

**Categorical Exclusion**

**Appendix E**

**Red Flag and Hazardous Materials**



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Date: December 15, 2016

To: Hazardous Materials Unit  
Environmental Services  
Indiana Department of Transportation  
100 North Senate Avenue, Room N642  
Indianapolis, Indiana 46204

From: Jaime Byerly  
RQAW Corporation  
10401 North Meridian Street; Suite 400  
Indianapolis, Indiana 46290  
[jbyerly@rqaw.com](mailto:jbyerly@rqaw.com)

Re: RED FLAG INVESTIGATION  
DES Number: 1400760  
236<sup>th</sup> Street Improvement Project  
Along 236 Street from US 31 west for approximately 2.2 miles  
Sheridan, Hamilton County, Indiana

## **NARRATIVE**

The project is sponsored by Hamilton County and the Federal Highway Administration (FHWA). The project is located on 236<sup>th</sup> Street and begins just east of the bridge carrying 236<sup>th</sup> Street over Teter Branch (2.2 miles west of US 31) and extends east until it intersects with US 31. Land use is primarily agricultural and residential. In its entirety, 236<sup>th</sup> Street runs in a west-east direction from Sheridan to Cicero. The roadway consists of one 11-foot travel lane and one 2-foot shoulder in each direction. The roadway is the main corridor between Sheridan and Cicero and does not allow for safe travel of trucks and cars in the opposing direction. Intersection sight distance is inadequate at all intersections. In addition, the expansion of US 31 and construction of the interchange at 236<sup>th</sup> Street is expected to increase through traffic within the corridor.

The purpose of the project is to extend the life of 236<sup>th</sup> Street and improve the safety of the roadway by creating 15-foot travel lanes and 4-foot useable (3-foot paved) shoulders in each direction. The widened travel lane will allow for 236<sup>th</sup> Street to be signed as a designated bike route. In order to limit impacts within the Bakers Corner, 12-foot travel lanes and curb with 2-foot curb offset will be provided. A storm sewer will also be constructed there. New ditches will be constructed where there is a suitable outlet; however, it is anticipated that the existing drainage pattern will be maintained in several areas because there are limited locations to outlet concentrated drainage within the corridor. The intersection with US 31 will only be milled and resurfaced due construction of the future interchange.

The maintenance of traffic (MOT) plan will close the roadway to through traffic. To reduce impacts, the project will be constructed in three segments: (1) project begin east to Oak Ridge Road--1.1 mile, (2) Oak Ridge Road east to Dunbar Road--0.50 mile and (3) Dunbar Road east to US 31--0.50 mile. Permanent and temporary right-of-way will be required

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because the existing right-of-way is edge of pavement. It is anticipated that 47 parcels will be impacted. Estimated construction cost is \$5,465,000.

**SUMMARY**

<b>Infrastructure</b>			
Indicate the number of items of concern found within ½ mile, including an explanation why each item within the ½ mile radius will/will not impact the project. If there are no items, please indicate N/A:			
Religious Facilities	*1	Recreational Facilities	NA
Airports	N/A	Pipelines	1
Cemeteries	1	Railroads	N/A
Hospitals	N/A	Trails	1
Schools	N/A	Managed Lands	N/A

Religious Facilities: \*Per Google Maps, the Bakers Corner Wesleyan Church is located approximately 0.10 mile west of the 236<sup>th</sup> Street/Dunbar Road Intersection. Coordination with the church will occur.

Cemeteries: One cemetery is mapped within the north-central portion of the Red Flag Investigation (RFI) half-mile radius investigation area. The Spicewood Cemetery is approximately 0.2 mile northeast of the Teter Ditch crossing. Per the topographic map and site visit, the Bakers Corner Cemetery is located north of the 236<sup>th</sup> Street/Dunbar Road Intersection. Both cemeteries are greater than 100 feet from proposed project limits. Impacts to cemeteries are not anticipated.

Pipelines: One natural gas pipeline is mapped within the south-central portion of the RFI half-mile radius investigation area. The pipeline is approximately 0.05 mile south of 236<sup>th</sup> Street. Impacts to pipelines are not anticipated.

Trails: One trail (managed by the Hamilton County Planning Commission) is mapped within the RFI half-mile radius investigation area. The potential trail is adjacent to 236<sup>th</sup> Street from Sheridan to Cicero. Because the trail may be a Section 4(f) resource, coordination with the Hamilton County Planning Commission will occur throughout the design process.

<b>Water Resources</b>			
Indicate the number of items of concern found within ½ mile, including an explanation why each item within the ½ mile radius will/will not impact the project. If there are no items, please indicate N/A:			
NWI - Points	2	NWI - Wetlands	14
Karst Springs	N/A	IDEM 303d Listed Lakes	N/A
Canal Structures – Historic	N/A	Lakes	7
NWI - Lines	N/A	Floodplain - DFIRM	3
IDEM 303d Listed Rivers and Streams (Impaired)	N/A	Cave Entrance Density	N/A
Rivers and Streams	3	Sinkhole Areas	N/A
Canal Routes - Historic	N/A	Sinking-Stream Basins	N/A
Urbanized Area Boundary (UAB)	N/A		

**NWI – Points:** Two National Wetlands Inventory (NWI) points are mapped within the western RFI half-mile radius investigation area. The closest wetland point is approximately 0.25 mile southwest of the western project terminus and is associated with Teter Ditch. No impact is expected.

**Rivers and Streams:** Three streams are mapped within the western and eastern portions of the RFI half-mile radius investigation area. Streams include: Teter Ditch, Baker Ditch and Hinkle Creek. Per site visits conducted by an RQAW ecologist, four streams are within the project limits. Streams include: William Baker Drain, CB Jones Arm of the William Baker Drain, unnamed tributary (UNT) 3 and Teter Branch Legal Drain. Impacts to William Baker Drain and CB Jones Arm of Baker Drain will likely occur. A *Waters of the US Determination Report* will be completed and permits may be required through the US Army Corps of Engineers (USACE) and the Indiana Department of Environmental Management (IDEM) Office of Water Quality.

**NWI – Wetlands:** Fourteen NWI wetland polygons are mapped throughout the RFI half-mile radius investigation area. Most are associated with Teter Ditch, Baker Ditch and Hinkle Creek. Per site visits conducted by an RQAW ecologist, two wetlands are within or adjacent to the project limits. One surface water (farm pond) is present in the western project area, approximately 140 feet north of 236<sup>th</sup> Street. The pond is outside the project limits; therefore, no impact is expected. A wetland is located north of 236<sup>th</sup> Street, approximately 45 feet west of William Baker Drain; it is adjacent to a constructed berm. Impacts to this wetland will likely occur. A *Waters of the US Determination Report* will be completed and permits may be required through the USACE and the IDEM.

**Lakes:** Seven lakes are mapped throughout the RFI half-mile radius investigation area. Most are associated with Teter Ditch, Baker Ditch and Hinkle Creek. The closest lake is the farm pond described above in “NWI—Wetlands.” The pond is outside the project limits. No impact is expected.

**Floodplain – DFIRM:** Three floodplains are mapped within the western and eastern portions of the RFI half-mile radius investigation area. They are associated with Teter Ditch, Baker Ditch and Hinkle Creek. Both Teter Ditch and Hinkle Creek’s floodplains are adjacent to the project limits. A determination will be made as to whether or not the project is exempt from floodplain regulations per IDNR guidelines.

The project is located outside the Karst Memorandum of Understanding (MOU) Potential Karst Features Region. The project is also outside an Urbanized Area Boundary (UAB).

<b>Mining/Mineral Exploration</b>			
Indicate the number of items of concern found within ½ mile, including an explanation why each item within the ½ mile radius will/will not impact the project. If there are no items, please indicate N/A:			
Petroleum Wells	2	Petroleum Fields	1
Mines – Surface	N/A	Mines – Underground	N/A

**Petroleum Wells:** Two petroleum wells are mapped within the northern portion of the RFI half-mile radius investigation area. The closest well is approximately 0.10 mile north of 236<sup>th</sup> Street. Impacts to petroleum wells are not anticipated.

**Petroleum Fields:** The entire project area is mapped within a petroleum field. Impacts to petroleum fields are not anticipated.

<b>Hazmat Concerns</b>			
Indicate the number of items of concern found within ½ mile, including an explanation why each item within the ½ mile radius will/will not impact the project. If there are no items, please indicate N/A:			
Brownfield Sites	N/A	Restricted Waste Sites	N/A
Corrective Action Sites (RCRA)	N/A	Septage Waste Sites	N/A
Confined Feeding Operations	N/A	Solid Waste Landfills	N/A
Construction Demolition Waste	N/A	State Cleanup Sites	N/A
Industrial Waste Sites (RCRA Generators)	N/A	Tire Waste Sites	N/A
Infectious/Medical Waste Sites	N/A	Waste Transfer Stations	N/A
Lagoon/Surface Impoundments	N/A	RCRA Waste Treatment, Storage, and Disposal Sites (TSDs)	N/A
Leaking Underground Storage Tanks (LUSTs)	N/A	Underground Storage Tanks	1
Manufactured Gas Plant Sites	N/A	Voluntary Remediation Program	N/A
NPDES Facilities	1	Superfund	N/A
NPDES Pipe Locations	1	Institutional Control Sites	N/A
Open Dump Sites	N/A		

Underground Storage Tanks: One underground storage tank (UST) is mapped within the eastern portion of the RFI half-mile radius investigation area. The UST, Speedway #8028, is located in the northwest corner of the 236<sup>th</sup> Street/US 31 Intersection. The March 24, 2015, IDEM inspection indicated the facility was in compliance with equipment, operating and maintenance requirements set forth in Indiana's UST Rule 329 IAC 9. No impact is expected.

NPDES Facilities: One National Pollutant Discharge Elimination System (NPDES) facility is mapped within the eastern portion of the RFI half-mile radius investigation area. The NPDES facility is associated with the Speedway #8028 located at the northwest corner of the 236<sup>th</sup> Street/US 31 Intersection. Coordination will occur with Speedway to ensure this facility is not impacted.

NPDES Pipe Locations: One NPDES pipe is mapped within the eastern portion of the RFI half-mile radius investigation area. The NPDES pipe is associated with the Speedway #8028 located at the northwest corner of the 236<sup>th</sup> Street/US 31 Intersection. Coordination will occur with Speedway to ensure this pipe is not impacted.

**Ecological Information**

The Hamilton 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. Coordination with the US Fish and Wildlife Service (USFWS) and the Indiana Department of Natural Resources (IDNR) will be conducted via early coordination to determine if any listed species and/or habitats may be impacted.

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 rural area surrounded by farm fields and houses. The project will not involve any bridge work. The project will involve work to the culvert associated with William Baker Drain. A review of the Indiana Bridge Inspection Application System (BIAS) on December 14, 2016, yielded no information on this culvert. Per site visits conducted on March 11, 2016, and August 26, 2016, by an RQAW ecologist, no bats or evidence of bats (guano, staining, odor, sounds) were observed within or near the structure. No suitable habitat was observed within the project area. Preparation of the Scoping Sheet for the Indiana Bat and Northern Long-Eared Bat Range-Wide Programmatic Information Consultation will be necessary.

## Cultural Resources

The *National Register of Historic Places* (NRHP) and the *Indiana Register of Historic Sites and Structures* (State Register) were checked using the *State Historic Architectural and Archaeological Research Database* (SHAARD) and SHAARD GIS. No resources are listed on the NRHP or State Register near the project area. The *Indiana Historic Sites and Structures Inventory* (IHSSI) Hamilton Marion County Interim Report (1992) data was examined. The Interim Report identified nine properties near the project area, three of which were found to be no longer extant during a field visit on March 11, 2016. The cemetery registry was also consulted using SHAARD and SHAARD GIS. The Spicewood Cemetery and the Bakers Corner Cemetery were identified near the project area. The *Indiana Historic Bridge Inventory Volume 2: Listing of Historic and Non-Historic Bridges* (February 2009) by Mead and Hunt was also reviewed. No bridges eligible for listing in the NRHP were identified near the project area.

RQAW Corporation conducted a field visit to document any impacts to historic resources. RQAW Corporation will complete the appropriate Section 106 coordination with the INDOT Cultural Resources Office and the IDNR Department of Historic Preservation and Archaeology to address the Section 106 and Section 4(f) criteria.

## RECOMMENDATIONS

**INFRASTRUCTURE:** Because the 236<sup>th</sup> Street trail may be a Section 4(f) resource, coordination with the Hamilton County Planning Commission will occur. Bakers Corner Wesleyan Church is located approximately 0.10 mile west of the 236<sup>th</sup> Street/Dunbar Road Intersection. Coordination with the church will occur.

**WATER RESOURCES:** A *Waters of the U.S. Determination Report* will be completed and permits may be required through the USACE and the IDEM due to the presence of the following water resources: (1) four streams: William Baker Drain, CB Jones Arm of the William Baker Drain, UNT 3 and Teter Branch Legal Drain; (2) one wetland located north of 236<sup>th</sup> Street, approximately 45 feet west of William Baker Drain; (3) two floodplains: Teter Ditch and Hinkle Creek's floodplains are adjacent to the project limits. A determination will be made as to whether or not the project is exempt from floodplain regulations per IDNR guidelines.

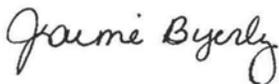
**MINING/MINERAL EXPLORATION:** N/A

**HAZMAT CONCERNS:** One NPDES facility and pipe are associated with the Speedway #8028 located at the northwest corner of 236<sup>th</sup> Street/US 31 Intersection. Coordination will occur with Speedway to ensure this facility and pipe is not impacted.

**ECOLOGICAL INFORMATION:** Coordination with the USFWS and the IDNR will be conducted via early coordination to determine if any listed species and/or habitats may be impacted. Preparation of the Scoping Sheet for the Indiana Bat and Northern Long-Eared Bat Range-Wide Programmatic Information Consultation will be necessary.

**CULTURAL RESOURCES:** RQAW Corporation conducted a field visit to document any impacts to historic resources. RQAW Corporation will complete the appropriate Section 106 coordination with the INDOT Cultural Resources Office and the IDNR Department of Historic Preservation and Archaeology to address the Section 106 and Section 4(f) criteria.

Prepared by:



Jaime Byerly  
RQAW Corporation

Marlene Mathas

Digitally signed by Marlene Mathas  
DN: cn=Marlene Mathas, o=INDOT  
Environmental Services, ou=Hazardous  
Materials, email=mmathas@indot.in.gov, c=US  
Date: 2016.12.15 10:54:11 -05'00'

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**Graphics:**

A map for each report section with a ½ mile 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:

GENERAL SITE MAP SHOWING PROJECT AREA: YES

Maps were omitted to avoid duplication. See maps in Appendix B of this CE.

INFRASTRUCTURE: YES

WATER RESOURCES: YES

MINING/MINERAL EXPLORATION: YES

HAZMAT CONCERNS: YES

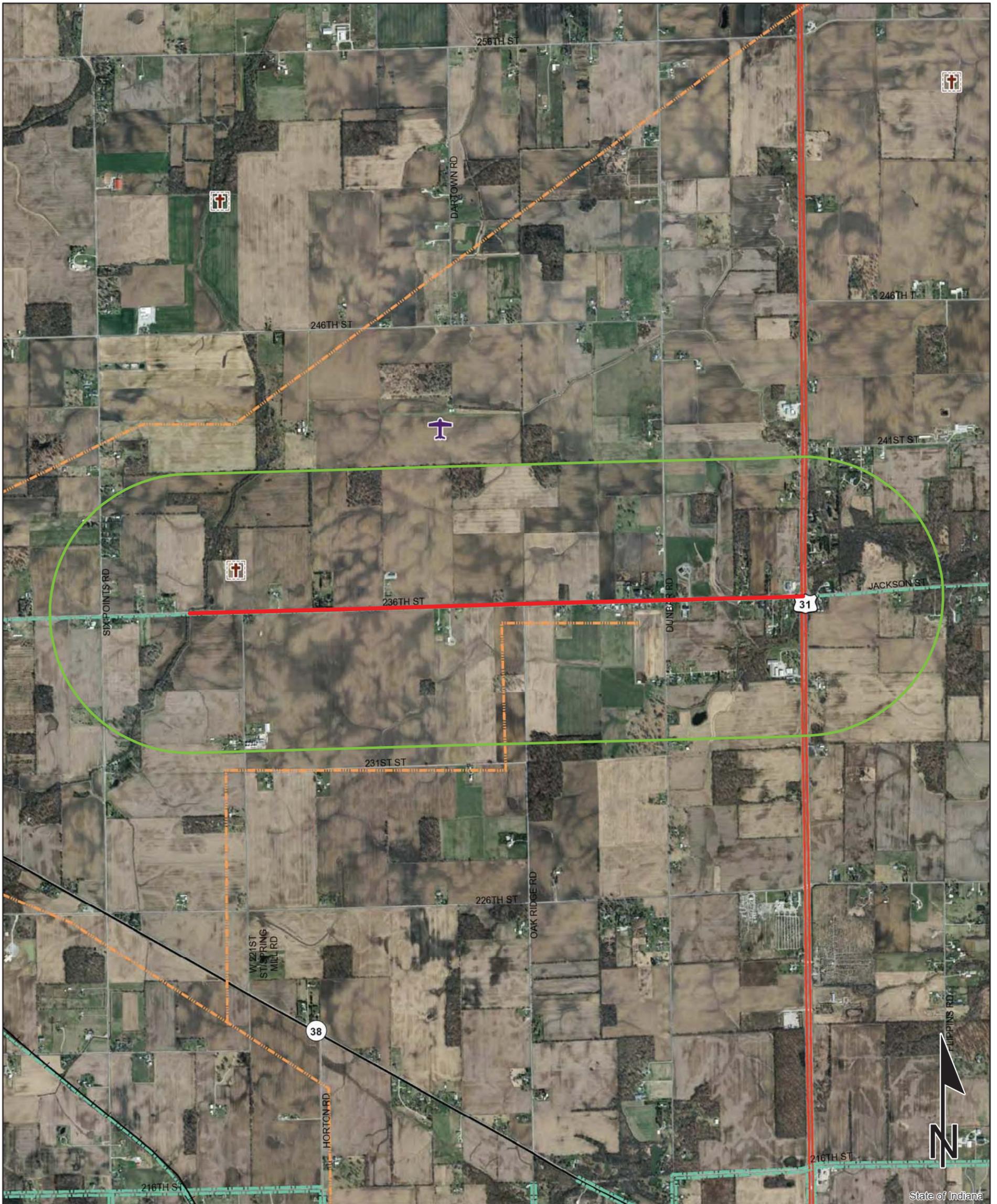
UNITED STATES GEOLOGICAL SURVEY (USGS) TOPOGRAPHIC MAP: YES

COUNTY LISTING OF THE INDIANA NATURAL HERITAGE DATA CENTER: YES

# Red Flag Investigation - Infrastructure

## 236th Street Improvement Project

DES Number: 1400760  
Hamilton 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](http://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.**



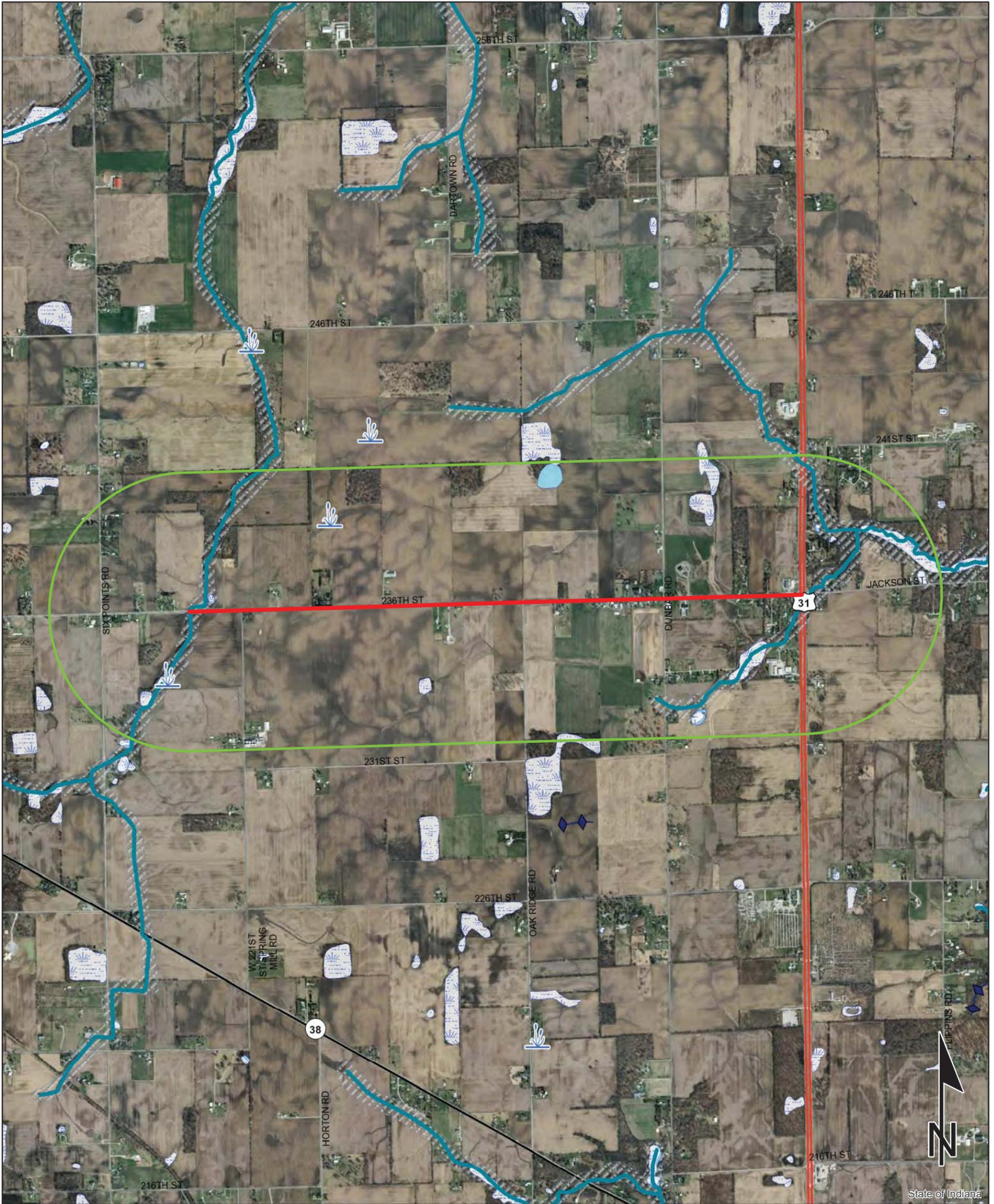
	Religious Facility		Recreation Facility		Project Area
	Religious Facility Indiana Map		Pipeline		Half Mile Radius
	Airport		Railroad		Interstate
	Cemeteries		Trails		State Route
	Hospital		Managed Lands		US Route
	School		County Boundary		Local Road

# Red Flag Investigation - Water Resources

## 236th Street Improvement Project

### DES Number: 1400760

### Hamilton 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](http://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.**



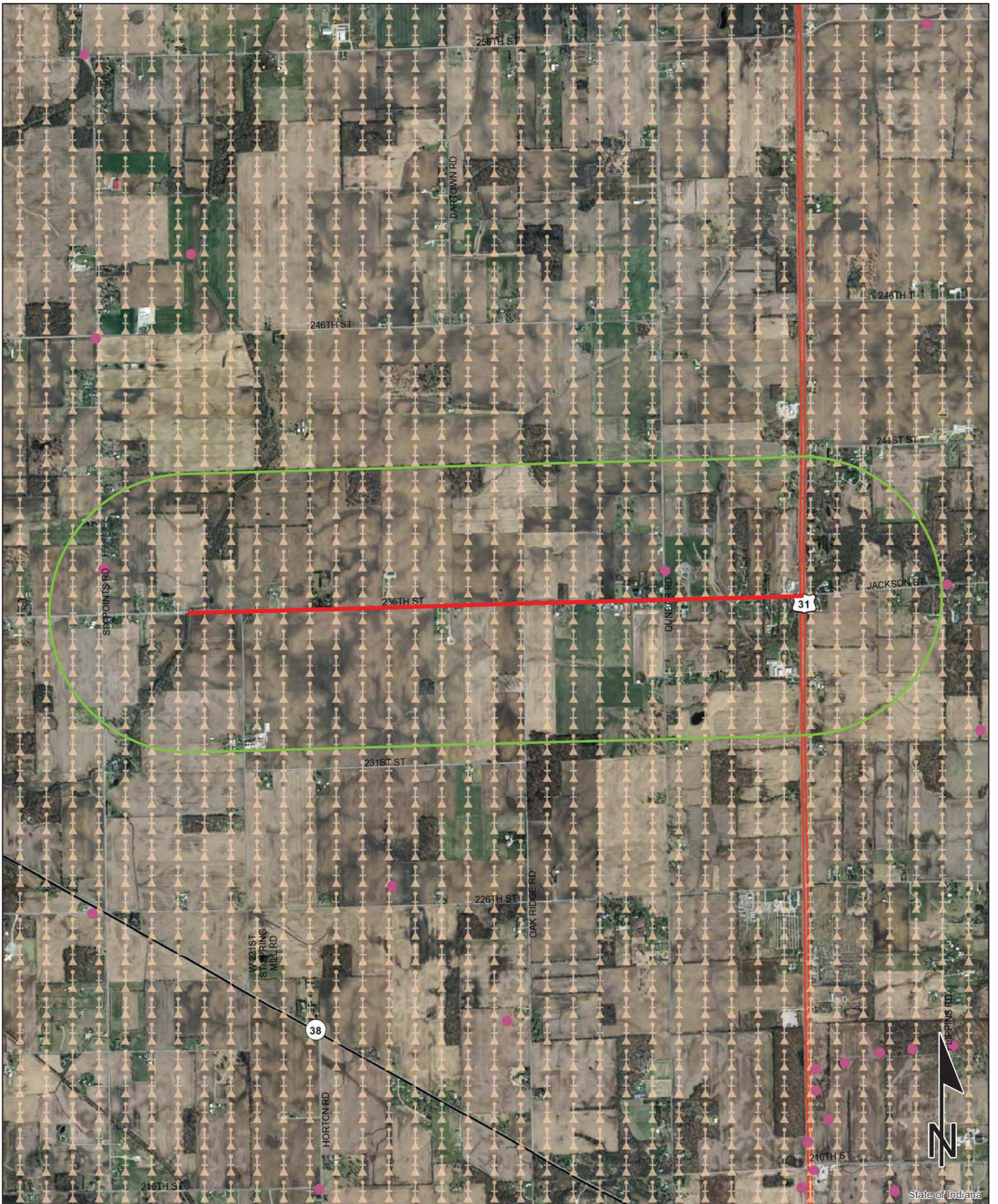
	NWI - Point		Wetlands		Project Area
	Karst Spring		Lake - Impaired		Half Mile Radius
	Canal Structure - Historic		Lake		Interstate
	NWI - Line		Floodplain - DFIRM		State Route
	Stream - Impaired		Cave Entrance Density		US Route
	NPS NRI listed		Sinkhole Area		Local Road
	River		Sinking-Stream Basin	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

# Red Flag Investigation - Mining/Mineral Exploration

## 236th Street Improvement Project

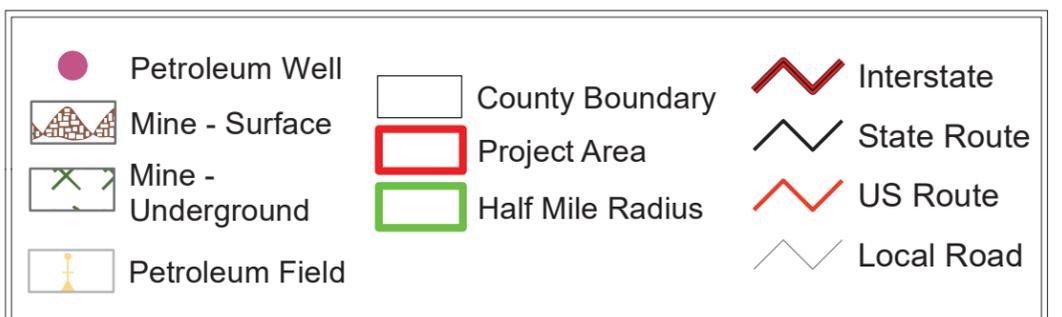
### DES Number: 1400760

### Hamilton 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](http://www.indianamap.org))  
**Map Projection:** UTM Zone 16 N **Map Datum:** NAD83

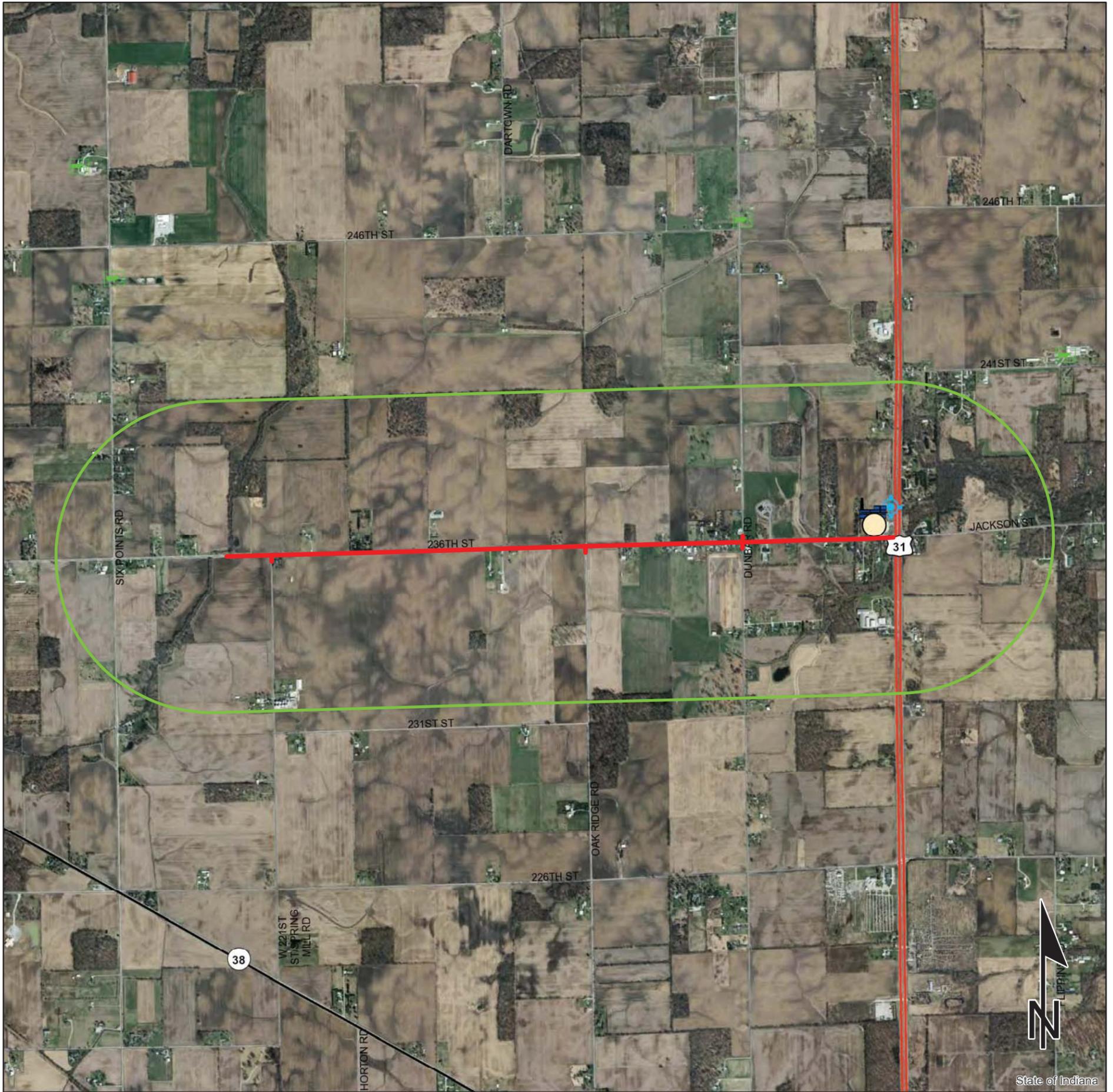
**This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.**



# Red Flag Investigation - HazMat Concerns

## 236th Street Improvement Project

DES Number: 1400760  
Hamilton 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
	Construction/Demolition Site		Solid Waste Landfill		Half Mile Radius
	Infectious/Medical Waste Site		State Cleanup Site		Interstate
	Leaking Underground Storage Tank		Superfund		State Route
	Manufactured Gas Plant		Tire Waste Site		US Route
	NPDES Facilities		Underground Storage Tank		Local Road
	NPDES Pipe Locations		Voluntary Remediation Program		
	Open Dump Waste Site		Waste Transfer Station		



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  
**Orthophotography** - Obtained from Indiana Map Framework Data ([www.indianamap.org](http://www.indianamap.org))  
**Map Projection:** UTM Zone 16 N **Map Datum:** NAD83

## Indiana County Endangered, Threatened and Rare Species List

### County: Hamilton

Species Name	Common Name	FED	STATE	GRANK	SRANK
<b>Mollusk: Bivalvia (Mussels)</b>					
<b>Epioblasma torulosa rangiana</b>	<b>Northern Riffleshell</b>	LE	SE	G2T2	SX
<b>Epioblasma triquetra</b>	<b>Snuffbox</b>	LE	SE	G3	S1
Lampsilis fasciola	Wavyrayed Lampmussel		SSC	G5	S3
Ligumia recta	Black Sandshell			G4G5	S2
<b>Obovaria subrotunda</b>	<b>Round Hickorynut</b>		SE	G4	S1
<b>Plethobasus cyphus</b>	<b>Sheepnose</b>	LE	SE	G3	S1
<b>Pleurobema clava</b>	<b>Clubshell</b>	LE	SE	G1G2	S1
Ptychobranhus fasciolaris	Kidneyshell		SSC	G4G5	S2
<b>Quadrula cylindrica cylindrica</b>	<b>Rabbitsfoot</b>	LT	SE	G3G4T3	S1
Toxolasma lividus	Purple Lilliput		SSC	G3Q	S2
Venustaconcha ellipsiformis	Ellipse		SSC	G4	S2
<b>Villosa fabalis</b>	<b>Rayed Bean</b>	LE	SE	G2	S1
Villosa lienosa	Little Spectaclecase		SSC	G5	S3
<b>Insect: Odonata (Damselflies)</b>					
Enallagma divagans	Turquoise Bluet		SR	G5	S3
<b>Amphibian</b>					
Acris blanchardi	Northern Cricket Frog		SSC	G5	S4
Lithobates pipiens	Northern Leopard Frog		SSC	G5	S2
Necturus maculosus	Common mudpuppy		SSC	G5	S2
<b>Reptile</b>					
<b>Clemmys guttata</b>	<b>Spotted Turtle</b>		SE	G5	S2
<b>Sistrurus catenatus catenatus</b>	<b>Eastern Massasauga</b>	C	SE	G3G4T3Q	S2
<b>Bird</b>					
<b>Bartramia longicauda</b>	<b>Upland Sandpiper</b>		SE	G5	S3B
Buteo lineatus	Red-shouldered Hawk		SSC	G5	S3
Certhia americana	Brown Creeper			G5	S2B
<b>Dendroica cerulea</b>	<b>Cerulean Warbler</b>		SE	G4	S3B
Haliaeetus leucocephalus	Bald Eagle		SSC	G5	S2
<b>Ixobrychus exilis</b>	<b>Least Bittern</b>		SE	G5	S3B
<b>Lanius ludovicianus</b>	<b>Loggerhead Shrike</b>		SE	G4	S3B
<b>Nycticorax nycticorax</b>	<b>Black-crowned Night-heron</b>		SE	G5	S1B
Thryomanes bewickii	Bewick's Wren			G5	S1B
<b>Mammal</b>					
Taxidea taxus	American Badger		SSC	G5	S2
<b>Vascular Plant</b>					
<b>Armoracia aquatica</b>	<b>Lake Cress</b>		SE	G4?	S1
Chelone obliqua var. speciosa	Rose Turtlehead		WL	G4T3	S3
Drosera intermedia	Spoon-leaved Sundew		SR	G5	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: Hamilton

Species Name	Common Name	FED	STATE	GRANK	SRANK
<b>Platanthera leucophaea</b>	<b>Prairie White-fringed Orchid</b>	<b>LT</b>	<b>SE</b>	G2G3	S1
<b>High Quality Natural Community</b>					
Forest - floodplain wet-mesic	Wet-mesic Floodplain Forest		SG	G3?	S3
Forest - upland mesic	Mesic Upland Forest		SG	G3?	S3

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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

## HAZARDOUS MATERIALS SITE VISIT FORM

DES Number: 1400760 Project Number: N/A Type of Project: Roadway Improvement

Description of Area (either general location or exact location of parcel): The project is located on 236<sup>th</sup> Street and begins just east of the bridge carrying 236<sup>th</sup> Street over Teter Branch (2.2 miles west of US 31) and extends east until it intersects with US 31.

Person Completing Field Check: Joe Dabkowski of RQAW Corporation on 3/11/16 and 8/26/16

1. **Has a Red Flag Investigation been completed?**       Yes  No

Notes: The Red Flag Investigation was completed by RQAW on December 15, 2016. One UST, NPDES facility and pipe are associated with the Speedway #8028 located at the northwest corner of 236<sup>th</sup> Street/US 31 Intersection. Coordination will occur with Speedway to ensure this facility and pipe is not impacted. Per early coordination with the IDNR Division of Oil and Gas, the project area may contain two gas wells in the project area. The IDNR requested that excavators look for any metal casings during construction.

2. **Right-of-Way Requirements:**

No New ROW     Strip ROW     Minor Take     Whole Parcel Take     Information Not Available

Notes:

3. **Land Use History and Development:** (Industrial, Light Industry, Commercial, Agricultural, Residential, Other – also, indicate source of data: visual inspection, aerial photos, U.S.G.S. topo maps, etc.)

Setting (rural or urban): Rural – visual inspection, aerial photos, USGS map

Current Land Uses: Residential, agricultural, commercial - visual inspection, aerial photos, USGS map

Previous Land Uses: Residential, agricultural, commercial - visual inspection, aerial photos, USGS map

Adjacent Land Uses: Residential, agricultural – visual inspection, aerial photos, USGS map

Describe any Structures on the property: 236<sup>th</sup> Street and adjoining residential, agricultural and commercial properties

4. <b>Visual Inspection:</b>	Property	Adjoining Property	Property	Adjoining Property
<b>Storage Structures:</b>			<b>Evidence of Contamination:</b>	
Underground Tanks	_____	X	Junkyard	_____
Surface Tanks	_____	_____	Auto Graveyard	_____
Transformers	_____	_____	Surface Staining	_____
Sumps	_____	_____	Oil Sheen	_____
Ponds/Lagoons	_____	_____	Odors	_____
Drums	_____	_____	Vegetation Damage	_____
Basins	_____	_____	Dumps	_____
Landfills	_____	_____	Fill Dirt Evidence	_____
Other	_____	_____	Vent pipes or fill pipes	_____
			Other	_____

5. **Is a Phase I, Initial Site Assessment required?**     Yes       No