Categorical Exclusion Document

CE 1

LA Code 3559

Parcel 57 – Warrick County

Parcel 89 – Warrick County

Reference: DES 8720745

Prepared by:

Kristy M. Wright

Environmental Manager II

Indiana Department of Transportation

Vincennes District

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Attachment 1 – Project Location map
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CATEGORICAL EXCLUSION LEVEL 1 FORM	Date: August 8, 2012

[x] **Initial Version** [ ] **Additional Information to CE Level 1 Dated:**

Purpose of this document:

[ ] CE Level 1 documentation for exempted projects [ ] State-funded categorical exemption documentation

Approval of Exempt, CE Level 1 or State-Funded CE: Ernest A. Sharpe 8/8/12

Environmental Scoping Manager or Environmental Policy Manager — Date

PROJECT INFORMATION			
Project Number, County, Route	LA 3559, Parcel 57, Warrick County, Indiana LA 3559, Parcel 89, Warrick County, Indiana	**Des Number**	8720745
Project Description	Two locations, referenced above, have been declared as excess properties by the State of Indiana, owner. The locations have been reviewed to identify any potential sources of risk or liability on the subject property regarding environmental and archeological resources. **See: Attachment 1 – Project Location map**		
Purpose and Need for Action:	The purpose of this categorical exclusion document is to clear the excess right-of-way parcels in preparation for sale. 1) Parcel 57 is located .54 mile west of the intersection of SR 261 and SR 66. 2) Parcel 89 is located 0.13 mile east of the intersection of SR 261 and SR 66. Both parcels are in Warrick County, Indiana. The sale of the excess land would relieve INDOT of the cost for maintaining these parcels and provide funds from the sale for INDOT use.		
Alternatives Considered:	The do-nothing alternative was considered, but rejected since it would not meet the purpose and need of the projects.		
Project Termini:			
Funding Source(s):	x Federal x State ___ Local	**Estimated Cost**	n/a
Project Sponsor:	INDOT	**Project Length**	n/a

Name and organization of CE Level 1 Preparer:: Kristy M. Wright, EM II, Indiana Department of Transportation

SCOPE OF THE PROPOSED ACTION			
Public Involvement		No: **X**	Possible:
Comments:	No public controversy is expected. Any applicable public involvement procedures will be followed.		
Relocation of residences/businesses/etc.*		No: **X**	Possible:
Comments:	No structures will be acquired under this project. No relocations will be necessary.		
Right-of-way in acres (permanent and temporary)*		No: **X**	Possible:
Comments:	No new right-of-way will be acquired as part of this project.		
Added through-traffic lanes – length*		No: **X**	Possible:
Comments:	No through-lanes will be added.		
Permanent alteration of local traffic pattern*		No: **X**	Possible:
Comments:	There will be no alteration of local traffic patterns. No new roads or changes in access are planned.		
Facility on new location or realignment*		No: **X**	Possible:
Comments:	There will be no new alignment or realignment of existing roads.		
Disruption to public facilities/services (such as schools, emergency service)		No: **X**	Possible:
Comments:	There will be no disruption of public facilities or services.		
Involvement with existing bridge(s) (Include structure number(s)		No: **X**	Possible:
Comments:	There are no existing bridges.		

INVOLVEMENT WITH RESOURCES			
Watercourses Impacted (linear feet)		No: **X**	Possible:
Comments:	There will be no construction in waterways as part of this project		
Other Surface Waters (such as ponds, lakes, reservoirs, in acres)		No: **X**	Possible:
Comments:	There will be no construction in water bodies as part of this project.		
Wetlands (acres)*		No: **X**	Possible:
Comments:	There will be no adverse impacts to wetlands as part of this project.		

INVOLVEMENT WITH RESOURCES			
Disturbance of Terrestrial Habitat (acres)		No: **X**	Possible:
Comments:	There will be no construction which adversely affects habitat as part of this project.		
Karst Features		No: **X**	Possible:
Comments:	There are no karst features present in this County nor is it part of the Karst MOU.		
Threatened and Endangered Species Present/Impacted*		No: **X**	Possible:
Comments:	No endangered species should be impacted.		
Impacts to Sole Source Aquifer*		No: **X**	Possible:
Comments:	There is no known Sole Source Aquifer located in the Vincennes District.		
Flood Plains (note transverse or longitudinal impact)		No: **X**	Possible:
Comments:	The project will not alter flood elevations.		
Farmland (acres)		No: **X**	Possible:
Comments:	This project is not of a type which will affect farmland.		
Cultural Resources (Section 106)*		No: **X**	Possible:
Comments:	This parcel was reviewed by an INDOT Cultural Resources historian. No historic properties are located near this parcel.		
Section 4(f) and Section 6(f) Resources *		No: **X**	Possible:
Comments:	No archeological sites have been identified within either the project area. **See: Attachment 2 – Indiana Archeological Short Report**		
Air Quality Non-attainment Area		No: **X**	Possible:
Comments:	. This project is not of air quality concern and will have no significant impact on air quality.		
Noise Analysis Required*		No: **X**	Possible:
Comments:	This project is not a Type I project.		
Community/Economic Impacts		No: **X**	Possible:
Comments:	No negative impacts are anticipated for the established communities.		
Environmental Justice		No: **X**	Possible:
Comments:	No properties will be acquired.		

INVOLVEMENT WITH RESOURCES			
Hazardous Materials		No: **X**	Possible:
Comments:	No items of concern were identified during the red flag investigation of these parcels. **See: Attachment 3 – Red Flag Environmental Report**		
		No: **x**	Possible:
Comments:	Permits are not required for the sale of excess right of way parcels.		

*Criteria used for determination of CE Level. See threshold table below.

ENVIRONMENTAL COMMITMENTS:

If any archaeological artifacts or human remains are uncovered during construction, federal law and regulations (16 USC 470, et seq.; 36 CFR 800.11, et al.) and State Law (IC 14-21-1) require that work must stop immediately and that the discovery must be reported to the Division of Historic Preservation and Archaeology in the Indiana Department of Natural Resources within 2 business days. INDOT Cultural Resources consultants in Environmental Services shall also be notified. (Required)

If any potential hazardous materials are discovered during construction the IDEM Spill Line should be notified with details of the discovery within 24 hours. INDOT Environmental Services, Hazardous Materials Unit, should then be contacted to organize the proper handling and disposal of the material to be in accordance with the IDEM guidelines. (Required)

If any scope changes take place, the Vincennes District Planning and Programming Office shall be consulted. A scope change could cause this environmental document to no longer be valid. (INDOT – Required)

Categorical Exclusion Level Thresholds

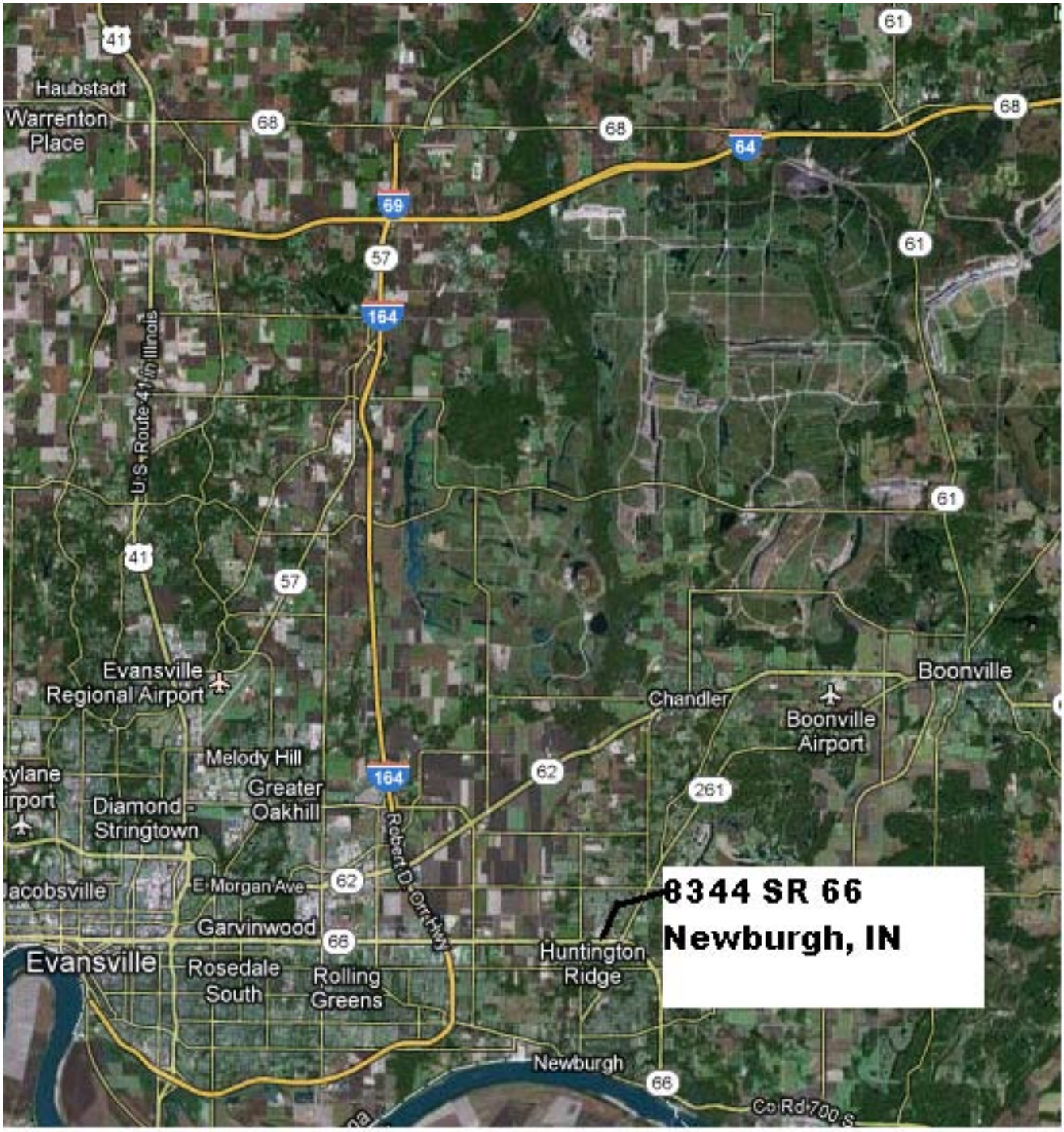
	Level 1	Level 2	Level 3	Level 4
Relocations	None	≤ 2	> 2	> 10
Right of way[1]	< 0.5 acres	< 10 acres	≥ 10 acres	≥ 10 acres
Length of added through lane	None	< 1 miles	≥ 1 mile	≥ 1 mile
Permanent Traffic pattern alteration	None	None	Yes	Yes
New alignment	None	None	< 1 mile	≥ 1 mile[2]
Wetlands	< 0.1 acres	< 1 acre	< 1 acre	≥ 1 acre
Stream Impacts	≤ 300 linear feet of stream impacts, no work beyond 75 feet from pavement	> 300 linear feet impacts, or work beyond 75 feet from pavement	N/A	N/A
Section 4(f)*	None	None	None	Any impacts
Section 6(f)	None	None	Any impacts	Any impacts
Section 106	"No Historic Properties Affected" or falls within guidelines of Minor Projects PA	"No Adverse Effect" or "Adverse Effect"	N/A	If ACHP involved
Noise Analysis Required	No	No	Yes[3]	Yes[3]
Threatened/Endangered Species*	"Not likely to Adversely Affect", or Falls within Guidelines of USFWS 9/8/93 Programmatic Response	N/A	N/A	"Likely to Adversely Affect"[4]
Sole Source Aquifer Groundwater Assessment	Detailed Assessment Not Required	Detailed Assessment Not Required	Detailed Assessment Not Required	Detailed Assessment Required
Approval Level • **ESM**[5] • **ES**[6] • **FHWA**	Yes	Yes	Yes Yes	Yes Yes Yes

*These thresholds have changed from the March 2009 Manual.
[1]Permanent and/or temporary right of way.
[2]If the length of the new alignment is equal to or greater than one mile, contact the FHWA's Air Quality/Environmental Specialist.
[3]In accordance with INDOT's Noise Policy.
[4]If the project is considered Likely to Adversely Affect Threatened and/or Endangered Species, INDOT and the FHWA should be consulted to determine whether a higher class of document is warranted.
[5]Environmental Scoping Manager
[6]Environmental Services

Attachment 1

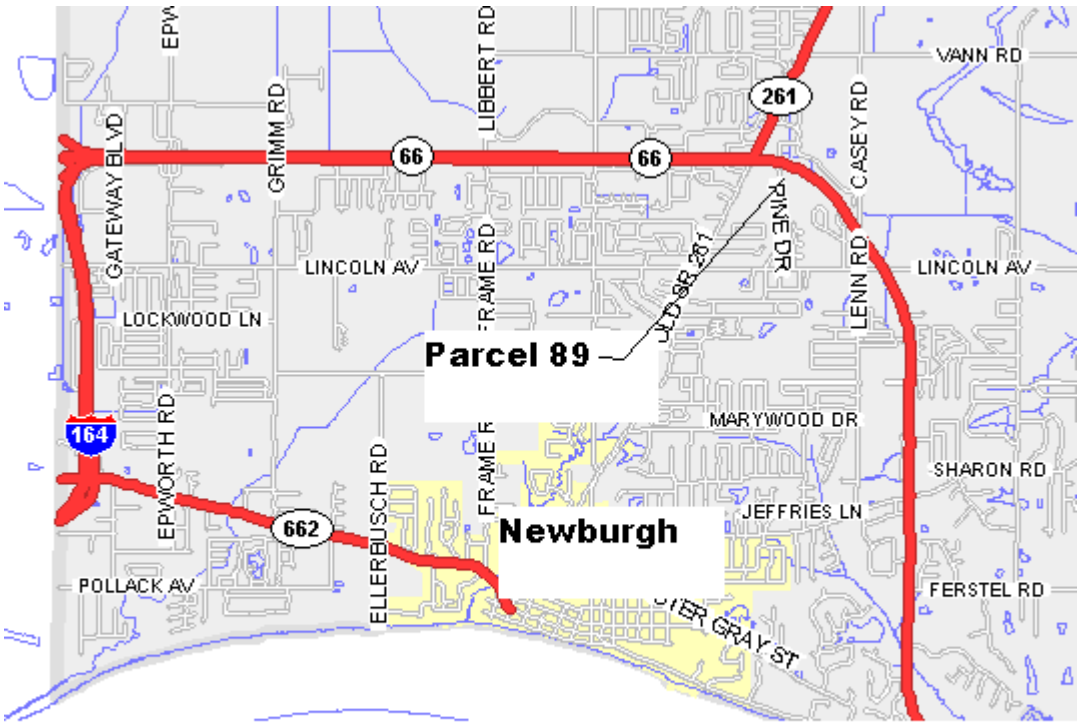
Project Map

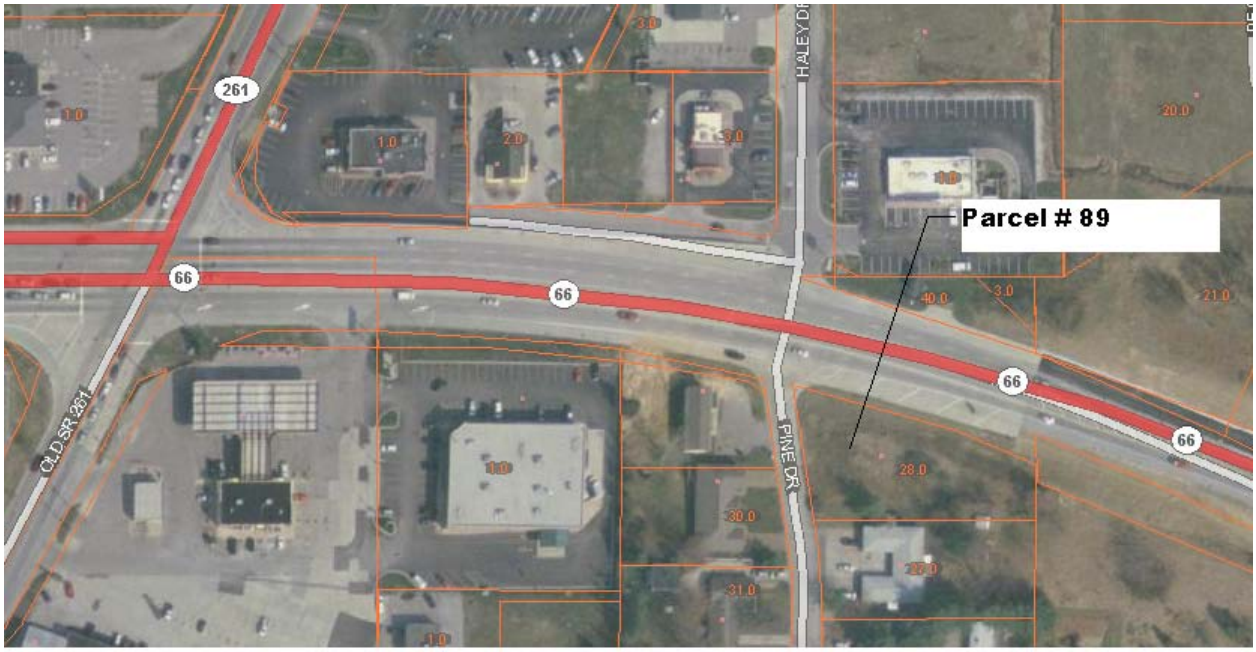
Parcel 57 Warrick County



Parcel 57 Warrick County

LA 3559 Parcel 89 - Warrick County Excess Parcel Location Maps





Attachment 2

Indiana Archeological Short Report

INDIANA ARCHAEOLOGICAL SHORT REPORT

State Form 54566 (1-11)

INDIANA DEPARTMENT OF NATURAL RESOURCES
DIVISION OF HISTORIC PRESERVATION AND ARCHAEOLOGY
402 West Washington Street, Room W274
Indianapolis, Indiana 46204-2739
Telephone Number: (317) 232-1646
Fax Number: (317) 232-0693
E-mail: dhpa@dnr.IN.gov

Where applicable, the use of this form is recommended but not required by the Division of Historic Preservation and Archaeology.

Author: David Moffatt

Date *(month, day, year)*: August 3, 2012

Project Title: Archaeological records check and Phase Ia archaeological reconnaissance for the disposal of INDOT excess parcels # 57 and 89 along SR 66 (LA Code 3559) in Warrick County, Indiana.

PROJECT OVERVIEW

Project Description: The sale of the excess land purchased for SR 66 improvements.

INDOT Designation Number/ Contract Number: LA 3559 Project Number:

DHPA Number: Approved DHPA Plan Number:

Prepared For: Indiana Department of Transportation, Vincennes District

Contact Person: Kristy M. Wright

Address: 3650 South US 41

City: Vincennes State: IN ZIP Code: 47274

Telephone Number: (812) 895-7335 Email Address: kwright@Indot.IN.gov

Principal Investigator: David Moffatt

Signature:

Company/Institution: Indiana Department of Transportation, Cultural Resources Office

Address: 100 North Senate Ave, Room N642

City: Indianapolis State: IN ZIP Code: 46204

Telephone Number: 1-317-233-3703 Email Address: cmoffatt@indot.in.gov

PROJECT LOCATION

County: Warrick

USGS 7.5' series Topographic Quadrangle: Newburgh

Civil Township: Ohio

Legal Location:

NW	1/4,	NE	1/4,	NE	1/4,	NW	1/4,	Section:	26	Township: 6 S	Range: 9 W
SW	1/4,	SE	1/4,	SW	1/4,	SE	1/4,	Section:	22	Township: 6 S	Range: 9 W
	1/4,		1/4,		1/4,		1/4,	Section:		Township:	Range:
	1/4,		1/4,		1/4,		1/4,	Section:		Township:	Range:

Topographic Map Datum: NAD 1983 Grid Alignment: southwest

Comments: The two parcels are not contiguous. Parcel #57 is in Section 22 and Parcel #89 is in Section 26 (see Figures 1 and 2 for the project location).

Property Owner: INDOT

PROJECT AREA DETAILS

Length meters: feet: Width meters: feet: hectares: 00.4 acres: 01.0

Natural Region: Driftless Section

Topography: upland flat

Soil Association: Hosmer-Zanesville (Shively 1979)

Soils: Hosmer silt loam, 2 to 6 percent slopes (HoB)
Hosmer silt loam, 6 to 12 percent slopes, severely eroded (HoC3)
(USDA 2012)

Drainage: Parcel # 57 is in the Highland-Pigeon drainage
Parcel # 89 is in the Lower Ohio-Little Pigeon drainage

Current Land Use: Both parcels are vacant residential lots.

Comments: Parcel #57 is 67 m (220 ft) north-south by 30 m (98 ft) east-west, 0.2 ha (0.5 ac). Parcel #89 is 70 m (230 ft) east-west by 42 m (138 ft) north-south, 0.2 ha (0.5 ac). Parcel #89 is not rectangular due to the curve of SR 66 in this location (Figure 2).

RECORDS REVIEW *(check all that apply)* Date of Records Check *(month, day, year)*: June 7, 2012

☒ SHAARD database

☒ Site Maps on file at DHPA

Previously Reported Sites within One Mile of the Project *(include citations)*:

12W87	camp	unidentified prehistoric	unknown eligibility
12W94	camp	Early Archaic	unknown eligibility
12W487	isolate	Late Woodland/Mississippian	ineligible
12W693	residential	Historic	ineligible

(Moffatt 2008a, 2008b; Roberts et al. 2010; SHAARD 2012)

☒ Cultural Resource Management reports, other research reports, grant reports on file at DHPA or other institutions

Previous Archaeological Studies within One Mile of the Project *(include citations)*:

In total, 15 archaeological investigations have been completed within 1.6 km (1 mile) of the project area (Figure 2). Thirteen of the investigations were Phase Ia reconnaissances (Beard 1990, 2008; Bennett 1997; Cantin 1991, 1994; Carson 2003; Helmkamp and Javorsek 2000; Klabacka 2008; Mankowski and Pope 2003; Moffatt 2008a, 2008c; Sanders and Pope 2003; Stafford 1988).

In addition, a Phase Ib was conducted at 12Sp693 (Moffatt 2008b) resulting in a combined Phase II/III testing and mitigation of a historic residence and doctor's office (Roberts et al 2010).

List other institutions:

☒ Cemetery Records

Results: There are three cemeteries within 1.6 km (1 mile) of the project area: Hedges, Castle, and Rose Hill. None of these cemeteries are within 33 m (100 ft) of either parcel.

☒ McGregor Industrial Site records *(in applicable counties)*

Results: None within 1.6 km (1 mile) of the project area.

☒ County Interim Report

Results: The circa 1857 Joseph Snyder house in located between the two parcels.

☒ Historic Maps

Results: The J. Snyder house and a school are shown on the 1876 atlas, between the two parcels (Andreas 1968).

Known Cultural Manifestations and/or Additional Information:

Prehistoric cultural manifestations near the project area reflect the general cultural sequence of the state from Paleoindian through Euroamerican contact. Paleoindian sites are more common on the terraces and floodplains of the Ohio River drainage system (Tankersley et al. 1990). Projectile points diagnostic of the Early Archaic are more common in the uplands in this area than other Archaic periods (Stafford et al. 2000). Specific cultures include the Late Archaic French Lick Phase, the Early Woodland Adena or Crab Orchard, the Middle Woodland Allison-LaMotte, Late Woodland Albee Phase, and the Late Prehistoric Middle Mississippian.

Warrick County was established in 1813 and was reduced to its present boundaries in 1818. The first Ero-American to arrive in the county settled near Newburgh around 1803. Newburgh was a prominent port in the early nineteenth century, before the railroads bypassed it for Evansville in Vanderburgh County. The project area was located near an early plank road, built in 1821, that connected Newburgh to Boonville to the north (Historic Landmarks Foundation of Indiana 1984).

FIELD INVESTIGATION: *(check all that apply)*

Field Investigation Dates *(month, day, year)*: June 21, 2012

Field Supervisor: David Moffatt

Field Crew: Shaun Miller, Jeffrey Laswell, Matthew Coon, Erin Gould, Katie Lange

Surface Visibility: 0%

Factors Affecting Visibility: grass, weeds, brush, and other vegatation

Visual Walkover ☐ Pedestrian Survey ☐ Shovel Test ☒ Screened ☒ Mesh Size 1/4 in

Interval 5 m ☐ 10 m ☐ 15 m ☒ Other *(describe below)* ☐

Number of Shovel Test Units Excavated: Ten shovel test were excavated at each parcel, for a total of 20.

Describe Methods: The entire project area was examined through shovel tests at 15 m intervals. Shovel tests were at least 30 cm in diameter and 30 cm deep placed at 15 m or smaller intervals. All st's were excavated to sterile soil and the sediment screened through ¼" hardware cloth.

Attach photographs documenting disturbances below

Describe Disturbances: Parcel #57 - This parcel was heavily disturbed (Figure 3). There is a gravel drive connecting the access road to a parking lot to the east. A water line runs east-west parallel to the drive. There is a shed or garage still standing on the property to the southwest and a large depression in the north center where a structure was once located (Figures 5-7). East of the depression was a pile of cement rubble and dirt where a sidewalk was pushed with large machinery. Shovel tests were placed east and west of the depression on south-north transects, sampling the front, side, and back yards (Figure 3).

Parcel #89 - The northern most 5 to 10 m of this parcel consisted of steep slope along the SR 66 road cut. In the center of the parcel is evidence of a razed structure (Figure 8). The two east to west transects sampled the front, side and back yard area of the structure.

Comments: No artifactual evidence of the structures in either parcel were identified through shovel probes, though depressions in the parcel indicate their presence in the past. There were structures on the Topographic map

Results

☐ Archaeological records check has determined that the project area does not have the potential to contain archaeological resources.

☐ Archaeological records check has determined that the project area has the potential to contain archaeological resources.

☒ Phase Ia reconnaissance has located no archaeological resources in the project area.

☐ Phase Ia reconnaissance has identified landforms conducive to buried archaeological deposits.

Actual Area Surveyed hectares: 00.4 acres: 01.0

Comments:

Recommendation

☐ The archaeological records check has determined that the project area has the potential to contain archaeological resources and a Phase Ia archaeological reconnaissance is recommended.

☐ The archaeological records check has determined that the project area does not have the potential to contain archaeological resources and no further work is recommended before the project is allowed to proceed.

☒ The Phase Ia archaeological reconnaissance has located no archaeological sites within the project area and it is recommended that the project be allowed to proceed as planned.

☐ The Phase Ia archaeological reconnaissance has determined that the project area includes landforms which have the potential to contain buried archaeological deposits. It is recommended that Phase Ic archaeological subsurface reconnaissance be conducted before the project is allowed to proceed.

☐ The Phase Ia archaeological reconnaissance has determined that the project area is within 100 feet of a cemetery and a Cemetery Development Plan is required per IC-14-21-1-26.5.

Cemetery Name:

Other Recommendations/Commitments:

Pursuant to IC-14-21-1, if any archaeological artifacts or human remains are uncovered during construction, demolition, or earthmoving activities, state law (Indiana Code 14-21-1-27 and 29) requires that the discovery must be reported to the Department of Natural Resources within two (2) business days. In that event, please call (317) 232-1646.

Attachments

- ☒ Figure showing project location within Indiana.
- ☒ USGS topographic map showing the project area *(1:24,000 scale)*.
- ☒ Aerial photograph showing the project area, land use and survey methods.
- ☒ Photographs of the project area.
- ☐ Project plans *(if available)*

Other Attachments:

References Cited:

Andreas, Alfred Theodore
1968 Maps of Indiana Counties in 1876. Indiana Historical Society. Indianapolis, Indiana.

Beard, Thomas C.
1990 Archaeological Field Reconnaissance Project ME-910 ( ) Reconstruction of Lincoln Avenue from the Warrick / Vanderburgh County Line to S.R. 261, Warrick County, Indiana. Landmark Archaeological and Environmental Services, Inc. Submitted to Bernardin Lochmueller and Associates, Inc. Report on file at Indiana Department Natural Resources, Division of Historic Preservation and Archaeology, Indianapolis.

2008 Archaeological Records Check and Phase Ia Field Reconnaissance: Proposed Borrow Area and Waste Disposal Area for INDOT Contract IR-29899 S.R. 66 Improvements from SR 261 to French Island Trail, Warrick County, Indiana. Landmark Archaeological and Environmental Services. Submitted to Blankenberger Brothers, Inc. Report on file at Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indianapolis.

Bennett, Stacy N.
1997 Archaeological Field Reconnaissance: Addendum to SR 66, Added Travel Lanes INDOT Project : STP-006-5(001) CN, Des. #872045 Warrick County, Indiana. Landmark Archaeological and Environmental Services, Inc. Submitted Indiana Department of Transportation. Report on file at Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indianapolis.

Cantin, Mark
1991 Archaeological Records Review, Reconnaissance and Recommendation New INB Development at Bell Road and Bell Oaks Road North of Newburgh, Warrick County, Indiana. Indiana State University Anthropology Laboratory Cultural Resource Management Report # 91-57. Submitted to INB Banking Company. Report on file at Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indianapolis.

1994 Archaeological Records Review, Reconnaissance and Recommendation, INDOT Project STP-006-50, Added Travel Lanes on SR 66, Line 1, Warrick County, Indiana. Indiana State University Anthropology Laboratory Cultural Resource Management Report # 94-18.

Carson, Catharine A.
2003 Phase Ia Archaeological Field Reconnaissance: Proposed Barrow Pit along S.R. 261 for Construction on S.R. 66 (INDOT Project # R-24745) near the Town of Newburgh, Warrick County, Indiana. Landmark Archaeological and Environmental Services, Inc. Submitted to Blankenberger Brothers, Inc. Report on file at Indiana Department Natural Resources, Division of Historic Preservation and Archaeology, Indianapolis.

Helmkamp, R. Criss and Jessica R. Javorsek
2000 Archaeological Records Check and Reconnaissance Survey: INDOT Project STP-3387 ( ), Des. No. 9620710, Intersection Improvement on SR 261 at Oak Grove Road and with Casey/Faqua at Paradise, Warrick County, Indiana. Purdue University Cultural Resource Management Programs, Reports of Investigation No. 00:60. Submitted to the Indiana Department of Transportation. Report on file at Indiana Department Natural Resources, Division of Historic Preservation and Archaeology, Indianapolis.

Historic Landmarks Foundation of Indiana
1984 Gibson County Warrick County Interim Report: Historic Sites and Structures Inventory. Historic Landmarks Foundation of Indiana, Indianapolis, Indiana.

Klabacka, Rachel
2008 Archaeological Field Reconnaissance Oak Groove Road Reconstruction, Warrick County, Indian. Archaeological Resources Management Service, Ball State University. Report on file at Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indianapolis.

Mankowski, George and Melody Pope
2003 Additional ROW for Project STP-3387 ( ) on SR 261 beginning at SR 66 and ending at Jenner Road (CR 150S) in Warrick County, Indiana; Des. No. 9802480. Glenn A. Black Laboratory of Archaeology Indiana University, Report of Investigations 02-18. Submitted to

Comments:

Curation

Curation Facility for Project Documentation: INDOT, CRO files

Attachment 3

Red Flag Environmental Report

INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

100 North Senate Avenue
Room N642
Indianapolis, Indiana 46204-2216 (317) 232-5348 FAX: (317) 233-4929

Mitchell E. Daniels, Jr., Governor
Michael B. Cline, Commissioner

Date: July 24, 2012

To: Kristy M. Wright
Environmental Manager II
Indiana Department of Transportation
Capital Program Management - Environmental
3650 US Hwy. 41 South
Vincennes, IN 47591

From: Marlene Mathas
Hazardous Materials Unit
Environmental Services
Indiana Department of Transportation
100 N Senate Avenue, Room N642
Indianapolis, IN 46204

Re: RED FLAG INVESTIGATION
LA Code 3559, Parcels 57 and 89
Excess Parcel Disposal
SR 66, Newburgh
Warrick County, Indiana

NARRATIVE

This RFI is being performed for the sale of excess parcels. The subject parcel was acquired by INDOT for right-of-way purposes for DES 8720745, Added Travels Lanes on SR 66 in Newburgh. INDOT has decided that this surplus land will not be needed for right-of-way or other transportation purposes within the foreseeable future. A legal description of the Parcel 57, which is located 0.54 mile west of the intersection of SR 261 and SR 66 is as follows:

A part of the East Half of Section 22, in Township 6 South, in Range 9 West, Warrick County, Indiana, bounded and described as follows: Beginning at a point on the South line of said half quarter quarter section 220 feet East of the Southwest corner thereof, and running thence North 340 feet; thence running East 110 feet; thence running South 340 feet to the South line of said half quarter section; thence west on said South line 110 feet to the point of beginning, and containing *85/100* of an acre, more or less.
EXCEPT: A part of the East Half of Section 22, in Township 6 South, in Range 9 West, Warrick County, Indiana, bounded and described as follows: Beginning at a point on the South line of said half quarter quarter section 220 feet East of the Southwest corner thereof, and running thence North 340 feet; thence running East 15 feet; thence running south to the South line, of said Half Quarter Section, a distance of 340 feet; thence running West 15 feet to the place of beginning, containing *11/100* of an acre, more or less.
The above description taken from a Warranty Deed dated January 28th, 1994, and recorded in Deed File 3, Card 15571 in the Office of the Recorder of said county.

TOGETHER with the permanent extinguishment of all rights and easements of ingress and egress and egress to, from, and across the above described real estate.

A legal description of the Parcel 89, which is located 0.13 mile east of the intersection of SR 261 and SR 66 is as follows:

Lot Twenty-Eight (28) in Section "A", Broadview Subdivision, a subdivision of part of the Northwest Quarter of Section Twenty-Six (26), Township Six (6) South, Range Nine (9) West, in Warrick County, Indiana, according to the recorded plat thereof, as recorded in Plat Record 4, page 256, in the Office of the Recorder of Warrick County, Indiana.
TOGETHER with the permanent extinguishment of all rights and easements of ingress and egress to, from, and across the above described real estate excepting on any part of said real estate which is not utilized in the limited access portion of the above-described project. Subject to all easements and restrictions as shown on said subdivision plat.

SUMMARY

Infrastructure 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:			
Other road projects	3	Airports	N/A
Cemeteries	1	Hospitals	N/A
Railroads	N/A	Recreational Facilities	N/A
Religious Facilities	1	Schools	1
Trails	N/A	Pipelines	3
Managed Lands	N/A		

Explanation:

Other Road Projects: Traffic Signal Modernization and Added Travel Lanes projects are active in the vicinity of SR 261 and SR 66. No impact is expected from the sale of either parcel.

Cemeteries: Hedge Cemetery is located approximately 0.33 mile northeast of Parcel 57. No impact is expected from the sale of either parcel.

Religious Facilities: Gateway Church is located approximately 0.35 mile northwest of Parcel 57. No impact is expected from the sale of either parcel.

Schools: Trinity College of the Bible is located approximately 0.4 mile south of SR 66 on Old SR 261. No impact is expected from the sale of these parcels.

Pipelines: Southern Indiana Gas and Electric has two (2) natural gas pipelines that run in a general east-west direction over 0.25 mile south of SR 66. Ashland Oil has one (1) crude oil pipeline that is 0.33 mile west of Parcel 57. No impact is expected from the sale of either parcel.

Water Resources 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:			
Canal Routes – Historic	N/A	Canal Structures – Historic	N/A
NWI Wetland Lines	1	Floodplain-DFIRM	2
NWI Wetland Polygons	4	NWI Wetland Points	N/A
Rivers & Streams	9	Lakes	9
IDEM 303d Listed Rivers and Streams	N/A	IDEM 303d Listed Lakes	N/A
Cave Entrance Density	N/A	Sinkhole Areas	N/A
Karst Springs	N/A	Sinking-Stream Basins	N/A

Explanation:

NWI Wetland Lines: One NWI Wetland Line is located 0.3 mile southeast of Parcel 89. No impacted is expected from the sale of either parcel.

Floodplain-DFIRM: One floodplain is located 0.18 south-southeast of the Parcel 89, and one floodplain is located 0.17 mile west of Parcel 57. No impact is expected from the sale of either parcel.

NWI Wetland Polygons: Four wetlands are located within the ½ mile buffer of the parcels; however, none of them are near the subject parcels. No impact is expected from the sale of either parcel.

Rivers and Streams: Nine intermittent/perennial streams are located within the ½ mile buffer of the subject parcels, the nearest being 0.05 mile northeast and east of Parcel 89. No impacted is expected from the sale of either parcel.

Lakes: Nine perennial lakes/ponds are located within the ½ mile buffer; however, none of them are near the subject parcels. No impact is expected from the sale of either parcel.

Mining/Mineral Exploration 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	N/A	Petroleum Fields	N/A
Mines – Surface	1	Mines – Underground	N/A

Explanation:

Surface Mines: One surface mine was noted at the eastern edge of the ½ mile buffer, and records indicate that it operated from 1975 to 1981. No impact is expected from the sale of either parcel.

Ecological Information

The Warrick 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.

Research into the Indiana Heritage database revealed no state or federal ETR species within a ½ mile radius of the subject parcel. Sale of the subject parcels is not expected to impact ETR species or high quality natural communities.

If Early Coordination was completed prior to submission of the red flag for review and IDNR has commented, those comments can be included in place of the above process.

Cultural Resources

A review by the Cultural Resources Section is pending and had not been completed at the time of this RFI.

Hazmat Concerns 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	Corrective Action Sites (RCRA)	N/A
State Cleanup Sites	N/A	Superfund Sites	N/A
Voluntary Remediation Program	N/A	Institutional Control Sites	1
Manufactured Gas Plant Sites	N/A	Industrial Waste Sites	N/A
Underground Storage Tanks (USTs)	3	Leaking Underground Storage Tanks (LUSTs)	4
Confined Feeding Operations	N/A	Septage Waste Sites	N/A
Construction Demolition Waste	N/A	Infectious/Medical Waste Sites	N/A
Lagoon/Surface Impoundments	N/A	Open Dump Sites	N/A
Restricted Waste Sites	N/A	Solid Waste Landfills	N/A
Tire Waste Sites	N/A	Waste Transfer Stations	N/A
Waste Treatment, Storage, and Disposal Sites (TSDs)	N/A	NPDES Facilities	N/A
NPDES Pipe Locations	N/A		

Explanation:

Institutional Control Sites: One Institutional Control Site, which is also a LUST site, is located at 4011 SR 261, the southwest corner of the intersection of SR 66 and SR 261. This is Tobacco Road 138/Marathon 2230 has an Environmental Restrictive Covenant that restricts land use because of the presence of soil and groundwater contamination. No impact is expected from the sale of either parcel.

USTs: The nearest UST site is 0.1 mile east of Parcel 57. No impact is expected from the sale of either parcel.

LUSTs: Other than the LUST site discussed above, the only other site close to Parcel 89 is Huck's 272, which is located on the southeast corner of the intersection of SR 261 and SR 66. A No Further Action Letter was issued by IDEM for this site on 7-13-09. No impact to or from any of the LUST sites is expected.

RECOMMENDATIONS:

Infrastructure: N/A

Water Resources: N/A

Mining/Mineral Exploration: N/A

Ecological Information: If Early Coordination was completed prior to submission of the red flag for review and IDNR has commented, those comments should be included.

Cultural Resources: A review by the Cultural Resources Section is pending and had not been completed at the time of this RFI.

HazMat Concerns: N/A

Supervisory concurrence: Digitally signed by Kenneth B. McMullen DN: cn=Kenneth B. McMullen, o=Division Of Environmental Services, INDOT, ou=Environmental Policy Manager, email=kmcmullen@indot.in.gov, c=US Date: 2012.07.25 11:01:30 -04'00'

Prepared by:
Marlene Mathas
Hazardous Materials Team Lead
INDOT Central Office, Environmental Services

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.

GENERAL SITE MAP SHOWING PROJECT AREA: YES

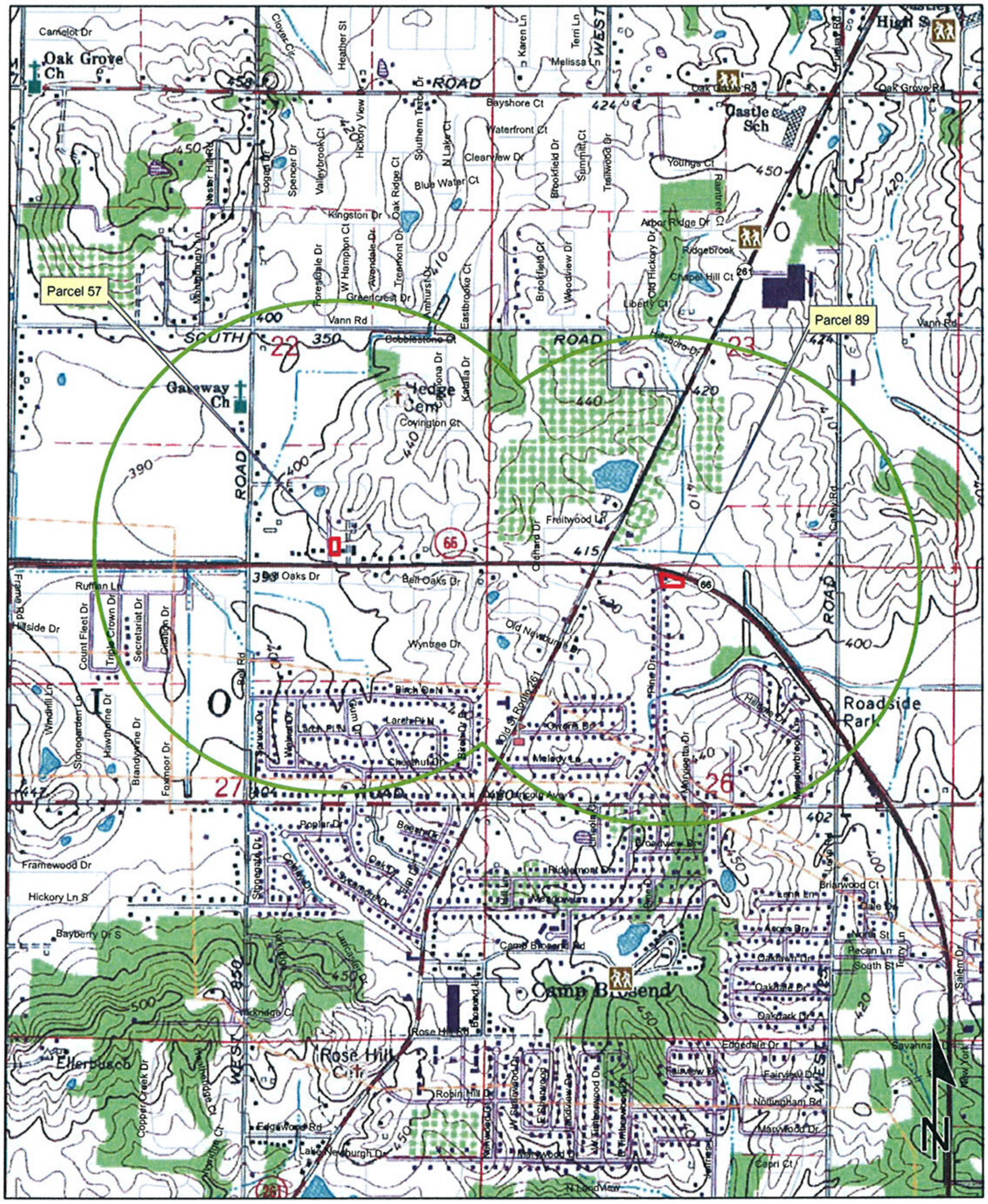
INFRASTRUCTURE: YES

WATER RESOURCES: YES

MINING/MINERAL EXPLORATION: YES

HAZMAT CONCERNS: YES

Red Flag Investigation - Project Location Map
SR 66
LA 3559, Parcels 57 and 89, Excess Parcels
Newburgh, Warrick County, Indiana



Sources:

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

0.1 0.05 0 0.1
Miles

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

NEWBURGH QUADRANGLE
INDIANA - KENTUCKY
7.5. MINUTE SERIES (TOPOGRAPHIC)
1964
PHOTOREVISED 1980

Red Flag Investigation - Infrastructure Map
SR 66
LA 3559, Parcels 57 and 89, Excess Parcels
Newburgh, Warrick 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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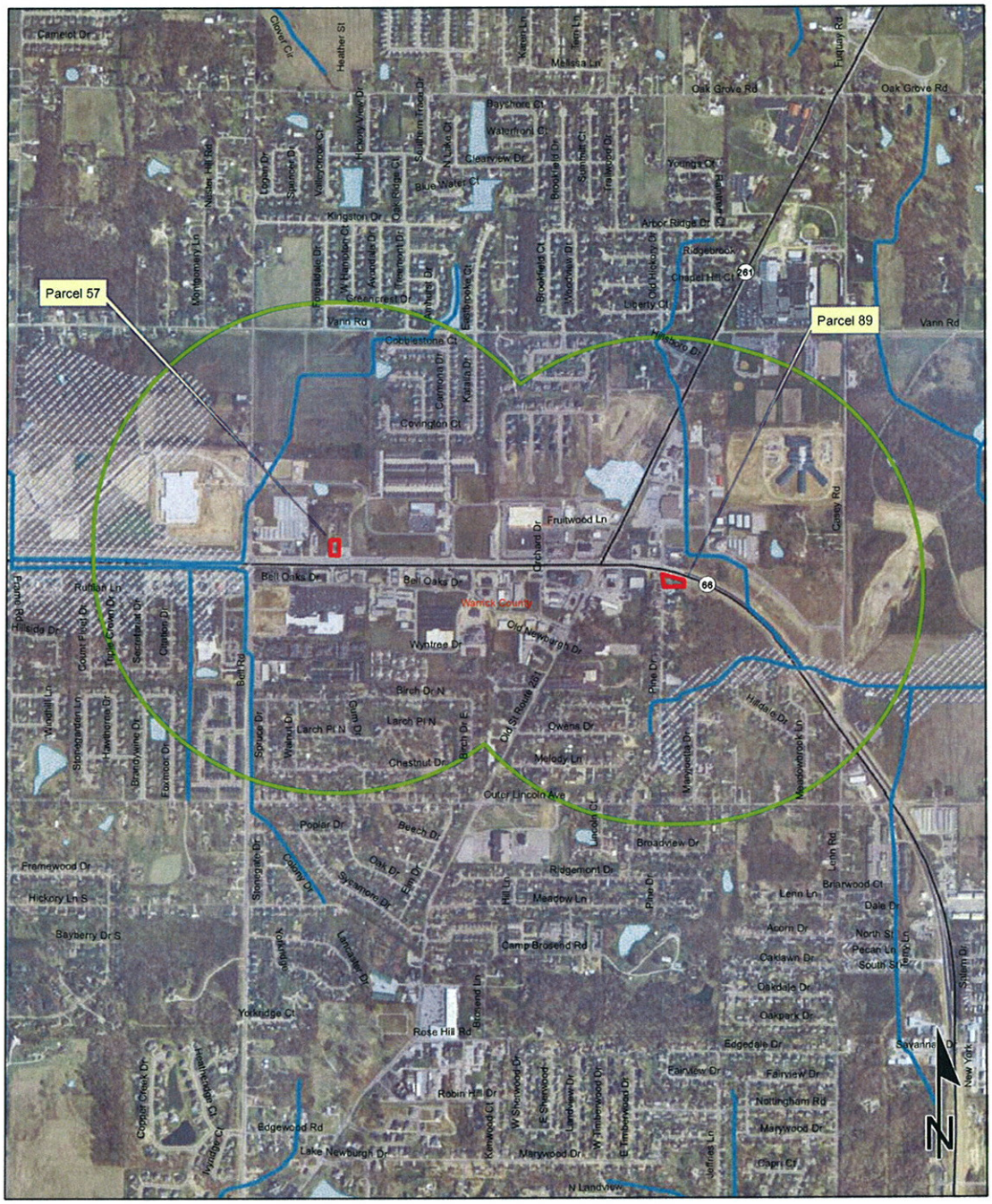
0.1 0.05 0 0.1 Miles

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

Red Flag Investigation - Water Resources Map
SR 66
LA 3559, Parcels 57 and 89, Excess Parcels
Newburgh, Warrick County, Indiana



0.10.05 0 0.1 Miles

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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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
River	Sinkhole Area	Local Road
Canal Route - Historic	Sinking-Stream Basin	
	County Boundary	

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Red Flag Investigation - Mining/Mineral Exploration Map
SR 66
LA 3559, Parcels 57 and 89, Excess Parcels
Newburgh, Warrick County, Indiana

0.1 0.05 0 0.1 Miles

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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Gas Well	Mine - Underground	Interstate
Oil Well	County Boundary	State Route
Mine - Surface	Project Area	US Route
Petroleum Field	Half Mile Radius	Local Road

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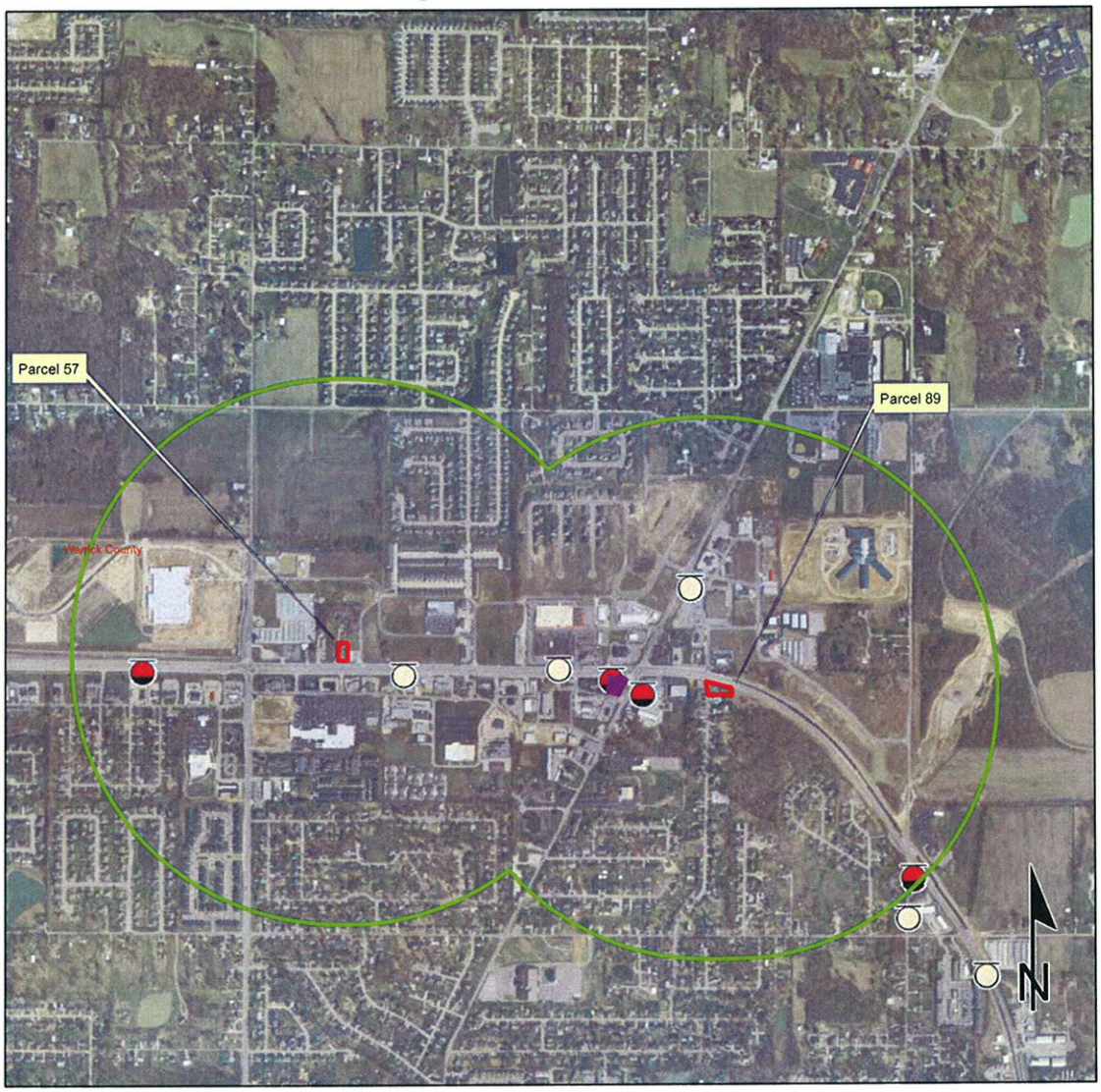
Red Flag Investigation - Hazardous Materials Concerns Map
SR 66
LA 3559, Parcels 57 and 89, Excess Parcels
Newburgh, Warrick County, Indiana



- Brownfield
- Corrective Action Sites
- Confined Feeding Operation
- Construction/Demolition Site
- Leaking Underground Storage Tank
- Etiological Waste Site
- Lagoon
- Manufactured Gas Plant
- NPDES Facilites
- NPDES Pipe Locations
- Open Dump Waste Site
- Restricted Waste Site
- Septage Waste Site
- Solid Waste Landfill
- State Cleanup Site
- Tire Waste Site
- Waste Transfer Station
- Waste Treatment Storage Disposal
- Underground Storage Tank
- Voluntary Remediation Program
- Superfund
- 303d Listed Rivers
- 303d Listed Lakes
- Institutional Controls
- County Boundary
- Project Area
- Half Mile Radius
- Interstate
- US Route
- State Route
- Local Road

Miles
0 0.05 0.1 0.2

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)
Map Projection: UTM Zone 16 N **Map Datum:** NAD83

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Indiana County Endangered, Threatened and Rare Species List

County: Warrick

Species Name	Common Name	FED	STATE	GRANK	SRANK
Mollusk: Bivalvia (Mussels)					
Plethobasus cyphyus	Sheepnose	C	SE	G3	S1
Pleurobema cordatum	Ohio Pigtoe		SSC	G4	S2
Reptile					
Nerodia erythrogaster neglecta	Copperbelly Water Snake	PS:LT	SE	G5T3	S2
Opheodrys aestivus	Rough Green Snake		SSC	G5	S3
Bird					
Ammodramus henslowii	Henslow's Sparrow		SE	G4	S3B
Asio flammeus	Short-eared Owl		SE	G5	S2
Botaurus lentiginosus	American Bittern		SE	G4	S2B
Buteo lineatus	Red-shouldered Hawk		SSC	G5	S3
Circus cyaneus	Northern Harrier		SE	G5	S2
Dendroica cerulea	Cerulean Warbler		SE	G4	S3B
Haliaeetus leucocephalus	Bald Eagle	LT,PDL	SE	G5	S2
Helmitheros vermivorus	Worm-eating Warbler		SSC	G5	S3B
Ictinia mississippiensis	Mississippi Kite		SSC	G5	S1B
Ixobrychus exilis	Least Bittern		SE	G5	S3B
Lanius ludovicianus	Loggerhead Shrike	No Status	SE	G4	S3B
Nyctanassa violacea	Yellow-crowned Night-heron		SE	G5	S2B
Rallus limicola	Virginia Rail		SE	G5	S3B
Tyto alba	Barn Owl		SE	G5	S2
Mammal					
Lasiurus borealis	Eastern Red Bat		SSC	G5	S4
Lutra canadensis	Northern River Otter		SSC	G5	S2
Lynx rufus	Bobcat	No Status	SSC	G5	S1
Myotis sodalis	Indiana Bat or Social Myotis	LE	SE	G2	S1
Sylvilagus aquaticus	Swamp Rabbit		SE	G5	S1
Vascular Plant					
Bacopa rotundifolia	Roundleaf Water-hyssop		ST	G5	S1
Carex bushii	Bush's Sedge		ST	G4	S1
Carex socialis	Social Sedge		SR	G4	S2
Catalpa speciosa	Northern Catalpa		SR	G4?	S2
Clematis pitcheri	Pitcher Leather-flower		SR	G4G5	S2
Dicliptera brachiata	Wild Mudwort		SE	G5	S1
Didiplis diandra	Water-purslane		SE	G5	S2
Eleocharis wolfii	Wolf Spikerush		SR	G3G4	S2
Festuca paradoxa	Cluster Fescue		ST	G5	S1
Hypericum denticulatum	Coppery St. John's-wort		ST	G5	S2
Iresine rhizomatosa	Eastern Bloodleaf		SR	G5	S2
Nothoscordum bivalve	Crow-poison		SR	G4	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: Warrick

Species Name	Common Name	FED	STATE	GRANK	SRANK
Orobanche riparia	Bottomland Broomrape		SE	G5	S2
Perideridia americana	Eastern Eulophus		SE	G4	S1
Poa wolfii	Wolf Bluegrass		SR	G4	S2
Rudbeckia fulgida var. fulgida	Orange Coneflower		WL	G5T4?	S2
Scutellaria parvula var. australis	Southern Skullcap		WL	G4T4?	S2
Stenanthium gramineum	Eastern Featherbells		ST	G4G5	S1
Styrax americanus	American Snowbell		WL	G5	S3
Taxodium distichum	Bald Cypress		ST	G5	S2
Thalictrum pubescens	Tall Meadowrue		ST	G5	S2
Trachelospermum difforme	Climbing Dogbane		SR	G4G5	S2
High Quality Natural Community					
Forest - flatwoods dry	Dry Flatwoods		SG	G2?	S2
Forest - floodplain wet	Wet Floodplain Forest		SG	G3?	S3
Forest - upland dry-mesic	Dry-mesic Upland Forest		SG	G4	S4
Other					
Freshwater Mussel Concentration Area	Mussel Bed		SG	G3	SNR

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