

CATEGORICAL EXCLUSION LEVEL 1 FORM

Date: January 15, 2013

 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. Hoops
Environmental Scoping Manager or
Environmental Policy Manager

01-15-2013

Date

PROJECT INFORMATION			
Project Number, County, Route	US 231 Excess Land Parcel # 16, LA Code 3097, in Spencer County	Des Number	926136A
Project Description	US 231 Excess Land Parcel # 16, LA Code 3097, in Spencer County is going to be sold. See Attachment 1 for a Project Location Map. Liquidation of Excess Land – This includes the liquidation of State property classified as excess land.		
Purpose and Need for Action:	Excess Land Liquidation: The purpose of this action is to liquidate the excess property that has been determined to be unnecessary. By selling the property, it eliminates the need for maintenance and allows the limitation of unnecessary land holdings.		
Alternatives Considered:	The do-nothing alternative was considered, but rejected since it would not meet the purpose and need of the projects.		
Project Termini:	N/A		
Funding Source(s):	___ Federal ___ State ___ Local	Estimated Cost	N/A
Project Sponsor:	INDOT	Project Length	N/A

Name and organization of CE Level 1 Preparer: Brittney Smith – INDOT, Vincennes District

SCOPE OF THE PROPOSED ACTION		
Public Involvement	No: <input checked="" type="checkbox"/>	Possible:
Comments:	No public controversy is expected.	
Relocation of residences/businesses/etc.*	No: <input checked="" type="checkbox"/>	Possible:
Comments:	No relocations will be necessary.	
Right-of-way in acres (permanent and temporary)*	No: <input checked="" type="checkbox"/>	Possible:
Comments:	Property will only be sold to willing buyers. Applicable Federal regulations will be followed.	
Added through-traffic lanes – length*	No: <input checked="" type="checkbox"/>	Possible:
Comments:	No through-lanes will be added.	
Permanent alteration of local traffic pattern*	No: <input checked="" type="checkbox"/>	Possible:
Comments:	There will be no alteration of local traffic patterns.	
Facility on new location or realignment*	No: <input checked="" type="checkbox"/>	Possible:
Comments:	There will be no new alignment or realignment of existing roads.	
Disruption to public facilities/services (such as schools, emergency service)	No: <input checked="" type="checkbox"/>	Possible:
Comments:	There will be no disruption to public service providers.	
Involvement with existing bridge(s) (Include structure number(s))	No: <input checked="" type="checkbox"/>	Possible:
Comments:	There are no bridges within the limits of the excess property.	

INVOLVEMENT WITH RESOURCES		
Watercourses Impacted (linear feet)	No: <input checked="" type="checkbox"/>	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: <input checked="" type="checkbox"/>	Possible:
Comments:	There will be no construction in water bodies as part of this project.	
Wetlands (acres)*	No: <input checked="" type="checkbox"/>	Possible:
Comments:	There will be no adverse impacts to wetlands as part of this project.	
Disturbance of Terrestrial Habitat (acres)	No: <input checked="" type="checkbox"/>	Possible:
Comments:	There will be no construction which adversely affects habitat as part of this project.	

INVOLVEMENT WITH RESOURCES		
Karst Features	No: <input checked="" type="checkbox"/>	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: <input checked="" type="checkbox"/>	Possible:
Comments:	No endangered species will be impacted.	
Impacts to Sole Source Aquifer*	No: <input checked="" type="checkbox"/>	Possible:
Comments:	There is no known Sole Source Aquifer located in the Vincennes District.	
Flood Plains (note transverse or longitudinal impact)	No: <input checked="" type="checkbox"/>	Possible:
Comments:	The project will not alter flood elevations.	
Farmland (acres)	No: <input checked="" type="checkbox"/>	Possible:
Comments:	This project is not of a type which will affect farmland.	
Cultural Resources (Section 106)*	No: <input checked="" type="checkbox"/>	Possible:
Comments:	<p>Received from Mary Kennedy 10/23/12 (See Attachment 2): With regard to above-ground resources, no buildings are located on the parcel known as LA 3097, Parcel 16. Nonetheless, the State and National Register of Historic Places lists for Spencer County were checked by an INDOT- Cultural Resources Office (CRO) historian who meets the Secretary of the Interior’s Professional Qualification Standards per 36 CFR Part 61. No properties on these lists are located near the parcel. The nearest recorded resource on these lists is the Lincoln Boyhood National Memorial Historic District, which is located over 3.5 miles to the north. Additionally, the <i>Spencer County Interim Report</i> of the Indiana Historic Sites and Structures Inventory was referenced (Clay, Jackson, Grass & Hammond Townships). No properties are recorded within 0.25 mile of this parcel. Based on the available information and pursuant to Indiana Code 14-21-1-14, INDOT-CRO does not think that this parcel contains historic structures or that the sale of this parcel is an activity that has the potential to cause effects on any above-ground resources eligible for or listed in the National Register.</p> <p>Archaeological clearance was done by INDOT Environmental Services. See Attachment 3 for more details.</p>	
Section 4(f) and Section 6(f) Resources *	No: <input checked="" type="checkbox"/>	Possible:
Comments:	There are no Section 4(f) or 6(f) resources involved.	
Air Quality Non-attainment Area	No: <input checked="" type="checkbox"/>	Possible:
Comments:	This projects is exempt from air quality analysis in accordance with 40 CFR Part 93.126 Table 2. This project is not of air quality concern; therefore, it will have no significant impact on air quality.	
Noise Analysis Required*	No: <input checked="" type="checkbox"/>	Possible:
Comments:	This project is not a Type I project. In accordance with 23 CFR 772 and the INDOT Traffic Noise Policy (FHWA concurrence on February 26, 2007), these actions do not require formal noise analysis.	
Community/Economic Impacts	No: <input checked="" type="checkbox"/>	Possible:

INVOLVEMENT WITH RESOURCES		
Comments:	No negative impacts are anticipated for the established communities.	
Environmental Justice		No: <input checked="" type="checkbox"/> Possible:
Comments:	Any property to be sold will be sold to willing buyers. No disproportionate adverse impacts to protected populations are expected.	
Hazardous Materials		No: <input checked="" type="checkbox"/> Possible:
Comments:	The property to be sold has been assessed for hazardous materials, and no areas of concern were found. See Attachment 4 for Red Flag Investigation.	
Permits		No: <input checked="" type="checkbox"/> Possible:
Comments:	Permits are not required for this project.	

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

ENVIRONMENTAL COMMITMENTS:
<p>Any work in a wetland area within INDOT’s right of way or in borrow/waste areas is prohibited unless specifically allowed in the US Army Corps of Engineers or IDEM permit. (Required)</p> <p>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’s Cultural Resources Section in Environmental Services shall also be notified. (Required)</p> <p>If any potential hazardous materials are discovered 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 of the material to be in accordance with the IDEM guidelines. (Required) Permits may be required for this project. It will be the responsibility of the designer to submit plans to ES to process permits. (Required)</p> <p>If unexpected karst features are discovered during construction, work shall cease immediately in the affected area and ES will be contacted. ES will coordinate with USFWS to determine appropriate protective measures. (Call ES Nathan Saxe – 317-232-0240) (INDOT – Required)</p> <p>Erosion control measures will be taken as if this project had a Rule 5 Erosion Control Permit. (Required)</p>

Categorical Exclusion Level Thresholds

	Level 1	Level 2	Level 3	Level 4
Relocations	None	≤ 2	> 2	> 10
Right of way¹	< 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.

¹Permanent and/or temporary right of way.

²If the length of the new alignment is equal to or greater than one mile, contact the FHWA’s Air Quality/Environmental Specialist.

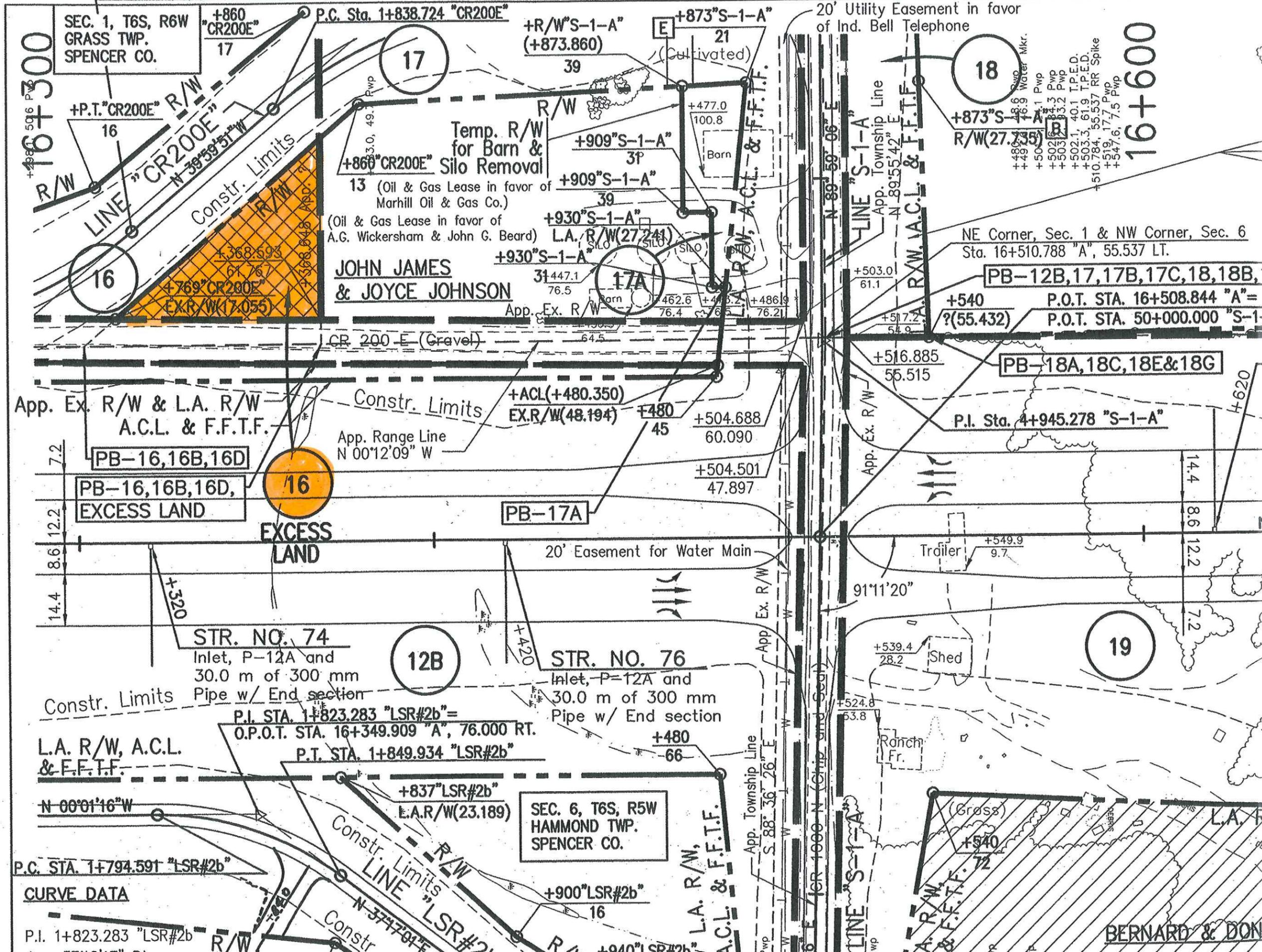
³In accordance with INDOT’s Noise Policy.

⁴If 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.

⁵Environmental Scoping Manager

⁶Environmental Services

Attachment 1 Location Map



Attachment 2

Section 106 Documentation

From: [Kennedy, Mary](#)
To: [Smith, Brittney](#); [Miller, Shaun \(INDOT\)](#); [Moffatt, Charles D](#)
Cc: [Mathas, Marlene](#)
Subject: RE: CE request, LA 3097, Parcel 16
Date: Tuesday, October 23, 2012 1:39:11 PM

All,

Here is the information that can be used in the archaeology report transmittal letter to SHPO and the CE with regard to above-ground resources:

With regard to above-ground resources, no buildings are located on the parcel known as LA 3097, Parcel 16. Nonetheless, the State and National Register of Historic Places lists for Spencer County were checked by an INDOT- Cultural Resources Office (CRO) historian who meets the Secretary of the Interior's Professional Qualification Standards per 36 CFR Part 61. No properties on these lists are located near the parcel. The nearest recorded resource on these lists is the Lincoln Boyhood National Memorial Historic District, which is located over 3.5 miles to the north. Additionally, the *Spencer County Interim Report* of the Indiana Historic Sites and Structures Inventory was referenced (Clay, Jackson, Grass & Hammond Townships). No properties are recorded within 0.25 mile of this parcel. Based on the available information and pursuant to Indiana Code 14-21-1-14, INDOT-CRO does not think that this parcel contains historic structures or that the sale of this parcel is an activity that has the potential to cause effects on any above-ground resources eligible for or listed in the National Register.

Please don't hesitate to let me know if you have any questions or need more information.

Mary E. Kennedy
Indiana Department of Transportation
(317) 232-5215
mkennedy@indot.in.gov

From: Miller, Shaun (INDOT)
Sent: Wednesday, October 17, 2012 10:28 AM
To: Smith, Brittney
Cc: Kennedy, Mary; Carie, Randy
Subject: RE: CE request, LA 3097, Parcel 16

Brittney,

We'll be able to survey this parcel along with 3099-13 that you sent up previously in the next couple of weeks. If there are any other parcels along 231 in the pipeline that are going to be declared excess please let us know ASAP so we can include in one trip.

The report for this parcel will be submitted to DHPA by 12/11/12.

Thank you,

Shaun Miller
INDOT, Cultural Resources Office
Archaeological Team Leader

(317)233-6795
smiller@indot.in.gov

From: Smith, Brittney
Sent: Wednesday, October 17, 2012 7:52 AM
To: McMullen, Kenneth B.; Miller, Shaun (INDOT); Kennedy, Mary
Cc: Mathas, Marlene; Moffatt, Charles D; Branigin, Susan; Smith, Brittney
Subject: FW: CE request, LA 3097, Parcel 16

All,

I have been tasked with preparing the CE Level 1 for this US 231 excess land, LA Code 3097, Parcel 16. I will need the parcel cleared for hazardous materials and cultural resources. Please get me your clearance as soon as possible so I can complete this CE. Please note this is very close to a previous request for CE information for the excess land for US 231, LA Code 3099, Parcel 13. Let me know if you have any questions or need additional information. I have attached all the information I received with this request. Thank you.

Brittney Smith
Environmental/Scoping Engineer
INDOT Vincennes District
brsmith@indot.in.gov
Phone (812) 895-7381
Fax (812) 895-7472

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From: Stoops, Ernie
Sent: Tuesday, October 16, 2012 2:55 PM
To: Smith, Brittney
Subject: FW: CE request

Brittney,

Here is the other CE request on US 231 that Randy had talked to you about. Please add it your work. Thank you.

Ernest A. Stoops, P.E.
Design/Environmental Scoping Manager
Capital Program Management
Vincennes District
(812)895-7390

From: Carie, Randy

Sent: Tuesday, October 16, 2012 11:33 AM
To: Stoops, Ernie
Subject: CE request

Ernie, could you please see that this parcel is added to your list of things to do.

If you have any question please feel free to contact:

Randall L. Carie
Real Estate Specialist
Vincennes District Office
(812) 895-7368
Email: rcarie@indot.in.gov

The dogmas of the quiet past are inadequate to the stormy present....As our case in new, so must we think anew and act anew.

Abraham Lincoln, in his message to Congress, December 1, 1862

Attachment 3

Archaeological Clearance



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: dhp@dnr.IN.gov

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

Author:

Date (month, day, year):

Project Title:

PROJECT OVERVIEW

Project Description:

INDOT Designation Number/ Contract Number: Project Number:

DHPA Number: Approved DHPA Plan Number:

Prepared For:

Contact Person:

Address:

City: State: ZIP Code:

Telephone Number: Email Address:

Principal Investigator:

Signature:

Company/Institution:

Address:

City: State: ZIP Code:

Telephone Number: Email Address:

PROJECT LOCATION

County:

USGS 7.5' series Topographic Quadrangle:

Civil Township:

Legal Location:

1/4, 1/4, 1/4, 1/4, Section: Township: Range:

Topographic Map Datum: Grid Alignment:

Comments:

Property Owner:

PROJECT AREA DETAILS

Length meters: feet: Width meters: feet: hectares: acres:

Natural Region:

Topography:

Soil Association:

Soils:

Drainage:

Current Land Use:

Comments:

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

SHAARD database

Site Maps on file at DHPA

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

Site #	Type	Period
12Sp370	camp	unidentified prehistoric, ineligible (Richardson 1983)
12Sp371	camp	unidentified prehistoric, ineligible (Richardson 1983)
12Sp1003	artifact scatter	unidentified prehistoric isolate, historic scatter (Robertson et al. 1997)
12Sp1005	historic scatter	Woodland lithic scatter, historic scatter (Robertson et al. 1997)

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):

All or a portion of six archaeological reconnaissances have been conducted within 1.6 km (1 mi) of the project area (Crider 2005; Jeske and Stillwell 1994; Richardson 1983; Robertson et al. 1997; Smith and Peterson 2008; Titus and Lence 2005) documenting the four archaeological sites above. The exact location examined by Richardson (1983) was not determined.

List other institutions:

Cemetery Records

Results: Saint Martin's Cemetery is located within one mile, but not within 100 feet of the project area.

McGregor Industrial Site records (in applicable counties)

Results: The records did not show any sites within 1.6 km (1mi) of the project area.

County Interim Report

Results: Saint Martin's Cemetery is the only property within one mile of the parcel. The town of Chrisney is just over one mile from the parcel. Structures in the town post date the railroad, which was built in 1871-72 (HLFI 2001).

Historic Maps

Results: There are no structures shown on the 1876 atlas within one mile of the parcel (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.

Spencer County was formed in 1818. Towns and industry were concentrated along the Ohio River until transportation routes improved. By the late 19th century Lincoln City had become an important railroad hub (Historic Landmarks Foundation of Indiana 2001).

Largely due to John B. Chrisney, the first railroad in Spencer County was built west of the project area in 1871-72. The town of Spring Station, later changed to Chrisney, was founded on property that John B. Chrisney owned. In addition to the town, most of the farms in the region date to after the construction of the railroad (HLFI 2001; Goodspeed Bros. 1885).

FIELD INVESTIGATION: (check all that apply) Field Investigation Dates (month, day, year): October 29, 2012

Field Supervisor: David Moffatt

Field Crew: Jeffrey Laswell

Surface Visibility: <20%

Factors Affecting Visibility: grass

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: 9

Describe Methods: The entire project area was examined through shovel tests at 15 m intervals.

Attach photographs documenting disturbances below

Describe Disturbances:

Comments:

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: acres:

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.

Crider, Andrea

2005 Archaeological Field Reconnaissance DOT Project NH-075-3(), Des. No. 841360, 936136 Re-evaluation of Site 12-Sp-1005. Archaeological Resources Management Service, Ball State University. Submitted to the Indiana Department of Transportation.

Goodspeed Bros.

1885 History of Warrick, Spencer, and Perry Counties, Indiana, From the Earliest Time to the Present, together with interesting Biographical Sketches, Reminiscences, Notes, Etc. Goodspeed Brothers Publishing, Chicago.

Historic Landmarks Foundation of Indiana

2001 Spencer County Interim Report: Historic Sites and Structures Inventory. Historic Landmarks Foundation of Indiana, Indianapolis, Indiana.

Jeske, Robert J. and Larry N. Stillwell

1994 Chrisney Water Line: An Archaeological Reconnaissance Survey in Spencer County, Indiana. Northeast Indiana Archaeological Survey, Indiana-Purdue University Fort Wayne. Submitted to Chrisney Water Department.

Richardson, John W.

1983 Patmore #1, Delta Mining. Archaeological Survey, Indiana Department of Natural Resources, Division of Reclamation. Report on file at Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indianapolis.

Robertson, James A., Kent C. Taylor, and Elaine H. Robinson

1997 Cultural Resources survey for the US 231 Realignment/Reconstruction Spencer and Dubois Counties, Indiana. Commonwealth Cultural Resources Group, Inc. Submitted to The Corradino Group.

Smith, Kimberly M. and Ryan J. Peterson

2008 Phase Ia Cultural Resources Survey for Proposed Improvements to Midwestern Gas Transmission Pipeline, Hammond Township, Spencer County, Indiana. AMEC Earth and Environmental. Submitted to ONEOK Partners.

Stafford, C. Russell, Ronald L. Richards, and C. Michael Anslinger

2000 The Bluegrass Fauna and Changes in Middle Holocene Hunter-Gatherer Foraging in the Southern Midwest. *American Antiquity* 65:317-336.

Tankersley, Kenneth B., Edward E. Smith, and Donald R. Cochran

1990 Early Paleoindian Land Use, Mobility, and Lithic Exploitation Patterns: An Updated Distribution of Fluted Points in Indiana. *North American Archaeologist*, 11: 301-319.

Titus, Steve, and Cally Lence

2005 Phase I Cultural Resources Survey and Assessment of a Proposed, Natural Gas Pipeline Construction Corridor, Spencer County, Indiana. American Resources Group, Ltd. Submitted to Midwest Gas Transmission Company, Inc.

United States Department of Agriculture

2012 Web Soil Survey. Electronic document accessed November 20, 2012.

2002 SOILS_STATS_GO_IN: Soil Associations in Indiana (U.S. Department of Agriculture, 1:250,000, Polygon Shapefile) electronic document http://maps.indiana.edu/layers.html#Environment_Soils

Williamson, H. F. and J. L. Shively

1973 Soil Survey of Spencer County, Indiana. U.S. Department of Agriculture Soil Conservation Service in cooperation with Purdue University Agricultural Experiment Station. U.S. Government Printing Office, Washington, D.C.

Comments:

Curation

Curation Facility for Project Documentation:

INDOT, CRO files

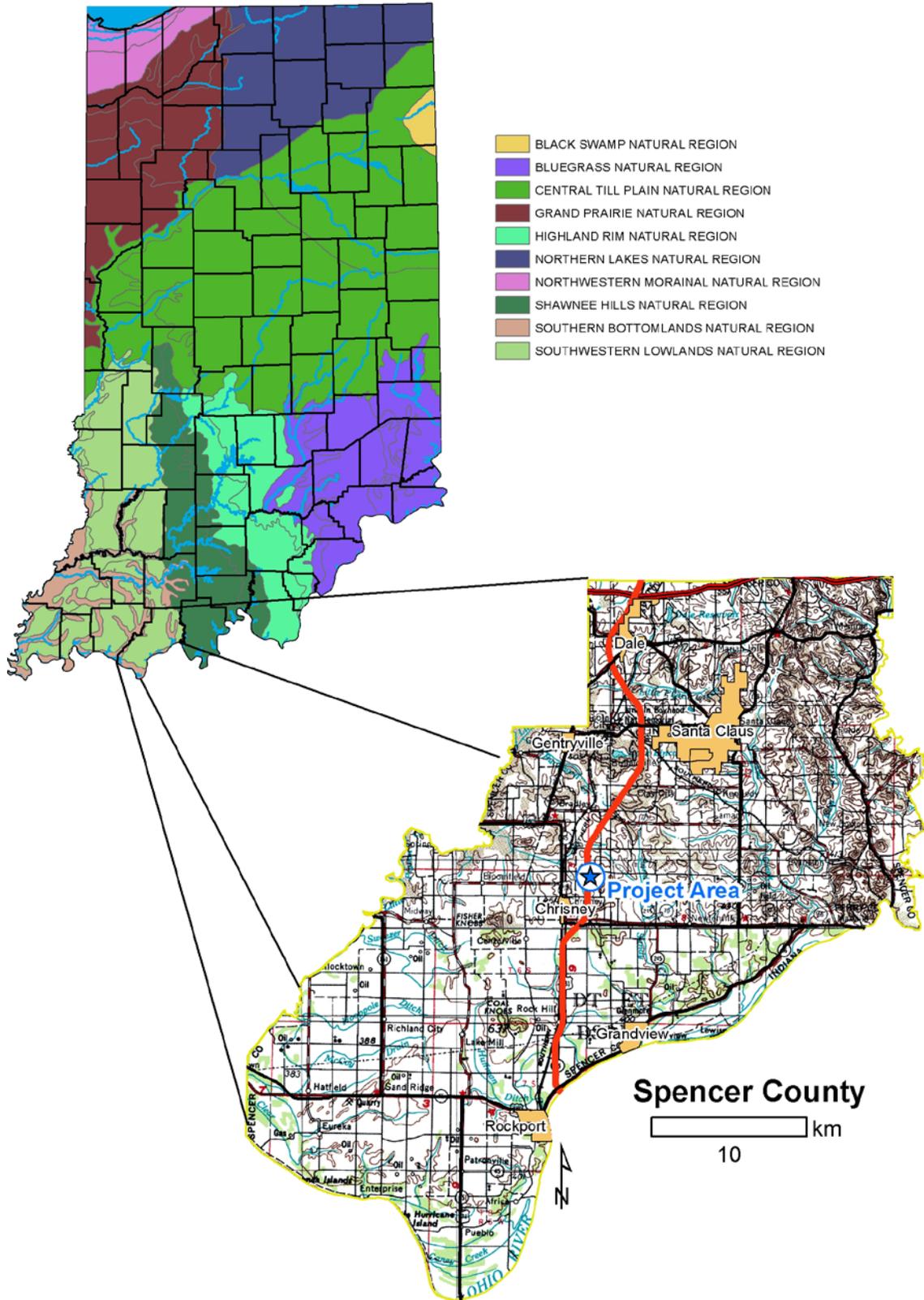
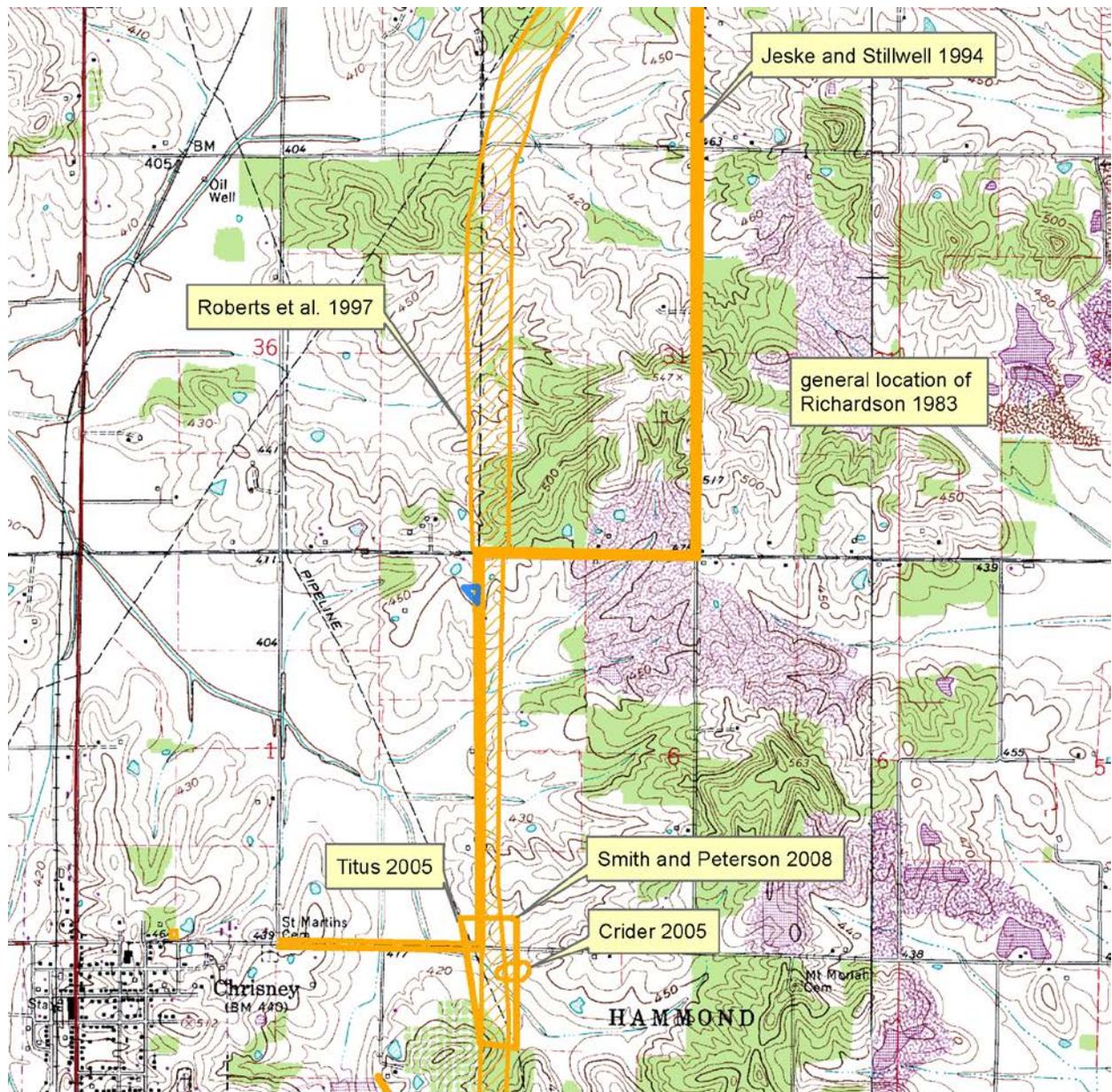
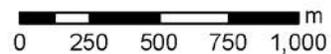


Figure 1. Location of the project area within Spencer County, Indiana.



-  Project Boundary
-  Previous Survey



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

Figure 2. A portion of USGS 7.5' Series Chrisney Indiana topographic quadrangle showing the project area and the location of previous archaeological surveys.



-  Project Boundary
-  Previous Survey

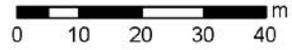


Figure 3: 2010 aerial photograph showing the Parcel #37 and areas previously surveyed (Jeske and Stillwell 1994; Robertson et al. 1997).



Figure 4: Parcel # 16 view to the southeast.



Division of Historic Preservation & Archaeology-402 W. Washington Street, W274-Indianapolis, IN 46204-2739
Phone 317-232-1646-Fax 317-232-0693-dhpa@dnr.IN.gov



December 27, 2012

Patrick A. Carpenter
Manager
Cultural Resources Office, Environmental Services Division
Indiana Department of Transportation
100 North Senate Avenue, Room N642
Indianapolis, Indiana 46204

State Agency: Indiana Department of Transportation ("INDOT")

Re: Indiana archaeological short report (Moffatt, 11/27/12) regarding disposal of INDOT excess parcel #16 along US 231 (LA Code 3097; DHPA No. 14236)

Dear Mr. Carpenter:

Pursuant to Indiana Code 14-21-1-14 the Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology ("DHPA") has conducted a review of the materials dated November 22, 2012, and received by the DHPA on November 29, 2012, for the above indicated project in Grass Township, Spencer County, Indiana.

Based on our analysis, we concur with the archaeological report and no currently known archaeological sites listed in or eligible for inclusion in the National Register of Historic Places ("NRHP") or the Indiana Register of Historic Sites and Structures ("IRHSS") will be altered, demolished, or removed by the above indicated project. Furthermore, we do not believe that any above-ground properties listed in or eligible for inclusion in the NRHP or the IRHSS exist within the named parcel.

If any archaeological artifacts, features, or human remains are uncovered during construction, state law (Indiana Code 14-21-1-27 & 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.

If you have any further questions regarding this determination, please contact the DHPA. Questions about archaeological issues should be directed to Wade T. Tharp at (317) 232-1650 or wtharp1@dnr.IN.gov. Questions about historic buildings or structures pertaining to this project should be directed to Chad Slider at (317) 234-5366 or cslider@dnr.IN.gov. Additionally, in all future correspondence regarding the above indicated project, please refer to DHPA No. 14236.

Very truly yours,

James A. Glass, Ph.D.
Director, Division of Historic Preservation & Archaeology

JAG:CWS:WTT:wt

emc: Steve Harless, Indiana Department of Administration
Michael J. Kuehl, Colliers International
Patrick A. Carpenter, Indiana Department of Transportation
Mary Kennedy, Indiana Department of Transportation
Shaun Miller, Indiana Department of Transportation
Melany Prather, Indiana Department of Transportation

Attachment 4

Red Flag Investigation



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: October 18, 2012

To: Brittney Smith
Environmental/Scoping Engineer
Indiana Department of Transportation
3650 US Hwy 41 South
Vincennes, IN 47591

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

Re: RED FLAG INVESTIGATION
LA Code 3097 Parcel 16
Excess Parcel Disposal
SR 231
Spencer County, Indiana

NARRATIVE

This RFI is being performed for the sale of an excess parcel. The subject parcel was acquired by INDOT for right-of-way purposes for Des. No. 926136A. 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 Parcel 16, which is located on SR 231 approximately, is as follows:

LA3097 Parcel 16

A part of the Northeast Quarter of the Northeast Quarter of Section 1, Township 6 South, Range 6 West, Spencer County, Indiana, and being Parcel 16- Excess Land, Indiana Department of Transportation L.A. Code 3097, described as follows: Beginning at a point on the east line of said section South 0 degrees 12 minutes 09 seconds East 142.189 meters (466.50 feet) from the northeast corner of said section, said northeast corner being designated as point "4007" on the Location Control Route Survey Plat, Project NH-075-3(015), recorded in Instrument No. 994321 in the office of the Recorder of the aforesaid county, which point of beginning is the southeast corner of a 5-acre exception described in Deed Record 184, page 481; thence South 0 degrees 12 minutes 09 seconds East 66.911 meters (219.52) along said east line; thence North 40 degrees 41 minutes 28 seconds West 88.151 meters (289.21) to the south line of said 5-acre exception; thence North 89 degrees 55 minutes 42 seconds East 57.236 meters (187.78 feet) along said south line to the point of beginning containing 0.1915 hectares (0.473 acres), more or less, inclusive of the presently existing right-of-way which contains 0.0448 hectares (0.110 acres), more or less. The portion of the above-described real estate which is not already embraced within the presently existing right-of-way contains 0.1467 hectares (0.363 acres), more or less.

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	N/A	Airports	N/A
Cemeteries	N/A	Hospitals	N/A
Railroads	N/A	Recreational Facilities	N/A
Religious Facilities	N/A	Schools	N/A
Trails	N/A	Pipelines	N/A
Managed Lands	N/A		

Explanation: There are no items of concern within in the ½ mile buffer.

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	N/A	Floodplain-DFIRM	N/A
NWI Wetland Polygons	12	NWI Wetland Points	1
Rivers & Streams	5	Lakes	10
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 Polygons: There are twelve (12) wetlands located within the ½ mile buffer of the parcels. No impact is expected from the sale of the parcel.

Rivers and Streams: There are five (5) intermittent/perennial streams located within the ½ mile buffer, the nearest being an unnamed stream/river just to the west of the northwest corner of the parcel approximately 345 meters. No impact is expected from the sale of the parcel.

Lakes: There are ten (10) perennial lakes/ponds located within the ½ mile buffer, the nearest being just to the west of the northwest corner of the parcel approximately 55 meters. No impact is expected from the sale of the 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	3	Petroleum Fields	N/A
Mines – Surface	3	Mines – Underground	N/A

Explanation:

Petroleum Wells: There are three (3) petroleum wells, which are presumed to be plugged, located in the ½ mile buffer. No impact is expected from the sale of the parcel.

Mines/Surface: There are three (3) surface mines, which are presumed to be closed, located within the ½ mile buffer, the nearest bordering the eastern side of the parcel. No impact is expected from the sale of the parcel.

Ecological Information

The Spencer 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 parcels. Sale of the subject parcels is not expected to impact ETR species or high quality natural communities.

Cultural Resources

A request for review by the Cultural Resources Section was made by Brittney Smith on October 17, 2012.

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	N/A
Manufactured Gas Plant Sites	N/A	Industrial Waste Sites	N/A
Underground Storage Tanks (USTs)	N/A	Leaking Underground Storage Tanks (LUSTs)	N/A
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	1		

Explanation:

NPDES Pipe Locations: There is one (1) NPDES Pipe Location located within the ½ mile buffer. No impact is expected from the sale of the parcels.

RECOMMENDATIONS

INFRASTRUCTURE: N/A

WATER RESOURCES: N/A

MINING/MINERAL EXPLORATION: N/A

ECOLOGICAL INFORMATION: N/A

CULTURAL RESOURCES: A request for review by the Cultural Resources Section was made by Brittney Smith on October 17, 2012.

HAZMAT CONCERNS: N/A

INDOT Environmental Services concurrence: _____(Signature)

Prepared by:
Karen Frantsi
NEPA Specialist
INDOT 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. If there is not a section map included, please change the YES to N/A:

GENERAL SITE MAP SHOWING PROJECT AREA: YES

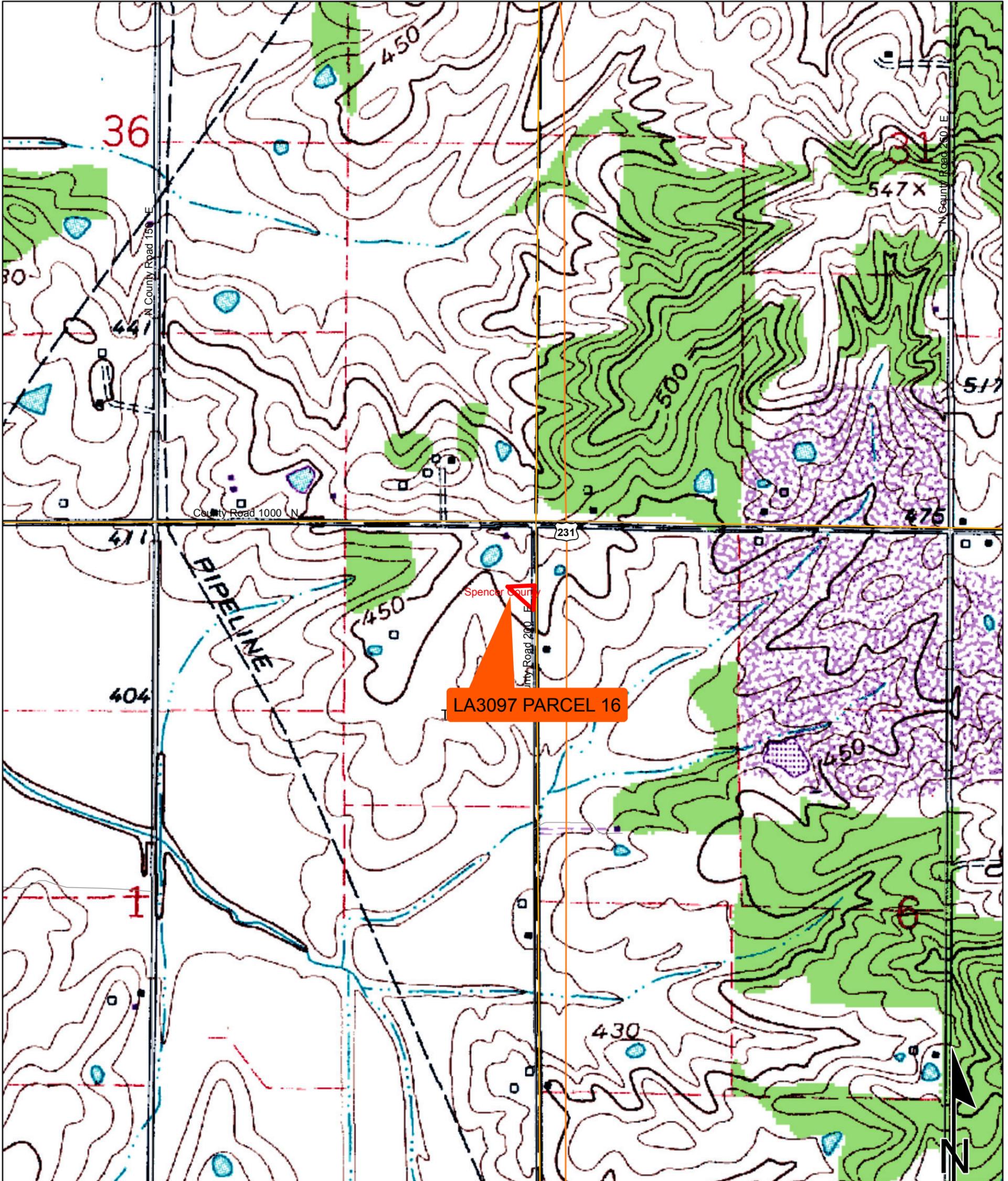
INFRASTRUCTURE: N/A

WATER RESOURCES: YES

MINING/MINERAL EXPLORATION: Yes

HAZMAT CONCERNS: YES

Red Flag Investigation -Location Map
US 231
LA 3097, Parcel 16, Excess Land
Spencer County, Indiana



Sources: 0.15 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)
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.

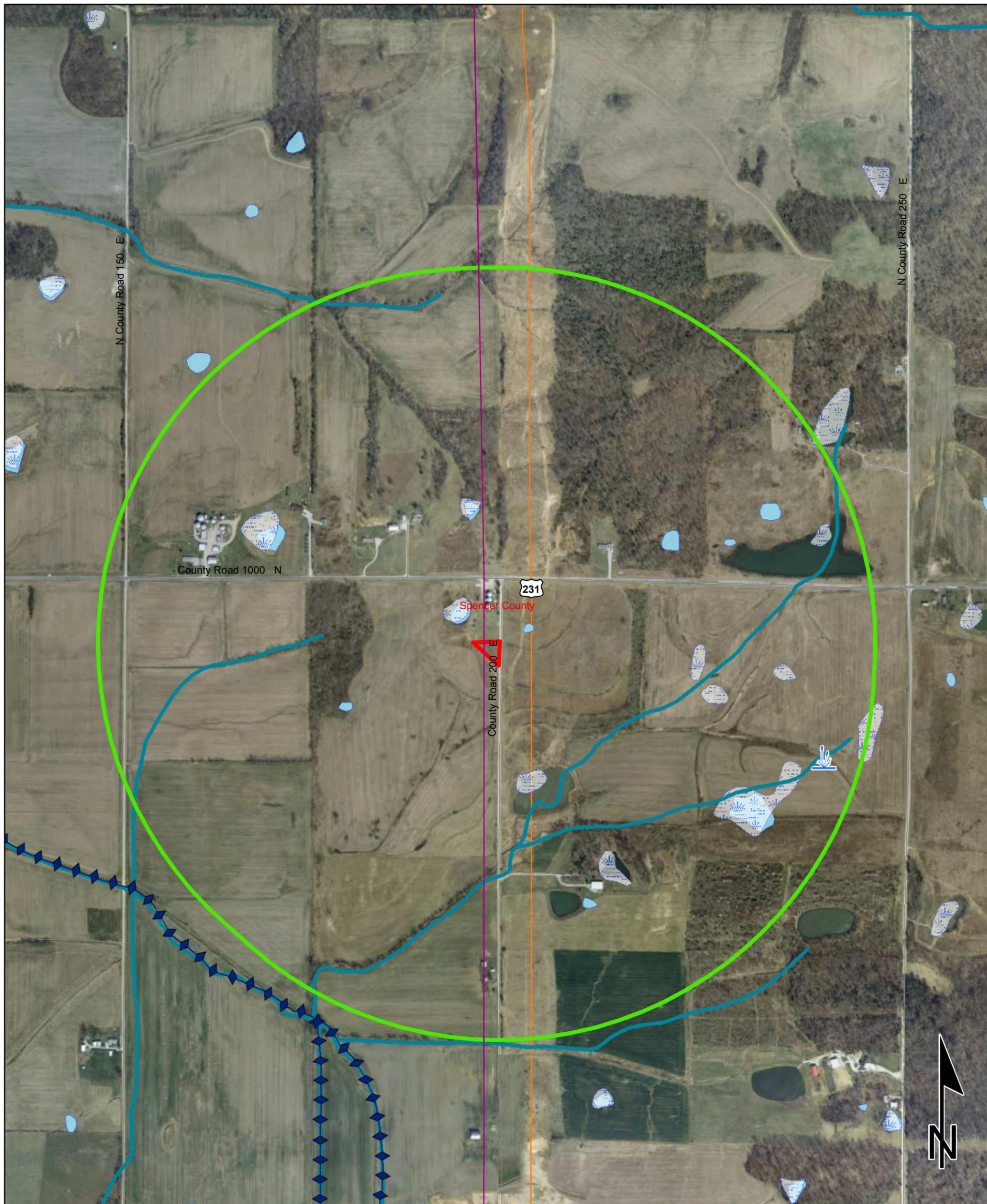
DALE QUADRANGLE
INDIANA
7.5 MINUTE SERIES
(TOPOGRAPHIC)

Red Flag Investigation -Water Resources

US 231

LA 3097, Parcel 16, Excess Land

Spencer County, Indiana



Sources: 0.2 0 0.2 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.

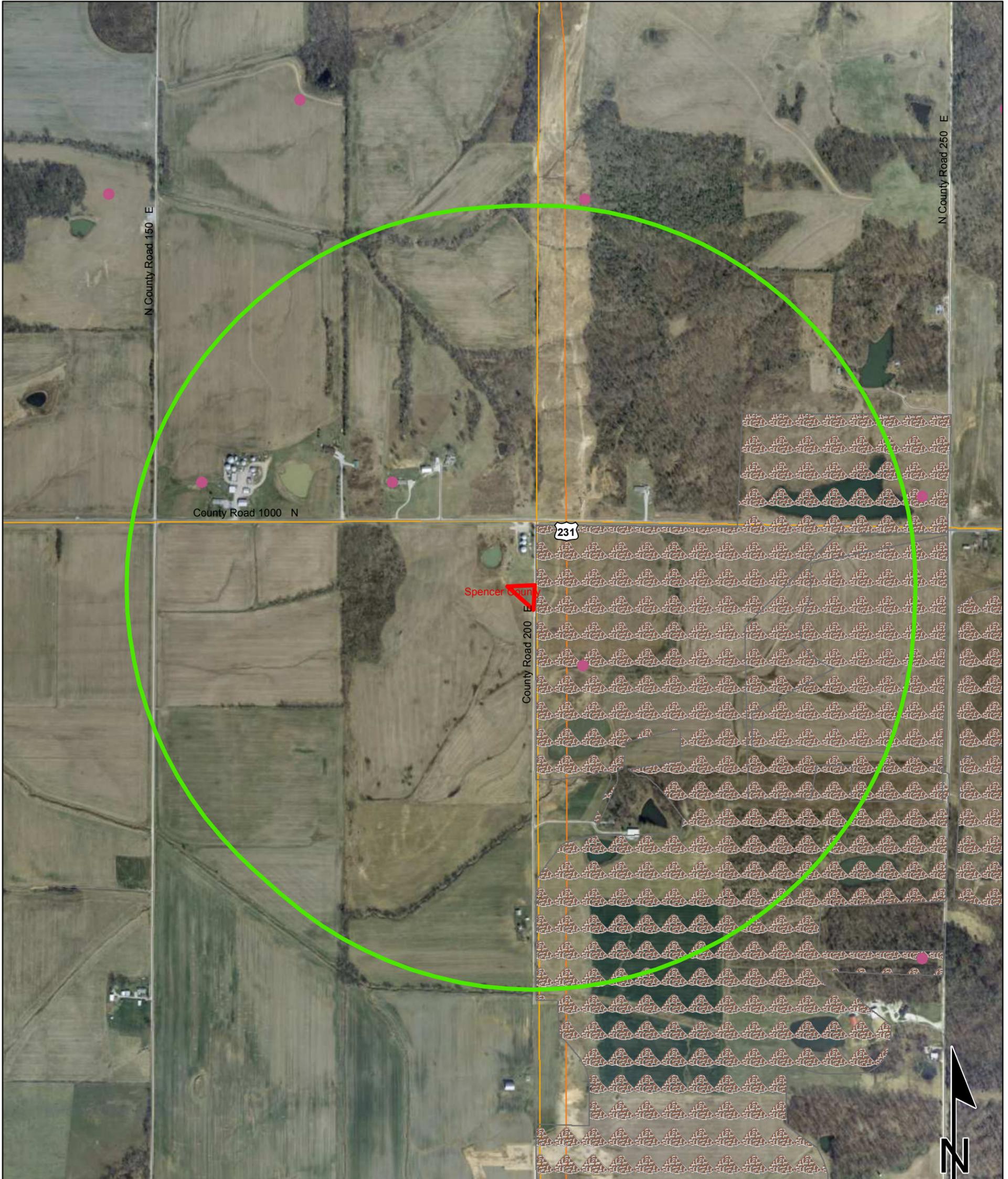
	NWI - Point		Wetlands		Project Area
	Karst Spring		Lake - Impaired		Half Mile Radius
	Canal Structure - Historic		Lake		Interstate
	NWI- Line		Floodplain - DFIRM		State Route
	Stream - Impaired		Cave Entrance Density		US Route
	River		Sinkhole Area		Local Road
	Canal Route - Historic		Sinking-Stream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

Red Flag Investigation -Mining/Mineral Exploration

US 231

LA 3097, Parcel 16, Excess Land

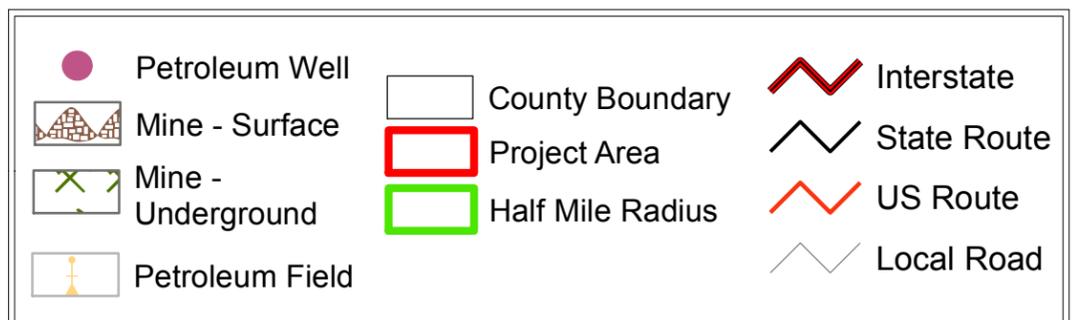
Spencer County, Indiana



0.15 0 0.15 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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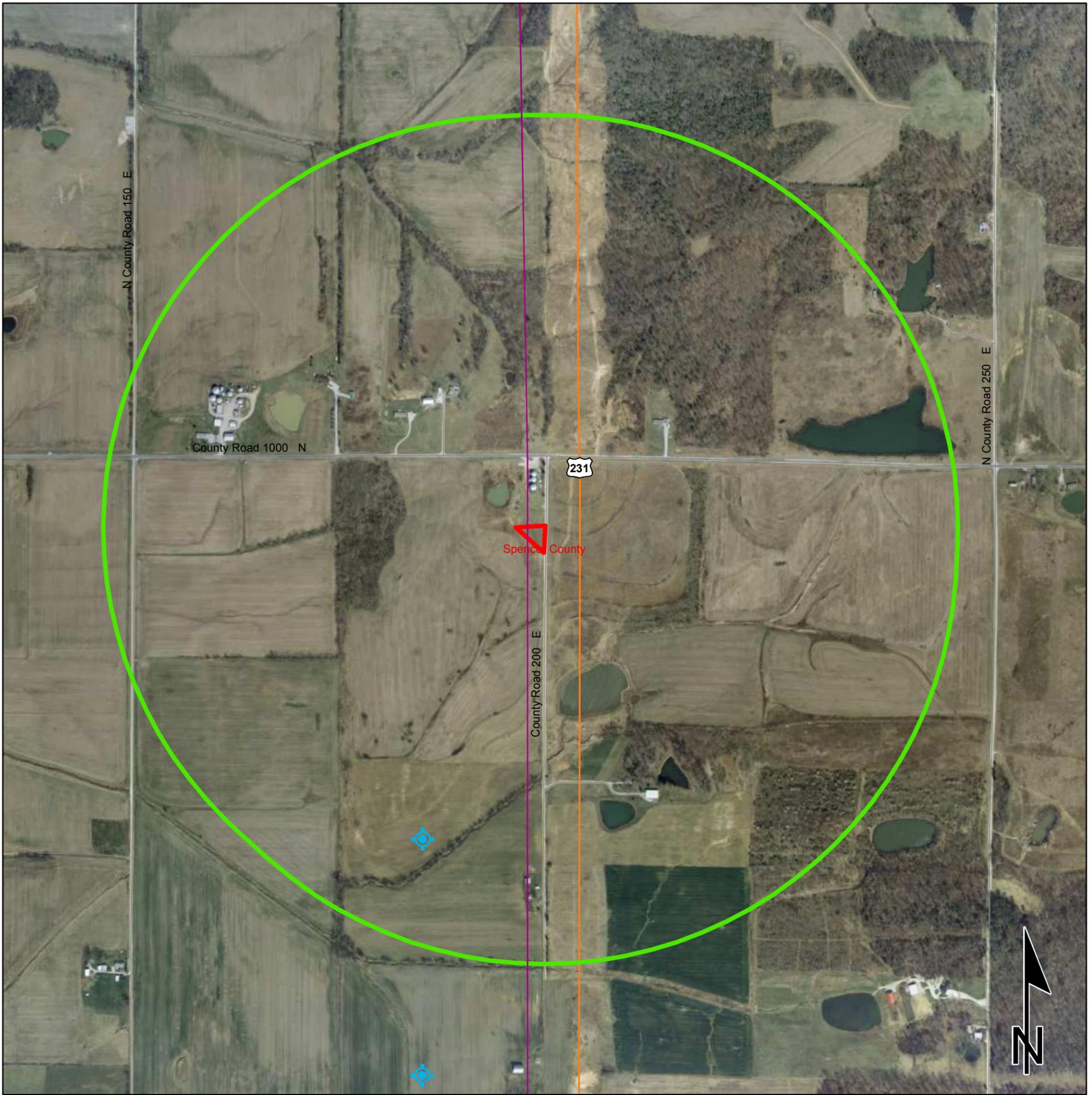


Red Flag Investigation -HazMat Concerns

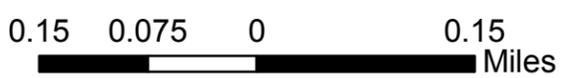
US 231

LA 3097, Parcel 16, Excess Land

Spencer County, Indiana



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



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

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

Indiana County Endangered, Threatened and Rare Species List

County: **Spencer**

Species Name	Common Name	FED	STATE	GRANK	SRANK
Mollusk: Bivalvia (Mussels)					
Plethobasus cyphus	Sheepnose	C	SE	G3	S1
Pleurobema cordatum	Ohio Pigtoe		SSC	G4	S2
Quadrula cylindrica cylindrica	Rabbitsfoot	C	SE	G3G4T3	S1
Fish					
Acipenser fulvescens	Lake Sturgeon		SE	G3G4	S1
Amphibian					
Acris crepitans blanchardi	Northern Cricket Frog		SSC	G5	S4
Scaphiopus holbrookii	Eastern Spadefoot		SSC	G5	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
Buteo lineatus	Red-shouldered Hawk		SSC	G5	S3
Helmitheros vermivorus	Worm-eating Warbler		SSC	G5	S3B
Ictinia mississippiensis	Mississippi Kite		SSC	G5	S1B
Lanius ludovicianus	Loggerhead Shrike	No Status	SE	G4	S3B
Sternula antillarum athalassos	Interior Least Tern	LE	SE	G4T2Q	S1B
Tyto alba	Barn Owl		SE	G5	S2
Mammal					
Lynx rufus	Bobcat	No Status	SSC	G5	S1
Myotis grisescens	Gray Bat	LE	SE	G3	S1
Sylvilagus aquaticus	Swamp Rabbit		SE	G5	S1
Taxidea taxus	American Badger		SSC	G5	S2
Vascular Plant					
Acalypha deamii	Mercury		SR	G4?	S2
Armoracia aquatica	Lake Cress		SE	G4?	S1
Calycocarpum lyonii	Cup-seed		ST	G5	S2
Carex bushii	Bush's Sedge		ST	G4	S1
Carex socialis	Social Sedge		SR	G4	S2
Catalpa speciosa	Northern Catalpa		SR	G4?	S2
Chelone obliqua var. speciosa	Rose Turtlehead		WL	G4T3	S3
Crataegus viridis	Green Hawthorn		ST	G5	S2
Crotonopsis elliptica	Elliptical Rushfoil		SE	G5	S1
Cyperus acuminatus	Short-point Flatsedge		WL	G5	S3
Cyperus pseudovegetus	Green Flatsedge		SR	G5	S2
Didiplis diandra	Water-purslane		SE	G5	S2
Eleocharis wolfii	Wolf Spikerush		SR	G3G4	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: Spencer

Species Name	Common Name	FED	STATE	GRANK	SRANK
<i>Fimbristylis annua</i>	Annual Fimbry		SE	G5	S1
<i>Hypericum denticulatum</i>	Coppery St. John's-wort		ST	G5	S2
<i>Iresine rhizomatosa</i>	Eastern Bloodleaf		SR	G5	S2
<i>Isoetes melanopoda</i>	Blackfoot Quillwort		ST	G5	S1
<i>Ludwigia decurrens</i>	Primrose Willow		WL	G5	S2
<i>Passiflora incarnata</i>	Purple Passion-flower		SR	G5	S2
<i>Perideridia americana</i>	Eastern Eulophus		SE	G4	S1
<i>Phlox pilosa</i> ssp. <i>deamii</i>			SE	G5T3T4	S1
<i>Platanthera peramoena</i>	Purple Fringeless Orchis		WL	G5	S3
<i>Poa wolfii</i>	Wolf Bluegrass		SR	G4	S2
<i>Prenanthes aspera</i>	Rough Rattlesnake-root		SR	G4?	S2
<i>Ranunculus pusillus</i>	Pursh Buttercup		SE	G5	S1
<i>Rhexia mariana</i> var. <i>mariana</i>	Maryland Meadow Beauty		ST	G5T5	S1
<i>Rhynchospora corniculata</i> var. <i>interior</i>	Short-bristle Horned-rush		ST	G5TNR	S2
<i>Saxifraga virginensis</i>	Virginia Saxifrage		WL	G5	S3
<i>Selaginella apoda</i>	Meadow Spike-moss		WL	G5	S1
<i>Stenanthium gramineum</i>	Eastern Featherbells		ST	G4G5	S1
<i>Strophostyles leiosperma</i>	Slick-seed Wild-bean		ST	G5	S2
<i>Thalictrum pubescens</i>	Tall Meadowrue		ST	G5	S2
<i>Trifolium reflexum</i> var. <i>glabrum</i>	Buffalo Clover		SE	G5T2T4Q	S1
High Quality Natural Community					
Barrens - clay	Clay Barrens		SG	GNR	S1
Forest - flatwoods dry	Dry Flatwoods		SG	G2?	S2
Forest - floodplain mesic	Mesic Floodplain Forest		SG	G3?	S1
Forest - floodplain wet	Wet Floodplain Forest		SG	G3?	S3
Forest - floodplain wet-mesic	Wet-mesic Floodplain Forest		SG	G3?	S3
Forest - upland dry	Dry Upland Forest		SG	G4	S4
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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