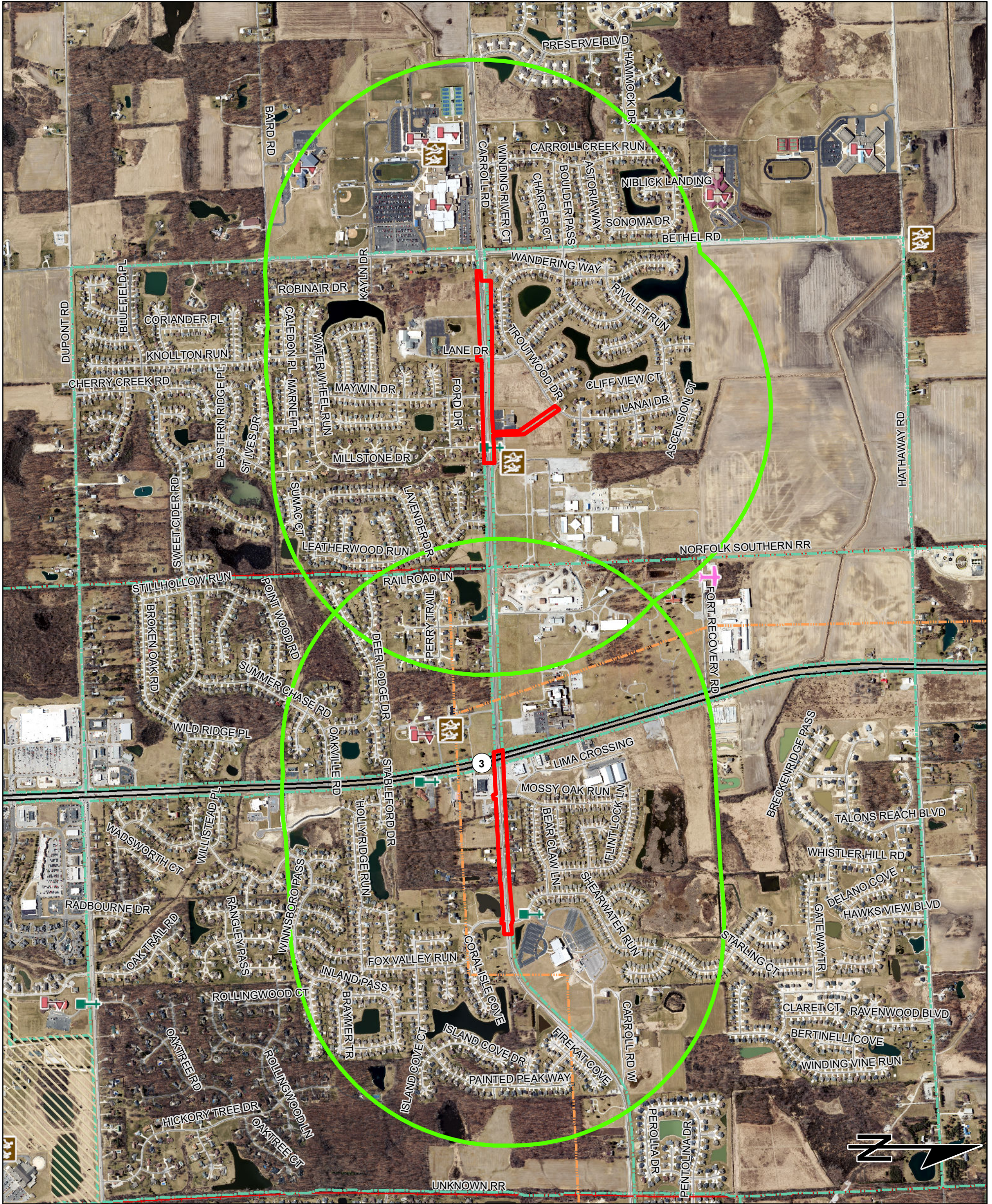


Sources:
Non Orthophotography
Data - Obtained from the State of Indiana Geographical Information Office Library, Allen County iMap, and the Northeastern Indiana Regional Coordinating Council

This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

**HUNTERTOWN
 QUADRANGLE
 INDIANA
 7.5 MINUTE SERIES
 (TOPOGRAPHIC)**

Red Flag Investigation - Infrastructure Carroll Road Road Reconstruction Town of Huntertown, Allen County, Indiana



Sources:

Non Orthophotography

Data - Obtained from the State of Indiana Geographical Information Office Library, Allen County iMap, and the Northeastern Indiana Regional Coordinating Council

Orthophotography - (2018) Obtained from Allen County iMap

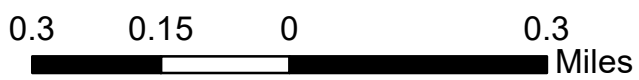
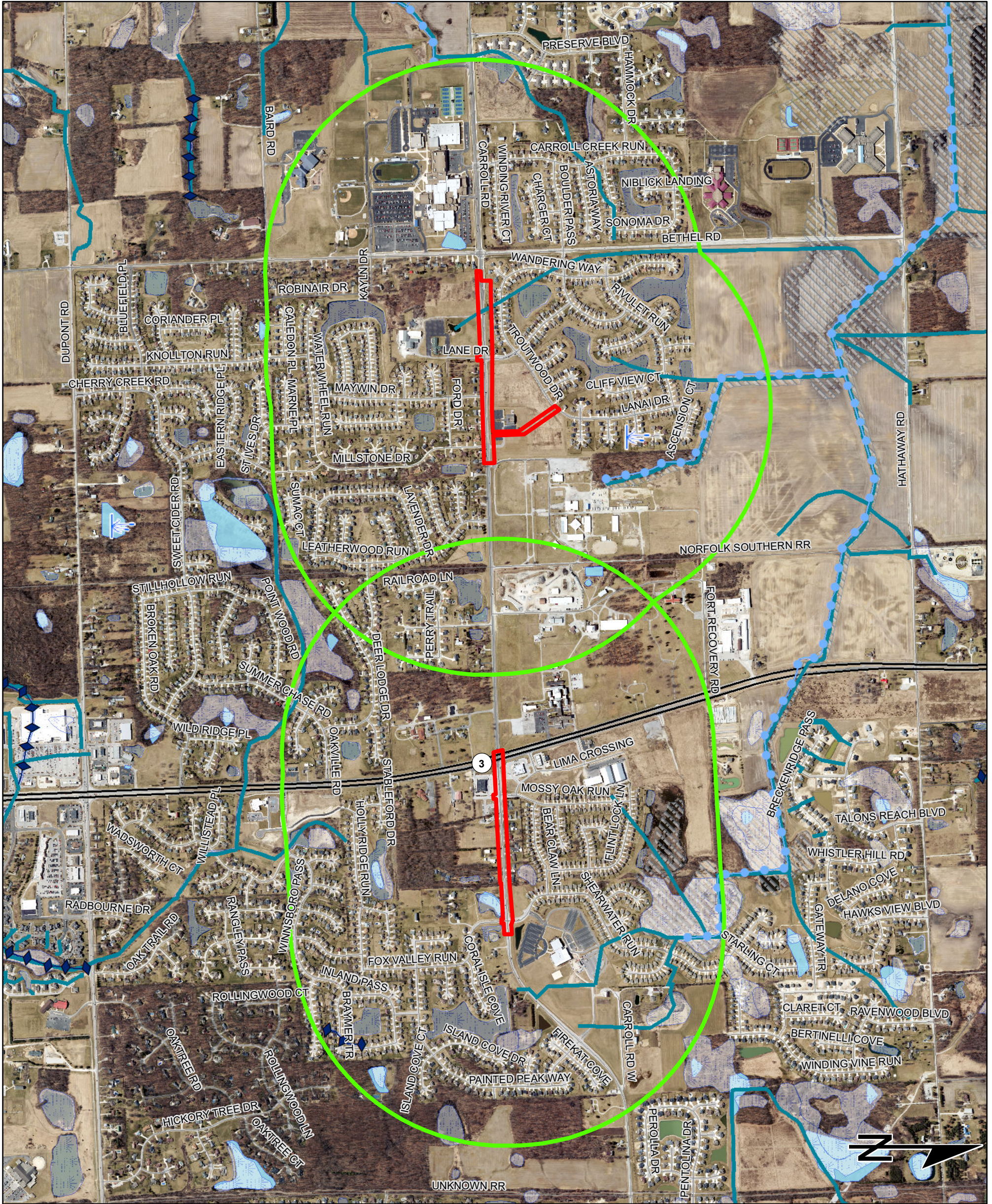
This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

	Religious Facility		Recreation Facility		Project Area
	Airport		Pipeline		Half Mile Radius
	Cemeteries		Railroad		Toll
	Hospital		Trails		Interstate
	School		Managed Lands		State Route
			County Boundary		US Route
					Local Road

Red Flag Investigation - Water Resources

Carroll Road Road Reconstruction

Town of Huntertown, Allen County, Indiana



Sources:

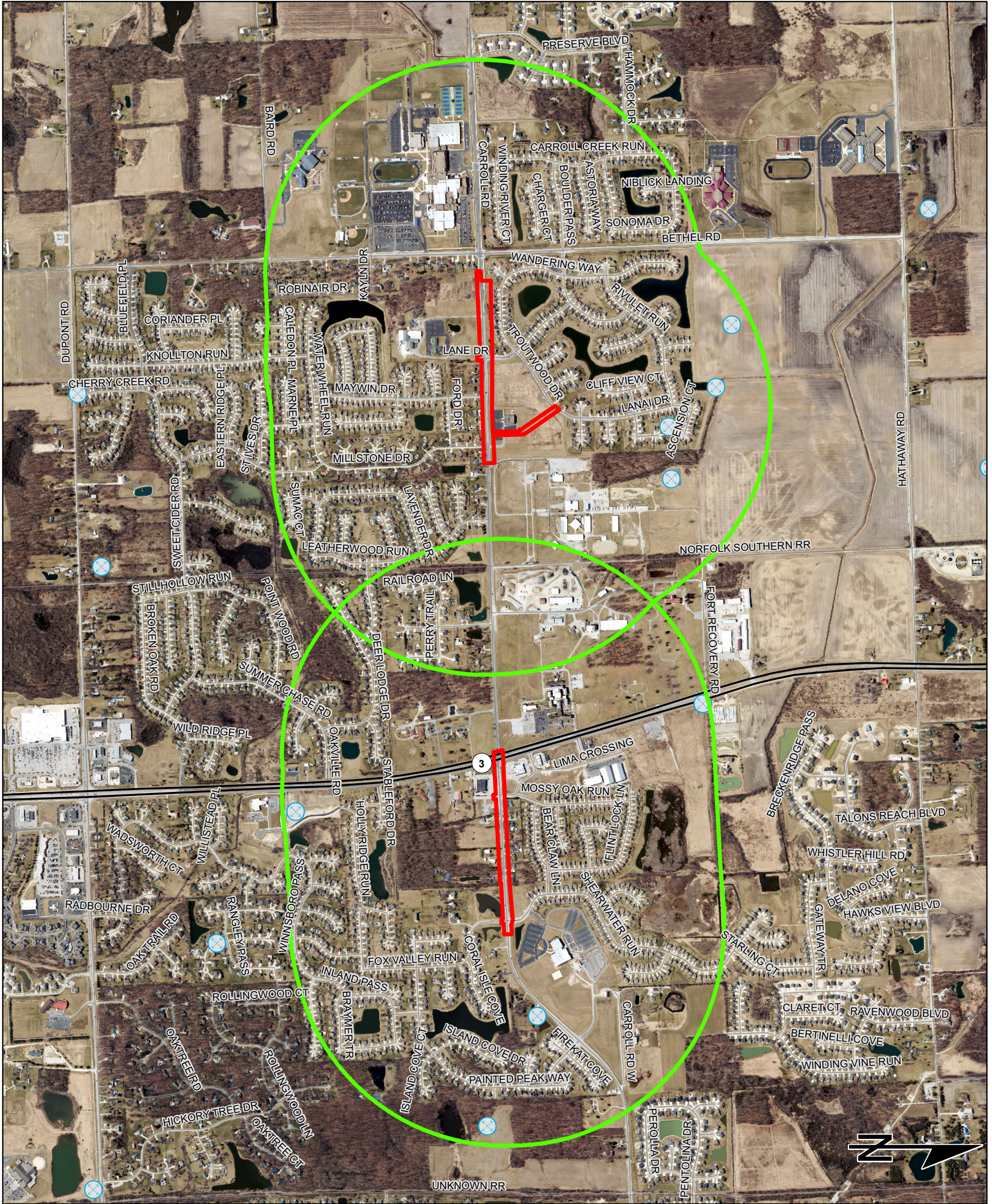
Non Orthophotography

Data - Obtained from the State of Indiana Geographical Information Office Library, Allen County iMap, and the Northeastern Indiana Regional Coordinating Council
Orthophotography - (2018) Obtained from Allen County iMap

This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

NWI - Point	Wetlands	Project Area
Karst Spring	Lake	Half Mile Radius
NWI - Line	Floodplain - DFIRM	Toll
Impaired_Stream_Lake	Cave Entrance Density	Interstate
NPS NRI listed	Sinkhole Area	State Route
River/Stream/Drain	Sinking-Stream Basin	US Route
Canal Structure - Historic	County Boundary	Local Road
Canal Route - Historic		

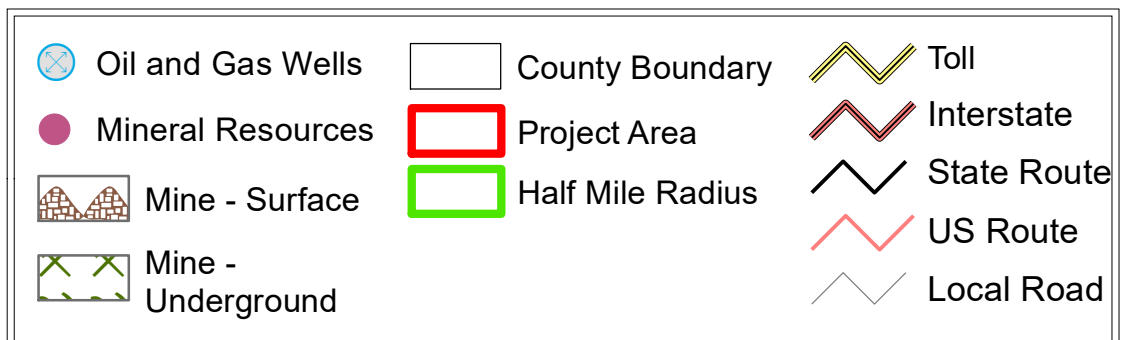
Red Flag Investigation - Mining/Mineral Exploration Carroll Road Road Reconstruction Town of Hunteertown, Allen County, Indiana



0.3 0.15 0 0.3 Miles

Sources:
Non Orthophotography Data - Obtained from the State of Indiana Geographical Information Office Library, Allen County iMap, and the Northeastern Indiana Regional Coordinating Council
Orthophotography - (2018) Obtained from Allen County iMap

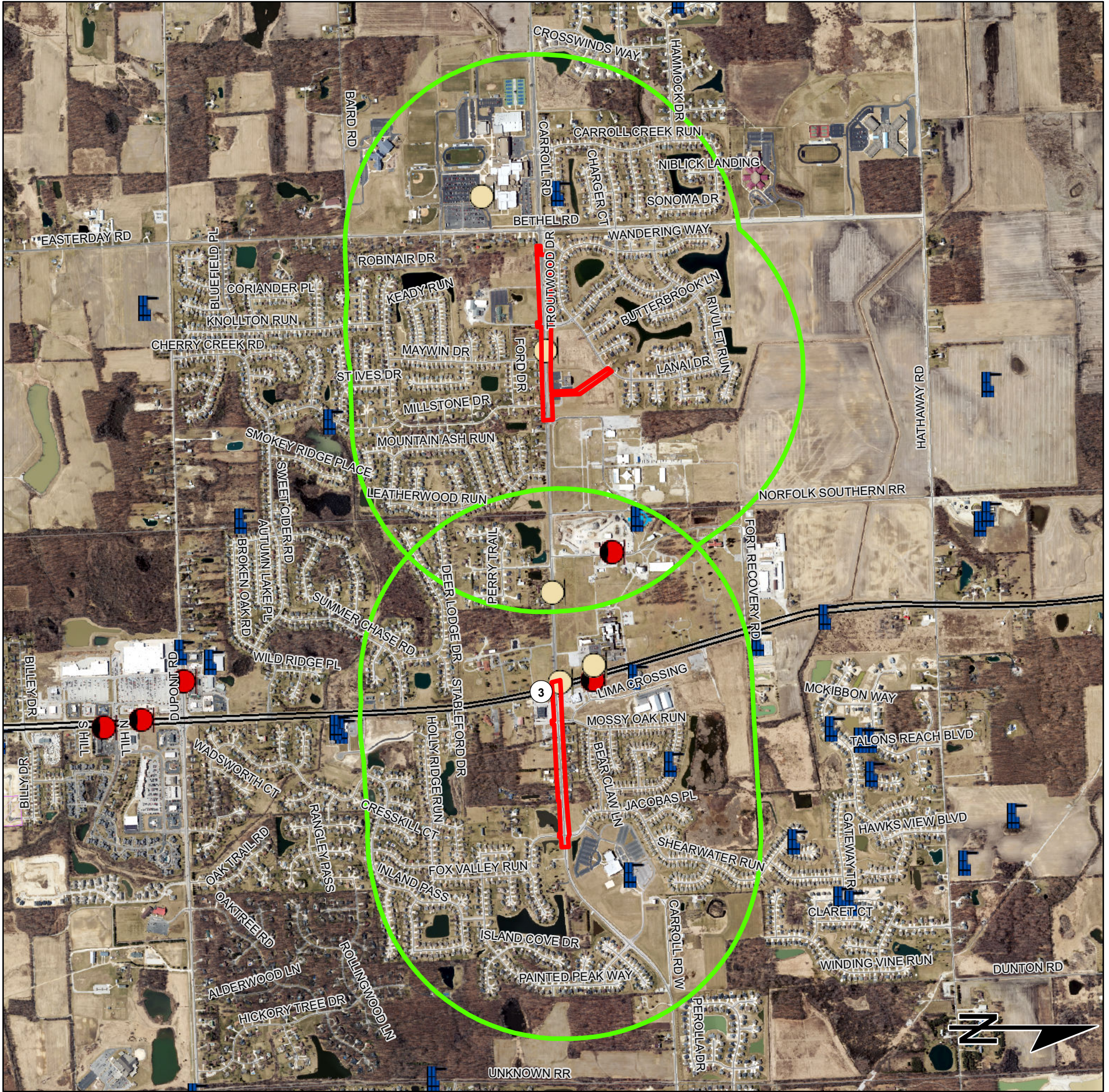
This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.



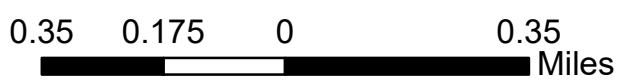
Red Flag Investigation - Hazardous Locations

Carroll Road Road Reconstruction

Town of Hometown, Allen County, Indiana



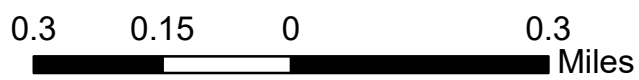
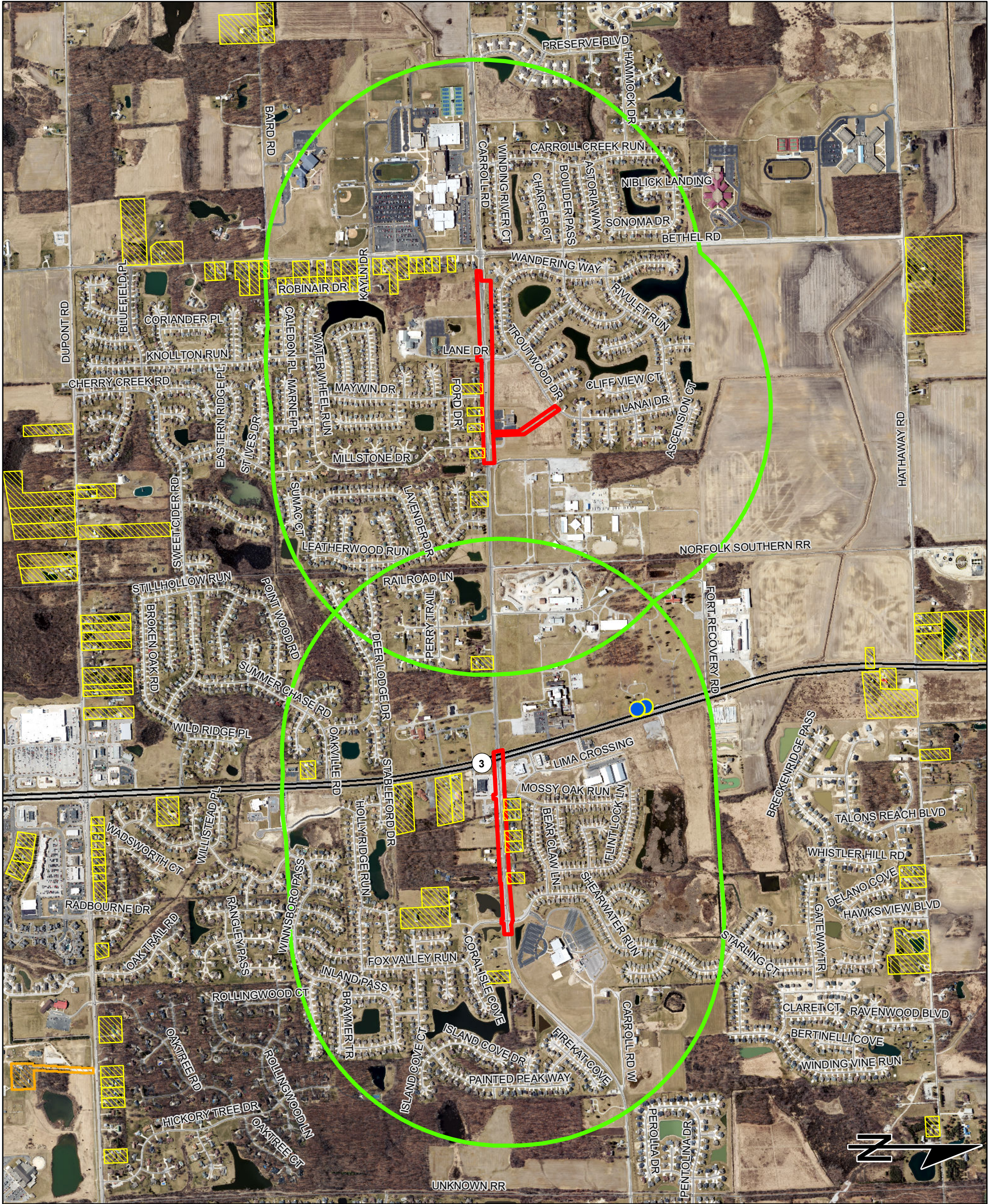
	Brownfield		RCRA Generator/TSD		Institutional Controls
	RCRA Corrective Action Sites		Restricted Waste Site		County Boundary
	Confined Feeding Operation		Septage Waste Site		Project Area
	Notice_of_Contamination		Solid Waste Landfill		Half Mile Radius
	Construction/Demolition Site		State Cleanup Site		Toll
	Infectious/Medical Waste Site		Superfund		Interstate
	Leaking Underground Storage Tank		Tire Waste Site		State Route
	Manufactured Gas Plant		Underground Storage Tank		US Route
	NPDES Facilities		Voluntary Remediation Program		Local Road
	NPDES Pipe Locations		Waste Transfer Station		
	Open Dump Waste Site				



This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

Sources:
Non Orthophotography
Data - Obtained from the State of Indiana Geographical Information Office Library, Allen County iMap, and the Northeastern Indiana Regional Coordinating Council
Orthophotography - (2018) Obtained from Allen County iMap

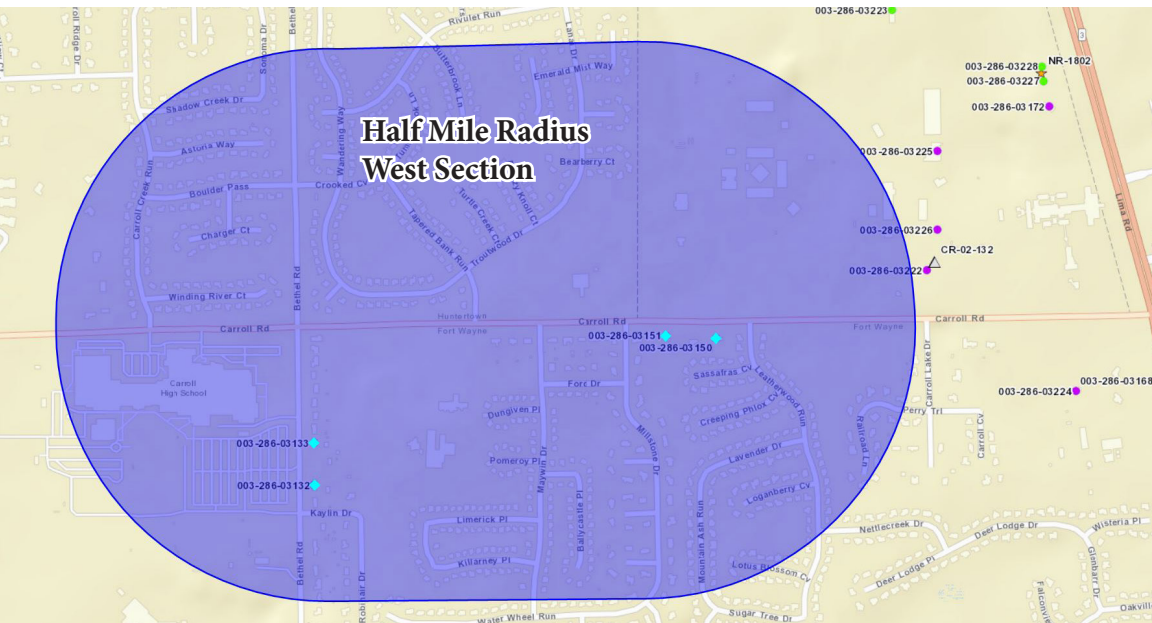
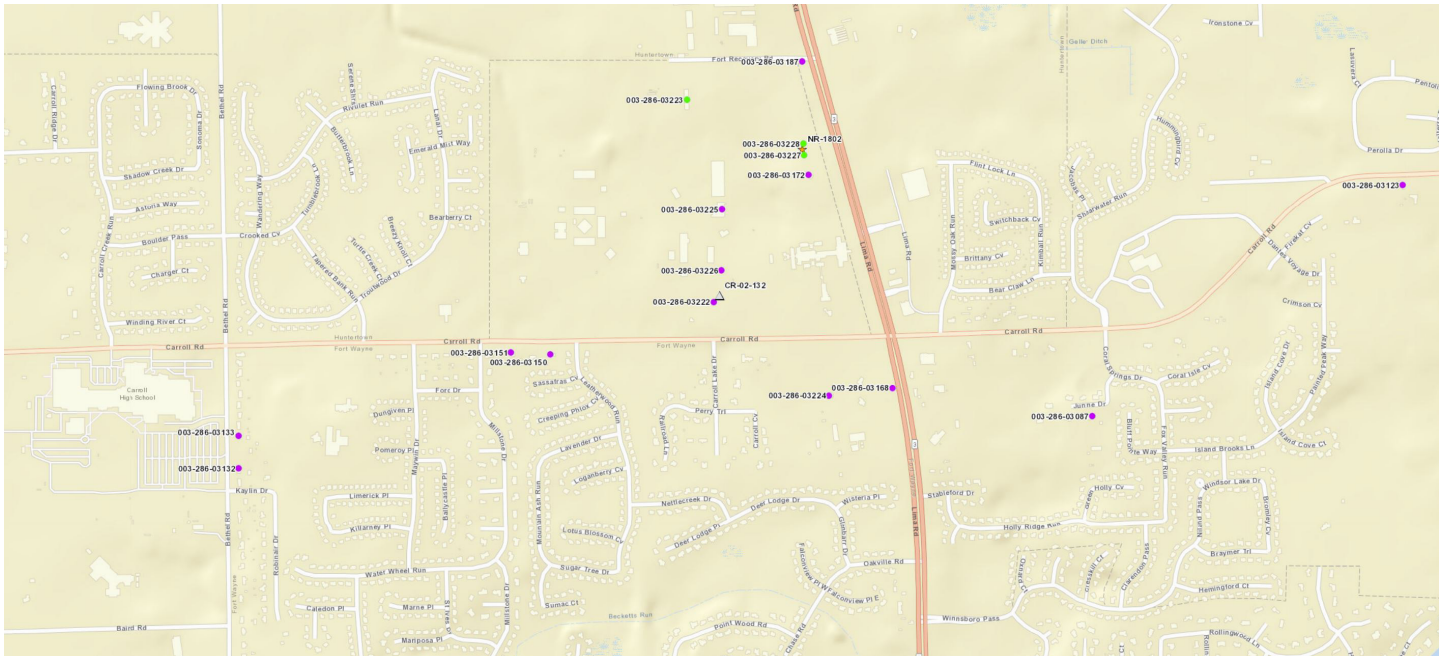
Red Flag Investigation - Historical Features Carroll Road Road Reconstruction Town of Huntertown, Allen County, Indiana



Sources:
Non Orthophotography
Data - Obtained from the State of Indiana Geographical Information Office Library, Allen County iMap, and the Northeastern Indiana Regional Coordinating Council
Orthophotography - (2018) Obtained from Allen County iMap

This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

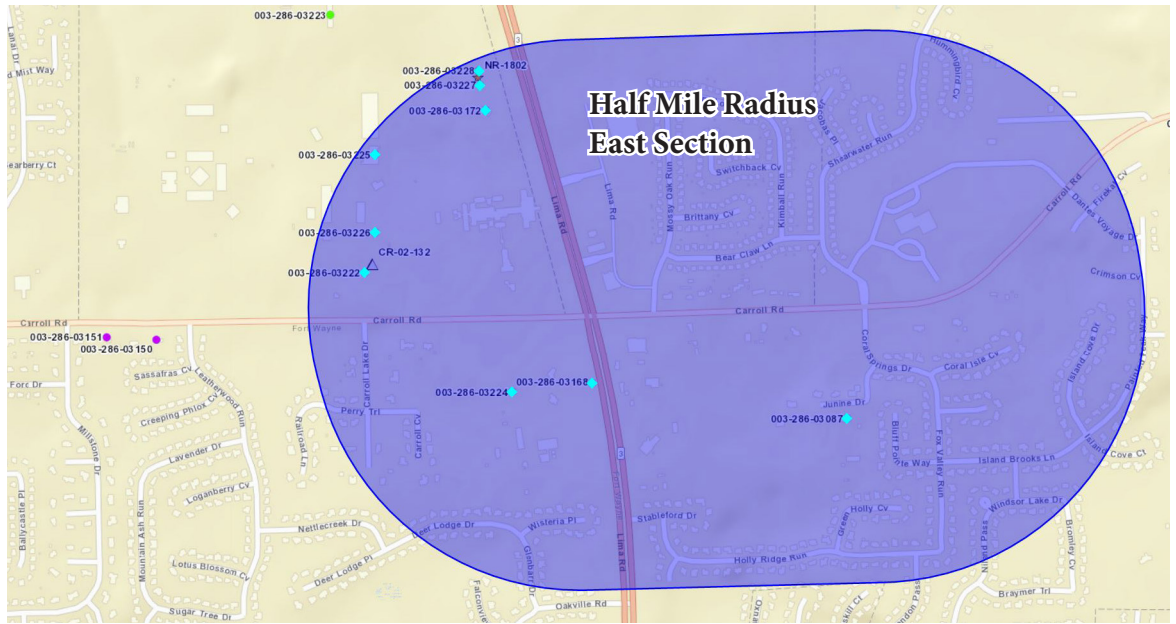
Historic Canal Structures	Historical Areas or Districts	Project Area
Historic Canal Routes	Historical Sites	Half Mile Radius
Non-Select Bridges	Potential Historical Areas or Districts	Toll
Select Bridges	Potential Historical Sites	Interstate
Historic Bridges	Post-War (1940-1973) Residential Housing	State Route
	County Boundary	US Route
		Local Road



DNR Indiana Department of Natural Resources
SHAARD GIS SHAARD GIS
 003-286-03228 NR-1802
 003-286-03227
 003-286-03172

Search
 Find Address
 Bookmarks

- Historic Structures
- Cemeteries
- County Survey Sites
 - Outstanding
 - Notable
 - Contributing
 - Non-Contributing
 - Demolished
 - Unknown
- Historic Bridges
 - Outstanding
 - Notable
 - Contributing
 - Non-Contributing
 - Demolished
 - Unknown
- National Register Sites
- Historic Districts



Items listed within 1/2 mile of the approximate project area from the
 Indiana State Historic Architectural and Archaeological Research
 Database (SHAARD) (9-30-20)

West Section (250' east of Bethel Road to Millstone Drive)

Survey Number:	003-286-03132
Rating:	Contributing
Historic Name:	House
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	11512 Bethel Road
City:	Fort Wayne

Survey Number:	003-286-03133
Rating:	Contributing
Historic Name:	House
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	11622 Bethel Road
City:	Fort Wayne

Survey Number:	003-286-03151
Rating:	Contributing
Historic Name:	House
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	2727 Carroll Road
City:	Fort Wayne

Survey Number:	003-286-03150
Rating:	Contributing
Historic Name:	House
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	2629 Carroll Road
City:	Fort Wayne

East Section (Lima Road/SR 3 to Coral Springs Drive/Shearwater Run)

Bulding has been demolished	
Survey Number:	003-286-03228
Rating:	Notable
Historic Name:	Irene Byron Tuberculosis Sanitarium Physicians' Residence
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	12407 Lima Road
City:	Fort Wayne

Bulding has been demolished	
Survey Number:	003-286-03227
Rating:	Notable
Historic Name:	Irene Byron Tuberculosis Sanitarium Physicans House
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	12371 Lima Road
City:	Fort Wayne

Bulding has been demolished	
Survey Number:	003-286-03172
Rating:	Contributing
Historic Name:	Dr. Draper House
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	12309 Limia Road
City:	Fort Wayne

Buldings have been demolished	
Survey Number:	003-286-17013
Rating:	Contributing
Historic Name:	Irene Byron Tuberculosis Sanatorium -- Physicians' Residences
Listed in Both Nat. Reg. and St. Reg.:	12/4/2004
National Register File Number:	NR-1802
Delisted:	12/31/2013
Address:	12371 and 12407 Lima Road
City:	Fort Wayne

Survey Number:	003-286-03225
Rating:	Contributing
Historic Name:	Irene Byron Tuberculosis Sanitarium - Power House
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	2116 Carroll Road
City:	Fort Wayne

Survey Number:	003-286-03226
Rating:	Contributing
Historic Name:	Irene Byron Tuberculosis Sanitarium - Water plant
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	2240 Carroll Road
City:	Fort Wayne

Survey Number:	003-286-03222
Rating:	Contributing
Historic Name:	Allen County Health Center Cemetery, Allen County Home Cemetery
Year Dataset Compiled:	2012
National Register File Number:	-
Cemetery Register:	CR-02-132
Address:	Corner of Carrol Road and Carroll Access Road. Adjacent to where police K-9 units are trained.
City:	Fort Wayne

Survey Number:	003-286-03224
Rating:	Contributing
Historic Name:	Irene Byron Tuberculosis Sanitarium - Maintenance
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	11801 Lima Road
City:	Fort Wayne

Survey Number:	003-286-03168
Rating:	Contributing
Historic Name:	Waiting Station
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	11702 Lima Road
City:	Fort Wayne

Survey Number:	003-286-03087
Rating:	Contributing
Historic Name:	Dietrich Rodenbeck Farm
Year Dataset Compiled:	2012
National Register File Number:	-
Address:	1317 Junine Drive
City:	Fort Wayne

Indiana County Endangered, Threatened and Rare Species List

County: Allen



Species Name	Common Name	FED	STATE	GRANK	SRANK
Mollusk: Bivalvia (Mussels)					
<i>Alasmidonta viridis</i>	Slippershell Mussel		SSC	G4G5	S3
<i>Epioblasma obliquata perobliqua</i>	White catspaw	LE	SE	G1	SX
<i>Epioblasma rangiana</i>	Northern Riffleshell	LE	SE	G1	S1
<i>Lampsilis fasciola</i>	Wavyrayed Lampmussel		SSC	G5	S3
<i>Ligumia recta</i>	Black Sandshell		SSC	G4G5	S2
<i>Obovaria subrotunda</i>	Round Hickorynut	C	SE	G4	S1
<i>Pleurobema clava</i>	Clubshell	LE	SE	G1G2	S1
<i>Ptychobranchus fasciolaris</i>	Kidneyshell		SSC	G4G5	S2
<i>Theliderma cylindrica</i>	Rabbitsfoot	LT	SE	G3G4	S1
<i>Toxolasma lividus</i>	Purple Lilliput	C	SSC	G3Q	S2
<i>Villosa fabalis</i>	Rayed Bean	LE	SE	G2	S1
Insect: Odonata (Dragonflies & Damselflies)					
<i>Gomphus fraternus</i>	Midland Clubtail			G5	S2
<i>Tachopteryx thoreyi</i>	Gray Petaltail		WL	G4	S3
Fish					
<i>Moxostoma valenciennesi</i>	Greater Redhorse		SE	G4	S2
<i>Percina evides</i>	Gilt Darter		SE	G4	S1
Amphibian					
<i>Acris blanchardi</i>	Blanchard's Cricket Frog		SSC	G5	S4
<i>Ambystoma laterale</i>	Blue-spotted Salamander		SSC	G5	S2
<i>Hemidactylium scutatum</i>	Four-toed Salamander		SSC	G5	S2
Reptile					
<i>Clemmys guttata</i>	Spotted Turtle	C	SE	G5	S2
<i>Clonophis kirtlandii</i>	Kirtland's Snake		SE	G2	S2
<i>Emydoidea blandingii</i>	Blanding's Turtle	C	SE	G4	S2
<i>Sistrurus catenatus</i>	Eastern Massasauga	LT	SE	G3	S2
Bird					
<i>Asio flammeus</i>	Short-eared Owl		SE	G5	S2
<i>Bartramia longicauda</i>	Upland Sandpiper		SE	G5	S3B
<i>Buteo platypterus</i>	Broad-winged Hawk		SSC	G5	S3B
<i>Certhia americana</i>	Brown Creeper			G5	S2B
<i>Circus hudsonius</i>	Northern Harrier		SE	G5	S2
<i>Cistothorus palustris</i>	Marsh Wren		SE	G5	S3B
<i>Falco peregrinus</i>	Peregrine Falcon		SSC	G4	S2B
<i>Haliaeetus leucocephalus</i>	Bald Eagle		SSC	G5	S2
<i>Ixobrychus exilis</i>	Least Bittern		SE	G4G5	S3B
<i>Lanius ludovicianus</i>	Loggerhead Shrike		SE	G4	S3B
<i>Nyctanassa violacea</i>	Yellow-crowned Night-heron		SE	G5	S2B
<i>Nycticorax nycticorax</i>	Black-crowned Night-heron		SE	G5	S1B

Indiana Natural Heritage Data Center
Division of Nature Preserves
Indiana Department of Natural Resources
This data is not the result of comprehensive county surveys.

Fed: LE = Endangered; LT = Threatened; C = candidate; PDL = proposed for delisting
State: SE = state endangered; ST = state threatened; SR = state rare; SSC = state species of special concern; SX = state extirpated; SG = state significant; WL = watch list
GRANK: Global Heritage Rank: G1 = critically imperiled globally; G2 = imperiled globally; G3 = rare or uncommon globally; G4 = widespread and abundant globally but with long-term concerns; G5 = widespread and abundant globally; G? = unranked; GX = extinct; Q = uncertain rank; T = taxonomic subunit rank
SRANK: State Heritage Rank: S1 = critically imperiled in state; S2 = imperiled in state; S3 = rare or uncommon in state; G4 = widespread and abundant in state but with long-term concern; SG = state significant; SH = historical in state; SX = state extirpated; B = breeding status; S? = unranked; SNR = unranked; SNA = nonbreeding status unranked

Indiana County Endangered, Threatened and Rare Species List

County: Allen



Species Name	Common Name	FED	STATE	GRANK	SRANK
<i>Phalaropus tricolor</i>	Wilson's Phalarope		SSC	G5	SHB
<i>Setophaga cerulea</i>	Cerulean Warbler		SE	G4	S3B
<i>Setophaga citrina</i>	Hooded Warbler		SSC	G5	S3B
<i>Sturnella neglecta</i>	Western Meadowlark		SSC	G5	S2B
<i>Tyto alba</i>	Barn Owl		SE	G5	S2
Mammal					
<i>Taxidea taxus</i>	American Badger		SSC	G5	S2
Vascular Plant					
<i>Andromeda glaucophylla</i>	bog rosemary		ST	G5T5	S2
<i>Carex cephaloidea</i>	thinleaf sedge		ST	G5	S2
<i>Carex decomposita</i>	cypress-knee sedge		ST	G3G4	S2
<i>Carex trichocarpa</i>	hairy-fruit sedge		WL	G4	S3
<i>Chelone obliqua var. speciosa</i>	rose turtlehead		WL	G4T3	S3
<i>Circaea alpina</i>	small enchanter's nightshade		SX	G5	SX
<i>Crataegus succulenta var. succulenta</i>	fleshy hawthorn		ST	G5T5	S3
<i>Dactylorhiza viridis</i>	long-bract green orchid		SE	G5	S1
<i>Hydrastis canadensis</i>	golden seal		WL	G3G4	S3
<i>Panax quinquefolius</i>	American ginseng		WL	G3G4	S3
<i>Phlox ovata</i>	mountain phlox		SE	G4	S1
<i>Platanthera psycodes</i>	small purple-fringe orchid		ST	G5	S3
<i>Poa alsodes</i>	grove meadow grass		ST	G4G5	S3
<i>Pyrola elliptica</i>	elliptical-leaf wintergreen		WL	G5	S3
<i>Rorippa aquatica</i>	lake cress		SE	G4?	S1
<i>Scutellaria parvula var. parvula</i>	small skullcap		SE	G4T4	S1
<i>Spiranthes lucida</i>	shining ladies'-tresses		ST	G4	S3
<i>Spiranthes magnicamporum</i>	Great Plains ladies'-tresses		SE	G3G4	S1
<i>Symphotrichum boreale</i>	rushlike aster		ST	G5	S2
High Quality Natural Community					
<i>Forest - flatwoods black swamp</i>	Black Swamp Flatwoods		SG	GNR	S1
<i>Forest - flatwoods central till plain</i>	Central Till Plain Flatwoods		SG	G3	S2
<i>Forest - floodplain mesic</i>	Mesic Floodplain Forest		SG	G3?	S1
<i>Forest - floodplain wet-mesic</i>	Wet-mesic Floodplain Forest		SG	G3?	S3
<i>Forest - upland dry Central Till Plain</i>	Central Till Plain Dry Upland Forest		SG	GNR	S1
<i>Forest - upland dry-mesic Central Till Plain</i>	Central Till Plain Dry-mesic Upland Forest		SG	GNR	S2
<i>Forest - upland mesic Central Till Plain</i>	Central Till Plain Mesic Upland Forest		SG	GNR	S3
<i>Lake - pond</i>	Pond		SG	GNR	SNR
<i>Prairie - dry-mesic</i>	Dry-mesic Prairie		SG	G3	S2

Indiana Natural Heritage Data Center
 Division of Nature Preserves
 Indiana Department of Natural Resources
 This data is not the result of comprehensive county surveys.

Fed: LE = Endangered; LT = Threatened; C = candidate; PDL = proposed for delisting
 State: SE = state endangered; ST = state threatened; SR = state rare; SSC = state species of special concern; SX = state extirpated; SG = state significant; WL = watch list
 GRANK: Global Heritage Rank: G1 = critically imperiled globally; G2 = imperiled globally; G3 = rare or uncommon globally; G4 = widespread and abundant globally but with long-term concerns; G5 = widespread and abundant globally; G? = unranked; GX = extinct; Q = uncertain rank; T = taxonomic subunit rank
 SRANK: State Heritage Rank: S1 = critically imperiled in state; S2 = imperiled in state; S3 = rare or uncommon in state; G4 = widespread and abundant in state but with long-term concern; SG = state significant; SH = historical in state; SX = state extirpated; B = breeding status; S? = unranked; SNR = unranked; SNA = nonbreeding status unranked

Indiana County Endangered, Threatened and Rare Species List

County: Allen



Species Name	Common Name	FED	STATE	GRANK	SRANK
<i>Wetland - marsh</i>	Marsh		SG	GU	S4
<i>Wetland - swamp forest</i>	Forested Swamp		SG	G2?	S2
<i>Wetland - swamp shrub</i>	Shrub Swamp		SG	GU	S2
Other Significant Feature					
<i>Geomorphic - Nonglacial Erosional Feature - Water Fall and Cascade</i>	Water Fall and Cascade			GNR	SNR

Indiana Natural Heritage Data Center
Division of Nature Preserves
Indiana Department of Natural Resources
This data is not the result of comprehensive county surveys.

Fed: LE = Endangered; LT = Threatened; C = candidate; PDL = proposed for delisting
 State: SE = state endangered; ST = state threatened; SR = state rare; SSC = state species of special concern; SX = state extirpated; SG = state significant; WL = watch list
 GRANK: Global Heritage Rank: G1 = critically imperiled globally; G2 = imperiled globally; G3 = rare or uncommon globally; G4 = widespread and abundant globally but with long-term concerns; G5 = widespread and abundant globally; G? = unranked; GX = extinct; Q = uncertain rank; T = taxonomic subunit rank
 SRANK: State Heritage Rank: S1 = critically imperiled in state; S2 = imperiled in state; S3 = rare or uncommon in state; G4 = widespread and abundant in state but with long-term concern; SG = state significant; SH = historical in state; SX = state extirpated; B = breeding status; S? = unranked; SNR = unranked; SNA = nonbreeding status unranked



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Indiana Ecological Services Field Office

620 South Walker Street

Bloomington, IN 47403-2121

Phone: (812) 334-4261 Fax: (812) 334-4273

<http://www.fws.gov/midwest/Endangered/section7/s7process/step1.html>

In Reply Refer To:

September 30, 2020

Consultation Code: 03E12000-2020-SLI-2772

Event Code: 03E12000-2020-E-10959

Project Name: Carroll Road

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies any federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat if present within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the Service if they determine their project “may affect” listed species or critical habitat.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally. You may verify the list by visiting the ECOS-IPaC website <http://ecos.fws.gov/ipac/> at regular intervals during project planning and implementation and completing the same process you used to receive the attached list. As an alternative, you may contact this Ecological Services Field Office for updates.

Please use the species list provided and visit the U.S. Fish and Wildlife Service's Region 3 Section 7 Technical Assistance website at - <http://www.fws.gov/midwest/endangered/section7/s7process/index.html>. This website contains step-by-step instructions which will help you

determine if your project will have an adverse effect on listed species and will help lead you through the Section 7 process.

For all **wind energy projects** and **projects that include installing towers that use guy wires or are over 200 feet in height**, please contact this field office directly for assistance, even if no federally listed plants, animals or critical habitat are present within your proposed project or may be affected by your proposed project.

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*) and Migratory Bird Treaty Act (16 U.S.C. 703 *et seq.*), as are golden eagles. Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near an eagle nest or winter roost area, see our Eagle Permits website at <http://www.fws.gov/midwest/midwestbird/EaglePermits/index.html> to help you determine if you can avoid impacting eagles or if a permit may be necessary.

We appreciate your concern for threatened and endangered species. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Indiana Ecological Services Field Office

620 South Walker Street

Bloomington, IN 47403-2121

(812) 334-4261

Project Summary

Consultation Code: 03E12000-2020-SLI-2772

Event Code: 03E12000-2020-E-10959

Project Name: Carroll Road

Project Type: TRANSPORTATION

Project Description: Western Project Area

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/41.19281021655672N85.1819753385867W>



Counties: Allen, IN

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949 Species survey guidelines: https://ecos.fws.gov/ipac/guideline/survey/population/1/office/31440.pdf	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: <ul style="list-style-type: none"> ▪ Incidental take of the NLEB is not prohibited here. Federal agencies may consult using the 4(d) rule streamlined process. Transportation projects may consult using the programmatic process. See www.fws.gov/midwest/endangered/mammals/nleb/index.html Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Project information

NAME

Carroll Road

LOCATION

Allen County, Indiana



DESCRIPTION

Western Project Area

Local office

Indiana Ecological Services Field Office

☎ (812) 334-4261

📠 (812) 334-4273

620 South Walker Street
Bloomington, IN 47403-2121

<http://www.fws.gov/midwest/Endangered/section7/s7process/step1.html>

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Log in to IPaC.
2. Go to your My Projects list.
3. Click PROJECT HOME for this project.
4. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information.
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
------	--------

Indiana Bat *Myotis sodalis* Endangered
There is **final** critical habitat for this species. Your location is outside the critical habitat.
<https://ecos.fws.gov/ecp/species/5949>

Northern Long-eared Bat *Myotis septentrionalis* Threatened
This species only needs to be considered if the following condition applies:

- Incidental take of the NLEB is not prohibited here. Federal agencies may consult using the 4(d) rule streamlined process. Transportation projects may consult using the programmatic process. See www.fws.gov/midwest/endangered/mammals/nleb/index.html

No critical habitat has been designated for this species.
<https://ecos.fws.gov/ecp/species/9045>

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Nationwide conservation measures for birds <http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)
<p>Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679</p>	Breeds elsewhere
<p>Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds May 10 to Sep 10
<p>Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds May 10 to Aug 31

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper

Interpretation and Use of Your Migratory Bird Report” before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

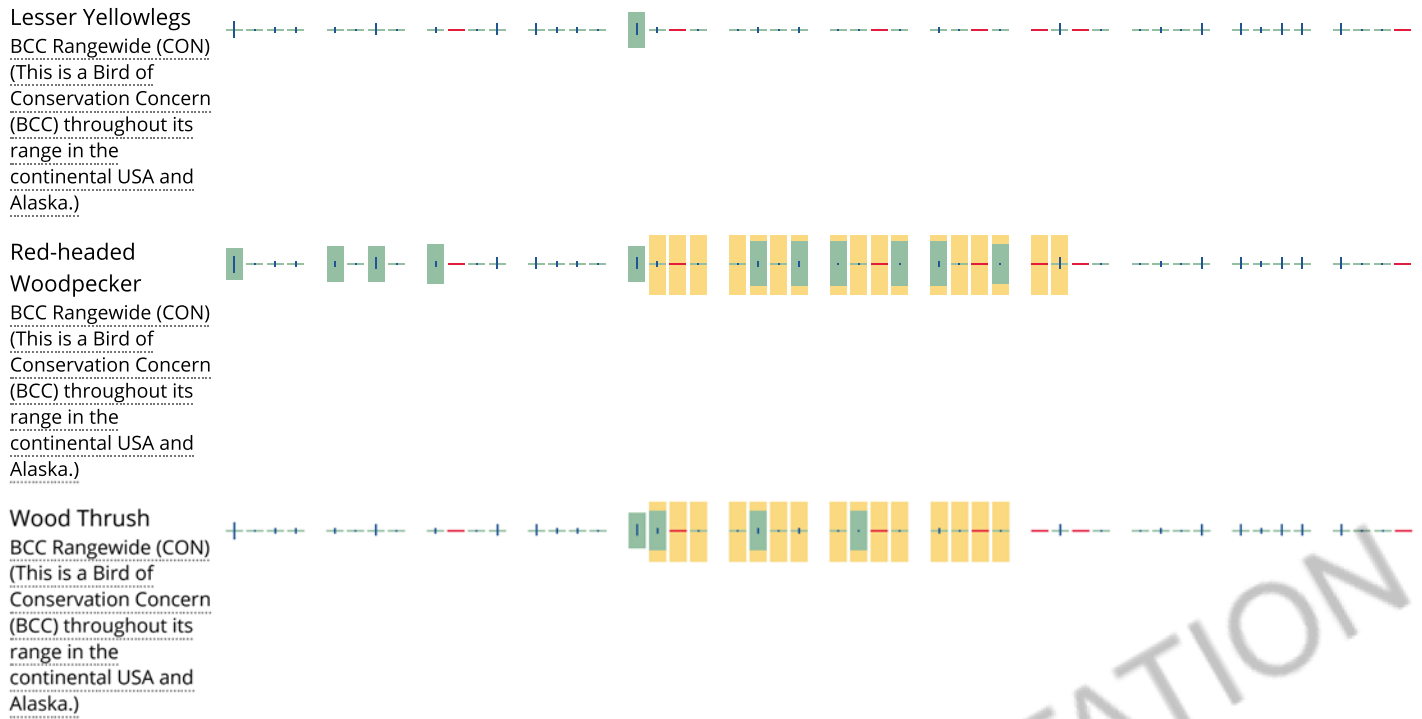
No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) and/or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal

bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

THERE ARE NO KNOWN WETLANDS AT THIS LOCATION.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Indiana Ecological Services Field Office

620 South Walker Street

Bloomington, IN 47403-2121

Phone: (812) 334-4261 Fax: (812) 334-4273

<http://www.fws.gov/midwest/Endangered/section7/s7process/step1.html>

In Reply Refer To:

September 30, 2020

Consultation Code: 03E12000-2020-SLI-2773

Event Code: 03E12000-2020-E-10961

Project Name: Carroll Road

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies any federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat if present within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the Service if they determine their project “may affect” listed species or critical habitat.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally. You may verify the list by visiting the ECOS-IPaC website <http://ecos.fws.gov/ipac/> at regular intervals during project planning and implementation and completing the same process you used to receive the attached list. As an alternative, you may contact this Ecological Services Field Office for updates.

Please use the species list provided and visit the U.S. Fish and Wildlife Service's Region 3 Section 7 Technical Assistance website at - <http://www.fws.gov/midwest/endangered/section7/s7process/index.html>. This website contains step-by-step instructions which will help you

determine if your project will have an adverse effect on listed species and will help lead you through the Section 7 process.

For all **wind energy projects** and **projects that include installing towers that use guy wires or are over 200 feet in height**, please contact this field office directly for assistance, even if no federally listed plants, animals or critical habitat are present within your proposed project or may be affected by your proposed project.

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*) and Migratory Bird Treaty Act (16 U.S.C. 703 *et seq.*), as are golden eagles. Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near an eagle nest or winter roost area, see our Eagle Permits website at <http://www.fws.gov/midwest/midwestbird/EaglePermits/index.html> to help you determine if you can avoid impacting eagles or if a permit may be necessary.

We appreciate your concern for threatened and endangered species. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Indiana Ecological Services Field Office

620 South Walker Street

Bloomington, IN 47403-2121

(812) 334-4261

Project Summary

Consultation Code: 03E12000-2020-SLI-2773

Event Code: 03E12000-2020-E-10961

Project Name: Carroll Road

Project Type: TRANSPORTATION

Project Description: Eastern Project Area

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/41.191948387036234N85.16334812124265W>



Counties: Allen, IN

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949 Species survey guidelines: https://ecos.fws.gov/ipac/guideline/survey/population/1/office/31440.pdf	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: <ul style="list-style-type: none"> ▪ Incidental take of the NLEB is not prohibited here. Federal agencies may consult using the 4(d) rule streamlined process. Transportation projects may consult using the programmatic process. See www.fws.gov/midwest/endangered/mammals/nleb/index.html Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Project information

NAME

Carroll Road

LOCATION

Allen County, Indiana



DESCRIPTION

Eastern Project Area

Local office

Indiana Ecological Services Field Office

☎ (812) 334-4261

📠 (812) 334-4273

620 South Walker Street
Bloomington, IN 47403-2121

<http://www.fws.gov/midwest/Endangered/section7/s7process/step1.html>

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population, even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Log in to IPaC.
2. Go to your My Projects list.
3. Click PROJECT HOME for this project.
4. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information.
2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME

STATUS

Indiana Bat *Myotis sodalis* Endangered
There is **final** critical habitat for this species. Your location is outside the critical habitat.
<https://ecos.fws.gov/ecp/species/5949>

Northern Long-eared Bat *Myotis septentrionalis* Threatened
This species only needs to be considered if the following condition applies:

- Incidental take of the NLEB is not prohibited here. Federal agencies may consult using the 4(d) rule streamlined process. Transportation projects may consult using the programmatic process. See www.fws.gov/midwest/endangered/mammals/nleb/index.html

No critical habitat has been designated for this species.
<https://ecos.fws.gov/ecp/species/9045>

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Nationwide conservation measures for birds <http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)
<p>Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679</p>	Breeds elsewhere
<p>Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds May 10 to Sep 10
<p>Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds May 10 to Aug 31

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper

Interpretation and Use of Your Migratory Bird Report” before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

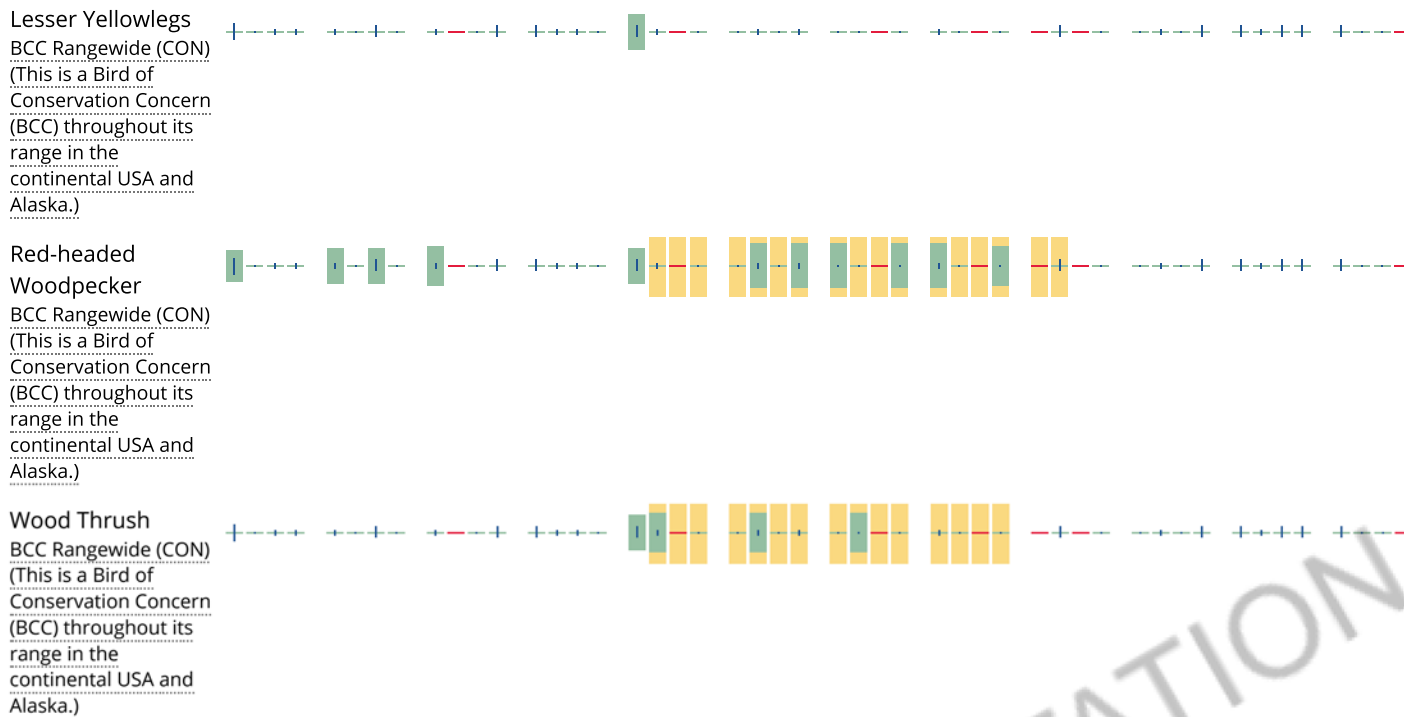
No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) and/or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal

bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

FRESHWATER POND

[PUBG](#)

A full description for each wetland code can be found at the [National Wetlands Inventory website](#)

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

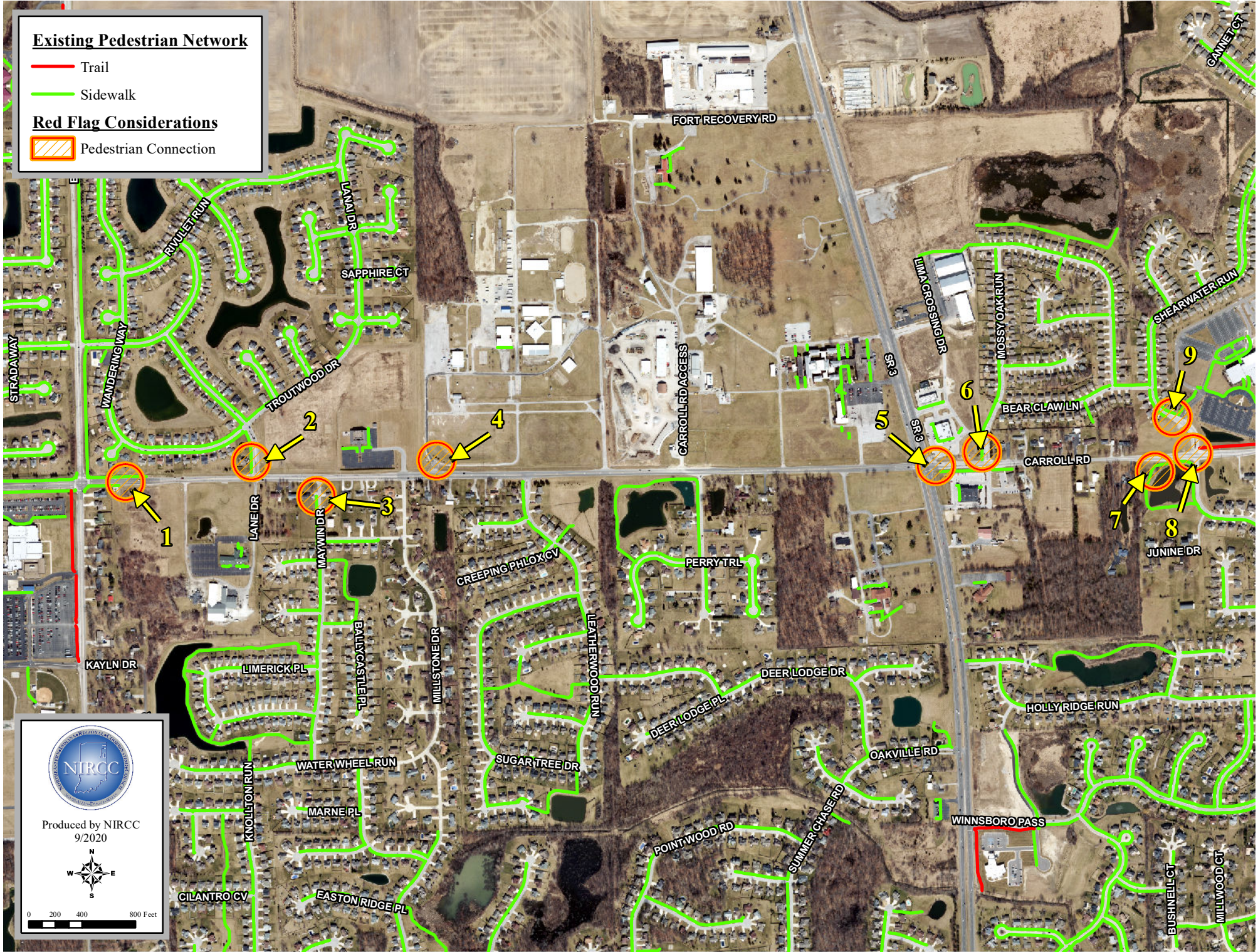
Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Existing Pedestrian Network

- Trail
- Sidewalk

Red Flag Considerations

- Pedestrian Connection



Produced by NIRCC
9/2020

0 200 400 800 Feet

Red Flag Investigation - Utility Contact List
 Carroll Road
 Road Reconstruction
 Town of Hometown, Allen County , Indiana

9/29/2020

Carroll Rd - West Section

500' buffer

Service Area	Contact	Phone	Address
AMERICAN ELECTRIC POWER	J. Jay Marlow	(260) 408 - 3447	
COMCAST CABLE (FORT WAYNE)	John Gayday	(260) 458 - 5107	720 Taylor St. Ft. Wayne, IN 46802 John_Gayday@cable.comcast.com
FORT WAYNE, CITY OF	Matt Gray	(260) 427 - 1136	200 East Berry St RM 210 Fort Wayne, IN 46802-1804 matt.gray@cityoffortwayne.org
FRONTIER			
HUNTERTOWN, TOWN OF	Derek Fredrickson	(260) 490 - 1025	11020 Diebold Rd Fort Wayne, IN 46845 derek@eri.consulting
IN FIBER NETWORK DBA INTELLIGENT FIBER NETWORK	Shawn Wright	(317) 777 - 7119	5520 W. 76th St. Indianapolis, IN 46268 swright@intelligentfiber.com
	Keith Hamm	(317) 777 - 7583	5520 W. 76th St. Indianapolis, IN 46268 khamm@intelligentfiber.com
NIPSCO GAS	Dave Schaafsma	260-439-1315	utilitycoordination@nisource.com
NORTHEASTERN R.E.M.C.	Brad Deutsch	(260) 244 - 6111 x 427	4901 E Park 30 Dr Columbia City, IN 46725 b_deutsch@nremc.com
NORTHWEST ALLEN COUNTY SCHOOLS		260-637-3155	13119 Coldwater Rd Fort Wayne, IN 46845
ZAYO BANDWIDTH	John Senese	(317) 524 - 5711	625 East 11th Street Indianapolis, IN 46202 jsenese@zayo.com

Red Flag Investigation - Utility Contact List
 Carroll Road
 Road Reconstruction
 Town of Hometown, Allen County , Indiana

9/29/2020

Carroll Rd - East Section

500' buffer

Service Area	Contact	Phone	Address
AMERICAN ELECTRIC POWER	J. Jay Marlow	(260) 408 - 3447	
COMCAST CABLE (FORT WAYNE)	John Gayday	(260) 458 - 5107	720 Taylor St. Ft. Wayne, IN 46802 John_Gayday@comcast.com
FORT WAYNE, CITY OF	Matt Gray	(260) 427 - 1136	200 East Berry St RM 210 Fort Wayne, IN 46802-1804 matt.gray@cityoffortwayne.org
FRONTIER			
HUNTERTOWN, TOWN OF	Derek Fredrickson	(260) 490 - 1025	11020 Diebold Rd Fort Wayne, IN 46845 derek@eri.consulting
IN FIBER NETWORK DBA INTELLIGENT FIBER NETWORK	Shawn Wright	(317) 777 - 7119	5520 W. 76th St. Indianapolis, IN 46268 swright@intelligentfiber.com
	Keith Hamm	(317) 777 - 7583	5520 W. 76th St. Indianapolis, IN 46268 khamm@intelligentfiber.com
NIPSCO GAS (ANGOLA)	Dave Schaafsma		utilitycoordination@nisource.com
NORTHEASTERN R.E.M.C.	Brad Deutsch	(260) 244 - 6111 x 427	4901 E Park 30 Dr Columbia City, IN 46725 b_deutsch@nremc.com