



Northeastern Indiana Regional Coordinating Council

200 East Berry Street
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Fort Wayne, Indiana 46802
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Daniel S. Avery,
Executive Director

Date: February 13, 2025

To: Site Assessment & Management (SAM)
Environmental Policy Office - Environmental Services Division (ESD)
Indiana Department of Transportation (INDOT)
100 N Senate Avenue, Room N758-ES
Indianapolis, IN 46204

From: Stacey Gorsuch (on behalf of Wendy Reust at Allen County Highway Department)
Northeastern Indiana Regional Coordinating Council (NIRCC)
200 East Berry Street Suite 230
Fort Wayne, IN 46802
stacey.gorsuch@co.allen.in.us

Re: RED FLAG INVESTIGATION
DES # 2400742, Local Project
Intersection Improvement, Roundabout
Corbin Road & Union Chapel Road intersection
Allen County, Indiana

PROJECT DETAILS

A new roundabout at the intersection of Corbin Road and Union Chapel Road that will include lighting, curb & gutter, storm sewers, sidewalks, box culvert extension and possible trail modifications.

Bridge Work Included in Project: Yes ☐ No ☒ Structure #(s) _____

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

Culvert Work Included in Project: Yes ☒ No ☐ Structure #(s) 114007

Proposed right of way: Temporary ☒ # Acres TBD, Permanent ☒ # Acres TBD, Not Applicable ☐

Type and proposed depth of excavation: Excavation depths are not known at this time. Storm sewers are being installed as a part of this project, but sewers are not anticipated to be deeper than 10 (ten) feet.

Maintenance of traffic (MOT): The intersection will need a full closure, and a detour will be provided to the north from State Road 3 to Gump Road to Coldwater Road and to the south along State Road 3 to Dupont Road to Coldwater Road.

Work in waterway: Yes ☒ No ☐ Below ordinary high-water mark: Yes ☒ No ☐

Anticipated NEPA document level: Level 3 categorical Exclusion (CE-3)

Any other factors influencing recommendations: CE-3 is anticipated due to the likely relocation of one property in the southeast quadrant of the Corbin Road and Union Chapel Road intersection. The project is also expecting to require greater than 0.5 acre of right-of-way.

INFRASTRUCTURE TABLE AND SUMMARY

Infrastructure Indicate the number of items of concern found within the 0.5 mile search radius. If there are no items, please indicate N/A:			
Religious Facilities	1	Recreational Facilities	3
Airports ¹	2	Pipelines	2
Cemeteries	1	Railroads	1
Hospitals	N/A	Trails	10
Schools	4*	Managed Lands	N/A

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

Explanation:

Religious Facilities: One (1) religious facility is located within the 0.5 mile radius. One (1) facility, Fort Wayne Life Bridge Foursquare Church, is within the northwest quadrant of the project area. Coordination with Fort Wayne Life Bridge Foursquare Church will occur.

Airports: Although not located within the 0.5 mile search radius, two (2) public-use airports, Smith Field Airport and Byron Station (Heliport), are mapped within 3.8 miles (20,000 feet) of the project area. Byron Station Helipad, mapped 1.67 miles west of the west termini of the project area, appears to no longer be in use according to the FAA website. Smith Field is located approximately 3.76 miles south of the south termini of the project area; therefore, early coordination for Smith Field with INDOT Aviation will occur.

Cemeteries: One (1) cemetery is located within the 0.5 mile radius. Union Chapel Cemetery is mapped approximately 0.37 mile east of the east termini of the project area. No impact is expected.

Schools:* Four (4) school facilities, three (3) mapped and one (1) unmapped, are located within the 0.5 mile search radius. One (1) school property, Maple Creek Middle School property, is located within the northeast quadrant of the project area. One (1) school facility which is unmapped, Northwest Allen County School's (NACS) Transportation Center, is located approximately 0.05 mile north of the northern termini of the project area. Although this facility is not within the project area, this facility will be affected by the project. Coordination with Northwest Allen County Schools will occur.

Recreational Facilities: Three (3) recreational facilities are located within the 0.5 mile search radius. One (1) recreational facility's property, Maple Creek Middle School property, is located within the northeast quadrant of the project area. Coordination with Northwest Allen County Schools 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 mapped approximately 0.05 mile south of the south termini of the project area. Coordination with Northern Indiana Fuel & Light Co. will occur.

Railroads: One (1) railroad segment is mapped within the 0.5 mile radius. This is an abandoned railroad which has been converted into a trail. The abandoned railroad is mapped approximately 0.20 mile west of the project area. No impact is expected.

Trails: Ten (10) trail segments are located within the 0.5 mile search radius. Three (3) trail segments are located within the project area. Of these three (3) trail segments, two (2) of them should not be mapped and do not exist. The trail segment mapped along the south side of Union Chapel Rd from Corbin Rd to Coldwater Rd is not part of any trail plan for Fort Wayne or Allen County. The trail segment mapped along the east side of Corbin Rd extending south of Union Chapel

Rd is also not part of any trail plan for Fort Wayne or Allen County. One (1) of these trail segments is currently planned and under development and will also be included within the project limits of this project. The trail segment along the north side of Union Chapel Rd from Coldwater Rd to west of Corbin Rd will be affected. Coordination with the Allen County Highway Department will occur.

WATER RESOURCES TABLE AND SUMMARY

Water Resources			
Indicate the number of items of concern found within the 0.5 mile search radius. If there are no items, please indicate N/A:			
Karst Springs	N/A	NWI - Wetlands	37
Canal Structures – Historic	N/A	Lakes	19
NPS NRI Listed	N/A	Floodplain - DFIRM	3
IDEM 303d Listed Streams and Lakes (Impaired)	N/A	Cave Entrance Density	N/A
Rivers and Streams	14	Sinkhole Areas	N/A
Canal Routes - Historic	N/A	Sinking-Stream Basins	N/A

*If unmapped water features are identified that might impact the project area, direct coordination with INDOT Ecology, Waterway Permitting, and Stormwater Office will occur.

Explanation:

Rivers and Streams: Fourteen (14) river/stream segments are located within the 0.5 mile search radius. Two (2) segments are located within the project area. Both segments are associated with the Roy Delagrang Drain which is located on the north side of Union Chapel Rd and crosses the north approach of the Corbin Rd/Union Chapel Rd intersection within the project area and also extends west of the project area. A Waters of the US Report is recommended based on mapped features, and coordination with the appropriate agency, if applicable, will occur.

NWI – Wetlands: Thirty-seven (37) wetland polygons are located within the 0.5 mile search radius. The nearest wetland polygon is located 0.01 mile south of the south termini of the project area. No impact is expected.

Lakes: Nineteen (19) lake polygons are located within the 0.5 mile search radius. The nearest lake polygon is located 0.05 mile southeast of the east termini of the project area. No impact is expected.

Floodplain – DFIRM: Three (3) floodplain polygons are located within the 0.5 mile search radius. The nearest floodplain polygon is located 0.30 mile southeast of the south termini of the project area. No impact is expected.

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. If there are no items, please indicate N/A:			
Petroleum Wells	1	Mineral Resources	N/A
Mines – Surface	N/A	Mines – Underground	N/A

Explanation:

Petroleum Wells: One (1) petroleum well is mapped within the 0.5 mile search radius. A petroleum well operated by Northern Indiana Public Service Company with IGS ID and permit number 133697 is mapped within the project area. The

status of this well is “plugged and abandoned” with abandonment completed in 1963. Further investigation shows that this well is mapped in the wrong location. The actual location is approximately 0.58 mile northeast of the eastern termini of the project area and therefore located outside the 0.5 mile search radius. No impact 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. If there are no items, please indicate N/A:			
Superfund	N/A	Open Dump Waste Sites	N/A
RCRA Generator/ TSD	N/A	Restricted Waste Sites	N/A
RCRA Corrective Action Sites	N/A	Waste Transfer Stations	N/A
State Cleanup Sites	N/A	Tire Waste Sites	N/A
Septage Waste Sites	N/A	Landfill Boundaries	N/A
Underground Storage Tank (UST) Sites	1	Confined Feeding Operations (CFO)	N/A
Voluntary Remediation Program	N/A	Brownfields	N/A
Construction Demolition Waste	N/A	Notice of Contamination Sites	N/A
Solid Waste Landfill	N/A	Institutional Controls	2
Infectious/Medical Waste Sites	N/A	NPDES Facilities	10*
Leaking Underground Storage (LUST) Sites	2	NPDES Pipe Locations	N/A
Manufactured Gas Plant Sites	N/A		

*Unless otherwise noted, site specific details presented in this section were obtained from documents reviewed on the Indiana Department of Environmental Management (IDEM) Virtual File Cabinet (VFC).

Explanation:

Underground Storage Tank (UST) Sites: One (1) UST is located within the 0.5 mile search radius. NACS Transportation Center, 12922 Corbin Rd, AI ID #4605, is mapped along Corbin Rd approximately 40 feet north of Union Chapel Rd. Upon further investigation through IDEM’s Virtual File Cabinet, it was found that this UST was mapped in the wrong location. The actual location is near the southeast corner of the NACS Transportation Center approximately 0.14 mile northeast of the north termini of the project area. The last date of Compliance for this location was documented on 2/7/2024. No impact is expected.

Leaking Underground Storage (LUST) Sites: Two (2) LUST sites are located within the 0.5 mile search radius. The nearest LUST site (Mcintosh Energy Mac Food Mart, AI ID 2412, 12635 Coldwater Road) is mapped approximately 0.33 mile east of the eastern termini of the project area. IDEM issued a NFA on July 24, 2014 although low levels of contamination remain in the soil and groundwater. Contamination includes benzene and naphthalene in the groundwater, and benzene and methyl-tert-butyl-ether (MTBE) in the soil. Please see the Institutional Controls Section for additional information. No impact is expected.

Institutional Controls: Two (2) institutional control facilities are located within the 0.5 mile search radius. The nearest facility (Mcintosh Energy Mac Food Mart, AI ID 2412, 12635 Coldwater Road) is mapped approximately 0.29 mile east of the east termini of the project area. An ERC was recorded on July 10, 2014, restricting residential use, agricultural use and groundwater extraction due to remaining contamination at the site. Please see the LUST Section for more information. No impact is expected.

NPDES Facilities: Ten (10)* NPDES facilities are located within the 0.5 mile search radius. The nearest facility, the Union Chapel Trail, is unmapped within the project area and runs adjacent to Union Chapel Road. Coordination with Lara Dorsett, Allen County Highway Department, phone 219/449-3647, will occur.

ECOLOGICAL INFORMATION SUMMARY

The Allen County listing of the Indiana Natural Heritage Data Center (INHDC) information on endangered, threatened, or rare (ETR) species and high-quality natural communities is provided at (https://www.in.gov/dnr/nature-preserves/files/np_allen.pdf). 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 and recommended no species-specific coordination is required with DNR. However, a data request submitted separately through DNR's INHDC portal indicated there are 2 species within a 0.5 mile radius of the project area, but, specified that if project activities are limited to only within the proposed project area and no additional individuals are observed in appropriate habitat within the project area, no impacts are expected on this occurrence.

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 project area is located in a residential area with some open and wooded land nearby. The April 22, 2020 inspection report for Culvert #CV 02-114007 contains no information about whether bats are present or absent in the culvert. Also, there is no inspection report completed within the last two years. Additional investigation to confirm the presence or absence of bats in the culvert will be necessary. 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".

Evidence of Birds in Bridge/Culvert Report: Yes ☐ No ☒ N/A ☐

*If yes, further coordination with INDOT Ecology, Waterway Permitting, and Stormwater Office may be necessary.

RECOMMENDATIONS SECTION

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

INFRASTRUCTURE:

- Religious Facilities: One (1) religious facility is within the project area. Coordination with Fort Wayne Life Bridge Foursquare Church will occur.
- Airports: One (1) public-use airport, although not mapped within the 0.5 mile search radius, Smith Field Airport, is located within 3.8 miles (20,000 feet) of the project area. Coordination with INDOT Aviation will occur.
- Schools: Two (2) school facilities are within or near the project area. Coordination with Northwest Allen County Schools will occur.
- Recreational Facilities: One (1) recreational facility is located within the project area. Coordination with Northwest Allen County Schools will occur.
- Pipelines: One (1) pipeline is adjacent to the project area. Coordination with Northern Indiana Fuel & Light Co. will occur.
- Trails: One (1) trail is located within the project area. Coordination with the Allen County Highway Department will occur.

WATER RESOURCES:

- Rivers and Streams: Two (2) segments are located within the project area. A Waters of the US Report is recommended based on mapped features, and coordination with the appropriate agency, if applicable, will occur.

MINING/MINERAL EXPLORATION: N/A**HAZARDOUS MATERIAL CONCERNS:**

- NPDES Facilities: One (1)* unmapped facility is located within the project area. The Union Chapel Trail is located within the project area, along Union Chapel Road. Coordination with the Allen County Highway Department will occur.

ECOLOGICAL INFORMATION:

- An April 22, 2020 inspection report for Culvert #CV 02-114007 contains no information about whether bats are present or absent in the culvert. Also, there is no inspection report completed within the last two years. Therefore, additional investigation to confirm the presence or absence of bats in the culvert will be necessary.
- 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".

Prepared by: Stacey Gorsuch (Signature)
Stacey Gorsuch
Principal Transportation Planner
Northeastern Indiana Regional Coordinating Council (NIRCC)

INDOT ESD concurrence: _____ (Signature)

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. If there is not a section map included, please change the YES to N/A:

SITE LOCATION: YES

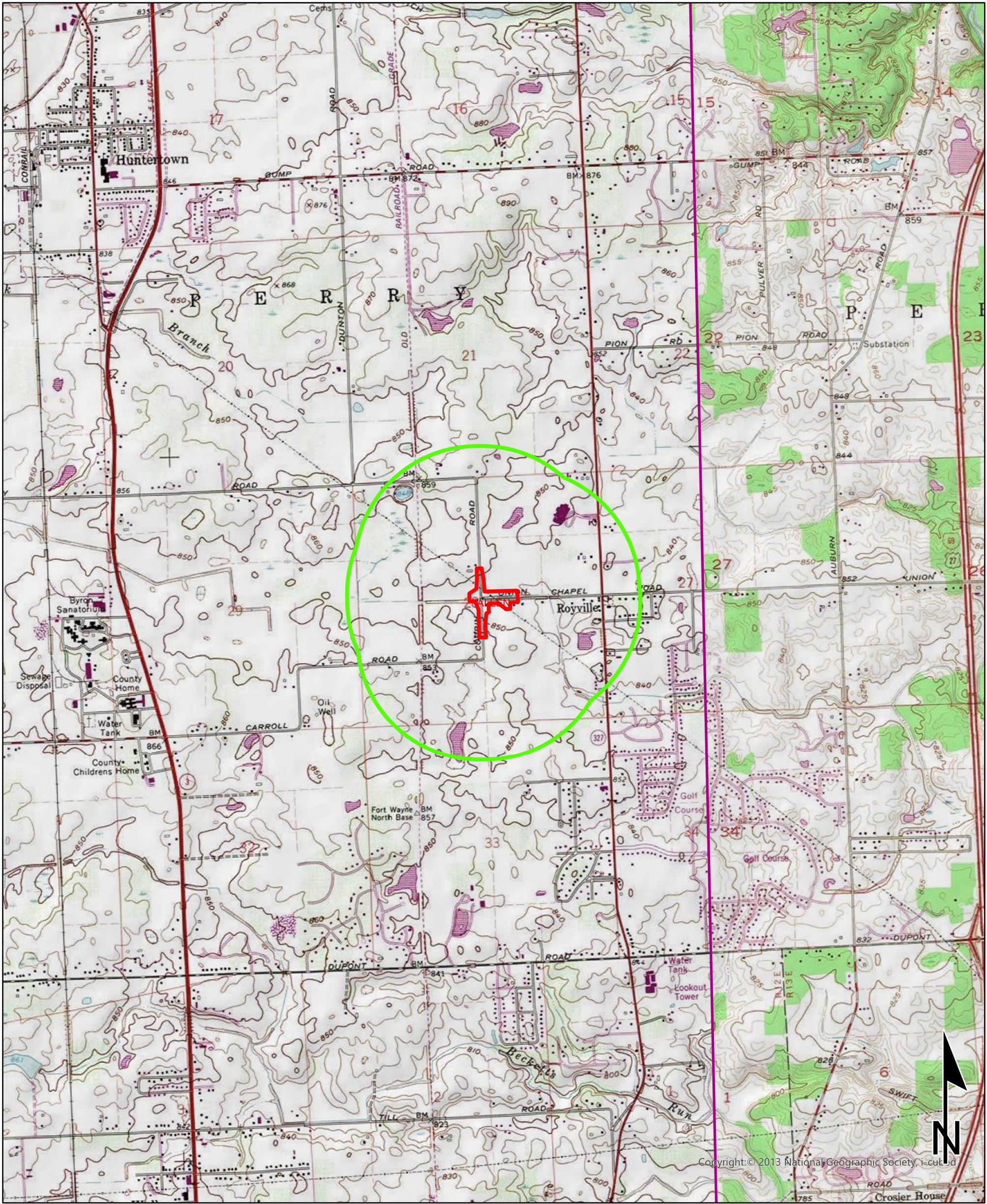
INFRASTRUCTURE: YES

WATER RESOURCES: YES

MINING/MINERAL EXPLORATION: YES

HAZARDOUS MATERIAL CONCERNS: YES

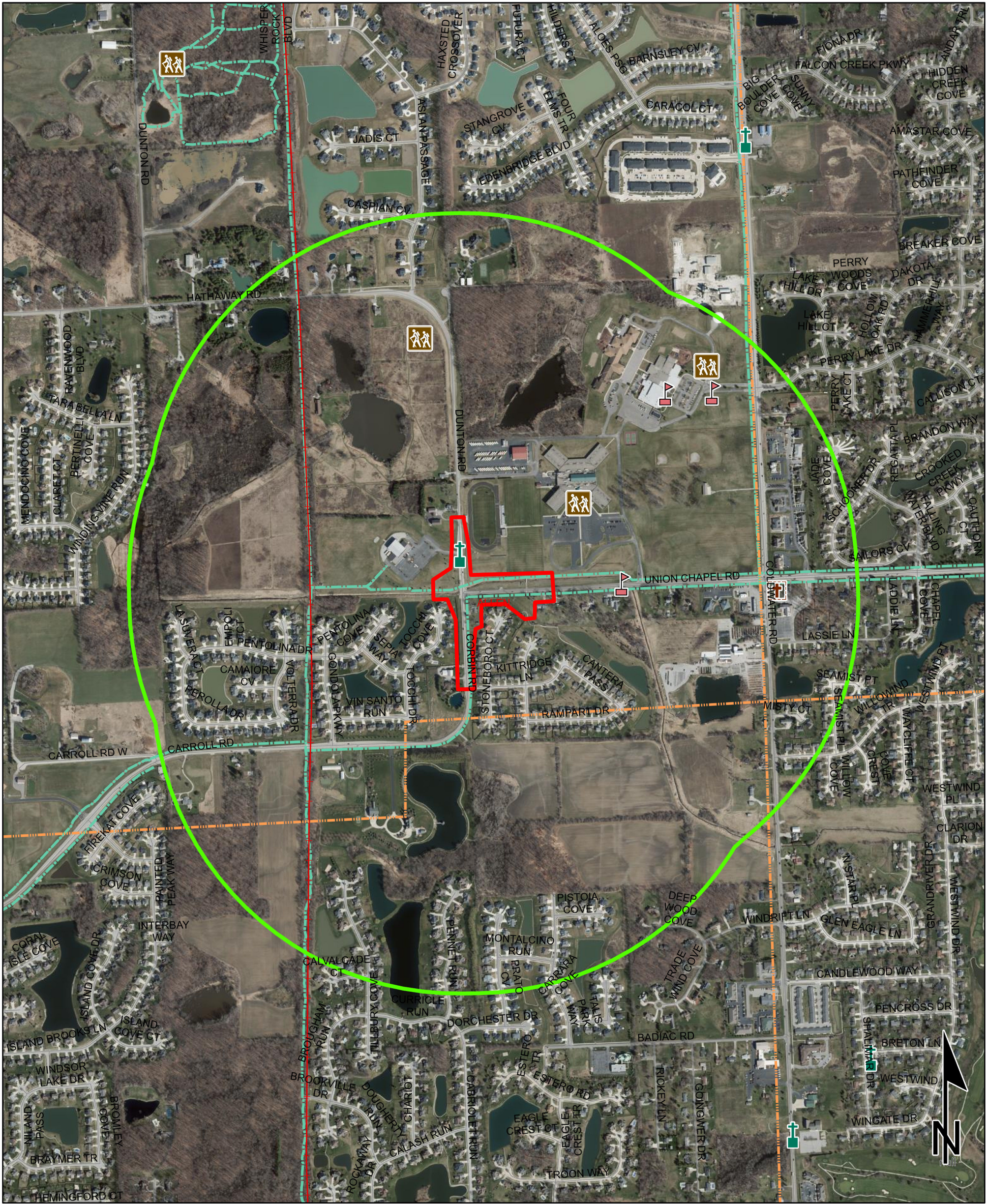
Red Flag Investigation - Site Location Map
Corbin Road & Union Chapel Road Intersection
Des. No. 2400742, Intersection Improvement, Roundabout
Allen County, Indiana



Sources: 0.45 0.23 0 0.45 Miles
Non Orthophotography
Data - Obtained from the State of Indiana Geographical Information Office Library
Orthophotography - Obtained from Indiana Map Framework Data (www.indianamap.org)
Map Projection: UTM Zone 16 N **Map Datum:** NAD83
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)

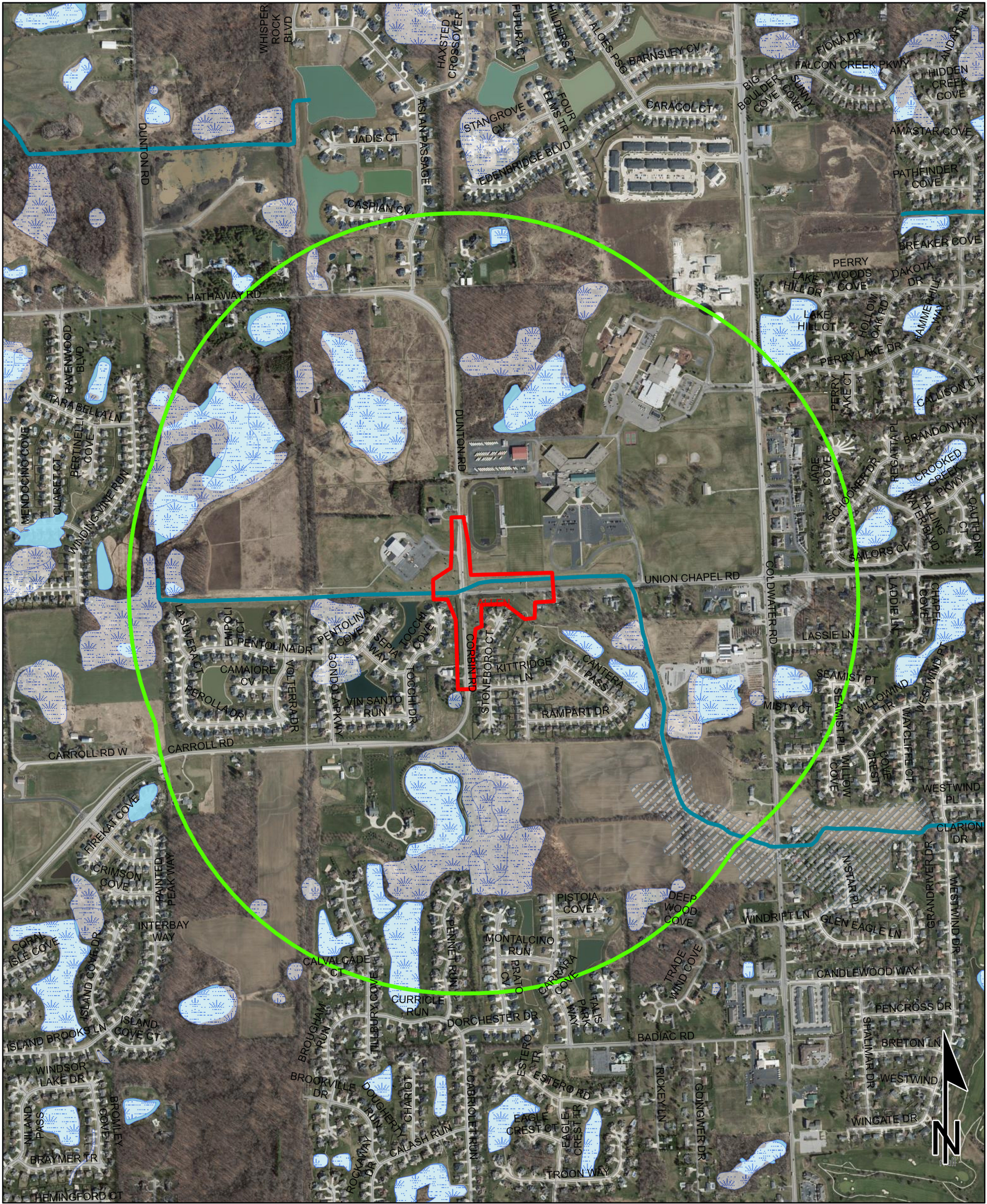
Red Flag Investigation - Infrastructure
Corbin Road & Union Chapel Road Intersection
Des. No. 2400742, Intersection Improvement, Roundabout
Allen County, Indiana



Sources: 0.15 0.07 0 0.15 Miles
Non Orthophotography
Data - Obtained from the State of Indiana Geographical Information Office Library
Orthophotography - Obtained from Indiana Map Framework Data (www.indianamap.org)
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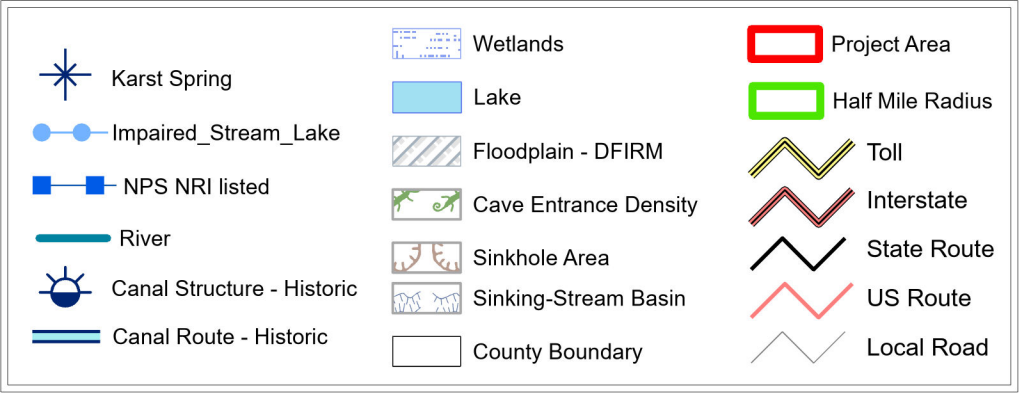
	Religious Facility		Recreation Facility		Project Area
	Airport		Pipeline		Half Mile Radius
	Cemeteries		Railroad		Toll
	Hospital		Trails		Interstate
	School		Managed Lands		State Route
			County Boundary		US Route
					Local Road

Red Flag Investigation - Water Resources
Corbin Road & Union Chapel Road Intersection
Des. No. 2400742, Intersection Improvement, Roundabout
Allen County, Indiana

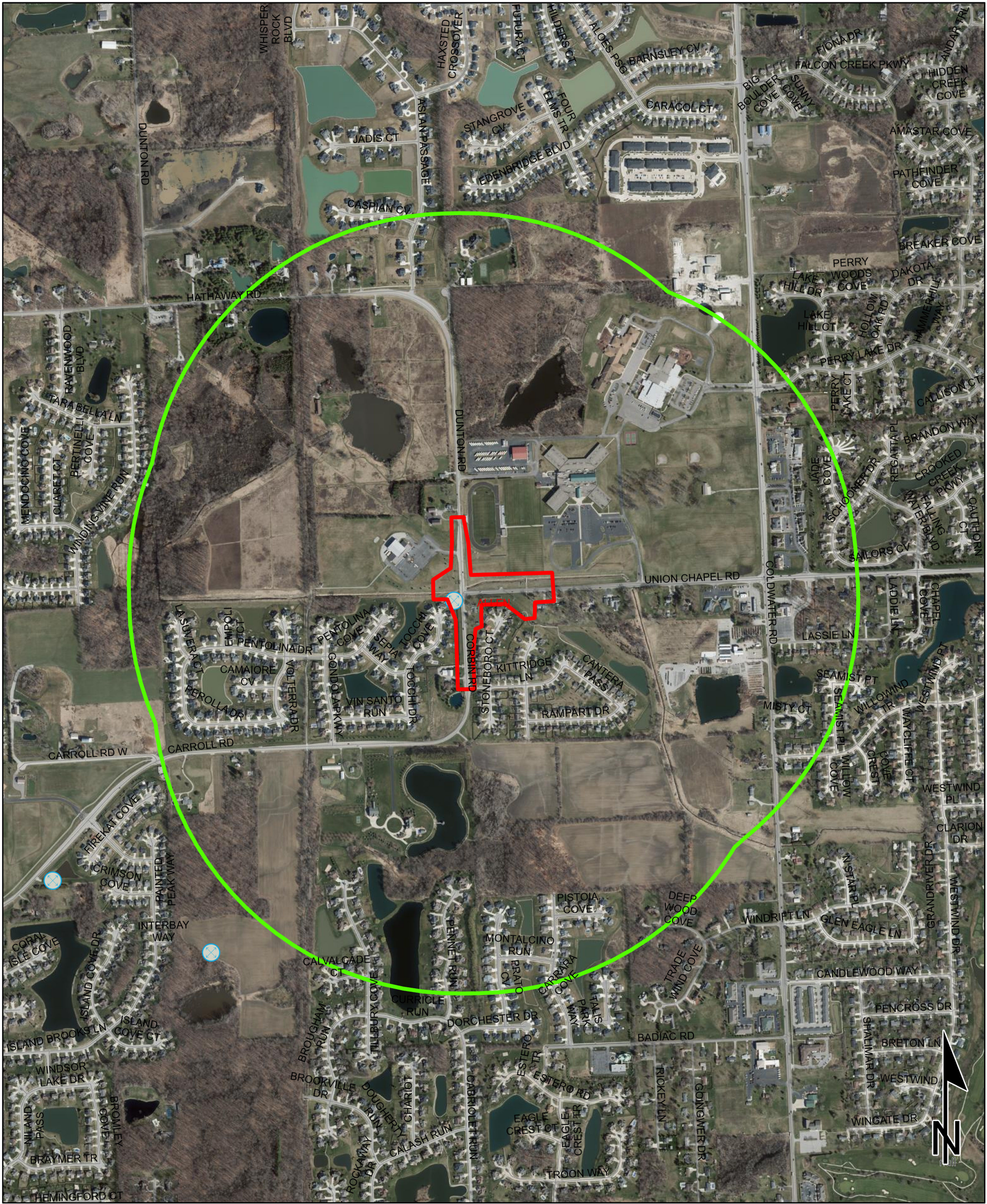


Sources:
Non Orthophotography
Data - Obtained from the State of Indiana Geographical Information Office Library
Orthophotography - Obtained from Indiana Map Framework Data (www.indianamap.org)
Map Projection: UTM Zone 16 N Map Datum: NAD83

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Red Flag Investigation - Mining/Mineral Exploration
Corbin Road & Union Chapel Road Intersection
Des. No. 2400742, Intersection Improvement, Roundabout
Allen County, Indiana



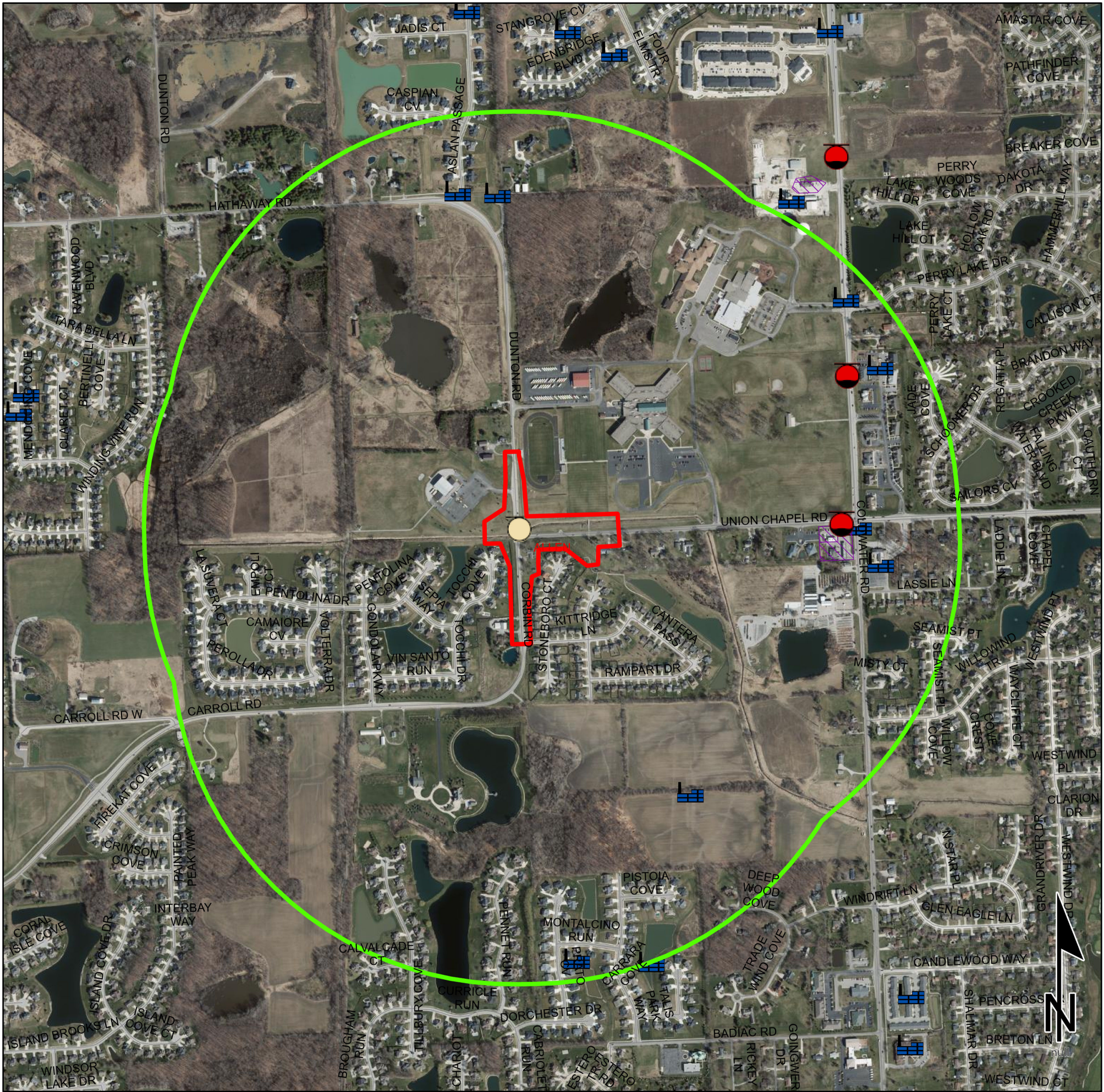
0.15 0.07 0 0.15 Miles

Sources:
Non Orthophotography
Data - Obtained from the State of Indiana Geographical Information Office Library
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Oil and Gas Wells	County Boundary	Toll
Mineral Resources	Project Area	Interstate
Mine - Surface	Half Mile Radius	State Route
Mine - Underground		US Route
		Local Road

Red Flag Investigation - HazMat Concerns
Corbin Road & Union Chapel Road Intersection
Des. No. 2400742, Intersection Improvement, Roundabout
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		