

Categorical Exclusion
Appendix I
Additional Studies

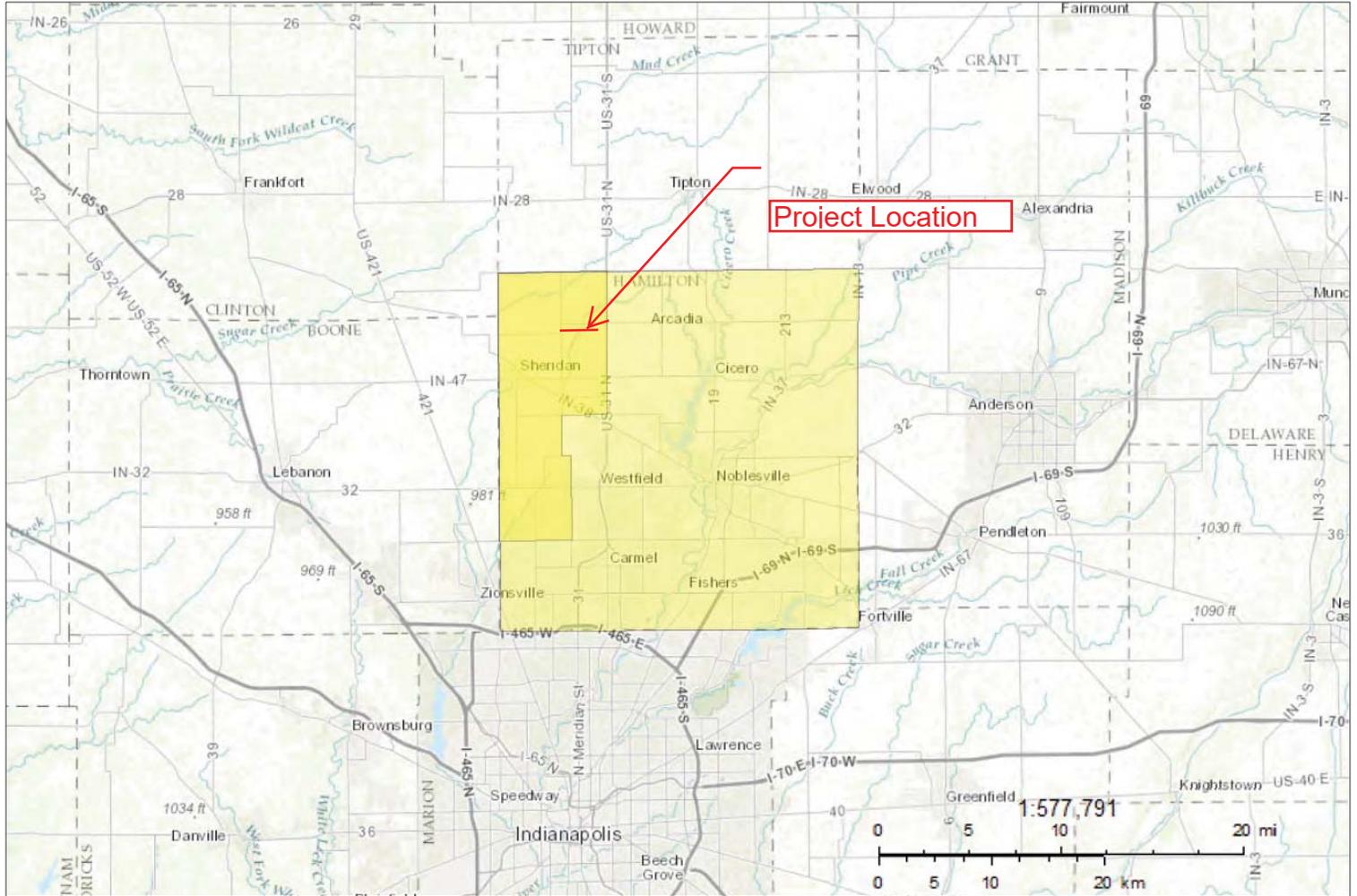
Environmental Justice

Analysis of One Census Tract in Hamilton County, Indiana

	COC	AC 1	
	Hamilton County, Indiana	Census Tract 1103, Hamilton County, Indiana	
LOW-INCOME			
B17001001	Population for whom poverty status is determined: Total	287,847	13,487
B17001002	Population for whom poverty status is determined: Income in past 12 months below poverty level	13,901	1,166
	Percent Low-income	4.8%	8.6%
	125 Percent of COC	6.0%	AC >125% COC
	Potential Low-income EJ Impact?		Yes
MINORITY			
B03002001	Total population: Total	289722	13511
B03002002	Total population: Not Hispanic or Latino	279223	12900
B03002003	Total population: Not Hispanic or Latino; White alone	247571	12164
B03002004	Total population: Not Hispanic or Latino; Black or African American alone	9890	159
B03002005	Total population: Not Hispanic or Latino; American Indian and Alaska Native alone	325	54
B03002006	Total population: Not Hispanic or Latino; Asian alone	14834	240
B03002007	Total population: Not Hispanic or Latino; Native Hawaiian and Other Pacific Islander alone	39	0
B03002008	Total population: Not Hispanic or Latino; Some other race alone	579	0
B03002009	Total population: Not Hispanic or Latino; Two or more races	5985	283
B03002010	Total population: Hispanic or Latino	10499	611
B03002011	Total population: Hispanic or Latino; White alone	6994	225
B03002012	Total population: Hispanic or Latino; Black or African American alone	225	0
B03002013	Total population: Hispanic or Latino; American Indian and Alaska Native alone	18	0
B03002014	Total population: Hispanic or Latino; Asian alone	0	0
B03002015	Total population: Hispanic or Latino; Native Hawaiian and Other Pacific Islander alone	0	0
B03002016	Total population: Hispanic or Latino; Some other race alone	2227	386
B03002017	Total population: Hispanic or Latino; Two or more races	1035	0
	Number Non-white/minority (B03002001-B03002003)	42,151	1,347
	Percent Non-white/Minority	14.5%	10.0%
	125 Percent of COC	18.2%	AC <125% COC
	Potential Minority EJ Impact?		No



Environmental Justice



Legend:

Your Selections

2014 boundaries were used to map 'Your Selections'

Selection Results

No Legend

Boundaries

No Legend



B03002

HISPANIC OR LATINO ORIGIN BY RACE

Universe: Total population

2010-2014 American Community Survey 5-Year Estimates

Note: This is a modified view of the original table.

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

	Hamilton County, Indiana		Census Tract 1103, Hamilton County, Indiana	
	Estimate	Margin of Error	Estimate	Margin of Error
Total:	289,722	*****	13,511	+/-477
Not Hispanic or Latino:	279,223	*****	12,900	+/-578
White alone	247,571	+/-392	12,164	+/-585
Black or African American alone	9,890	+/-578	159	+/-123
American Indian and Alaska Native alone	325	+/-134	54	+/-82
Asian alone	14,834	+/-488	240	+/-92
Native Hawaiian and Other Pacific Islander alone	39	+/-43	0	+/-18
Some other race alone	579	+/-391	0	+/-18
Two or more races:	5,985	+/-807	283	+/-213
Hispanic or Latino:	10,499	*****	611	+/-402
White alone	6,994	+/-703	225	+/-153
Black or African American alone	225	+/-231	0	+/-18
American Indian and Alaska Native alone	18	+/-29	0	+/-18
Asian alone	0	+/-27	0	+/-18
Native Hawaiian and Other Pacific Islander alone	0	+/-27	0	+/-18
Some other race alone	2,227	+/-618	386	+/-386
Two or more races:	1,035	+/-397	0	+/-18

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

While the 2010-2014 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '****' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.



B17001

POVERTY STATUS IN THE PAST 12 MONTHS BY SEX BY AGE

Universe: Population for whom poverty status is determined
2010-2014 American Community Survey 5-Year Estimates

Note: This is a modified view of the original table.

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

	Hamilton County, Indiana		Census Tract 1103, Hamilton County, Indiana	
	Estimate	Margin of Error	Estimate	Margin of Error
Total:	287,847	+/-353	13,487	+/-477
Income in the past 12 months below poverty level:	13,901	+/-1,649	1,166	+/-512
Male:	5,814	+/-895	473	+/-248
Female:	8,087	+/-887	693	+/-320
Income in the past 12 months at or above poverty level:	273,946	+/-1,752	12,321	+/-636

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

While the 2010-2014 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2010-2014 American Community Survey 5-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '****' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.

8. An '(X)' means that the estimate is not applicable or not available.

Jaime Byerly

From: Bales, Ronald <rbales@indot.IN.gov>
Sent: Thursday, December 15, 2016 8:35 AM
To: Jaime Byerly
Cc: Joseph Dabkowski; Kyle J. Boot; Harrington, Susan; Hall, Erin
Subject: RE: 236th Street Road Improvements Project (1400760) Environmental Justice
Attachments: ProjectArea_20161110.pdf; EJ_Packet.pdf

INDOT-Environmental Services Division (ES) has reviewed the project information along with the Environmental Justice (EJ) Analysis for the above referenced project. The project would require strip right-of-way, require no relocations, and will not disrupt community cohesion or create a physical barrier. With the information provided, INDOT-ES would not consider the impacts associated with this project as causing a disproportionately high and adverse effect on minority and/or low incomes populations of EJ concern relative to non EJ populations in accordance with the provisions of Executive Order 12898 and FHWA Order 6640.23a. No further EJ Analysis is required.

Should the scope of work change or the amount of right-of-way, INDOT-ES should be contacted immediately to determine if the EJ Analysis would need to be reinitiated.

Thank you.

Ron Bales

Environmental Policy Manager

100 North Senate Ave., Room 642

Indianapolis, IN 46204

Office: (317) 234-4916

Email: rbales@indot.in.gov



From: Jaime Byerly [mailto:jbyerly@RQAW.com]
Sent: Thursday, November 10, 2016 9:20 AM
To: Bales, Ronald <rbales@indot.IN.gov>
Cc: Joseph Dabkowski <jdabkowski@RQAW.com>; Kyle J. Boot <KBoot@RQAW.com>; Harrington, Susan <SHarrington@indot.IN.gov>
Subject: RE: 236th Street Road Improvements Project (1400760) Environmental Justice

This is an ENVIRONMENTAL email Exercise caution DO NOT open attachments or click links from unknown senders or unexpected email

Ron,

See attached for an aerial depicting right-of-way limits. Approximately 14.68 acres of permanent right-of-way is expected. The project will not involve any relocations.

Impacts to adjacent properties will consist of strip right-of-way acquisition and typical inconveniences associated with the construction. Construction will be phased to limit impacts; significant, long term disruption is not expected. Access to all properties will be maintained throughout construction. Following construction, the project will provide safer conditions for emergency vehicles and improved traffic flow.

As for logical termini, the limits extend from just east of the bridge carrying 236th Street over Teter Branch (2.2 miles west of US 31) and extends east until it intersects with US 31. The limits were chosen based on (1) the bridge carrying 236th Street over Teter Branch was recently replaced per another project and (2) the 236th Street/US 31 Intersection will be reconstructed as an interchange in the near future. Logical termini will be discussed in the CE.

Let us know if you need additional information.

Thanks,
Jaime

From: Bales, Ronald [<mailto:rbales@indot.IN.gov>]
Sent: Wednesday, November 09, 2016 3:22 PM
To: Jaime Byerly
Cc: Joseph Dabkowski; Kyle J. Boot; Harrington, Susan
Subject: RE: 236th Street Road Improvements Project (1400760) Environmental Justice

What are the impacts to the adjacent properties, right acquisition, acreages, relocations, etc? I believe we had discussions on this previously, but please ensure that logical termini is discussed in great detail in the NEPA document.

Ron Bales
INDOT-ES

From: Jaime Byerly [<mailto:jbyerly@RQAW.com>]
Sent: Wednesday, August 10, 2016 10:17 AM
To: Bales, Ronald <rbales@indot.IN.gov>
Cc: Joseph Dabkowski <jdabkowski@RQAW.com>; Kyle J. Boot <KBoot@RQAW.com>
Subject: 236th Street Road Improvements Project (1400760) Environmental Justice

This is an E TE NAL email E ercise caution O NOT open attachments or click links from unknown senders or une pected email

Ron,

We are working on a CE for a road improvements project along 236th Street in Hamilton County. The project begins just east of the bridge carrying 236th Street over Teter Branch (2.2 miles west of US 31) and extends east until it intersects with US 31. The project will increase the current 11-foot travel lanes and 2-foot shoulders to 15-foot travel lanes and 4-foot shoulders (12-foot travel lanes and curb with 2-foot curb offset will be provided in the Bakers Corner area to minimize impacts there). The intersection with US 31 will only be milled and resurfaced due construction of the future interchange. Please review attached EJ information (map and analysis) and provide input if this project would be an EJ concern. Let me know if you need additional information.

Thanks,
Jaime

Jaime Byerly
NEPA Specialist

RQAW Corporation
10401 North Meridian Street, Suite 401
Indianapolis, IN 46290-1158
Ph: 317-815-7233
Fax: 317-815-7201
byerly_r_aw.com
www.r_aw.com



November 1, 2016

Hamilton County Highway Department
County Engineer
1700 South 10th Street
Noblesville, IN 46060

Re: Section 4(f) Documentation
DES Number: 1400760
236th Street Improvement Project
On 236 Street from US 31 west for approximately 2.2 miles
Hamilton County, Indiana

Dear Mr. Joel Thurman,

Hamilton County and the Federal Highway Administration (FHWA) propose to proceed with a road improvements project (DES Number 1400760). The project is located on 236th Street and begins just east of the bridge carrying 236th Street over Teter Branch (2.2 miles west of US 31) and extends east until it intersects with US 31. Please see attached map showing the project location.

As you are aware, the project will widen the existing travel lanes and shoulders in each direction. Measures to limit impacts within the Bakers Corner area will be implemented; a storm sewer will also be constructed in that area. The project will also construct new ditches where appropriate. The 236th Street/US 31 Intersection will only be milled and resurfaced due to construction of the future interchange.

Per the Hamilton County's 2007 Thoroughfare Plan (<http://www.hamiltoncounty.in.gov/DocumentCenter/View/4667>) (maps A-9 and A-10), one potential trail is located along the entire project area. As part of the environmental documentation for this project, we need to evaluate any potential impacts to public recreational properties, including proposed trails. Per previous coordination with you in August, federal funds had been established for a path/trail along 236th Street east of US 31 with preliminary design available for that trail segment. However, it was noted that funding had not been established for any path/trail west of US 31 and that constructing a path/trail within the project area may be evaluated in the future. If this information is still accurate, will you please confirm via signing this letter? If you have any questions, please contact Jaime Byerly at RQAW, at 317.815.7200 or at jbyerly@rqaw.com.

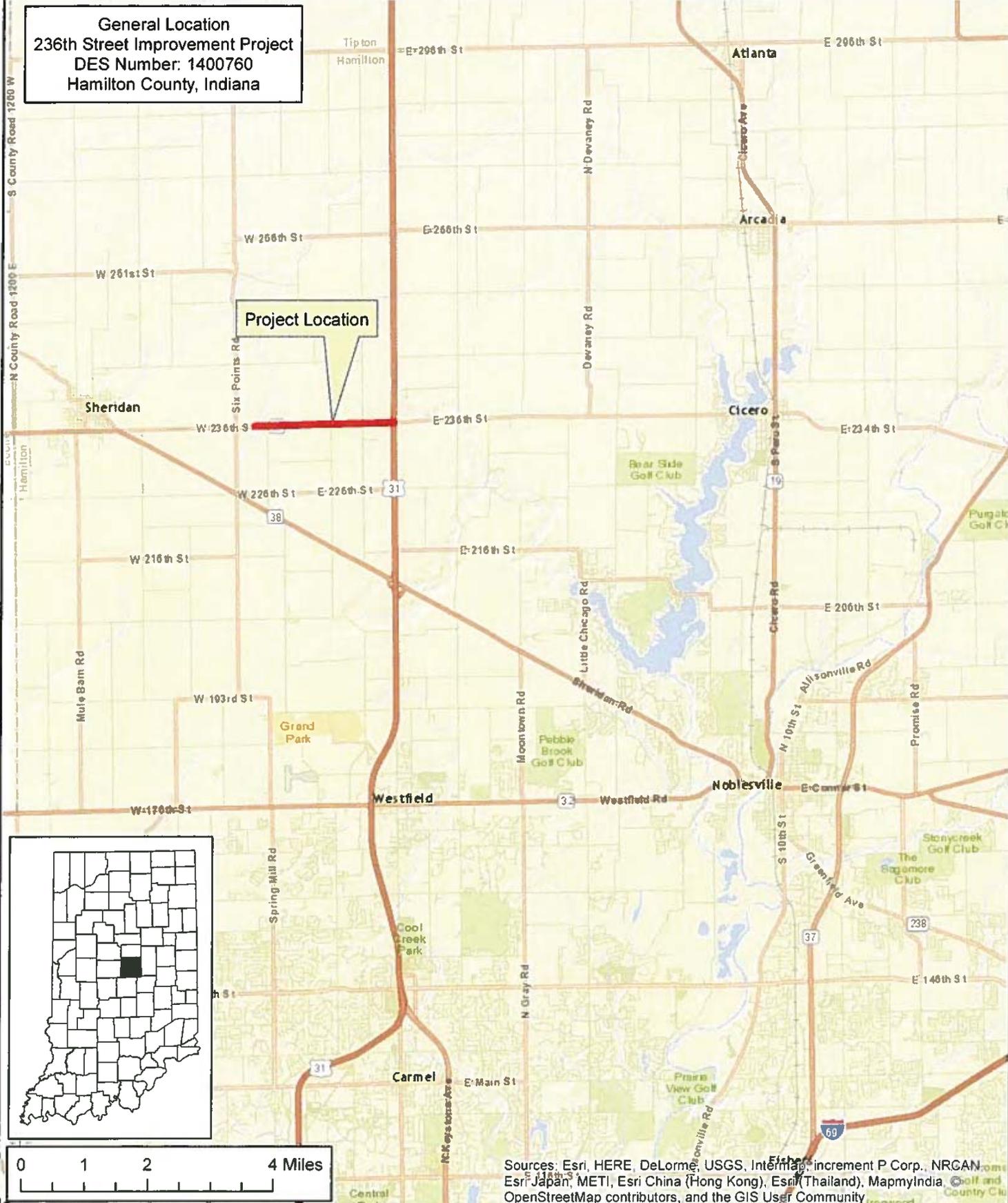
Sincerely,

Jaime Byerly
Environmental Department
RQAW Corporation

I, Joel Thurman, concur the above information is correct and the project will not impact any proposed trails within the project area. The proposed trail in question west of US 31 is not currently being considered for funding or construction.

Attachment: project location map

General Location
236th Street Improvement Project
DES Number: 1400760
Hamilton County, Indiana



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, OpenStreetMap contributors, and the GIS User Community



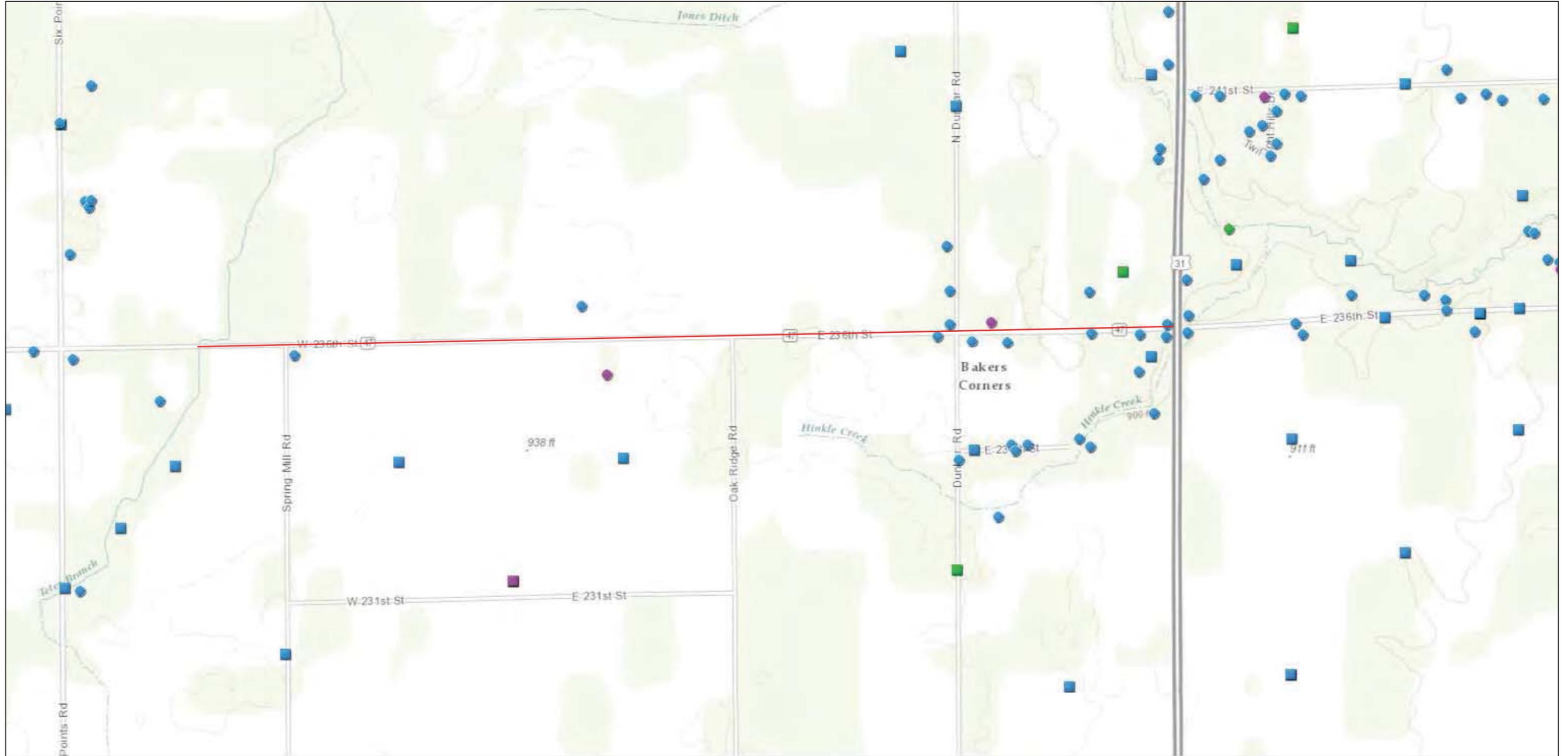
ROAW
 CONSULTING ENGINEERS & ARCHITECTS
 10401 North Meridian Street, Suite 401
 Indianapolis, IN 46290

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

Map Datum: NAD 83
 Map Projection: UTM Zone 16 North



Indiana DNR Water Well Viewer



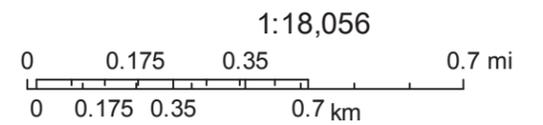
September 15, 2016

Boreholes Drilled to Bedrock Unspecified Well Type

- Other
- Other
- Field Located
- Field Located

Unconsolidated Wells

- Other
- Field Located



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

**United States Department of the Interior
National Park Service
Land & Water Conservation Fund**

Detailed Listing of Grants Grouped by County

Today's Date: 8/22/2016

INDIANA - 18

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Grant ID & Element	Type	Grant Element Title	Grant Sponsor	Amount	Status	Date Approved	Exp. Date	Cong. District
HAMILTON								
17 - XXX	D	FOREST PARK DEVELOPMENT	NOBLESVILLE PARK BOARD	\$8,383.88	C	12/17/1969	12/31/1969	6
58 - XXX	A	FOREST PARK ADDITION	NOBLESVILLE PARK BOARD	\$45,744.50	C	5/8/1969	12/31/1970	6
128 - XXX	C	MORSE PARK	HAMILTON COUNTY PARK BOARD	\$142,332.00	C	12/6/1972	6/30/1975	6
198 - XXX	D	TRI-TOWN COMMUNITY PARK	CICERO PARK BOARD	\$34,242.81	C	5/6/1975	12/31/1977	6
236 - XXX	D	FOREST PARK POOL	HAMILTON COUNTY PARK BOARD	\$125,000.00	C	2/3/1976	6/30/1978	6
493 - XXX	C	FLOWING WELL PARK	CARMEL/CLAY TWP PARK BOARD	\$75,000.00	C	4/23/1993	6/30/1998	6
502 - XXX	D	COOL CREEK PARK NATURE CENTER	HAMILTON COUNTY PARK BOARD	\$75,000.00	C	5/20/1994	6/30/1999	6
519 - XXX	C	KOTEEWI PARK ACQUISITION & DEVELOPMENT	HAMILTON COUNTY PARK BOARD	\$200,000.00	C	9/6/2000	12/31/2005	5
551 - XXX	C	D/MACGREGOR PARK	WASHINGTON TOWNSHIP PARK BOARD	\$200,000.00	C	3/9/2005	12/31/2007	0
Hamilton County Total:				\$905,703.19		County Count:	9	
HANCOCK								
350 - XXX	D	RILEY PARK AND POOL RENOVATION	GREENFIELD PARK BOARD	\$220,000.00	C	1/30/1979	12/31/1983	6
552 - XXX	C	BECKENHOLDT PARK	GREENFIELD PARK BOARD	\$200,000.00	C	4/19/2005	12/31/2009	5
561 - XXX	C	SUGAR CREEK TOWNSHIP PARK	SUGAR CREEK PARK BOARD	\$200,000.00	C	9/7/2006	12/31/2009	5
575 - XXX	D	BECKENHOLDT PARK PHASE II	GREENFIELD PARK & RECREATION BOARD	\$156,466.00	C	4/15/2011	12/31/2015	0
Hancock County Total:				\$776,466.00		County Count:	4	



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Bloomington Ecological Services Field Office
620 SOUTH WALKER STREET
BLOOMINGTON, IN 47403
PHONE: (812)334-4261 FAX: (812)334-4273

URL: www.fws.gov/midwest/Endangered/section7/s7process/step1.html

Consultation Code: 03E12000-2016-SLI-0672

August 24, 2016

Event Code: 03E12000-2016-E-00414

Project Name: 236th Street Improvement Project

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

To Whom It May Concern:

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

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

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

Please use the species list provided and visit the U.S. Fish and Wildlife Service's Region 3 Section 7 Technical Assistance website at - <http://www.fws.gov/midwest/endangered/section7/s7process/index.html>. This website contains step-by-step instructions which will help you determine if your project will have an adverse effect on listed species and will help lead you through the Section 7 process.

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

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

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

Attachment



United States Department of Interior
Fish and Wildlife Service

Project name: 236th Street Improvement Project

Official Species List

Provided by:

Bloomington Ecological Services Field Office

620 SOUTH WALKER STREET

BLOOMINGTON, IN 47403

(812) 334-4261

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

Consultation Code: 03E12000-2016-SLI-0672

Event Code: 03E12000-2016-E-00414

Project Type: TRANSPORTATION

Project Name: 236th Street Improvement Project

Project Description: The project is located on 236th Street and begins just east of the bridge carrying 236th Street over Teter Branch (2.2 miles west of US 31) and extends east until it intersects with US 31. The project is within Hamilton County, Indiana. It is within Adams Township, Sheridan Quadrangle, Township 19 North, Range 3 East and Sections 1, 2, and 3, and Township 20 North, Range 3 East and Sections 34, 35, and 36. Adjacent land use is agricultural and residential.

In its entirety, 236th Street runs in a west to 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 236th Street is expected to increase through traffic within the corridor. The purpose of the project is to extend the life of 236th Street and improve the safety of the roadway.

The project will create 15-foot travel lanes and 4-foot useable (3-foot paved) shoulders in each direction. The widened travel lane will allow for 236th 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 236th Street/US 31 Intersection will only be milled and resurfaced

<http://ecos.fws.gov/ipac>, 08/24/2016 08:03 AM



United States Department of Interior
Fish and Wildlife Service

Project name: 236th Street Improvement Project

due to construction of the future interchange. Construction is expected in 2019.

Please Note: The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.

<http://ecos.fws.gov/ipac>, 08/24/2016 08:03 AM



United States Department of Interior
Fish and Wildlife Service

Project name: 236th Street Improvement Project

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-86.16920262320146 40.13038827132146, -86.16930022756765 40.130426970027514, -86.16934188015938 40.1305233508542, -86.16930318145333 40.13062095522039, -86.16920680062664 40.13066260781212, -86.12826556222333 40.13128603548647, -86.12816795785714 40.13124733678041, -86.12812630526541 40.13115095595373, -86.12816500397146 40.13105335158754, -86.12826138479815 40.131011698995806, -86.16920262320146 40.13038827132146)))

Project Counties: Hamilton, IN



United States Department of Interior
Fish and Wildlife Service

Project name: 236th Street Improvement Project

Endangered Species Act Species List

There are a total of 1 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Mammals	Status	Has Critical Habitat	Condition(s)
Indiana bat (<i>Myotis sodalis</i>) Population: Entire	Endangered		



United States Department of Interior
Fish and Wildlife Service

Project name: 236th Street Improvement Project

Critical habitats that lie within your project area

There are no critical habitats within your project area.

<http://ecos.fws.gov/ipac>, 08/24/2016 08:03 AM

Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), and Federal Transit Administration (FTA)

Range-wide Programmatic Consultation for Indiana Bat and Northern Long-eared Bat

Scoping Worksheet

Updated December 2016

Complete the following steps to determine whether a project is within the scope of the range-wide programmatic informal consultation and identify potential project effects on either the Indiana bat or Northern long-eared bat (NLEB). This worksheet will also assist in identifying the appropriate Avoidance and Minimization Measures (AMMs) to be implemented in order to reduce effects to be discountable or insignificant (Not Likely to Adversely Affect only). The following information is needed to complete this form: project scope (including any construction methods to be used), project location, habitat characterization, completed survey results, and AMMs to be included in the project.

STEP 1: PROGRAMMATIC SCOPE (User’s Guide page 3-5)

If answers to any of these questions are “yes”, the project is NOT covered by the range-wide programmatic informal consultation. Proceed no further in completing this worksheet. Refer to the User’s Guide to identify whether the project is covered by the range-wide programmatic formal consultation or whether individual consultation with the appropriate Service Field Office is necessary. If answers to all of the questions are “no”, proceed with Step 2 of this Worksheet.

	Yes	No
1. Is the project within 0.5 mile from an Indiana bat and/or northern long-eared bat hibernaculum and 1) involves construction activities extending outside the existing road/rail surface, or 2) involves activities wholly within the existing road/rail service ¹ but includes percussive or other activities that increase noise above existing traffic/background levels, or 3) is limited to the maintenance of existing facilities with new ground disturbance (outside or within suitable summer habitat² or tree removal/trimming (within suitable summer habitat) ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Will project activities result in the removal of suitable forest habitat ³ for bats >100 feet from existing road/rail surfaces <i>at any time of year</i> (unless summer bat Presence/Probable Absence (P/A) surveys ⁴ are negative)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Will the project clear suitable forest habitat at any distance from a road during the active season ⁵ for bats (unless summer bat P/A surveys are negative)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Will the project remove documented Indiana bat or NLEB roosting/foraging habitat ⁶ or travel corridors ⁷ (based on radio telemetry) <i>at any time of year</i> or remove trees within 0.25 miles of documented roosts <i>at any time of year</i> ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

¹ Road surface is defined as the driving surface and shoulders (may be pavement, gravel, etc.) and rail surface is defined as the edge of the rail ballast.

² See the USFWS’s current summer survey guidance for our latest definitions of suitable habitat.

³ Refer to <http://www.fws.gov/midwest/endangered/mammals/inba/inbasummersurveyguidance.html>

⁴ P/A summer surveys conducted within the fall swarming/spring emergence range of a documented Indiana bat hibernacula (contact local Service Field Office for appropriate **distance from hibernacula**) that result in a negative finding requires additional consultation with the local Service Field Office to determine if clearing of forested habitat is appropriate and/or if seasonal clearing restrictions are needed to avoid and minimize potential adverse effects on fall swarming and spring emerging Indiana bats.

⁵ Coordinate with the local Service Field Office for active season dates.

⁶ Documented roosting or foraging habitat – for the purposes of this consultation, we are considering documented habitat as that where Indiana bats and/or NLEB have actually been captured and tracked using (1) radio telemetry to roosts; (2) radio telemetry biangulation/triangulation to estimate foraging areas; or (3) foraging areas with repeated use documented using acoustics.

	Yes	No
5. Will the project impact a known hibernaculum, or a karst feature (e.g., sinkhole, losing stream, or spring) that could result in effects to a known hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6. Will the project raise the road profile above the tree canopy within 1,000 feet of known summer habitat (based on documented roosts and/or captures)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Does the project exclude tree removal activities, but involve percussives or other activities that increase noise above existing traffic/background levels within documented bat habitat?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Does the project involve slash pile burning within 0.5 miles of a hibernaculum?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9. Does the project involve new lighting that increases illumination above ambient conditions and that DOES NOT incorporate full cut-off, downward facing lights directed away from forested areas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
10. Will bridge and/or structure removal, replacement, or maintenance activities make the bridge/structure no longer suitable for roosting (when assessment shows bat colonies are known to roost under the bridge/structure)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Will bridge and/or structure maintenance activities likely disturb bats when a maternity colony of bats is documented to be present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

STEP 2: POTENTIAL PROJECT EFFECTS

No Effect (NE) (User's Guide page 5-6)

If answers to any of the criteria below are "yes" the project will have "No Effect" on the Indiana bat and/or NLEB. Stop here. Document "No Effect" on the Project Submittal Form (Appendix B of the User's Guide) and retain for your files. No coordination with the Service is required. Otherwise, proceed with this Worksheet.

Check "NA" if the project will not involve the listed activity or condition.

	Yes	No	N/A
1. Is the project outside the species' range ⁸ ?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Is the project inside the species range with no suitable summer habitat (must also be greater than 0.5 miles from any hibernaculum unless meeting exceptions #3, 4, and 5 listed below)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Does the project (anywhere, including within 0.5 miles of any hibernaculum) consist of non-construction activities, such as bridge/abandoned structure assessment, property inspections, development of planning and technical studies, property sales, and equipment purchases?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Are all project activities (anywhere, including within 0.5 miles of any hibernaculum) conducted completely within the existing road/rail surface and do not involve percussive or other activities that increase noise above existing traffic/background levels (e.g., road line painting)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Are all project activities (anywhere, including within 0.5 mile of hibernacula) outside suitable summer bat habitat and limited to maintenance of existing facilities (e.g., rest areas, stormwater detention basins) with no new ground disturbance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Does the project involve maintenance, alteration, or removal of a bridge/structure and the results of a bridge/abandoned structure assessment indicates no signs of bats?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The next sets of questions will step through the process for determining whether a project "May Affect, but is Not Likely to Adversely Affect" the Indiana bat and/or NLEB. AMMs may be required. If AMM's cannot be implemented, or actions "May Affect, but are Likely to Adversely Affect" either bat species, refer to the User Guide to identify whether the project is covered by the range-wide

⁷ Documented travel corridor - for the purposes of this BA, we are considering documented corridors as that where Indiana bats and/or NLEB have actually been captured and tracked to using (1) radio telemetry; or (2) tree corridors located directly between documented roosting and foraging habitat.

⁸ See <http://ecos.fws.gov/speciesProfil>

programmatic formal consultation or whether individual consultation with the appropriate Service Field Office is necessary. Follow the appropriate instructions of the User Guide and document on the Project Submittal Form (Appendix B of the User Guide).

May Affect, Not Likely to Adversely Affect (NLAA) - AMMs Not Required (User’s Guide page 6-7)

If answers to any of the questions below are “Yes”, that component of the project “May Affect, but is Not Likely to Adversely Affect” the Indiana bat and/or NLEB and AMM’s are not required for these activities. Document on the Project Submittal Form (Appendix B of the User’s Guide). Proceed with this worksheet if the project includes any additional components.

Do any of the conditions below describe the project?

	Yes	No	Unknown
1. Project is inside the species range and within suitable bat habitat, but with negative bat P/A summer surveys ^{9,10} (must also be greater than 0.5 miles of a hibernaculum). *If no bat surveys have been performed check “no” - presence of bats is to be assumed and AMM’s will be required.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Project is within 300 feet of the existing road/rail surface and in areas that contain suitable habitat (but no documented habitat) and does not involve tree removal, but includes percussives or other activities that increase noise above existing traffic/background levels (must also be greater than 0.5 miles of a hibernaculum).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Activities are limited to slash pile burning (must also be greater than 0.5 miles of a hibernaculum).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Activities are limited to wetland or stream protection activities associated with compensatory mitigation that do not clear suitable habitat (must also be greater than 0.5 miles of a hibernaculum).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Activities (anywhere, including within 0.5 mile of hibernacula) with suitable summer bat habitat present, but limited to the maintenance of existing facilities (e.g., rest areas, stormwater detention basins) with no new ground disturbance or tree removal/trimming.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

STEP 3: AVOIDANCE AND MINIMIZATION MEASURES

May Affect, Not Likely to Adversely Affect - AMMs Required (User’s Guide page 7-8)

For the actions below, site-specific AMM(s) may be required to make the project NLAA for either bat species. If there is an applicable AMM, it MUST be implemented for the project to be eligible for use within the range-wide programmatic informal consultation. If an AMM listed below is not applicable (based on the type of action/effect), document why it is not applicable. For some projects, additional project-specific AMM(s) not listed below may be needed. If such additional AMM(s) are implemented, document them.

TREE REMOVAL	Yes	No
Will the project remove trees that are suitable maternity, roosting, foraging, or traveling habitat for Indiana Bat or NLEB? <i>If “No”, proceed to next activity.</i> [*Note: “Trees” refers to trees that are suitable habitat for each species.]	<input type="checkbox"/>	<input type="checkbox"/>
1. Will tree removal <i>at any time of year</i> occur outside 100 feet of existing road surface and greater than 0.5 mile from any hibernacula? (Note: If “yes”, this action is not covered under the range-wide programmatic <u>informal</u> consultation. Proceed no further with worksheet. Refer to the User Guide to identify whether the project is covered by the range-wide programmatic <u>formal</u> consultation or whether individual consultation with the appropriate Service Field Office is necessary. If “no”, proceed to question #2.)	<input type="checkbox"/>	<input type="checkbox"/>

⁹ Refer to <http://www.fws.gov/midwest/endangered/mammals/inba/inbasummersurveyguidance.html>

¹⁰ P/A summer surveys conducted within the fall swarming/spring emergence range of a documented Indiana bat hibernacula (contact local Service Field Office for appropriate **distance from hibernaculum**) that result in a negative finding requires additional consultation with the local USFWS FO to determine if clearing of forested habitat is appropriate and/or if seasonal clearing restrictions are needed to avoid and minimize potential adverse effects on fall swarming and spring emerging Indiana bats.

TREE REMOVAL	Yes	No
2. Will documented Indiana bat and/or NLEB roosts and/or surrounding summer habitat within 0.25 miles of documented roosts (based on radio telemetry) be altered <i>at any time of year</i> ? (Note: If “yes”, this action is not covered under the range-wide programmatic <u>informal</u> consultation. Proceed no further with worksheet. Refer to the User Guide to identify whether the project is covered by the range-wide programmatic <u>formal</u> consultation or whether individual consultation with the appropriate Service Field Office is necessary.)	<input type="checkbox"/>	<input type="checkbox"/>
Unless P/A summer surveys document that the species are not likely to be present, all of the AMMs listed below are required, as applicable (e.g., no bridge work will occur). Indicate on the Project Submittal Form which of the following tree removal AMMs will be implemented.	<input type="checkbox"/>	<input type="checkbox"/>
TREE REMOVAL AMM 1: Modify all phases/aspects of project (e.g. temporary work areas, alignments) to the extent practicable to avoid tree removal in excess of what is required to implement project safely. (Note: Tree Removal AMM 1 is an avoidance measure, the full implementation of which may not always be practicable. In those cases, projects may still be NLAA as long as Tree Removal AMM’s 2, 3, and 4 are implemented.)	<input type="checkbox"/>	<input type="checkbox"/>
TREE REMOVAL AMM 2: Apply time of year restrictions for tree removal when bats are not likely to be present.	<input type="checkbox"/>	<input type="checkbox"/>
TREE REMOVAL AMM 3: Ensure tree removal is limited to that specified in project plans. Install bright orange flagging/fencing prior to any tree clearing to ensure contractors stay within clearing limits. Ensure that contractors understand the clearing limits and how they are marked in the field.	<input type="checkbox"/>	<input type="checkbox"/>
TREE REMOVAL AMM 4: Avoid cutting down documented Indiana bat and NLEB roosts that are still suitable for roosting or documented foraging habitat <i>at any time of year</i> . Avoid cutting down trees within 0.25 miles of documented roosts <i>at any time of year</i> . Ensure that suitable roosts remain on the landscape rather than focusing on general forest loss.	<input type="checkbox"/>	<input type="checkbox"/>

LIGHTING	Yes	No
1. Will the project involve the use of lighting during construction? <i>If “No”, proceed to next activity.</i>	<input type="checkbox"/>	<input type="checkbox"/>
2. Will the project action install permanent lighting? <i>If “No”, proceed to next activity.</i>	<input type="checkbox"/>	<input type="checkbox"/>
If the answer to either of above is “yes”, indicate on the project submittal form which lighting AMM’s will be implemented.	<input type="checkbox"/>	<input type="checkbox"/>
LIGHTING AMM 1: Direct temporary lighting away from suitable habitat during construction during the active season ¹¹ .	<input type="checkbox"/>	<input type="checkbox"/>
LIGHTING AMM 2: Use downward-facing, full cut-off lens lights, and direct lighting away from suitable habitat when installing new or replacing existing permanent lights.	<input type="checkbox"/>	<input type="checkbox"/>

BRIDGE MAINTENANCE, ALTERATION OR REMOVAL	Yes	No
Does the project involve structure or bridge maintenance, removal or other alteration? <i>If “No”, proceed to next activity.</i>	<input type="checkbox"/>	<input type="checkbox"/>
Unless bridge assessments or P/A surveys have occurred to document that the species are not likely to be present, the AMMs listed below will be required, as applicable. Indicate on the Project Submittal Form which of the following AMMs will be implemented.	<input type="checkbox"/>	<input type="checkbox"/>
BRIDGE AMM 1: To completely avoid direct effects to roosting bats, perform any bridge repair, retrofit, maintenance, and/or rehabilitation work during the winter hibernation period and follow Bridge AMM5. Or if during the active season, does not disturb or harass roosting bats in any way or alter roosting potential. (Note: Bridge AMM 1 is an avoidance measure for direct effects. If this cannot be applied, projects may still be NLAA as long as Bridge AMM’s 2, 3, 4 and 5 are implemented.)	<input type="checkbox"/>	<input type="checkbox"/>

¹¹ Coordinate with the local Service Field Office for active season dates.

BRIDGE MAINTENANCE, ALTERATION OR REMOVAL	Yes	No
BRIDGE AMM 2: If construction activity is planned during the active season, perform a bridge assessment for presence of bats	<input type="checkbox"/>	<input type="checkbox"/>
BRIDGE AMM 3: If bridge assessment for bats suggests presence of bats, ensure activity will not disturb bats. The following types of bridge work can be conducted with the presence of bats: <ul style="list-style-type: none"> Above deck work that does not drill down to the underside of deck or include percussives (vibration) or noise levels above general traffic (e.g., road paving, wing-wall work, work above that does not drill down to the underside of the deck,). Below deck work that is conducted away from roosting bats and does not involve percussives or noise level above general traffic (e.g., some abutment, beam end, scour, or pier repair). Also, follow Lighting AMM 1. 	<input type="checkbox"/>	<input type="checkbox"/>
BRIDGE AMM 4: If bridge assessment for bats suggests presence of a small number of bats (5) ¹² , Conduct bridge repair, retrofit, maintenance, and/or rehabilitation work (including activities with percussives) outside of pup season (June 1–July 31) AND in the evening while the bats are feeding, starting one hour after sunset, and ending one hour before daylight excluding the hours between 10:00 p.m. and midnight. ¹³	<input type="checkbox"/>	<input type="checkbox"/>
BRIDGE AMM 5: Ensure suitable roosting sites remain after any bridge work is completed. Suitable roosting sites may be incorporated into the design of a new bridge.	<input type="checkbox"/>	<input type="checkbox"/>

STRUCTURE (ARTIFICIAL ROOSTS) MAINTENANCE, ALTERATION OR REMOVAL	Yes	No
Does the project involve any maintenance, removal, or other alteration of artificial roosts such as rest areas, offices, sheds, outbuildings, barns, and parking garages?	<input type="checkbox"/>	<input type="checkbox"/>
Unless abandoned structure assessments ¹⁴ have occurred to document that the species are not likely to be present, the AMMs listed below will be required, as applicable. Indicate on the Project Submittal Form which of the following AMMs will be implemented.	<input type="checkbox"/>	<input type="checkbox"/>
STRUCTURE AMM 1: If the goal of the project is to exclude bats, coordinate with the local Service Field Office and follow Acceptable Management Practices for Bat Control Activities in Structures guidance document. ¹⁵	<input type="checkbox"/>	<input type="checkbox"/>
STRUCTURE AMM 2: Perform any maintenance and/or repair work during the winter hibernation period unless a hibernating colony of bats is present.	<input type="checkbox"/>	<input type="checkbox"/>
STRUCTURE AMM 3: If maintenance and/or repair work will be performed outside of the winter hibernation period, determine if work will occur in an area with roosting bats. If there is observed bat activity (or signs of frequent bat activity), Transportation Agencies/State DOTs will conduct maintenance activity or similar structure alteration when bats are not present (e.g., foraging) or in a manner that will not disturb them.	<input type="checkbox"/>	<input type="checkbox"/>
STRUCTURE AMM 4: If roosting bats or signs of roosting bats are observed Transportation Agencies/State DOTs will avoid removing the structure. NOTE: If there are concerns about human health/safety/property, coordinate with a nuisance wildlife control officer and the local Service Field Office.	<input type="checkbox"/>	<input type="checkbox"/>

¹² This number is far lower than the typical maternity colony size (USFWS 2007, 2014).

¹³ Keeley and Tuttle (1999) indicated peak night roost usage is between 10pm-midnight.

¹⁴ Structure assessment for occupied buildings means a cursory inspection for bat use. For abandoned buildings a more thorough evaluation is required (See User Guide Appendix D for bridge/abandoned structure assessment guidance).

¹⁵ See https://www.whitenosesyndrome.org/sites/default/files/resource/wns_nwco_amp_1_april_2015_0.pdf

HIBERNACULA	Yes	No
The following AMM is required, as applicable. Indicate on the Project Submittal Form if the AMM will be implemented.	<input type="checkbox"/>	<input type="checkbox"/>
HIBERNACULUM AMM 1: For projects located within karst areas, on-site personnel will use best management practices ¹⁶ , secondary containment measures, or other standard spill prevention and countermeasures to avoid impacts to possible hibernacula. Where practicable, a 300 foot buffer will be employed to separate fueling areas and other major contaminant risk activities from caves, sinkholes, losing streams and springs in karst topography.	<input type="checkbox"/>	<input type="checkbox"/>

A project that involves these activities and implements all applicable AMMs “May Affect, but is not likely to Adversely Affect” the Indiana bat and/or NLEB. With the implementation of the applicable AMMs, the project IS covered by the range-wide programmatic informal consultation. Document on the Project Submittal Form (Appendix B of the User’s Guide).

Worksheet Prepared By: Jaime Byerly Digitally signed by Jaime Byerly
DN: cn=Jaime Byerly, o=RQAW,
ou=Environmental Department,
email=jbyerly@rqaw.com, c=US
Date: 2017.02.16 11:28:35 -05'00' 2/16/17

Name (Please print) Firm/Organization Date

Worksheet Reviewed By: _____

Name (Please print) Firm/Organization Date

¹⁶ Coordinate with the appropriate Service Field Office on recommended best management practices for karst in your state.

Aaron Lawson

From: McWilliams, Robin <robin_mcwilliams@fws.gov>
Sent: Thursday, May 4, 2017 8:49 PM
To: Aaron Lawson
Subject: Re: 236th Street Improvement Project, Hamilton County (Des 1400760)

Hi Aaron,

Recently, the FWS has developed "high potential" zones around each recent (2007-2016) RPBB record. We have concluded that the RPBB is currently only likely to be present within these areas. These zones, although not of uniform size, have discrete boundaries that will be used by FWS field offices and delivered online via the FWS Information for Planning and Conservation website (IPaC, <https://ecos.fws.gov/ipac/>) to help action agencies determine when consultation under ESA section 7(a)(2) may be necessary. We have three such zones in Indiana.

If you put your project boundary into IPAC and do not get a hit for RPBB, then you do not have to coordinate. Or, you can check out the interactive map on our T&E page at: <https://www.fws.gov/midwest/endangered/insects/rpbb/guidance.html> (I'm pretty sure your site is too far north to be in a high priority zone).

There are also shapefiles on the website that I think you can download if you want to add the species to other data coverage you use as well as some Sec 7 guidance for the RPBB.

Let me know if you have any other questions.
Sincerely,

Robin McWilliams Munson

U.S. Fish and Wildlife Service
620 South Walker Street
Bloomington, Indiana 46403
812-334-4261 x. 207 Fax: 812-334-4273

Monday, Tuesday - 7:30a-3:00p
Wednesday, Thursday - telework 8:30a-3:00p

On Thu, May 4, 2017 at 3:58 PM, Aaron Lawson <alawson@rqaw.com> wrote:

Hi Robin,

This is a follow up to the voicemail I left you earlier today. I am preparing the environmental document for a roadway improvement project in Hamilton County. The project is located on 236th Street and begins just east of the bridge carrying 236th Street over Teter Branch (2.1 miles west of US 31) and extends east until it intersects with US 31 (see attached maps). Early coordination for the project was initiated with regulatory agencies on August 23, 2016, but at the time, the project met the programmatic coordination criteria of the USFWS Interim Policy for Highway Projects (May 2013), thus we did not send an early coordination letter to the USFWS. Since this time, the rusty patched bumble bee was added to the federally endangered species list. INDOT recently reviewed the draft environmental document for this project and requested that we coordinate with you regarding this species since it has been recently added as federally endangered. Unfortunately the

project schedule does not allow for a 30 day review, thus we are hoping you can provide comments on the project as soon as possible. Please feel free to contact me if you would like to discuss further, my contact info is listed below.

Thank you!!

Aaron Lawson

Environmental Scientist

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