



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N758-ES
Indianapolis, Indiana 46204

PHONE: (855) 463-6848

Eric Holcomb, Governor
Michael Smith, Commissioner

July 20, 2022

This letter was sent to the listed parties.

RE: Dual Review Project
SR 46 Pavement Replacement
Des. Nos. 1800255 & 1800256
DHPA No. 25043
Greensburg, Decatur County, Indiana

Dear Consulting Party,

The Indiana Department of Transportation (INDOT), with funding from the Federal Highway Administration (FHWA), proposes to proceed with the SR 46 Pavement Replacement project, Des. Nos. 1800255 & 1800256.

This letter is part of the Section 106 review process for this project. Section 106 of the National Historic Preservation Act requires federal agencies to take into account the effects of their undertakings on historic and archaeological properties. We are requesting comments from you regarding the possible effects of this project. Please use the above Des. Number and project description in your reply and your comments will be incorporated into the formal environmental study.

A Section 106 early coordination letter (ECL) was distributed on February 12, 2020. In addition, a letter distributed on February 18, 2021, notified consulting parties that a historic property report (HPR) and archaeology report (tribes only) were available for review and comment. An Effect Letter was distributed to consulting parties on July 22, 2021, and a Consulting Party Meeting was held on August 11, 2021. The Consulting Party Meeting minutes were distributed to consulting parties on August 27, 2021. An additional coordination letter (with survey to property owners and residents of the Eastside Residential Historic District) was distributed on January 11, 2022.

The proposed undertaking is on SR 46 from the east junction with SR 3 through the west junction with US 421, approximately 1.8 miles in length; and from the east junction with US 421 to approximately 0.8 mile east of the east junction with US 421 in Greensburg, Decatur County, Indiana. It is within Washington Township, on the *Forest Hill, IN* and *Greensburg, IN* USGS topographic quadrangles, in Township 10 North, Range 9 East, sections 1-3, 9-12. The project area can be viewed online at <https://arcg.is/jqueP> (the Des. No. is the most efficient search term once in the CRO - Public Web Map App).

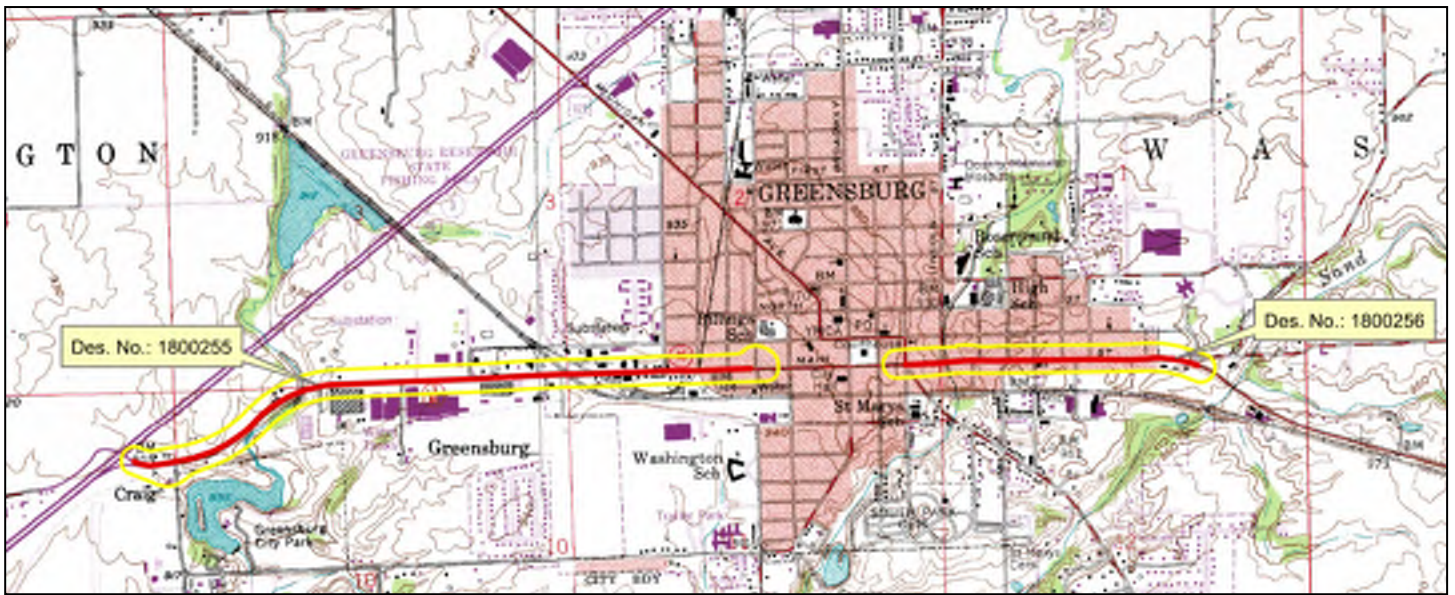


Figure 1: Project location on USGS Topographic Map (1:24,000)

The need for these projects is based on the existing pavement deterioration, insufficient drainage, and lack of Americans with Disabilities Act (ADA)-compliant pedestrian facilities. The pavement failure is exhibited by traverse cracking, rutting, wheel path fatigue cracking, previous patching, and isolated areas with potholes. Water regularly ponds along the project area and contributes to the poor pavement conditions. The pedestrian facilities do not meet current ADA standards.

The purpose of these projects is to add service life to the pavement, improve the overall pavement condition, remove ponding water to further improve pavement life, and upgrade pedestrian facilities to current ADA compliance standards.

The proposed alternative for these projects would involve replacing the existing pavement, replacing the curbs and gutters, installing new storm sewer inlets and lines, and replacing/extending pedestrian facilities. The proposed alternative meets the purpose and the need because it extends the service life of the roadway, addresses water ponding issues, and provides ADA-compliant pedestrian facilities.

Des. No. 1800255 (West of US 421): The proposed alternative from the western limits (SR 3) to the railroad crossing, approximately 1.3 miles, recommends hot mix asphalt (HMA) preventative maintenance milling (1.5 inches) and overlay (including shoulders), with partial and full-depth patching at selected locations. From the railroad crossing through the west junction with US 421-- approximately 0.5 mile-- the recommended alternative involves full-depth reconstruction at or near the existing grade. The recommended typical section is two (2) 12-foot lanes with a curb and gutter. Additional work will include: 1) replacing the curb and gutters (moving in slightly to reduce the overall pavement width); 2) replacing the storm sewer and installing new inlets; 3) replacing all curb ramps to current ADA standards; 4) replacing existing sidewalks and adding sidewalks to current gaps; 5) regrading and reconstructing driveway approaches as necessary; 6) removing four trees in the grass buffer (lawn between back of curb and sidewalk, and trees are not adjacent to any historic resources); and 7) installing street lights and replacing the watermain (funded by the City of Greensburg). Additionally, the intersection at the west junction of SR 46 and US 421 (locally known as Main Street and Ireland Street) will be reconstructed. The intersection work includes new storm sewer and inlets, improved turning radii of the northeast quadrant (moving the new curb to roughly the back of the existing sidewalk), adjusting the signal pole locations, and replacing curb ramps to current ADA standards.

Des. No. 1800256 (East of US 421): The proposed alternative from the western limits (east junction with US 421) to the Greensburg Public Library recommends a full-depth pavement replacement and some reduction to the pavement widths. From the library to the eastern project limits, HMA preventative maintenance overlay is recommended. The recommended typical section is two (2) 12-foot wide travel lanes (and some 8-foot wide parking lanes) with a curb and gutter. Additional work will include: 1) replacing the curb and gutters; 2) replacing the storm sewer and installing new inlets; 3) reconstructing curb ramps to current ADA standards; 4) reconstructing sidewalks (5-foot wide along the south side and expanding to an 8 to 10-ft wide multi-use path¹ along the north side); 5) extending the sidewalk (on the northside) in front of the Greensburg Public Library to Washington Street; 6) replacing walkway approaches between the sidewalk and curb line; 7) regrading driveway approaches; 8) removing trees in the grass buffer (lawn between back of curb and sidewalk); and 9) installing new streetlights² (matching those recently installed on Lincoln Street), funded by the City of Greensburg.

The project is anticipated to be let in 2024. At this time, the temporary right-of-way is anticipated for drive reconstruction and grading behind pedestrian facility construction. Due to inconsistent apparent/existing right-of-way, permanent right-of-way is anticipated to be reacquired in various locations throughout the project corridor. Final right-of-way amounts will be determined as the design progresses. At this time, anticipated right-of-way is not expected to exceed approximately 2.2 acres of temporary right-of-way and approximately 2.2 acres of permanent right-of-way (includes reacquisition). Access to residences and businesses along SR 46 will be continuously maintained during construction. At this time, it is anticipated that the road will need to be closed due to the extent of watermain, sanitary, and storm sewer replacement in the project area. Note that the anticipated maintenance of traffic has changed from continuously maintaining one lane of traffic while detouring traffic in the other direction.

Michael Baker International, Inc. and RQAW are under contract with INDOT to advance the environmental documentation for the referenced project. RQAW (above-ground) and CRA (archaeology) have been subcontracted to complete the Section 106 documentation for the project.

In accordance with 36 CFR 800.2 (c), you were invited to become a consulting party as part of the Section 106 process, or you are hereby invited to become a consulting party as part of the Section 106 process. Entities that have previously accepted consulting party status--as well as additional entities that are currently being invited to become consulting parties--are identified in the attached list. Parties that previously accepted invitation to participate in Section 106 consultation are identified in bold.

The Section 106 process involves efforts to identify historic properties potentially affected by the undertaking, to assess the undertaking's effects and to seek ways to avoid, minimize, or mitigate any adverse effects on historic properties. For more information regarding the protection of historic resources, please see the Advisory Council on Historic Preservation's guide: *Protecting Historic Properties: A Citizen's Guide to Section 106 Review* available online at <https://www.achp.gov/sites/default/files/documents/2017-01/CitizenGuide.pdf>.

Please note that, per the permanent rule issued by the Indiana Department of Natural Resources effective August 14, 2013 (312 IAC 20-4-11.5), INDOT is requesting that this project be subjected to "dual review"; that is, reviewed by the Division of Historic Preservation and Archaeology simultaneously under 54 U.S.C. 306108 (Section 106) and IC 14-21-1-18 (Indiana Preservation and Archaeology Law dealing with alterations of

¹ The multi-use path will be 8-foot wide concrete within the Greensburg Eastside Residential Historic District and 10-foot wide asphalt east of the district.

² Note that the light spacing has decreased since the previous correspondence which represented the preliminary design. This is due to the short poles and illumination type that do not throw light very far. Thus, the number of poles has increased, but the overall amount of illumination should remain similar.

historic sites and structures requiring a Certificate of Approval). Pursuant to Section 11.5(f) of this rule, at the conclusion of the review process we anticipate that the Division Director would issue a letter of clearance exempting this project from obtaining a Certificate of Approval under IC 14-21-1-18. Enclosed with this letter is a detailed list of the consulting parties with contact information, including email addresses, for processing the dual review submission.

The Area of Potential Effects (APE) is the area in which the proposed project may cause alterations in the character or use of historic resources. The APE contains two resources listed in the State Register and/or National Register of Historic Places (“NRHP”): the Greensburg Downtown Historic District (NR-1261) and the Charles Zoller House (NR-0308) at 345 E. Main Street (State Register only).

A historian who meets the Secretary of the Interior’s Professional Qualification Standards identified and evaluated above-ground resources within the APE for potential eligibility for the NRHP. The Greensburg Eastside Residential Historic District (IHSSI # 031-252-23001 to 068) was previously determined eligible for listing in the NRHP during the SR 46 Small Structure Replacement project (INDOT, Des. No.: 1400150).³ As a result of the historic property identification and evaluation efforts at this time, the Greensburg Eastside Residential Historic District continues to be recommended as eligible for listing in the NRHP.

For purposes of the Section 106 review, in a letter dated March 22, 2021, the SHPO staff agreed “with the conclusion of the HPR that the Greensburg Downtown Historic District (NR-1261) is listed in the NRHP; the Charles Zoller House is listed in the Indiana Register of Historic Sites and Structures--and it is eligible for inclusion in the NRHP--and the Greensburg Eastside Residential Historic District is eligible for inclusion in the NRHP.”

With regard to archaeological resources, an archaeologist who meets the Secretary of the Interior’s Professional Qualification Standards identified three (3) sites within the project area. The current reconnaissance resulted in the documentation of three previously unrecorded archaeological sites (12De1011–12De1013). These three sites are historic artifact scatters that range from the mid-nineteenth through the twentieth centuries. Overall, these sites exhibited poor archaeological integrity and are recommended not eligible for inclusion in the NRHP. Thus, no further work is recommended for the sites, and archaeological clearance is recommended for the proposed project. Please see the Phase Ia report (tribes only) distributed with the letter dated February 18, 2021.

In the same letter dated March 22, 2021, the Indiana SHPO staff confirmed that, based on submitted information, there is insufficient information regarding the archaeological sites to determine whether they are eligible for inclusion in the NRHP. The Indiana SHPO staff concurred with the opinion of the archaeologists “that the portions of these sites that lie within the proposed project area do not appear to contain significant archaeological deposits, and that no further archaeological investigations appear necessary at the proposed project area.” No other responses to the distribution of the HPR and archaeology report were received.

As previously mentioned, a Section 106 coordination letter (with survey to residents of the Greensburg Eastside Residential Historic District) was distributed to consulting parties on January 11, 2022. Survey responses were received from five property owners/residents of the Greensburg Eastside Residential Historic District between January 16 and February 23, 2022. Overall, there was general consensus that the multi-use path be constructed with concrete rather than asphalt. Additionally, two respondents indicated that reducing the path width to 8-foot (from 10-foot wide) would mitigate/reduce impacts to the district. One respondent was indifferent, while two

³ Sue Becher Gilliam, “Historic Property Report For State Route 46 Small Structure Replacement Project over Gas Creek Greensburg, Washington Township, Decatur County, Indiana (Des. No. 1400150)” (Indianapolis, Indiana: CEC, September 2015); Mitchell K. Zoll, “HPR for SR 46 Small Structure Replacement Project over Gas Creek, (Des. No. 1400150) (DHPA No. 18126),” November 2, 2015.

did not feel that reducing the path width to 8-feet (from 10-feet wide) would mitigate/reduce impacts to the district. Regarding street trees, respondents were unanimously in favor of replanting street trees. Finally, support for an updated survey of the district was expressed and respondents were indifferent to using informational signage as mitigation for project impacts to the district. Please see the full survey response summary in Appendix D of the enclosed 800.11 documentation.

Please note that in response to learning the views of residents, the multi-use path was redesigned to be 8-feet wide and consist of concrete within the Greensburg Eastside Residential Historic District. Please see maps and plan sheets Appendices A and F of the enclosed 800.11 documentation. Additionally, further design development of the streetlights revealed at the light spacing has decreased since the previous correspondence. This is due to the short poles and illumination type that do not throw light very far. Thus, the number of poles has increased, but the overall amount of illumination should remain similar. Please see maps showing the currently proposed streetlight locations Appendix A of the enclosed 800.11 documentation.

In a letter dated January 11, 2022, Paul Barton on behalf of the Eastern Shawnee Tribe of Oklahoma responded stating “the project proposes No Adverse Effect or endangerment to known sites of interest to the Eastern Shawnee Tribe.”

In a letter dated January 18, 2022, Charla K. EchoHawk on behalf of the Peoria Tribe of Indians of Oklahoma responded stating “the Peoria Tribe has no objection at this time to the proposed project.”

In a letter dated February 10, 2022, the Indiana SHPO staff responded to the January 11, 2022 letter by stating,

We appreciate the effort to keep us apprised of the consultation for this project and look forward to learning the views of other consulting parties and residents on the minimization and mitigation proposals. We note that the proposal for a National Register nomination of the Greensburg Eastside Historic District has been modified to instead provide an update to the 1999 survey of the district. Given the structure of our comprehensive program, we would not find an update to the survey for a single district or town to be useful for our purposes, outside of documentation for a National Register nomination.

In email correspondence between February 15 and 17, 2022, Brittany Miller of the Indiana Landmarks Eastern Regional Office offered no comments to the Section 106 materials and asked to be included on future correspondence. Please see all consulting party correspondence in Appendix D of the enclosed 800.11 documentation.

This letter, the Section 106 “Adverse Effect” Finding, 800.11 documentation, and Draft Memorandum of Agreement (MOA) are available for review in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). You are invited to review these documents and to respond with comments on any historic resource impacts incurred as a result of this project so that an environmental report can be completed. We also welcome your related opinions and other input to be considered in the preparation of the environmental document. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Please review the information and comment within thirty (30) calendar days of receipt. If you indicate that you do not desire to be a consulting party or if you have not previously accepted consulting party status and you do not respond to this letter, you will not be included on the list of consulting parties for this project and will not receive further information about the project unless the design changes.

For questions concerning specific project details, you may contact Kyle Boot of RQAW at 317-588-1762 or kboot@rqaw.com. All future responses regarding the proposed project should be forwarded to RQAW at the following address:

Kyle Boot
Architectural Historian
RQAW
8770 North Street, Suite 110
Fishers, IN 46038
kboot@rqaw.com.

Tribal Contacts please respond to INDOT's Tribal Liaison, Patty Jo Korzeniewski at pkorzeniewski@indot.in.gov (317-416-4377) with any responses pertaining to this project including to provide INDOT/Indiana FHWA additional information about Tribal resources/concerns and questions/comments regarding cultural resources. The FHWA point of contact is Kari Carmany-George at K.CarmanyGeorge@dot.gov (317-226-5629).

Sincerely,



Matthew S. Coon, Acting Manager
Cultural Resources Office
Environmental Services

Enclosures:

800.11(e)
Draft MOA

Distribution List (entities that have accepted consulting party status are in bold):

**Chad Slider, for Indiana State Historic Preservation Officer (SHPO), cslider@dnr.in.gov,
wtharp@dnr.in.gov**

Chuck Emsweller, Decatur County Commissioner, chuckemsweller@gmail.com

Ronald L. May, P.E., Greensburg City Engineer, rmay@greensburg.in.gov

Joshua Marsh, Greensburg Mayor, jmarsh@greensburg.in.gov

Mark Klosterkemper, Greensburg Street Commissioner, mklosterkemper@cityofgreensburg.com

**Sarah Hamer, Building Commissioner and Greensburg Historic Preservation Committee Chair,
shamer@greensburg.in.gov**

Jose & Shirley Pastagal, Property Owners of the Charles Zoller House, 345 E Main Street, Greensburg,
IN 47240

Eastern Shawnee Tribe of Oklahoma

Miami Tribe of Oklahoma

Peoria Tribe of Indians of Oklahoma

Pokagon Band of Potawatomi Indians

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Delaware Tribe of Indians, Oklahoma

Shawnee Tribe

Brittany Miller, Indiana Landmarks Eastern Regional Office, bmiller@indianalandmarks.org

Survey respondents of the following house numbers on Main Street (SR 46) within the Greensburg Eastside Residential Historic District: 420, 602, 615, 629, 630

Kyle J. Boot

From: Kyle J. Boot
Sent: Wednesday, July 20, 2022 5:10 PM
To: Slider, Chad (DNR); Tharp, Wade; chuck emsweller; rmay@greensburg.in.gov; Joshua Marsh; mklosterkemper@cityofgreensburg.com; shamer@greensburg.in.gov; Brittany Miller
Cc: Alexander, Kelyn; Terry Summers (TSUMMERS@indot.IN.gov); Susan Branigin (sbranigin@indot.IN.gov); Coon, Matthew; Korzeniewski, Patricia J; Harlan Ford; Hannah Kopf; Joseph Dabkowski; Wilcox, Mitchell; Curtis, William; Jack, Laura; Molnar, Katherine J
Subject: FHWA Project: Des. Nos. 1800255 and 1800256; AE Finding, SR 46 Pavement Replacement Project, Decatur County, Indiana
Attachments: SR46Greensburg_Des1800255&1800256_RDL_2022-07-20.pdf

Des. Nos.: 1800255 and 1800256

Project Description: SR 46 Pavement Replacement

Location: City of Greensburg, Decatur County, Indiana

The Indiana Department of Transportation (INDOT), with funding from the Federal Highway Administration (FHWA), proposes to proceed with the SR 46 Pavement Replacement project, Des. Nos. 1800255 & 1800256.

FHWA has signed a determination of "Adverse Effect" for this Section 106 undertaking. In accordance with 36 CFR 800.4(d), you and the other consulting parties that responded to the early coordination letter are being provided the documentation for this finding. You can view the determination of "Adverse Effect" and draft Memorandum of Agreement (MOA) electronically by accessing INDOT's Section 106 document posting website IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). If a hard copy of the materials is needed, please respond to this email with your request as soon as you can.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal consulting parties may enter the process at any time and are encouraged to respond to this notification with any comments or concerns at their earliest convenience.

Tribal contacts may contact Patty Jo Korzeniewski at pkorzeniewski@indot.in.gov or 317-416-4377 or Kari Carmany-George at FHWA at K.CarmanyGeorge@dot.gov or 317-226-5629.

Thank you in advance for your input,
Kyle Boot



KYLE BOOT

LEAD ARCHITECTURAL HISTORIAN

O: 317.588.1762

8770 North St., Ste. 110, Fishers, IN 46038

www.rqaw.com



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Kyle J. Boot

From: Alexander, Kelyn <KAlexander3@indot.IN.gov>
Sent: Wednesday, July 20, 2022 6:37 PM
To: Charla EchoHawk; thpo@estoo.net; THPO@MiamiNation.com
Cc: Korzeniewski, Patricia J; Kyle J. Boot; Carmany-George, Karstin (FHWA)
Subject: [EXT] FHWA Project: Des. Nos. 1800255 and 1800256; AE Finding, SR 46 Pavement Replacement Project, Decatur County, Indiana
Attachments: SR46Greensburg_Des1800255&1800256_RDL_2022-07-20.pdf

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Des. Nos.: 1800255 and 1800256

Project Description: SR 46 Pavement Replacement

Location: City of Greensburg, Decatur County, Indiana

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Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment.

Tribal Contacts please respond to INDOT’s Tribal Liaison, Patty Jo Korzeniewski at pkorzeniewski@indot.in.gov (317-416-4377) with any responses pertaining to this project including to provide INDOT/Indiana FHWA additional information about Tribal resources/concerns and questions/comments regarding cultural resources. The FHWA point of contact is Kari Carmany-George at K.CarmanyGeorge@dot.gov (317-226-5629).

Thank you in advance for your input,

Kelyn Alexander

Major Projects/LPA Review Liaison

Cultural Resources Office

Environmental Services

100 N. Senate Ave., Room N758-ES

Indianapolis, IN 46204

Office: (317) 519-7759

Remote: 8am-4pm

Email: kalexander3@indot.in.gov

****Link to the CRO-Public Web Map App can be found [here](#)**

Kyle J. Boot

From: Alexander, Kelyn <KAlexander3@indot.IN.gov>
Sent: Wednesday, July 20, 2022 6:37 PM
To: e106
Cc: Tait, Erica (FHWA); Kyle J. Boot; Coon, Matthew; Branigin, Susan
Subject: [EXT] FHWA-IN Project: Notification of Adverse Effect-SR 46 Pavement Replacement Project, Greensburg, Decatur County, Indiana (Des. Nos. 1800255 & 1800256)
Attachments: SR46Greensburg_Des1800255&1800256_e106form_2022-06-18.docx

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Dear ACHP,

On behalf of FHWA-Indiana Division, please find attached the e106 form for the SR 46 Pavement Replacement project in Greensburg, Decatur County, Indiana. Per 36 C.F.R. 800.6(a)(1), we are hereby notifying the ACHP of the adverse effect finding for this project. There are three listed and/or eligible properties present within the APE for the project: 1) the Greensburg Downtown Historic District; 2) the Charles Zoller House; and 3) the Greensburg Eastside Residential Historic District. The adverse effect determination was made because the project will impact characteristics of the Greensburg Eastside Residential Historic District. Limestone curbing will be removed, an 8-foot-wide concrete multi-use path will be installed on the north side of SR 46 through the district, trees will be removed, streetlights will be installed, and the pavement width will be reduced as part of this project. Therefore, an adverse effect finding was made and a draft MOA has been developed. Mitigation and minimization items include salvaging limestone curbs where possible and reinstalling it in front of the Charles Zoller House and the Wilderwood House (within the district), stamped street names will be replicated in the new concrete multi-use path, and street trees will be planted in the grass buffer within the Eastside Residential Historic District.

In addition to the e106 form attached, the full 800.11 documentation and Draft MOA have been posted on INDOT's Section 106 electronic coordination website-IN SCOPE at <http://erms.indot.in.gov/Section106Documents/>. The Des. No. is the most efficient search term once in IN SCOPE.

Thank you for assisting us with this notification of adverse effect. If you have any questions or require our further assistance, please contact me at 317-519-7759 or kalexander3@indot.in.gov or Erica Tait at 317-226-7481 or erica.tait@dot.gov.

Thank you,

Kelyn Alexander

**Major Projects/LPA Review Liaison
Cultural Resources Office**

Environmental Services

100 N. Senate Ave., Room N758-ES
Indianapolis, IN 46204

Office: (317) 519-7759

Remote: 8am-4pm

Email: kalexander3@indot.in.gov

****Link to the CRO-Public Web Map App can be found [here](#)**

Tax I.D. 82-2664009
To: The Greensburg Daily News
135 S Franklin St, Greensburg Indiana 47240

Indiana Department of Transportation
(Governmental Unit)
Decatur County, Indiana

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July 26, 2022

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- Newspaper has a Web site, but due to technical problem or error, publish notice was posted on _____
- Newspaper has a Web site but refuses to post the public notice.

Date: July 26, 2022

Title: Legal Advertising Clerk

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Public Notice

Des. No. 1800255 and 1800256

The Indiana Department of Transportation (INDOT) is planning to undertake a pavement replacement, funded in part by the Federal Highway Administration (FHWA). The project is located on SR 46 from the east junction with SR 3 through the west junction with US 421 and from the east junction with US 421 to approximately Base Road, 0.8 mile east of the east junction with US 421.

Under the preferred alternative, the proposed project would involve road reconstruction and improvements to pedestrian facilities including replacing the existing pavement, replacing the curbs and gutters, installing new storm sewer inlets and lines, replacing street lights, replacing/extending pedestrian facilities, and a multi-use path (east of Lincoln Street). Approximately 2.2 acres of permanent right-of-way (R/W) (includes reacquisition), 2.2 acres of temporary R/W, and no relocations are anticipated.

Properties listed in or eligible for the National Register of Historic Places (NRHP) located within the Area of Potential Effects (APE) include the Greensburg Downtown Historic District (NR-1261), the Charles Zoller House (NR-0308), and the Greensburg Eastside Residential Historic District (Indiana Historic Sites and Structures Inventory # 031-252-23001 to 068).

The proposed action impacts properties listed in or eligible for the NRHP. The FHWA has issued an "Adverse Effect" finding for the project because the project will diminish the integrity of the characteristics that qualify the Greensburg Eastside Residential Historic District for inclusion in the NRHP. The project will have a "No Adverse Effect" for the Greensburg Downtown Historic District and the Charles Zoller House because it will not diminish the integrity of the characteristics that qualify these historic properties for inclusion in the NRHP. In accordance with the National Historic Preservation Act, the views of the public are being

continued next column

sought regarding the effect of the proposed project on the historic elements as per 36 CFR 800.2(d), 800.3(a) and 800.6(a)(4). Pursuant to 36 CFR 800.4(d)(2), the documentation specified in 36 CFR 800.11(a) is available for inspection in RQAW's office. Additionally, this documentation can be viewed electronically by accessing INDOT's Section 106 document posting website IN SCOPE at <http://ems.indot.in.gov/Section106Documents>. This documentation serves as the basis for the "Adverse Effect" finding. The views of the public on this effect finding are being sought. Please reply with any comments to Kyle Boot, 8770 North Street, Ste. 110, Fishers, IN 46038, 317-588-1762, or kboot@rqaw.com no later than August 30, 2022.

In accordance with the "Americans with Disabilities Act", if you have a disability for which INDOT needs to provide accessibility to the document(s) such as interpreters or readers, please contact Terry Summers, 812-524-3749, tsummers@indot.in.gov.

G-402 7/26/2022 1783684

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 · www.IN.gov/dnr/historic



August 22, 2022

Kyle J. Boot
Architectural Historian
RQAW Corporation
8770 North Street, Suite 110
Fishers, Indiana 46038

Federal Agency: Indiana Department of Transportation (“INDOT”),
on behalf of Federal Highway Administration, Indiana Division (“FHWA”)

Re: DUAL REVIEW: Federal Highway Administration’s finding of “adverse effect,” and Draft Memorandum of Agreement for SR 46 Pavement Replacement, from the east junction with SR 3 to the west junction with US 421, approximately 1.8 miles in length and from the east junction with US 421 to approximately 0.8 mile east of the east junction with US 421; in the City of Greensburg, Washington Township, Decatur County, Indiana (Des. Nos. 1800255 and 1800256; DHPA No. 25043)

Dear Mr. Boot:

The Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology (“Indiana DNR-DHPA”), which also serves as the staff of the Indiana State Historic Preservation Officer (“Indiana SHPO”), has reviewed your July 21, 2022, submission which enclosed Matt Coon’s (INDOT) July 20, 2022, letter, the aforementioned finding, supporting documentation, and draft Memorandum of Agreement (“Draft MOA”; 07/20/2022 Version), received by our office the same day for this project in the City of Greensburg, Washington Township, Decatur County, Indiana (Des. Nos. 1800255 and 1800256; DHPA No. 25043).

As previously noted, we agree that the Greensburg Downtown Historic District (NR-1261) is listed in the National Register of Historic Places (“NRHP”); the Charles Zoller House is listed in the Indiana Register of Historic Sites and Structures, and it is eligible for inclusion in the NRHP; and the Greensburg Eastside Residential Historic District appears to be eligible for inclusion in the NRHP. We agree with the assessment that the Greensburg Downtown Historic District would not be adversely affected by the project. We also agreed that the Greensburg Eastside Residential Historic District would be adversely affected due to the loss of trees, removal of limestone curbs and other changes in the landscape, such as the introduction of a multi-use path. In regard to the Charles Zoller House, we stated that preservation of the stone retaining wall and steps, replacement of the existing concrete sidewalk in-kind and resetting of limestone curb would avoid or minimize potential adverse effects.

As previously indicated, in regard to archaeological resources, based upon the submitted information and the documentation available to the staff of the Indiana SHPO, there is insufficient information regarding archaeological sites 12-De-1011, 12-De-1012, and 12-De-1013 (all of which were identified during these investigations) to determine whether they are eligible for inclusion in the NRHP. However, we concur with the opinion of the archaeologist, as expressed in the Phase Ia archaeological records check and field reconnaissance survey report (Martin, 12/18/2020), that the portions of these sites that lie within the proposed project area do not appear to contain significant archaeological deposits, and that no further archaeological investigations appear necessary at the proposed project area. The portions of these sites that lie outside the proposed project area must either be avoided or subjected to further archaeological investigations. Additionally, those areas of these sites should be clearly marked so that they are avoided by all ground-disturbing project activities. If avoidance is not feasible, then a plan for subsurface archaeological investigations must be submitted to the Division of Historic Preservation and Archaeology (“DHPA”)

for review and comment. Any further archaeological investigations must be done in accordance with the “Secretary of the Interior’s Standards and Guidelines for Archeology and Historic Preservation” (48 F.R. 44716).

If any prehistoric or historic archaeological artifacts or human remains are uncovered during construction, demolition, or earthmoving activities, state law (Indiana Code 14-21-1-27 and Indiana Code 14-21-1-29) requires that the discovery be reported to the Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology (“Indiana DNR-DHPA”) within two (2) business days. In that event, please call (317) 232-1646. Be advised that adherence to Indiana Code 14-21-1-27 and Indiana Code 14-21-1-29 does not obviate the need to adhere to applicable federal statutes and regulations, including but not limited to 36 C.F.R. Part 800.

Therefore, we concur with FHWA’s Section 106 finding of No Adverse Effect for the Greensburg Downtown Historic District and the Charles Zoller House. We also concur with FHWA’s Section 106 finding of “Adverse Effect” for the Greensburg Eastside Residential Historic District. Accordingly, we concur with FHWA’s July 20, 2022, overall Section 106 finding of “Adverse Effect” for this federal undertaking.

Furthermore, we also concur that the undertaking’s temporary occupancy requirements for the Charles Zoller House and the Greensburg Eastside Residential Historic District have been met and that it does not constitute a Section 4(f) use.

We have a recommendation regarding the Draft Memorandum of Agreement. In the *III. POST-REVIEW DISCOVERY* section, we recommend the following revision:

- When indicating that any necessary archaeological investigations will be conducted according to the provisions of IC 14-21-1, 312 IAC 21, and the *Guidebook for Indiana Historic Sites and Structures Inventory—Archaeological Sites*; please include reference to 312 IAC 22.

Other than this revision, we find the conditions and stipulations acceptable.

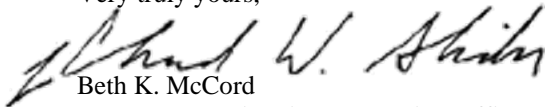
Once the preceding revision has been made to the Draft MOA, unless another consulting party disagrees with the finding documentation or the language of the Draft MOA, it might be appropriate to finalize the MOA and circulate it for signature. Once the MOA is ready for signature, then we will consider whether it is appropriate to issue a Director’s Letter of Clearance for this project, indicating compliance with Indiana Code 14-21-1-18.

If you have questions regarding our Dual Review of the aforementioned project, please contact DHPA. Questions about archaeological issues should be directed to Wade Tharp at (317) 232-1650 or wtharp1@dnr.IN.gov. Questions about buildings or structures pertaining to this review should be directed to Chad Slider at (317) 234-5366 or cslider@dnr.IN.gov.

For the benefit of those recipients of a copy of this letter who are not Section 106 consulting parties, please be aware that the documents discussed here can be found online in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/>. From there, search by this project’s designation number: 1800255. Anyone receiving an e-mailed copy of this letter who does not wish to receive future copies of our correspondence about this project is asked to reply to cslider@dnr.IN.gov and so advise us.

In all future correspondence about the SR 46 Pavement Replacement in Greensburg, Decatur County (Des. Nos. 1800255 and 1800256), please refer to DHPA No. 25043.

Very truly yours,



Beth K. McCord
Deputy State Historic Preservation Officer

BKM:CWS:WTT:wt

cc: Jose & Shirley Pastagal, Property Owners of the Charles Zoller House

emc: Erica Tait, FHWA
Karstin Carmany-George, FHWA
Mary Kennedy, INDOT
Matt Coon, INDOT
Susan Branigin, INDOT
Kyle Boot, RQAW
Brittany Miller, Indiana Landmarks, Eastern Regional Office
Judy Rust, Decatur County Alliance for Preservation

Terrah Nunley, Main Street Greensburg
Russell Wilhoit, Decatur County Historian
Charity Mitchell, Greensburg-Decatur County Public Library / Decatur County History Blog
Carrie Shumaker, Historical Society of Decatur County
Jerome Buening, Decatur County Commissioner
Rick J. Nobbe, Decatur County Commissioner
Mark Koors, Decatur County Commissioner
Andrew Scholle, Decatur County Surveyor
Mark A. Mohr, Decatur County Highway Supervisor
Ronald L. May, P.E., Greensburg City Engineer
Joshua Marsh, Greensburg Mayor
Mark Klosterkemper, Greensburg Street Commissioner
Sarah Hamer, Building Commissioner and Greensburg Historic Preservation Committee Chair
Kevin Fleetwood, Greensburg City Council
Vietta McKenzie, Greensburg City Council
Jaime Cain, Greensburg City Council
Darrell Poling, Greensburg City Council
Darren Covington, Greensburg City Council
Jim Grey, Historic Michigan Road
Eastern Shawnee Tribe of Oklahoma
Miami Tribe of Indians of Oklahoma
Peoria Tribe of Indians of Oklahoma
Pokagon Band of Potawatomi Indians
Delaware Tribe of Indians, Oklahoma
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Review Board

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Daniel Kloc, AIA, Indiana Historic Preservation Review Board
April Sievert, Ph.D., Indiana Historic Preservation Review Board
Jason Larrison, AIA, Indiana Historic Preservation Review Board
Ryan Mueller, Deputy Director, Indiana Department of Natural Resources

Beth McCord, Indiana DNR-DHPA
Chad Slider, Indiana DNR-DHPA
Wade T. Tharp, Indiana DNR-DHPA



August 26, 2022

Erica Tait
Federal Highway Administration
Indiana Division
575 N. Pennsylvania Street, Suite 254
Indianapolis, Indiana 46204

Ref: *Proposed SR 46 Pavement Replacement Project
City of Greensburg, Decatur County, Indiana
INDOT Des. Nos.: 1800255 and 1800256
ACHP Project Number: 18580*

Dear Ms. Tait:

On July 20, 2022, the Advisory Council on Historic Preservation (ACHP) received a notification and supporting documentation regarding the potential adverse effects of the referenced undertaking on a property or properties listed or eligible for listing in the National Register of Historic Places. Because the ACHP did not respond within 15 days with a decision regarding our non-participation, the ACHP assumes that the Federal Highway Administration has continued the consultation to resolve adverse effects.

However, if we receive a request for participation from the State Historic Preservation Officer, Tribal Historic Preservation Officer, affected Indian tribe, a consulting party, or other party, we may reconsider this decision. Should the undertaking's circumstances change, consulting parties cannot come to consensus, or you need further advisory assistance to conclude the consultation process, please contact us.

Pursuant to 36 CFR §800.6(b)(1)(iv), you will need to file the final Section 106 agreement document (Agreement), developed in consultation with the Indiana State Historic Preservation Office and any other consulting parties, and related documentation with the ACHP at the conclusion of the consultation process. The filing of the Agreement and supporting documentation with the ACHP is required in order to complete the requirements of Section 106 of the National Historic Preservation Act.

If you have any questions or require our further assistance, please contact Ms. Mandy Ranslow at 202-517-0218 or by e-mail at mranslow@achp.gov and reference the ACHP Project Number above.

Sincerely,

LaShavio Johnson
Historic Preservation Technician
Office of Federal Agency Programs



Miami Tribe of Oklahoma

3410 P St. NW, Miami, OK 74354 • P.O. Box 1326, Miami, OK 74355
Ph: (918) 541-1300 • Fax: (918) 542-7260
www.miamination.com



Via email: mcoon@indot.in.gov

December 13, 2022

Matt Coon, Tribal Liaison
INDOT, Cultural Resources Office
100 North Senate Avenue, N758-ES
Indianapolis, Indiana 46204

Re: Des. No. 1800255 & 1800256; DHPA No. 25043, SR 46 Pavement Replacement, Decatur County, Indiana – Comments of the Miami Tribe of Oklahoma

Dear Mr. Coon:

Aya, kweehsitoolaani– I show you respect. The Miami Tribe of Oklahoma, a federally recognized Indian tribe with a Constitution ratified in 1939 under the Oklahoma Indian Welfare Act of 1936, respectfully submits the following comments regarding Des. No. 1800255 & 1800256; DHPA No. 25043, SR 46 Pavement Replacement in Decatur County, Indiana.

The Miami Tribe offers no objection to the above-referenced project at this time, as we are not currently aware of existing documentation directly linking a specific Miami cultural or historic site to the project site. However, given the Miami Tribe's deep and enduring relationship to its historic lands and cultural property within present-day Indiana, if any human remains or Native American cultural items falling under the Native American Graves Protection and Repatriation Act (NAGPRA) or archaeological evidence is discovered during any phase of this project, the Miami Tribe requests immediate consultation with the entity of jurisdiction for the location of discovery. In such a case, please contact me at 918-541-8966 or by email at THPO@miamination.com to initiate consultation.

The Miami Tribe accepts the invitation to serve as a consulting party to the proposed project. In my capacity as Tribal Historic Preservation Officer I am the point of contact for consultation.

Respectfully,

Diane Hunter
Tribal Historic Preservation Officer

Kyle J. Boot

From: Kyle J. Boot <KBoot@rqaw01.onmicrosoft.com>
Sent: Thursday, November 17, 2022 11:58 AM
To: Joshua Marsh; McCord, Beth K
Cc: Alexander, Kelyn; Susan Branigin - Indiana Department of Transportation (sbranigin@indot.IN.gov); Coon, Matthew; Terry Summers (TSUMMERS@indot.IN.gov); Harlan Ford; Joseph Dabkowski; Wilcox, Mitchell; Jack, Laura; Curtis, William; Molnar, Katherine J; rmay@greensburg.in.gov; Slider, Chad (DNR)
Subject: FHWA Project: Des. Nos. 1800255 and 1800256; MOA Signatures, SR 46 Pavement Replacement Project, Decatur County, Indiana
Attachments: SR46Greensburg_Des1800255&1800256_MOA_2022-11-14_INDOT_Signed.pdf

Des. Nos.: 1800255 and 1800256

Project Description: SR 46 Pavement Replacement

Location: City of Greensburg, Decatur County, Indiana

Dear Mayor Marsh and Ms. McCord,

FHWA has issued a finding of “Adverse Effect” for this project. A Memorandum of Agreement (MOA) has been prepared as part of the efforts to resolve adverse effects as described in 36 CFR § 800.6. The MOA was revised per comments in the Indiana State Historic Preservation Officer’s letter dated August 22, 2022. Please find the revised MOA attached to this email.

As required and invited signatories, you are asked to sign your signature page and provide a copy of that signed page to Kyle Boot at kboot@rqaw.com or mail a hard copy to 8770 North St., Ste. 110, Fishers, IN 46038. The signed signature page is appreciated within 30 days from the date of receipt.

If you have any questions regarding this matter, please feel free to contact me.

Sincerely,
Kyle J. Boot



KYLE BOOT

LEAD ARCHITECTURAL HISTORIAN

O: 317.588.1762

8770 North St., Ste. 110, Fishers, IN 46038

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Phone 317-232-1646 · Fax 317-232-0693 · dhpa@dnr.IN.gov · www.IN.gov/dnr/historic



December 12, 2022

Kyle J. Boot
Architectural Historian
RQAW Corporation
8770 North Street, Suite 110
Fishers, Indiana 46038

Federal Agency: Indiana Department of Transportation (“INDOT”),
on behalf of Federal Highway Administration, Indiana Division (“FHWA”)

Re: DUAL REVIEW: Signature request for the Memorandum of Agreement (MOA) for SR 46
Pavement Replacement, from the east junction with SR 3 to the west junction with US 421,
approximately 1.8 miles in length and from the east junction with US 421 to approximately
0.8 mile east of the east junction with US 421; in the City of Greensburg, Washington
Township, Decatur County, Indiana (Des. Nos. 1800255 and 1800256; DHPA No. 25043)

Dear Mr. Boot:

Pursuant to Section 106 of the National Historic Preservation Act of 1966, as amended (54 U.S.C. § 306108); implementing regulations at 36 C.F.R. Part 800, and the “Programmatic Agreement (PA) Among the Federal Highway Administration, the Indiana Department of Transportation, the Advisory Council on Historic Preservation and the Indiana State Historic Preservation Officer Regarding the Implementation of the Federal Aid Highway Program In the State of Indiana” (“Indiana Minor Projects PA”); and also pursuant to Indiana Code 14-21-1-18 and 312 Indiana Administrative Code (“IAC”) 20-4, the staff of the Indiana State Historic Preservation Officer and of the Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, has reviewed the materials that were submitted on November 17, 2022 for this project.

I have signed the final MOA, as submitted, to indicate our approval of its terms.

Upon execution of the MOA and circulation to consulting parties and having considered its terms to resolve effects for the SR 46 Pavement Replacement Project, which concludes the federal review process under Section 106 of the National Historic Preservation Act, I have determined that the objectives and purposes of IC 14-21-1-18 have been achieved. Therefore, the Indiana Department of Transportation is hereby exempted from obtaining a certificate of approval from the Indiana Historic Preservation Review Board for this project.

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

Within fifteen (15) days after this determination, a member of the Indiana Historic Preservation Review Board may request review by the Review Board for the purpose of acting upon a certificate of approval for this project. If a request for review is made, the division will place a completed application on the agenda of the next meeting of the Review Board for a determination. If no request for review is made, then this letter of clearance is affirmed. A determination under this subsection is not effective until the later of the following:

- (1) fifteen (15) days after issuance of the determination; or
- (2) the day resulting from a notice given under 312 IAC 2-3-7(d).

The DNR mission: Protect, enhance, preserve and wisely use natural, cultural and recreational resources for the benefit of Indiana's citizens through professional leadership, management and education.

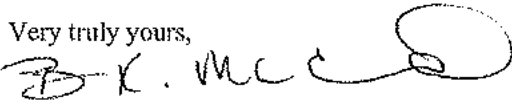
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If you have questions regarding our Dual Review of the aforementioned project, please contact DHPA. Questions about archaeological issues should be directed to Wade Tharp at (317) 232-1650 or wtharp1@dnr.IN.gov. Questions about buildings or structures pertaining to this review should be directed to Chad Slider at (317) 234-5366 or cslider@dnr.IN.gov.

For the benefit of those recipients of a copy of this letter who are not Section 106 consulting parties, please be aware that the documents discussed here can be found online in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/>. From there, search by this project's designation number: 1800255. Anyone receiving an e-mailed copy of this letter who does not wish to receive future copies of our correspondence about this project is asked to reply to cslider@dnr.IN.gov and so advise us.

In all future correspondence about the SR 46 Pavement Replacement in Greensburg, Decatur County (Des. Nos. 1800255 and 1800256), please refer to DHPA No. 25043.

Very truly yours,



Beth K. McCord
Deputy State Historic Preservation Officer
Director, Division of Historic Preservation and Archaeology

BKM:CWS:ows

cc: Jose & Shirley Pastagal, Property Owners of the Charles Zoller House

emc: Erica Tait, FHWA
Karstin Carmany-George, FHWA
Mary Kennedy, INDOT
Matt Coon, INDOT
Susan Branigin, INDOT
Kylie Boot, RQAW
Brittany Miller, Indiana Landmarks, Eastern Regional Office
Judy Rust, Decatur County Alliance for Preservation
Terrah Nunley, Main Street Greensburg
Russell Wilhoit, Decatur County Historian
Charity Mitchell, Greensburg-Decatur County Public Library / Decatur County History Blog
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Jim Grey, Historic Michigan Road
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April Sievert, Ph.D., Indiana Historic Preservation Review Board
Jason Larison, AIA, Indiana Historic Preservation Review Board
Ryan Mueller, Deputy Director, Indiana Department of Natural Resources

Beth McCord, Indiana DNR-DHPA
Chad Slider, Indiana DNR-DHPA
Wade T. Tharp, Indiana DNR-DHPA

**MEMORANDUM OF AGREEMENT
BETWEEN THE FEDERAL HIGHWAY ADMINISTRATION AND
THE INDIANA STATE HISTORIC PRESERVATION OFFICER
SUBMITTED TO THE ADVISORY COUNCIL ON HISTORIC PRESERVATION
PURSUANT TO 36 C.F.R. Section 800.6(b)(iv)
REGARDING THE SR 46 PAVEMENT REPLACEMENT PROJECT
IN GREENSBURG, WASHINGTON TOWNSHIP, DECATUR COUNTY, INDIANA
DES. NOS. 1800255 and 1800256**

WHEREAS the Federal Highway Administration ("FHWA") proposes to fund the construction for the SR 46 Pavement Replacement Project in Greensburg, Washington Township, Decatur County, Indiana; and

WHEREAS the FHWA, in consultation with the Indiana State Historic Preservation Officer ("Indiana SHPO"), has defined the SR 46 Pavement Replacement Project's area of potential effects ("APE"), as the term is defined in 36 C.F.R. Section 800.16(d), to be the area within approximately one property from the project area (approximately 200 feet from either side of the road centerline); and

WHEREAS the FHWA, in consultation with the Indiana SHPO, has found that the Greensburg Downtown Historic District (NR # 1261), the Charles Zoller House (NR # 0308), and the Greensburg Eastside Residential Historic District (IHSSI # 031-252-23001 – 068) are within the APE; and

WHEREAS the FHWA, in consultation with the Indiana SHPO, has determined, pursuant to 36 C.F.R. Section 800.4(c), that the Charles Zoller House (NR # 0308) and the Greensburg Eastside Residential Historic District (IHSSI # 031-252-23001 – 068) are eligible for inclusion in the National Register of Historic Places ("National Register");

WHEREAS the FHWA and the Indiana SHPO both recognize that the Greensburg Downtown Historic District (NR # 1261) is listed on the National Register of Historic Places ("National Register"); and

WHEREAS the FHWA, in consultation with the Indiana SHPO, has determined pursuant to 36 C.F.R. Section 800.5(a) that the SR 46 Pavement Replacement Project in Greensburg will have an adverse effect on the Greensburg Eastside Residential Historic District (IHSSI # 031-252-23001 – 068); and

WHEREAS the FHWA has consulted with the Indiana SHPO in accordance with Section 106 of the National Historic Preservation Act (54 U.S.C. § 306108) and its implementing regulations (36 C.F.R. Section 800) to resolve the adverse effect on the Greensburg Eastside Residential Historic District (IHSSI # 031-252-23001 – 068); and

WHEREAS the public was given an opportunity to comment on the undertaking's adverse effect in a notice published on July 26, 2022, in the *Daily News* newspaper serving the City of Greensburg; and

WHEREAS the FHWA has notified the Advisory Council on Historic Preservation (“Council”) of the adverse effect and invited the Council's participation in the project, pursuant to 36 CFR Section 800.6(a)(1), in a letter dated July 20, 2022; and

WHEREAS the Council declined to participate in consultation in a letter dated August 26, 2022, however, may reconsider if a request to participate is received; and

WHEREAS the FHWA, in consultation with the Indiana SHPO, has invited the Indiana Department of Transportation (“INDOT”) to participate in the consultation and to become a signatory to this memorandum of agreement; and

WHEREAS the FHWA, in consultation with the Indiana SHPO, has invited the City of Greensburg to participate in the consultation and to become a signatory to this memorandum of agreement; and

WHEREAS the FHWA has consulted with the Indiana SHPO in accordance with Section 106 of the National Historic Preservation Act (16 U.S.C. 470f) and its implementing regulations (36 C.F.R. Part 800) concerning the scope of work as presented in the materials and plans dated July 20, 2022, and has agreed to proceed with the project as proposed; and

NOW, THEREFORE, the FHWA and the Indiana SHPO agree that, upon the submission of a copy of this executed memorandum of agreement, as well as the documentation specified in 36 C.F.R. Section 800.11(e) and (f) to the Council pursuant to 36 C.F.R. Section 800.6[b][1][iv] and upon the FHWA's approval of the SR 46 Pavement Replacement Project, the FHWA shall ensure that the following stipulations are implemented in order to take into account the effect of the SR 46 Pavement Replacement Project on historic properties.

I. MITIGATION STIPULATIONS

Mitigation for the SR 46 Pavement Replacement Project will consist of the following measures:

- A. The limestone curbs within the project area will be carefully removed by the contractor and curbs in good condition will be provided to the City of Greensburg for storage and reuse at other locations in the following priority: within the Greensburg Eastside Residential Historic District, in other historic districts within Greensburg, or other public areas within Greensburg. The City of Greensburg shall make a good faith effort to reuse as many of the limestone curbs as possible within ten (10) years of execution of this agreement.
- B. The INDOT shall reinstall the salvaged limestone curbs in good condition in front of the Charles Zoller House (approximately 260 linear feet) and in front of the Wilderwood House (approximately 180 linear feet). The INDOT shall submit detailed curb construction plans to the Indiana SHPO and other consulting parties

for a 30-day review and comment period before construction. If the Indiana SHPO or other consulting parties do not respond within thirty (30) days, acceptance shall be assumed. If the Indiana SHPO or other consulting parties respond with recommendations, a good faith effort to accommodate the recommendations shall be made. FHWA shall inform the Indiana SHPO and other consulting parties of its response to such comments.

- C. The INDOT shall construct the multi-use path to be 8-feet wide and with concrete within the Greensburg Eastside Residential Historic District. The back of the new multi-use path shall be no closer to the homes within the district than is the back of the existing sidewalk.
- D. The INDOT shall replicate the existing stamped street names (“Stewart St” and “Main St”) in the multi-use path concrete at the northeast quadrant of that intersection.
- E. The INDOT shall avoid damage to any stone retaining walls, steps, sidewalks or walkways in front of the Charles Zoller House or within the Greensburg Eastside Residential Historic District. If damage occurs, INDOT shall reconstruct the damaged area in-kind or as close as possible to the Secretary of the Interior’s Standards for Reconstruction.
- F. The INDOT shall plant appropriate varieties of street trees in the grass buffer (between the curb and multi-use path) within the Greensburg Eastside Residential Historic District. The INDOT shall submit detailed planting plans to the Indiana SHPO and other consulting parties for a 30-day review and comment period before construction. If the Indiana SHPO or other consulting parties do not respond within thirty (30) days, acceptance shall be assumed. If the Indiana SHPO or other consulting parties respond with recommendations, a good faith effort to accommodate the recommendations shall be made. FHWA shall inform the Indiana SHPO and other consulting parties of its response to such comments.
- G. The INDOT shall submit detailed street lighting plans (adjacent to and within the Charles Zoller House and Greensburg Eastside Residential Historic District) to the Indiana SHPO and other consulting parties for a 30-day review and comment period before construction. If the Indiana SHPO or other consulting parties do not respond within thirty (30) days, acceptance shall be assumed. If the Indiana SHPO or other consulting parties respond with recommendations, a good faith effort to accommodate the recommendations shall be made. FHWA shall inform the Indiana SHPO and other consulting parties of its response to such comments.

II. OBJECTION RESOLUTION PROVISION

Disagreement and misunderstanding about how this memorandum of agreement is or is not being implemented shall be resolved in the following manner:

- A. If the Indiana SHPO or any invited signatory to this memorandum of agreement should object in writing to the FHWA regarding any action carried out or proposed with respect to the SR 46 Pavement Replacement Project or implementation of this memorandum of agreement, then the FHWA shall consult with the objecting party to resolve this objection. If after such consultation the FHWA determines that the objection cannot be resolved through consultation, then the FHWA shall forward all documentation relevant to the objection to the Council, including the FHWA's proposed response to the objection. Within 45 days after receipt of all pertinent documentation, the Council shall exercise one of the following options:
 - i. Provide the FHWA with a staff-level recommendation, which the FHWA shall take into account in reaching a final decision regarding its response to the objection; or
 - ii. Notify the FHWA that the objection will be referred for formal comment pursuant to 36 C.F.R. Section 800.7(c), and proceed to refer the objection and comment. The FHWA shall take into account the Council's comments in reaching a final decision regarding its response to the objection.
- B. If comments or recommendations from the Council are provided in accordance with this stipulation, then the FHWA shall take into account any Council comment or recommendations provided in accordance with this stipulation with reference only to the subject of the objection. The FHWA's responsibility to carry out all actions under the memorandum of agreement that are not the subjects of the objection shall remain unchanged.

III. POST-REVIEW DISCOVERY

In the event that one or more historic properties--other than the Greensburg Downtown Historic District (NR # 1261), the Charles Zoller House (NR # 0308), and the Greensburg Eastside Residential Historic District (IHSSI # 031-252-23001 – 068)-- are discovered or that unanticipated effects on historic properties are found during the implementation of this memorandum of agreement, the FHWA shall follow the procedure specified in 36 C.F.R. Section 800.13, as well as IC 14-21-1-27 and IC 14-21-1-29, by stopping work in the immediate area and informing the Indiana SHPO and the INDOT Cultural Resources Office of such unanticipated discoveries or effects within two (2) business days. When indicating that any necessary archaeological investigations will be conducted according to the provisions of IC 14-21-1, 312 IAC 21, and the *Guidebook for Indiana Historic Sites and Structures Inventory – Archaeological Sites*; please include reference to 312 IAC 22.

IV. AMENDMENT

Any signatory to this memorandum of agreement may request that it be amended, whereupon the parties shall consult to consider the proposed amendment. 36 C.F.R. 800.6(c)(7) shall govern the execution of any such amendment.

V. TERMINATION

- A. If the terms of this memorandum of agreement have not been implemented within ten (10) years of execution of this agreement, then this memorandum of agreement shall be considered null and void. In such an event, the FHWA shall so notify the parties to this memorandum of agreement and, if it chooses to continue with the SR 46 Pavement Replacement Project, then it shall reinitiate review of the SR 46 Pavement Replacement Project in accordance with 36 C.F.R. Sections 800.3 through 800.7.
- B. Any signatory to this memorandum of agreement may terminate it by providing thirty (30) days notice to the other parties, provided that the parties shall consult during the period prior to termination to seek agreement on amendments or other actions that would avoid termination. In the event of termination, the FHWA shall comply with 36 C.F.R. Sections 800.3 through 800.7 with regard to the review of the SR 46 Pavement Replacement Project.
- C. In the event that the FHWA does not carry out the terms of this memorandum of agreement, the FHWA shall comply with 36 C.F.R. Sections 800.3 through 800.7 with regard to the review of the SR 46 Pavement Replacement Project.

The execution of this memorandum of agreement by the FWHA, the Indiana SHPO, INDOT, and the City of Greensburg, the submission of it to the Council with the appropriate documentation specified in 36 C.F.R. Section 800.11(e) and (f), and the implementation of its terms evidence that the FHWA has afforded the Council an opportunity to comment on the SR 46 Pavement Replacement Project and its effect on historic properties and that the FHWA has taken into account the effects of the SR 46 Pavement Replacement Project on historic properties.

SIGNATORIES (required):

FEDERAL HIGHWAY ADMINISTRATION
INDIANA STATE HISTORIC PRESERVATION OFFICER

INVITED SIGNATORIES:

INDIANA DEPARTMENT OF TRANSPORTATION
CITY OF GREENSBURG

Signature pages for each signatory are separate so that concurrent signatures may be obtained.

SIGNATORY PAGE
MEMORANDUM OF AGREEMENT
BETWEEN THE FEDERAL HIGHWAY ADMINISTRATION AND
THE INDIANA STATE HISTORIC PRESERVATION OFFICER
SUBMITTED TO THE ADVISORY COUNCIL ON HISTORIC PRESERVATION
PURSUANT TO 36 C.F.R. Section 800.6(b)(iv)
REGARDING THE SR 46 PAVEMENT REPLACEMENT PROJECT
IN GREENSBURG, WASHINGTON TOWNSHIP, DECATUR COUNTY, INDIANA
DES. NOS. 1800255 and 1800256

REQUIRED SIGNATORY

FEDERAL HIGHWAY ADMINISTRATION

Erica Tait Digitally signed by Erica Tait
Date: 2022.12.20 21:20:42
-05'00'

By: _____
For: Jermaine R. Hannon, Division Administrator

Date: 12/20/2022

SIGNATORY PAGE
MEMORANDUM OF AGREEMENT
BETWEEN THE FEDERAL HIGHWAY ADMINISTRATION AND
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IN GREENSBURG, WASHINGTON TOWNSHIP, DECATUR COUNTY, INDIANA
DES. NOS. 1800255 and 1800256

REQUIRED SIGNATORY

INDIANA STATE HISTORIC PRESERVATION OFFICER

By:  Date: 12/12/2022
Beth K. McCord, Deputy State Historic Preservation Officer

SIGNATORY PAGE
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IN GREENSBURG, WASHINGTON TOWNSHIP, DECATUR COUNTY, INDIANA
DES. NOS. 1800255 and 1800256

INVITED SIGNATORY

INDIANA DEPARTMENT OF TRANSPORTATION


By: LEHilden
Laura Hilden, Environmental Services Director

Date: 11/16/2022

SIGNATORY PAGE
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REGARDING THE SR 46 PAVEMENT REPLACEMENT PROJECT
IN GREENSBURG, WASHINGTON TOWNSHIP, DECATUR COUNTY, INDIANA
DES. NOS. 1800255 and 1800256

Optional: **INVITED SIGNATORY**

CITY OF GREENSBURG

By: 

Joshua Marsh, Mayor

Date: 11/17/2022



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N758-ES
Indianapolis, Indiana 46204

PHONE: (855) 463-6848

Eric Holcomb, Governor
Michael Smith, Commissioner

January 3, 2023

This letter was sent to the listed parties.

RE: Final Memorandum of Agreement (MOA)
Dual Review Project
SR 46 Pavement Replacement Project
Des. Nos. 1800255 & 1800256
DHPA No. 25043
Greensburg, Decatur County, Indiana

Dear Consulting Party,

The Indiana Department of Transportation (INDOT), with funding from the Federal Highway Administration (FHWA), proposes to proceed with the SR 46 Pavement Replacement project, Des. Nos. 1800255 & 1800256.

This letter is part of the Section 106 review process for this project. Section 106 of the National Historic Preservation Act requires federal agencies to take into account the effects of their undertakings on historic and archaeological properties.

A Section 106 early coordination letter (ECL) was distributed on February 12, 2020. In addition, a letter distributed on February 18, 2021, notified consulting parties that a historic property report (HPR) and archaeology report (tribes only) were available for review and comment. An Effect Letter was distributed to consulting parties on July 22, 2021, and a Consulting Party Meeting was held on August 11, 2021. The Consulting Party Meeting minutes were distributed to consulting parties on August 27, 2021. An additional coordination letter (with survey to property owners and residents of the Eastside Residential Historic District) was distributed on January 11, 2022. The Adverse Effect Section 106 finding (800.11e) documentation and a draft Memorandum of Agreement (MOA) were distributed to consulting parties on July 20, 2022.

The proposed undertaking is on SR 46 from the east junction with SR 3 through the west junction with US 421, approximately 1.8 miles in length; and from the east junction with US 421 to approximately 0.8 mile east of the east junction with US 421 in Greensburg, Decatur County, Indiana. It is within Washington Township, on the *Forest Hill, IN* and *Greensburg, IN* USGS topographic quadrangles, in Township 10 North, Range 9 East, sections 1-3, 9-12. The project area can be viewed online at <https://arcg.is/jqueP> (the Des. No. is the most efficient search term once in the CRO - Public Web Map App).

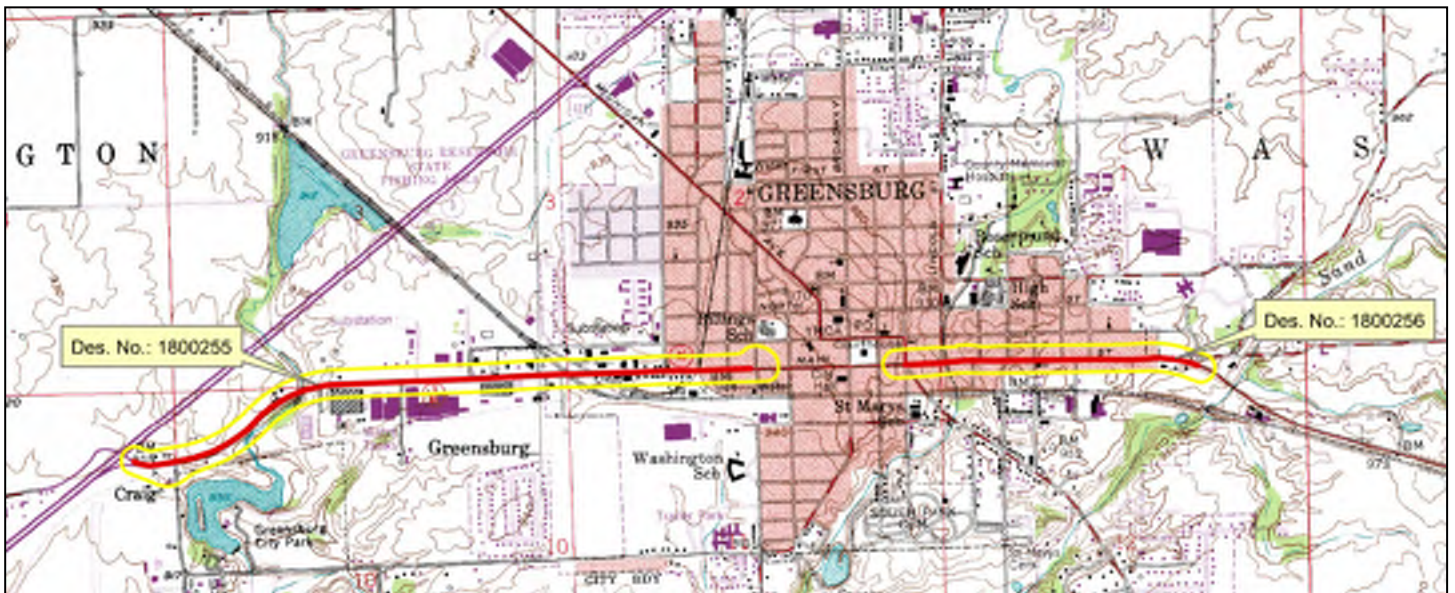


Figure 1: Project location on USGS Topographic Map (1:24,000)

The need for these projects is based on the existing pavement deterioration, insufficient drainage, and lack of Americans with Disabilities Act (ADA)-compliant pedestrian facilities. The pavement failure is exhibited by traverse cracking, rutting, wheel path fatigue cracking, previous patching, and isolated areas with potholes. Water regularly ponds along the project area and contributes to the poor pavement conditions. The pedestrian facilities do not meet current ADA standards.

The purpose of these projects is to add service life to the pavement, improve the overall pavement condition, remove ponding water to further improve pavement life, and upgrade pedestrian facilities to current ADA compliance standards.

The proposed alternative for these projects would involve replacing the existing pavement, replacing the curbs and gutters, installing new storm sewer inlets and lines, and replacing/extending pedestrian facilities. The proposed alternative meets the purpose and the need because it extends the service life of the roadway, addresses water ponding issues, and provides ADA-compliant pedestrian facilities.

Des. No. 1800255 (West of US 421): The proposed alternative from the western limits (SR 3) to the railroad crossing, approximately 1.3 miles, recommends hot mix asphalt (HMA) preventative maintenance milling (1.5 inches) and overlay (including shoulders), with partial and full-depth patching at selected locations. From the railroad crossing through the west junction with US 421-- approximately 0.5 mile-- the recommended alternative involves full-depth reconstruction at or near the existing grade. The recommended typical section is two (2) 12-foot lanes with a curb and gutter. Additional work will include: 1) replacing the curb and gutters (moving in slightly to reduce the overall pavement width); 2) replacing the storm sewer and installing new inlets; 3) replacing all curb ramps to current ADA standards; 4) replacing existing sidewalks and adding sidewalks to current gaps; 5) regrading and reconstructing driveway approaches as necessary; 6) removing four trees in the grass buffer (lawn between back of curb and sidewalk, and trees are not adjacent to any historic resources); and 7) installing street lights and replacing the watermain (funded by the City of Greensburg). Additionally, the intersection at the west junction of SR 46 and US 421 (locally known as Main Street and Ireland Street) will be reconstructed. The intersection work includes new storm sewer and inlets, improved turning radii of the northeast quadrant (moving the new curb to roughly the back of the existing sidewalk), adjusting the signal pole locations, and replacing curb ramps to current ADA standards.

Des. No. 1800256 (East of US 421): The proposed alternative from the western limits (east junction with US 421) to the Greensburg Public Library recommends a full-depth pavement replacement and some reduction to the pavement widths. From the library to the eastern project limits, HMA preventative maintenance overlay is recommended. The recommended typical section is two (2) 12-foot wide travel lanes (and some 8-foot wide parking lanes) with a curb and gutter. Additional work will include: 1) replacing the curb and gutters; 2) replacing the storm sewer and installing new inlets; 3) reconstructing curb ramps to current ADA standards; 4) reconstructing sidewalks (5-foot wide along the south side and expanding to an 8 to 10-ft wide multi-use path¹ along the north side); 5) extending the sidewalk (on the northside) in front of the Greensburg Public Library to Washington Street; 6) replacing walkway approaches between the sidewalk and curb line; 7) regrading driveway approaches; 8) removing trees in the grass buffer (lawn between back of curb and sidewalk); and 9) installing new streetlights (matching those recently installed on Lincoln Street), funded by the City of Greensburg.

The project is anticipated to be let in 2024. Through further design development, the apparent existing right-of-way was determined to vary through the project area 0-15 feet from the edge of pavement and/or the back of existing sidewalk (0-15 feet); and the anticipated right-of-way amounts have been refined and reduced. At this time, anticipated right of way is not expected to exceed approximately 1.1 acres of temporary right-of-way and approximately 0.9 acre of permanent right-of-way. The temporary right-of-way is anticipated for drive reconstruction and grading behind pedestrian facility construction. Access to residences and businesses along SR 46 will be continuously maintained during construction. It is anticipated that the road will need to be closed due to the extent of watermain, sanitary, and storm sewer replacement in the project area.

Michael Baker International, Inc. and RQAW are under contract with INDOT to advance the environmental documentation for the referenced project. RQAW (above-ground) and CRA (archaeology) have been subcontracted to complete the Section 106 documentation for the project.

In accordance with 36 CFR 800.2 (c), you were invited to become a consulting party as part of the Section 106 process. Entities that have previously accepted consulting party status are identified in bold in the attached list.

The Section 106 process involves efforts to identify historic properties potentially affected by the undertaking, to assess the undertaking's effects and to seek ways to avoid, minimize, or mitigate any adverse effects on historic properties. For more information regarding the protection of historic resources, please see the Advisory Council on Historic Preservation's guide: *Protecting Historic Properties: A Citizen's Guide to Section 106 Review* available online at <https://www.achp.gov/sites/default/files/documents/2017-01/CitizenGuide.pdf>.

Please note that, per the permanent rule issued by the Indiana Department of Natural Resources effective August 14, 2013 (312 IAC 20-4-11.5), INDOT is requesting that this project be subjected to "dual review"; that is, reviewed by the Division of Historic Preservation and Archaeology simultaneously under 54 U.S.C. 306108 (Section 106) and IC 14-21-1-18 (Indiana Preservation and Archaeology Law dealing with alterations of historic sites and structures requiring a Certificate of Approval). Pursuant to Section 11.5(f) of this rule, at the conclusion of the review process we anticipate that the Division Director would issue a letter of clearance exempting this project from obtaining a Certificate of Approval under IC 14-21-1-18. Enclosed with this letter is a detailed list of the consulting parties with contact information, including email addresses, for processing the dual review submission.

¹ The multi-use path will be 8-foot wide concrete within the Greensburg Eastside Residential Historic District and 10-foot wide asphalt east of the district.

The Area of Potential Effects (APE) is the area in which the proposed project may cause alterations in the character or use of historic resources. The APE contains two resources listed in the State Register and/or National Register of Historic Places (“NRHP”): the Greensburg Downtown Historic District (NR-1261) and the Charles Zoller House (NR-0308) at 345 E. Main Street (State Register only).

A historian who meets the Secretary of the Interior’s Professional Qualification Standards identified and evaluated above-ground resources within the APE for potential eligibility for the NRHP. The Greensburg Eastside Residential Historic District (IHSSI # 031-252-23001 to 068) was previously determined eligible for listing in the NRHP during the SR 46 Small Structure Replacement project (INDOT, Des. No.: 1400150).² As a result of the historic property identification and evaluation efforts, the Greensburg Eastside Residential Historic District continues to be recommended as eligible for listing in the NRHP.

For purposes of the Section 106 review, in a letter dated March 22, 2021, the SHPO staff agreed “with the conclusion of the HPR that the Greensburg Downtown Historic District (NR-1261) is listed in the NRHP; the Charles Zoller House is listed in the Indiana Register of Historic Sites and Structures--and it is eligible for inclusion in the NRHP--and the Greensburg Eastside Residential Historic District is eligible for inclusion in the NRHP.”

With regard to archaeological resources, an archaeologist who meets the Secretary of the Interior’s Professional Qualification Standards identified three (3) sites within the project area. The current reconnaissance resulted in the documentation of three previously unrecorded archaeological sites (12De1011–12De1013). These three sites are historic artifact scatters that range from the mid-nineteenth through the twentieth centuries. Overall, these sites exhibited poor archaeological integrity and are recommended not eligible for inclusion in the NRHP. Thus, no further work is recommended for the sites, and archaeological clearance is recommended for the proposed project. Please see the Phase Ia report (tribes only) distributed with the letter dated February 18, 2021.

In the same letter dated March 22, 2021, the Indiana SHPO staff confirmed that, based on submitted information, there is insufficient information regarding the archaeological sites to determine whether they are eligible for inclusion in the NRHP. The Indiana SHPO staff concurred with the opinion of the archaeologists “that the portions of these sites that lie within the proposed project area do not appear to contain significant archaeological deposits, and that no further archaeological investigations appear necessary at the proposed project area.” No other responses to the distribution of the HPR and archaeology report were received.

To meet the public involvement requirements of Section 106, a legal notice of FHWA’s finding of “Adverse Affect” was published in the *Greensburg Daily News* on July 26, 2022, offering the public an opportunity to submit comment pursuant to 36 CFR 800.2(d), 800.3(e), and 800.6(a)(4). The public comment period closed on August 30, 2022, and no comments were received.

In a letter dated August 22, 2022, the Indiana SHPO staff responded to the July 20, 2022 correspondence by stating,

We concur with FHWA’s Section 106 finding of No Adverse Effect for the Greensburg Downtown Historic District and the Charles Zoller House. We also concur with FHWA’s Section 106 finding of “Adverse Effect” for the Greensburg Eastside Residential Historic

² Sue Becher Gilliam, “Historic Property Report For State Route 46 Small Structure Replacement Project over Gas Creek Greensburg, Washington Township, Decatur County, Indiana (Des. No. 1400150)” (Indianapolis, Indiana: CEC, September 2015); Mitchell K. Zoll, “HPR for SR 46 Small Structure Replacement Project over Gas Creek, (Des. No. 1400150) (DHPA No. 18126),” November 2, 2015.

District. Accordingly, we concur with FHWA’s July 20, 2022, overall Section 106 finding of “Adverse Effect” for this federal undertaking.

Furthermore, we also concur that the undertaking’s temporary occupancy requirements for the Charles Zoller House and the Greensburg Eastside Residential Historic District have been met and that it does not constitute a Section 4(f) use.

The letter continued, making the following comment,

We have a recommendation regarding the Draft Memorandum of Agreement. In the III. POST-REVIEW DISCOVERY section, we recommend the following revision:

- When indicating that any necessary archaeological investigations will be conducted according to the provisions of IC 14-21-1, 312 IAC 21, and the *Guidebook for Indiana Historic Sites and Structures Inventory—Archaeological Sites*; please include reference to 312 IAC 22.

Other than this revision, we find the conditions and stipulations acceptable. Once the preceding revision has been made to the Draft MOA, unless another consulting party disagrees with the finding documentation or the language of the Draft MOA, it might be appropriate to finalize the MOA and circulate it for signature. Once the MOA is ready for signature, then we will consider whether it is appropriate to issue a Director’s Letter of Clearance for this project, indicating compliance with Indiana Code 14-21-1-18.

In a letter dated August 26, 2022, the Advisory Council on Historic Preservation (ACHP) responded to a request to participate. Because the ACHP did not respond to the invitation within 15 days, they assumed FHWA continued consultation to resolve the project’s adverse effects. The letter, however, stated, “if we [ACHP] receive a request for participation from the State Historic Preservation Officer, Tribal Historic Preservation Officer, affected Indian tribe, a consulting party, or other party, we may reconsider this decision.”

No other responses to the July 20, 2022 correspondence have been received. The requested change, per the Indiana SHPO’s comment, has been made to the MOA. Please see the Indiana SHPO letter dated August 22, 2022, and the ACHP letter dated August 26, 2022, attached to this correspondence.

At this time, the signed MOA is being circulated. A copy of the MOA is located in IN SCOPE at <https://erms12c.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). If a hard copy of the materials is needed, please respond to this correspondence with your request within seven (7) days.

For questions concerning specific project details, you may contact Kyle Boot of RQAW at 317-588-1762 or kboot@rqaw.com. All future responses regarding the proposed project, including executed signature pages, should be forwarded to RQAW at the following address:

Kyle Boot
Architectural Historian
RQAW
8770 North Street, Suite 110
Fishers, IN 46038
kboot@rqaw.com.

Tribal Contacts please respond to INDOT's Acting Tribal Liaison, Matt Coon at mcoon@indot.in.gov (317-697-9752) with any responses pertaining to this project including to provide INDOT/Indiana FHWA additional information about Tribal resources/concerns and questions/comments regarding cultural resources. The FHWA point of contact is Kari Carmany-George at K.CarmanyGeorge@dot.gov (317-226-5629).

Sincerely,



Matthew S. Coon, Acting Manager
Cultural Resources Office
Environmental Services

Enclosures:

MOA
Indiana SHPO letter dated August 22, 2022
ACHP letter dated August 26, 2022

Distribution List (entities that have accepted consulting party status are in bold):

Chad Slider, for Indiana State Historic Preservation Officer (SHPO), cslider@dnr.in.gov,
wtharp@dnr.in.gov

Chuck Emsweller, Decatur County Commissioner, chuckemsweller@gmail.com

Ronald L. May, P.E., Greensburg City Engineer, rmay@greensburg.in.gov

Joshua Marsh, Greensburg Mayor, jmarsh@greensburg.in.gov

Mark Klosterkemper, Greensburg Street Commissioner, mklosterkemper@cityofgreensburg.com

Sarah Hamer, Building Commissioner and Greensburg Historic Preservation Committee Chair,
shamer@greensburg.in.gov

Jose & Shirley Pastagal, Property Owners of the Charles Zoller House, 345 E Main Street, Greensburg,
IN 47240

Eastern Shawnee Tribe of Oklahoma

Miami Tribe of Oklahoma

Peoria Tribe of Indians of Oklahoma

Pokagon Band of Potawatomi Indians

Delaware Tribe of Indians, Oklahoma

Shawnee Tribe

Brittany Miller, Indiana Landmarks Eastern Regional Office, bmiller@indianalandmarks.org

Survey respondents of the following house numbers on Main Street (SR 46) within the Greensburg Eastside Residential Historic District: 420, 602, 615, 629, 630

Kyle J. Boot

From: Kyle J. Boot
Sent: Tuesday, January 3, 2023 12:08 PM
To: Slider, Chad (DNR); Tharp, Wade; chuck emsweller; rmay@greensburg.in.gov; Joshua Marsh; mklosterkemper@greensburg.in.gov; shamer@greensburg.in.gov; Brittany Miller
Cc: Alexander, Kelyn; Terry Summers (TSUMMERS@indot.IN.gov); Susan Branigin (sbranigin@indot.IN.gov); Coon, Matthew; Harlan Ford; Hannah Kopf; Joseph Dabkowski; Wilcox, Mitchell; Curtis, William; Jack, Laura; Molnar, Katherine J
Subject: FHWA Project: Des. Nos. 1800255 and 1800256; Final MOA, SR 46 Pavement Replacement Project, Decatur County, Indiana
Attachments: SR46Greensburg_Des1800255&1800256_RDL_2023-01-03.pdf;
SR46Greensburg_Des1800255and1800256_ExecutedFinalMOA_2022-12-20.pdf

Des. Nos.: 1800255 and 1800256

Project Description: SR 46 Pavement Replacement

Location: City of Greensburg, Decatur County, Indiana

The Indiana Department of Transportation (INDOT), with funding from the Federal Highway Administration (FHWA), proposes to proceed with the SR 46 Pavement Replacement project, Des. Nos. 1800255 & 1800256.

A fully executed Memorandum of Agreement (MOA) is available for your files. You can view the MOA electronically by accessing INDOT's Section 106 document posting website IN SCOPE at <https://erms12c.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Tribal Contacts please respond to INDOT's Acting Tribal Liaison, Matt Coon mcoon@indot.in.gov; (317-697-9752) with any responses pertaining to this project including to provide INDOT/Indiana FHWA additional information about Tribal resources/concerns and questions/comments regarding cultural resources. The FHWA point of contact is Kari Carmany-George at K.CarmanyGeorge@dot.gov (317-226-5629).

Thank you in advance for your input,
Kyle Boot



KYLE BOOT

LEAD ARCHITECTURAL HISTORIAN

O: 317.588.1762

8770 North St., Ste. 110, Fishers, IN 46038

www.rqaw.com



"Best Places to Work in Indiana" Since 2018



Kyle J. Boot

From: Alexander, Kelyn <KAlexander3@indot.IN.gov>
Sent: Tuesday, January 3, 2023 12:18 PM
To: THPO@MiamiNation.com; thpo@estoo.net; Charla EchoHawk
Cc: Carmany-George, Karstin (FHWA); Coon, Matthew; Kyle J. Boot; Branigin, Susan
Subject: RE: FHWA Project: Des. Nos. 1800255 and 1800256; Final MOA, SR 46 Pavement Replacement Project, Decatur County, Indiana
Attachments: SR46Greensburg_Des1800255&1800256_RDL_2023-01-03.pdf;
SR46Greensburg_Des1800255and1800256_ExecutedFinalMOA_2022-12-20.pdf

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Des. Nos.: 1800255 and 1800256

Project Description: SR 46 Pavement Replacement

Location: City of Greensburg, Decatur County, Indiana

The Indiana Department of Transportation (INDOT), with funding from the Federal Highway Administration (FHWA), proposes to proceed with the SR 46 Pavement Replacement project, Des. Nos. 1800255 & 1800256.

A fully executed Memorandum of Agreement (MOA) is available for your files. You can view the MOA electronically by accessing INDOT's Section 106 document posting website IN SCOPE at <https://erms12c.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Tribal Contacts please respond to INDOT's Acting Tribal Liaison, Matt Coon mcoon@indot.in.gov; (317-697-9752) with any responses pertaining to this project including to provide INDOT/Indiana FHWA additional information about Tribal resources/concerns and questions/comments regarding cultural resources. The FHWA point of contact is Kari Carmany-George at K.CarmanyGeorge@dot.gov (317-226-5629).

Thank you in advance for your input,

Kelyn Alexander

Major Projects/LPA Review Liaison

Cultural Resources Office

Environmental Services

100 N. Senate Ave., Room N758-ES

Indianapolis, IN 46204

Office: (317) 519-7759

Remote: 8am-4pm

Email: kalexander3@indot.in.gov

****Link to the CRO-Public Web Map App can be found [here](#)**

Kyle J. Boot

From: Alexander, Kelyn <KAlexander3@indot.IN.gov>
Sent: Tuesday, January 3, 2023 12:36 PM
To: Mandy Ranslow
Cc: Tait, Erica (FHWA); Kyle J. Boot; Coon, Matthew; Branigin, Susan
Subject: FHWA-IN Project: Notification of MOA-SR 46 Pavement Replacement Project, Greensburg, Decatur County, Indiana (Des. Nos. 1800255 & 1800256; ACHP #18580)
Attachments: SR46Greensburg_Des1800255&1800256_RDL_2023-01-03.pdf;
SR46Greensburg_Des1800255and1800256_ExecutedFinalMOA_2022-12-20.pdf

Caution: This e-mail originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Mandy,

Pursuant to 36 CFR §800.6(b)(1)(iv), attached is the Memorandum of Agreement (MOA) for the SR 46 Pavement Replacement Project in Greensburg, Decatur County, Indiana (ACHP #18580).

This MOA was developed in consultation with the Indiana State Historic Preservation Officer (SHPO) and other consulting parties. The related documentation was sent to the Advisory Council on Historic Preservation (ACHP) on July 20, 2022, and in correspondence dated August 26, 2022, the ACHP noted that since no response was received within 15 days, non-participation was likely presumed. However, the letter also noted that if a request for the ACHP's participation was received, the decision to not participate would be reconsidered.

The filing of this MOA and supporting documentation with the ACHP completes the requirements of Section 106 of the National Historic Preservation Act.

If you have any questions or require our further assistance, please let me know.

Thank you,

Kelyn Alexander

Major Projects/LPA Review Liaison

Cultural Resources Office

Environmental Services

100 N. Senate Ave., Room N758-ES

Indianapolis, IN 46204

Office: (317) 519-7759

Remote: 8am-4pm

Email: kalexander3@indot.in.gov

****Link to the CRO-Public Web Map App can be found [here](#)**



**EASTERN SHAWNEE
CULTURAL PRESERVATION DEPARTMENT**

70500 East 128 Road, Wyandotte, OK 74370

January 24, 2023

INDOT - Indiana Department of Transportation
100 N. Senate Ave. IGCN642
Indianapolis, IN 46201

RE: Des No. 1800255 and 1800256, Decatur County, Indiana

Dear Mr. Coon,

The Eastern Shawnee Tribe has received your letter regarding the above referenced project(s) within Decatur County, Indiana. The Eastern Shawnee Tribe is committed to protecting sites important to Tribal Heritage, Culture and Religion. Furthermore, the Tribe is particularly concerned with historical sites that may contain but not limited to the burial(s) of human remains and associated funerary objects.

As described in your correspondence, and upon research of our database(s) and files, we find our people occupied these areas historically and/or prehistorically. However, the project proposes **NO Adverse Effect** or endangerment to known sites of interest to the Eastern Shawnee Tribe. Please continue project as planned. However, should this project inadvertently discover an archeological site or object(s) we request that you immediately contact the Eastern Shawnee Tribe, as well as the appropriate state agencies (within 24 hours). We also ask that all ground disturbing activity stop until the Tribe and State agencies are consulted. Please note that any future changes to this project will require additional consultation.

In accordance with the NHPA of 1966 (16 U.S.C. § 470-470w-6), federally funded, licensed, or permitted undertakings that are subject to the Section 106 review process must determine effects to significant historic properties. As clarified in Section 101(d)(6)(A-B), historic properties may have religious and/or cultural significance to Indian Tribes. Section 106 of NHPA requires Federal agencies to consider the effects of their actions on all significant historic properties (36 CFR Part 800) as does the National Environmental Policy Act of 1969 (43 U.S.C. § 4321-4347 and 40 CFR § 1501.7(a)). This letter evidences NHPA and NEPA historic properties compliance pertaining to consultation with this Tribe regarding the referenced proposed projects.

Thank you, for contacting the Eastern Shawnee Tribe, we appreciate your cooperation. Should you have any further questions or comments please contact our Office.

Sincerely,

Paul Barton, Tribal Historic Preservation Officer (THPO)
Eastern Shawnee Tribe of Oklahoma
(918) 666-5151 Ext:1833
THPO@estoo.net

Categorical Exclusion

Appendix E

Red Flag and Hazardous Materials



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N642
Indianapolis, Indiana 46204

PHONE: (317) 232-5113
FAX: (317) 233-4929

Eric Holcomb, Governor
Joe McGuinness, Commissioner

Date: March 25, 2021

To: Site Assessment & Management (SAM)
Environmental Policy Office - Environmental Services Division (ESD)
Indiana Department of Transportation
100 N Senate Avenue, Room N642
Indianapolis, IN 46204

From: Cameron Fraser
RQAW Corporation
8770 North Street; Suite 110
Fishers, Indiana 46038
cfraser@rqaw.com

Re: RED FLAG INVESTIGATION
Des. Numbers 1800255 & 1800256, State Project
Pavement Improvement Projects
State Route (SR) 46, City of Greensburg
Decatur County, Indiana

PROJECT DESCRIPTION

Brief Description of Project: The Federal Highway Administration (FHWA) and Indiana Department of Transportation (INDOT), Seymour District propose to proceed with a pavement improvement project on SR 46 in Decatur County, Indiana. The proposed project is divided into two (2) sections with two (2) separate Designation (Des) Numbers (No.); Des No. 1800255 and Des No. 1800256.

The project limits of Des No. 1800255 are from SR 3 to the west junction with United States Highway (US) 421, totaling approximately 1.8 miles in length. From the SR 3 intersection to the Central Railroad Company of Indiana (CIND) railroad crossing, the proposed project will involve milling and Hot Mix Asphalt (HMA) preventative maintenance overlay (including shoulders), with partial and full depth pavement patching at various locations. From the CIND railroad crossing to the west junction with US 421, the proposed project will involve a full depth pavement replacement. Also included in this section of the project will be the replacement and/or construction of a stormwater sewer system with curb and gutter. The intersections of West Street, Carver Street, and Anderson Street will be reconstructed to meet current Americans with Disabilities Act (ADA) and Public Right of Way Accessibility Guidelines (PROWAG) standards. The existing sidewalks along SR 46 from a point 400 feet west of the intersection of West Street to the west junction of US 421 will be reconstructed or constructed if not existing.

The project limits of Des. No. 1800256 are from the east junction with US 421 to Base Road, totaling approximately 0.8 miles in length. The proposed project will involve full depth pavement replacement, and reconstruction/construction of sidewalks along SR 46 from the east junction of US 421 to the drive to the Greensburg Public Library (approximately 0.09 mile west of the Base Road intersection). Along the north side of SR 46, the existing sidewalk will be replaced with a multi-use path. The replacement and/or construction of a stormwater sewer system with curb and gutter will also be

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included for this portion of the project. From the drive to the Greensburg Public Library to the eastern project terminus, an HMA preventative maintenance overlay is anticipated.

Bridge and/or Culvert Work Included in Project: Yes No Structure #(s) _____

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

(Note: If the project involves a historical bridge, please include the bridge information in the Recommendations Section of the report).

Proposed right of way: Des No. 1800255: Temporary 0.70 acres, Permanent 0.80 acres, Not Applicable

Des No. 1800256: Temporary 0.30 acres, Permanent 0.95 acres, Not Applicable

Type of excavation: For areas of both projects involving full depth pavement replacement and storm sewer replacement, the maximum depth of excavation is not expected to exceed 10 feet below ground surface (bgs).

Maintenance of traffic: The maintenance of traffic (MOT) for both projects may consist of lane closures utilizing standard flagging operations, and possible detours.

Work in waterway: Yes No Below ordinary high water mark: Yes No

State Project: LPA:

Any other factors influencing recommendations: N/A

INFRASTRUCTURE TABLE AND SUMMARY

Infrastructure			
Indicate the number of items of concern found within the 0.5 mile search radius. If there are no items, please indicate N/A:			
Religious Facilities	9*	Recreational Facilities	13*
Airports ¹	1	Pipelines	8
Cemeteries	4	Railroads	6
Hospitals	1	Trails	4
Schools	4	Managed Lands	1

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

Religious Facilities: *Nine (9) religious facilities are located within the 0.5 mile search radius. The nearest facility, Wesleyan Church, is mapped adjacent to the project area for Des No. 1800256. However, upon further investigation on Google earth, Wesleyan Church is no longer in operation. The nearest religious facility, St. Mary Catholic Church, is located 0.10 mile south of the western project area terminus for Des No. 1800256. No impact is expected.

Airports: One (1) public airport is located within the 0.5 mile search radius. The public airport, Greensburg Municipal Airport, is located approximately 0.14 mile southwest of the western project area terminus for Des No.1800255; therefore, early coordination with INDOT Aviation will occur.

Cemeteries: Four (4) cemeteries are mapped within the 0.5 mile search radius. The nearest cemetery, South Park Cemetery, is located 0.23 mile south of the western project area terminus for Des No. 1800256. No impact is expected.

Hospitals: One (1) hospital is located within the 0.5 mile search radius. The Decatur County Hospital is located approximately 0.43 mile north of the western portion of the project area for Des No. 1800256. No impact is expected.

Schools: Four (4) schools are located within the 0.5 mile search radius. The nearest school, Saint Matty School, is mapped 0.11 mile south of the western project area terminus for Des No. 1800256. No impact is expected.

Recreational Facilities: *Thirteen (13) recreational facilities are mapped within the 0.5 mile search radius. The recreational facility, Greensburg Community Jr High/Rosenmund Elementary School is mapped adjacent to the project area for Des No. 1800256. However, the recreational facility is actually located 0.13 mile north of the western project area terminus for Des No. 1800256. One (1) recreational facility, Oddfellows/Rebekah Park, is located adjacent to the eastern project area terminus for Des No. 1800256. Coordination the Decatur County Parks and Recreation Department will occur.

Two (2) recreational facilities are located adjacent to the project areas for Des No. 1800255. Greensburg City Park and Greensburg Country Club are located adjacent to the south of the western portion of the project area for Des No. 1800255. Coordination the Decatur County Parks and Recreation Department and Greensburg Country Club will occur.

Pipelines: Eight (8) pipeline segments are located within the 0.5 mile search radius. Two (2) pipeline segments, associated with Indiana Gas Company, are located adjacent to the south of the project area for Des No. 1800255, and one (1) pipeline segment, associated with Indiana Gas Company, intersects the central portion of the project area for Des No. 1800255. Coordination with INDOT Utilities and Railroads will occur.

Railroads: Six (6) railroads are located within the 0.5 mile search radius. Four (4) railroad segments, associated with CIND railroad, are located adjacent to the project area for Des No. 1800255, and one (1) railroad segment, associated with CIND railroad, intersects the eastern portion of the project area for Des No. 1800255. Coordination with INDOT Utilities and Railroads will occur.

Trails: Four (4) trails are located within the 0.5 mile search radius. The nearest trail segment, Greensburg Bicycle/ Pedestrian Path, is a planned trail segment located adjacent to the south of the project area for Des No. 1800255. Coordination with the City of Greensburg will occur.

Managed Lands: One (1) Managed Land is located within the 0.5 mile search radius. Greensburg City Park is located adjacent to the south of the western project area terminus for Des No. 1800255. Coordination with the Decatur County Parks & Recreation Department will occur.

WATER RESOURCES TABLE AND SUMMARY

Water Resources			
Indicate the number of items of concern found within the 0.5 mile search radius. If there are no items, please indicate N/A:			
NWI - Points	1	Canal Routes - Historic	N/A
Karst Springs	N/A	NWI - Wetlands	13
Canal Structures – Historic	N/A	Lakes	7
NPS NRI Listed	N/A	Floodplain - DFIRM	46
NWI-Lines	12	Cave Entrance Density	N/A
IDEM 303d Listed Streams and Lakes (Impaired)	2	Sinkhole Areas	N/A
Rivers and Streams	20	Sinking-Stream Basins	N/A

National Wetlands Inventory (NWI) – Points: One (1) NWI – Point is located within the 0.5 mile search radius. The nearest NWI – Point is located approximately 0.17 mile south of the western portion of the project area for Des No. 1800256. No impact is expected.

NWI-Lines: Twelve (12) NWI-Line segments are located within the 0.5 mile search radius. Two (2) NWI-Line segments are located within the project areas for Des Nos. 1800255 and 1800256. One (1) NWI-Line segment intersects the western portion of the project area for Des No. 1800255, and one (1) NWI-Line segment intersects the western portion of the project area for Des No. 1800256. A Waters of the US Report will be prepared and coordination with INDOT ES Ecology and Waterway Permitting will occur.

Indiana Department of Environmental Management (IDEM) 303d Listed Streams and Lakes (Impaired): Two (2) impaired stream segments are located within the 0.5 mile search radius. The nearest impaired stream segment is located approximately 0.10 mile southeast of the eastern portion of the project area for Des No. 1800256. No impact is expected.

Rivers and Streams: Twenty (20) River and Stream segments are located within the 0.5 mile search radius. Three (3) stream segments are located within the project areas for Des Nos. 1800255 and 1800256. Two (2) stream segments are located within the western portion of the project area for Des No. 1800255. One (1) stream segment intersects the eastern portion of the project area for Des No. 1800256. A Waters of the US Report will be prepared and coordination with INDOT ES Ecology and Waterway Permitting will occur.

NWI- Wetlands: Thirteen (13) NWI-Wetland polygons are located within a 0.5 mile search radius. The nearest NWI-Wetland polygon is located 0.06 mile south of the western portion of the project area for Des No. 1800255. A Waters of the US Report will be prepared and coordination with INDOT ES Ecology and Waterway Permitting will occur.

Lakes: Seven (7) lakes are located within a 0.5 mile search radius. The nearest lake, Greensburg City Park Lake is located adjacent to the western portion of the project area for Des No. 1800255. A Waters of the US Report will be prepared and coordination with INDOT ES Ecology and Waterway Permitting will occur.

Floodplain – Digital Insurance Flood Rate Map (DFIRM): Forty-six (46) Floodplain-DFIRM polygons are located within a 0.5 mile search radius. Five (5) Floodplain-DFIRM Polygons are located within the project area for Des No. 1800255. Four (4) Floodplain-DFIRM polygons are located within the project area for Des No. 1800256, and one (1) Floodplain-DFIRM polygon is located adjacent to the south of the western portion of the project area for Des No. 1800256. Coordination with INDOT ES Ecology and Waterway Permitting will occur.

MINING AND MINERAL EXPLORATION TABLE AND SUMMARY

Mining/Mineral Exploration			
Indicate the number of items of concern found within the 0.5 mile search radius. If there are no items, please indicate N/A:			
Petroleum Wells	31	Mineral Resources	N/A
Mines – Surface	N/A	Mines – Underground	N/A

Petroleum Wells: Thirty-one (31) petroleum wells are located within the 0.5 mile search radius. Four (4) petroleum wells are located adjacent to the project area for Des No. 1800255. One (1) petroleum well is located adjacent to the north of the western portion of the project area, two (2) petroleum wells are located adjacent to the south of the central portion of the project area, and one (1) petroleum well is located adjacent to the south of the eastern portion of the project area. Coordination with Indiana Department of Natural Resources (IDNR) Oil and Gas Division will occur.

HAZARDOUS MATERIAL CONCERNS TABLE AND SUMMARY

Hazardous Material Concerns			
Indicate the number of items of concern found within the 0.5 mile search radius. If there are no items, please indicate N/A:			
Superfund	N/A	Manufactured Gas Plant Sites	N/A
RCRA Generator/ TSD	4	Open Dump Waste Sites	N/A
RCRA Corrective Action Sites	N/A	Restricted Waste Sites	N/A
State Cleanup Sites	4	Waste Transfer Stations	N/A
Septage Waste Sites	N/A	Tire Waste Sites	N/A
Underground Storage Tank (UST) Sites	21	Confined Feeding Operations (CFO)	1
Voluntary Remediation Program	1	Brownfields	3
Construction Demolition Waste	N/A	Institutional Controls	10
Solid Waste Landfill	N/A	NPDES Facilities	4
Infectious/Medical Waste Sites	N/A	NPDES Pipe Locations	N/A
Leaking Underground Storage Tank (LUST) Sites	16	Notice of Contamination Sites	N/A

Unless otherwise noted, site specific details presented in this section were obtained from documents reviewed on the Indiana Department of Environmental Management (IDEM) Virtual File Cabinet (VFC). Please note that hazardous material descriptions below progress beginning with the western limits of the project area for Des No. 1800255 and ending at the eastern limits of the project area for Des No. 180256.

Resource Conservation and Recovery Act (RCRA) Generator/ Treatment, Storage, Disposal (TSD): Four (4) RCRA generators are located within the 0.5 mile search radius. Two (2) RCRA generator sites are located in the vicinity of the project area. A discussion for each of the two (2) RCRA generator sites is provided below.

Printpack Incorporated, 1505 West Main Street (AI ID 15005), is located adjacent to the south of the central portion of the project area for Des No. 1800255. According to the February 24, 2014 Hazardous Waste Generator Form, this site no longer generates hazardous materials; however, documentation reviewed indicates that a release occurred. Refer to LUST section for more details. No impact is expected.

Delta Faucet Company, 1425 West Main Street (AI ID 15043), is located adjacent to the south of the central portion of the project area for Des No. 1800255. This facility is a Large Quantity Generator of hazardous wastes, including corrosive liquids. IDEM conducted a facility inspection on November 6, 2017, and no violations were found. No impact is expected.

State Cleanup Sites: Four (4) State Cleanup Sites are located within the 0.5 mile search radius. One (1) State Cleanup site is located in the vicinity of the project area. McClintic Oil Site (Arthur & Delbert McClintic), 905 East Main Street (AI ID 4861), is located adjacent to the south of the eastern portion of the project area for Des No. 1800256. This site was formerly the location of a gas station and automotive shop. Several underground storage tanks (USTs) were removed from the site, with remediation activities following the removal work. All confirmation samples collected after remediation work demonstrated that all contaminated soil had been removed. IDEM issued a No Further Action (NFA) on November 3, 2000. No impact is expected.

Underground Storage Tank (UST) Sites: Twenty-two (22) UST sites, one (1) unmapped and twenty-one (21) mapped, are located within the 0.5 mile search radius. Seven (7) sites are located in the vicinity of the project area. A discussion for each of the seven (7) sites is provided below.

Green Barn USA, SR 46 and Sunset Drive (AI ID 4640), is located adjacent to the north of the central portion of the project area for Des No. 1800255. According to the October 17, 1991 Notification of Underground Storage Tanks, one (1) 3,000-gallon UST of unknown age was taken out of service in October 1991. No other information regarding the current status of the tank was found in the IDEM VFC. In addition to petroleum contamination, it is likely that lead would be in the soil/groundwater. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Before proper removal and disposal of soil and/or groundwater, analysis for lead will be necessary.

Kiel Brothers Oil Bulk Plant, 1010 West Main Street (AI ID 3415), is mapped adjacent to the south of the central portion of the project area for Des No. 1800255. No information was found in the IDEM VFC for this UST site. The current status of the UST is unknown; therefore, in addition to petroleum contamination, it is likely that lead would be in the soil/groundwater. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Before proper removal and disposal of soil and/or groundwater, analysis for lead will be necessary.

Muncie Bread Company (Caldron Brothers Vending Incorporated) 117 South Anderson Street (AI ID 2828), is located approximately 0.02 miles south of the eastern portion of the project area for Des No. 1800255. According to the September 4, 1990 Notification of Underground Storage Tanks, one (1) 550-gallon UST was taken out of service in August 1990. The tank was removed from the ground; however, it does not appear as though confirmatory soil or groundwater samples were taken during UST removal. In addition to petroleum contamination, it is likely that lead would be in the soil/groundwater. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Before proper removal and disposal of soil and/or groundwater, analysis for lead will be necessary.

Scripture (Garry Hadler) Chrysler Plymouth Dodge (CPD) Incorporated (also listed as Water Tower Center), 325 West Main Street (AI ID 1768), is located adjacent to the southeast of the eastern project area terminus for Des No. 1800255. The UST was emptied and has not been in use since 1983. In addition to petroleum contamination, it is likely that lead would be in the soil/groundwater. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Before proper removal and disposal of soil and/or groundwater, analysis for lead will be necessary.

Bigfoot No. 64, 101 North Lincoln Street (AI ID 2375), is located adjacent to the north of the western project area terminus for Des No. 1800256. IDEM conducted a UST inspection on April 24, 2018, and the facility was found to be out of compliance with equipment, operating, and maintenance requirements set forth in Indiana's UST Rule 329 IAC 9; however, documentation reviewed does not indicate that a release occurred. No impact is expected.

McClintic Oil Site (Arthur & Delbert McClintic), 905 East Main Street (AI ID 4861), is located adjacent to the south of the eastern portion of the project area for Des No. 1800256. This site was formerly the location of a gas station and automotive shop. Several USTs were removed from the site, with remediation activities following the removal work. Refer to the State Cleanup section for more details. No impact is expected.

Highway Department, 781 East Base Road (AI ID 2272), is located adjacent to the northeast of the eastern project area terminus for Des No. 1800256. All USTs were excavated along with 8 to 10 yards of soil. Confirmatory soil samples, collected before the excavation pits were backfilled, indicated no contamination was present within the excavation pits. No impact is expected.

Voluntary Remediation Program (VRP): One (1) VRP site is located within the 0.5 mile search radius. Advanced Bearing Materials LLC (KS Bearings), 1515 West Main Street (AI ID 15726), is located adjacent to the south of the western portion of the project area for Des No. 1800255. Remediation and monitoring activities are ongoing for this site. Documentation indicated that a large chlorinated volatile organic compound (CVOC) plume is present under portions of the site. A Phase II Environmental Site Assessment is recommended. Prior to any investigation activities, a scope of work plan will be prepared and submitted to INDOT SAM for review and approval.

Leaking Underground Storage (LUST) Sites: Sixteen (16) LUST sites are located within the 0.5 mile search radius. Six (6) LUST sites are located in the vicinity of the project area. A discussion for each of the six (6) LUST sites is provided below.

Printpack Incorporated, 1505 West Main Street (AI ID 15005), is located adjacent to the south of the western portion of the project area for Des No. 1800255. IDEM issued an NFA for the site on April 21, 1999. No impact is expected.

Former Bruni Corporation, 1100 West Main Street (AI ID 2010), is located adjacent to the north of the central portion of the project area for Des No. 1800255. IDEM issued an NFA for the site on October 26, 2007. No impact is expected.

Premier Ag Co-op Incorporated, 766 West Main Street (AI ID 14824), is located adjacent to the north of the eastern portion of the project area for Des No. 1800255. During remediation activities, all contaminated soil was removed from the site and placed in a treatment cell. Confirmatory sampling showed that all soil samples were below detection levels. IDEM issued an NFA Determination Pursuant to 1994 UST Branch for the site on August 9, 2006. No impact is expected.

Former Kocolene Service Station, 601 West Main Street (AI ID 2326), is located adjacent to the south of the eastern portion of the project area for Des No. 1800255. This was formally the site of a gas station. IDEM issued an NFA Determination Pursuant to RISC for the site on June 29, 2017. Low levels of soil and groundwater contamination remain on site. An ERC was recorded on the property by Decatur County on September 29, 2016. Refer to the Institutional Controls section for more details. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Proper handling, removal, and disposal of soil and/or groundwater may be necessary. Coordination will be conducted with the IDEM Project Manager, Jeff Turley at jturley@idem.in.gov, identified in the VFC documentation before further site activities occur.

Speedway, 402 West Main Street (AI ID No. 15311), is located adjacent to the north of the eastern portion of the project area for Des No. 1800255. This is currently the site of a gas station. IDEM issued an NFA for the site on October 10, 2002. Low levels of contamination remain on site near the former tank area and does not appear to migrate south towards the project area. On April 26, 2014, a gasoline surface spill occurred. IDEM issued a Spill Recovery Response and NFA Approval for the site on July 23, 2014. No impact is expected.

Ketchum's Shell, 106 South Michigan Avenue (AI ID 2294), is located adjacent to the southwest of the project area for Des No. 1800256. This is the site of an operating gas station. IDEM issued an NFA Determination Pursuant to RISC for the site on December 17, 2012. Low levels of soil and groundwater contamination remain on the site. An ERC was recorded on the property by Decatur County on September 4, 2012. Refer to the institutional controls section for more details. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Proper handling, removal, and disposal of soil and/or groundwater may be necessary. Coordination will be conducted with the IDEM Project Manager, Kay Ifekoya (kifekoya@idem.in.gov), identified in the VFC documentation before further site activities occur.

Confined Feeding Operations (CFO): One (1) CFO is located within the 0.5 mile search radius. Fred Sterchi Farm is mapped approximately 0.38 mile west-southwest of the project area for Des No. 1800255. IDEM conducted an inspection of the facility on November 21, 2018, and no violations were discovered with respect to the particular items observed during the inspection. No impact is expected.

Brownfields: Three (3) brownfields sites are located within the 0.5 mile search radius. One (1) brownfields site is located in the vicinity of the project area. Former Senior Center, 225 East Main Street (AI ID 6937), is located adjacent to the southwest of the western project area terminus for Des No. 1800256. According to the Site Status Letter issued by IDEM on January 23, 2008, sample results prior to remediation indicated soil and groundwater were impacted by total petroleum hydrocarbons (TPH)-gasoline range organics (GRO)/extended range organics (ERO), VOCs, semivolatile (S)VOCs, arsenic and lead. Current levels of contamination at the site meet current cleanup criteria; however, contamination is present off-site and potentially within the INDOT ROW. If excavation occurs in this area, it is likely that

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contamination will be encountered. Proper handling, removal, and disposal of soil and/or groundwater may be necessary. Before proper removal and disposal of soil and/or groundwater, analysis for lead will be necessary.

Institutional Controls: Ten (10) Institutional Control sites are located within the 0.5 mile search radius. Nine (9) Institutional Control sites are located in the vicinity of the project area; however, eight (8) of the nine (9) Institutional Control sites are associated with one (1) site (Former Kocolene Service Station). A discussion for the two (2) Institutional Control sites is provided below.

Former Kocolene Service Station, 601 West Main Street (AI ID 2326), is located adjacent to the south of the eastern portion of the project area for Des No. 1800255. This was formally the site of a gas station. An ERC was recorded on the property by Decatur County on September 29, 2016. The ERC specifically prohibits the use or extraction of groundwater, and limits excavation activities. Coordination will be conducted with the IDEM Project Manager, Jeff Turley at jturley@idem.in.gov, identified in the VFC documentation before further site activities occur.

Ketchum's Shell, 106 South Michigan Avenue (AI ID 2294), is located adjacent to the southwest of the project area for Des No. 1800256. This is the site of an operating gas station. Refer to the LUST section for more details. An ERC was recorded on the property by Decatur County on September 4, 2012. The ERC specifically prohibits the use or extraction of groundwater at the site. Coordination will be conducted with the IDEM Project Manager, Kay Ifekoya (kifekoya@idem.in.gov), identified in the VFC documentation before further site activities occur.

National Pollutant Discharge Elimination System (NPDES) Facilities: Four (4) NPDES Facilities are located within the 0.5 mile search radius. Two (2) NPDES Facilities are located in the vicinity of the project area. A discussion for the two (2) NPDES Facilities is provided below.

Delta Faucet Company, 1425 West Main Street (AI ID 15043), is located adjacent to the south of the central portion of the project area for Des No. 1800255. Coordination with IDEM will occur.

Irvington Materials Incorporated, 1100 West Main Street (AI ID 15586), is located adjacent to the north of the central portion of the project area for Des No. 1800255. Coordination with IDEM will occur.

ECOLOGICAL INFORMATION SUMMARY

The Decatur County listing of the Indiana Natural Heritage Data Center information on endangered, threatened, or rare (ETR) species and high quality natural communities can be found at the following link: https://www.in.gov/dnr/naturepreserve/files/np_decatour.pdf. A preliminary review of the Indiana Natural Heritage Database by INDOT ESD did not indicate the presence of ETR species within the 0.5 mile search radius. Coordination with United States Fish and Wildlife Service (USFWS) and IDNR will occur.

A review of the USFWS database did not indicate the presence of endangered bat species in or within 0.5 mile of the project area. The range-wide programmatic consultation for the Indiana Bat and Northern Long-eared Bat will be completed according to the most recent "Using the USFWS's Information for Planning and Consultation (IPaC) System for Listed Bat Consultation for INDOT Projects".

RECOMMENDATIONS SECTION

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

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INFRASTRUCTURE:

Airports: One (1) public airport, Greensburg Municipal Airport, is located approximately 0.14 mile southwest of the western project area terminus for Des No. 1800255; therefore, early coordination with INDOT Aviation will occur.

Recreational Facilities: Three (3) recreational facilities, Oddfellows/Rebekah Park, Greensburg City Park, and Greensburg Country Club, are located adjacent to the project areas for Des Nos. 1800255 and 1800256. Oddfellows/Rebekah Park is located adjacent to the eastern project area terminus for Des No. 1800256. Greensburg City Park and Greensburg Country Club are located adjacent to the south of the western portion of the project area for Des No. 1800255. Coordination the Decatur County Parks and Recreation Department and Greensburg Country Club will occur.

Pipelines: Two (2) pipeline segments, associated with Indiana Gas Company, are located adjacent to the south of the project area for Des No. 1800255, and one (1) pipeline segment, associated with Indiana Gas Company, intersects the central portion of the project area for Des No. 1800255. Coordination with INDOT Utilities and Railroads will occur.

Railroads: Four (4) railroad segments, associated with CIND railroad, are located adjacent to the project area for Des No. 1800255, and one (1) railroad segment, associated with CIND railroad, intersects the eastern portion of the project area for Des No. 1800255. Coordination with INDOT Utilities and Railroads will occur.

Trails: One (1) planned trail segment, Greensburg Bicycle/ Pedestrian Path, is located adjacent to the south of the project area for Des No. 1800255. Coordination with the City of Greensburg will occur.

Managed Lands: One (1) Managed Land, Greensburg City Park, is located adjacent to the south of the western project area terminus for Des No. 1800255. Coordination with the Decatur County Parks & Recreation Department will occur.

WATER RESOURCES: The presence of the following water resources will require the preparation of a Waters of the US Report and coordination with INDOT ES Ecology and Waterway Permitting:

- Two (2) NWI-Line segments are located within the project areas for Des Nos. 1800255 and 1800256. One (1) NWI-Line segment intersects the western portion of the project area for Des No. 1800255, and one (1) NWI-Line segment intersects the western portion of the project area for Des No. 1800256.
- Three (3) stream segments are located within the project areas for Des Nos. 1800255 and 1800256. Two (2) stream segments are located within the western portion of the project area for Des No. 1800255. One (1) stream segment intersects the eastern portion of the project area for Des No. 1800256.
- One (1) NWI-Wetland polygon is located 0.06 mile south of the western portion of the project area for Des No. 1800255.
- One (1) lake, Greensburg City Park Lake is located adjacent to the western portion of the project area for Des No. 1800255.
- Five (5) Floodplain-DFIRM Polygons are located within the project area for Des No. 1800255. Four (4) Floodplain-DFIRM polygons are located within the project area for Des No. 1800256, and one (1) Floodplain-DFIRM polygon is located adjacent to the south of the western portion of the project area for Des No. 1800256. (coordination only)

MINING/MINERAL EXPLORATION:

Petroleum Wells: Four (4) petroleum wells are located adjacent to the project area for Des No. 1800255. One (1) petroleum well is located adjacent to the north of the western portion of the project area, two (2) petroleum wells are

located adjacent to the south of the central portion of the project area, and one (1) petroleum well is located adjacent to the south of the eastern portion of the project area. Coordination with IDNR Oil and Gas Division will occur.

HAZARDOUS MATERIAL CONCERNS:

UST Sites:

Green Barn USA, SR 46 and Sunset Drive (AI ID 4640), is located adjacent to the north of the central portion of the project area for Des No. 1800255. According to the October 17, 1991 Notification of Underground Storage Tanks, one (1) 3,000-gallon UST of unknown age was taken out of service in October 1991. No other information regarding the current status of the tank was found in the IDEM VFC. In addition to petroleum contamination, it is likely that lead would be in the soil/groundwater. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Before proper removal and disposal of soil and/or groundwater, analysis for lead will be necessary.

Kiel Brothers Oil Bulk Plant, 1010 West Main Street (AI ID 3415), is mapped adjacent to the south of the central portion of the project area for Des No. 1800255. No information was found in the IDEM VFC for this UST site. The current status of the UST is unknown; therefore, in addition to petroleum contamination, it is likely that lead would be in the soil/groundwater. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Before proper removal and disposal of soil and/or groundwater, analysis for lead will be necessary.

Muncie Bread Company (Caldron Brothers Vending Incorporated) 117 South Anderson Street (AI ID 2828), is located approximately 0.02 miles south of the eastern portion of the project area for Des No. 1800255. According to the September 4, 1990 Notification of Underground Storage Tanks, one (1) 550-gallon UST was taken out of service in August 1990. The tank was removed from the ground; however, it does not appear as though confirmatory soil or groundwater samples were taken during UST removal. In addition to petroleum contamination, it is likely that lead would be in the soil/groundwater. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Before proper removal and disposal of soil and/or groundwater, analysis for lead will be necessary.

Scripture (Garry Hadler) CPD Incorporated (also listed as Water Tower Center), 325 West Main Street (AI ID 1768), is located adjacent to the southeast of the eastern project area terminus for Des No. 1800255. The UST was emptied and has not been in use since 1983. In addition to petroleum contamination, it is likely that lead would be in the soil/groundwater. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Before proper removal and disposal of soil and/or groundwater, analysis for lead will be necessary.

UST/LUST/Intuition Control Sites:

Ketchum's Shell, 106 South Michigan Avenue (AI ID 2294), is located adjacent to the southwest of the project area for Des No. 1800256. This is the site of an operating gas station. IDEM issued an NFA Determination Pursuant to RISC for the site on December 17, 2012. Low levels of soil and groundwater contamination remain on the site. An ERC was recorded on the property by Decatur County on September 4, 2012. The ERC specifically prohibits the use or extraction of groundwater at the site. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Proper handling, removal, and disposal of soil and/or groundwater may be necessary. Coordination will be conducted with the IDEM Project Manager, Kay Ifekoya (kifekoya@idem.in.gov), identified in the VFC documentation before further site activities occur.

VRP:

Advanced Bearing Materials LLC (KS Bearings), 1515 West Main Street (AI ID 15726), is located adjacent to the south of the western portion of the project area for Des No. 1800255. Remediation and monitoring activities are ongoing for this site. Documentation indicated that a large CVOC plume is present under portions of the site. A Phase II Environmental Site Assessment is recommended. Prior to any investigation activities, a scope of work plan will be prepared and submitted to INDOT SAM for review and approval.

LUST/Institutional Controls:

Former Kocolene Service Station, 601 West Main Street (AI ID 2326), is located adjacent to the south of the eastern portion of the project area for Des No. 1800255. This was formally the site of a gas station. IDEM issued an NFA Determination Pursuant to RISC for the site on June 29, 2017. Low levels of soil and groundwater contamination remain on site. An ERC was recorded on the property by Decatur County on September 29, 2016. The ERC specifically prohibits the use or extraction of groundwater, and limits excavation activities. If excavation occurs in this area, it is likely that petroleum contamination will be encountered. Proper handling, removal, and disposal of soil and/or groundwater may be necessary. Coordination will be conducted with the IDEM Project Manager, Jeff Turley at jturley@idem.in.gov, identified in the VFC documentation before further site activities occur.

Brownfields:

Former Senior Center, 225 East Main Street (AI ID 6937), is located adjacent to the southwest of the western project area terminus for Des No. 1800256. According to the Site Status Letter issued by IDEM on January 23, 2008, sample results prior to remediation indicated soil and groundwater were impacted by TPH-GRO/ERO, VOCs, SVOCs, arsenic and lead. Current levels of contamination at the site meet current cleanup criteria; however, contamination is present off-site and potentially within the INDOT ROW. If excavation occurs in this area, it is likely that contamination will be encountered. Proper handling, removal, and disposal of soil and/or groundwater may be necessary. Before proper removal and disposal of soil and/or groundwater, analysis for lead will be necessary.

NPDES Facilities:

Delta Faucet Company, 1425 West Main Street (AI ID 15043), is located adjacent to the south of the central portion of the project area for Des No. 1800255. Coordination with IDEM will occur.

Irvington Materials Incorporated, 1100 West Main Street (AI ID 15586), is located adjacent to the north of the central portion of the project area for Des No. 1800255. Coordination with IDEM will occur.

ECOLOGICAL INFORMATION:

Coordination with USFWS and IDNR will occur. The range-wide programmatic consultation for the Indiana Bat and Northern Long-eared Bat will be completed according to the most recent "Using the USFWS's Information for Planning and Consultation (IPaC) System for Listed Bat Consultation for INDOT Projects".

INDOT ESD concurrence: Nicole Fohey Breting Digitally signed by Nicole Fohey-Breting Date: 2021.03.26 12:27:21 -04'00' (Signature)

Prepared by:


Cameron Fraser
NEPA Specialist
RQAW Corporation

Graphics:

A map for each report section with a 0.5 mile search radius buffer around all project area(s) showing all items identified as possible items of concern is attached. If there is not a section map included, please change the YES to N/A:

SITE LOCATION: YES

INFRASTRUCTURE: YES

WATER RESOURCES: YES

MINING/MINERAL EXPLORATION: YES

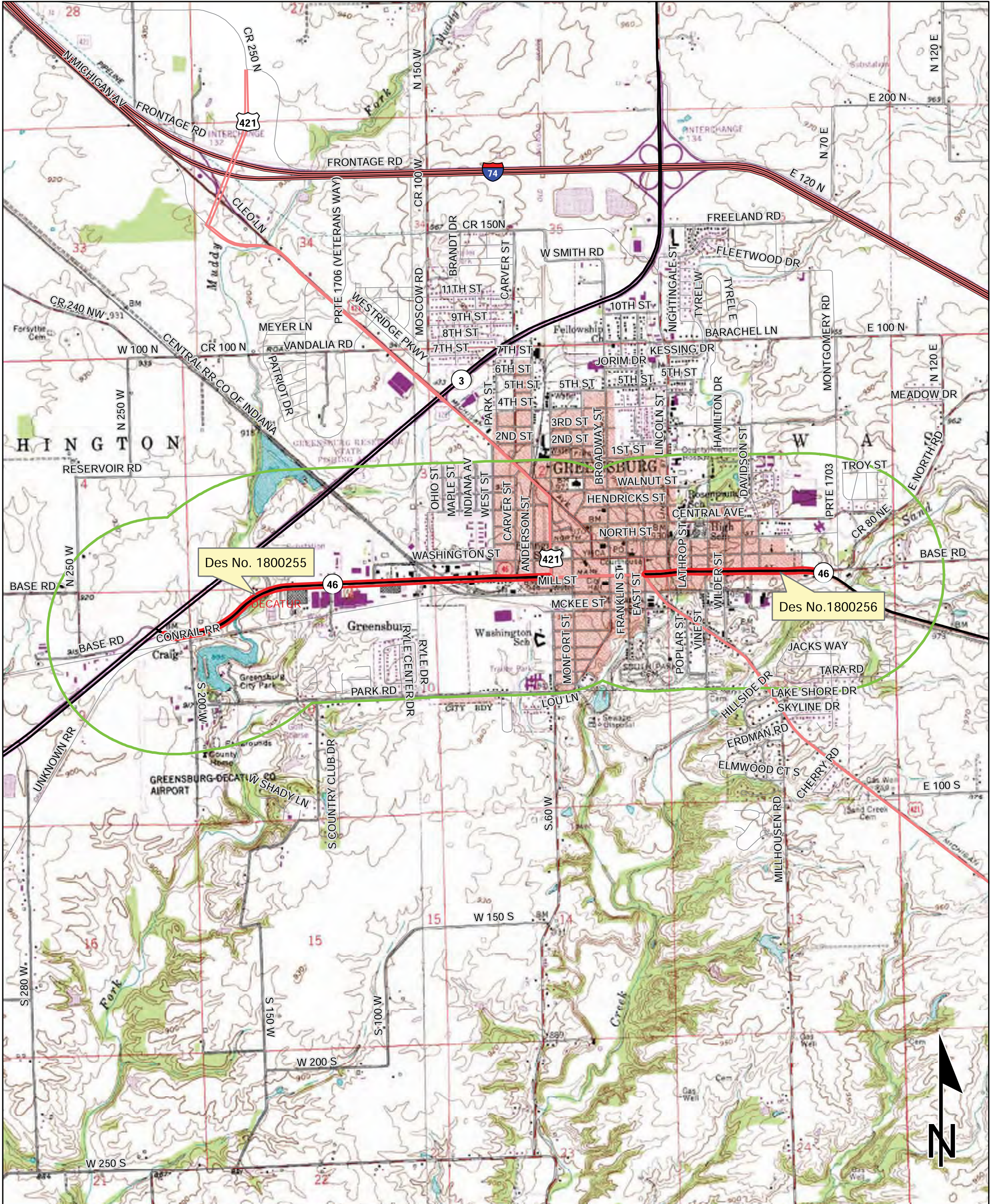
HAZARDOUS MATERIAL CONCERNS: YES

Red Flag Investigation - Site Location

SR 46 Pavement Improvement Projects

Des. Nos. 1800255 & 1800256, Road Project

Decatur County, Indiana



Sources: 0.55 0.275 0 0.55 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.

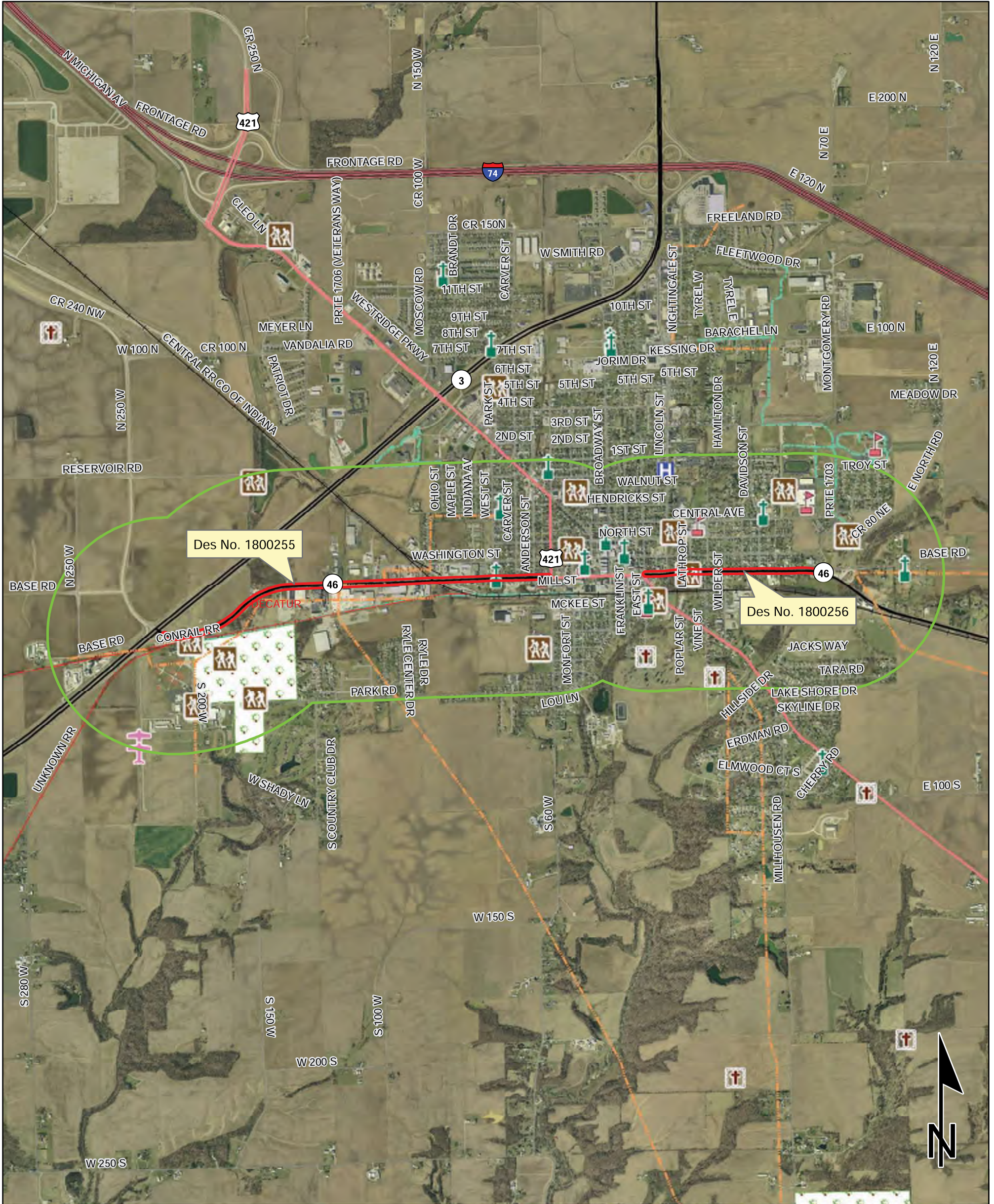
FOREST HILL & GREENSBURG
QUADRANGLES
INDIANA
7.5 MINUTE SERIES

Red Flag Investigation - Infrastructure

SR 46 Pavement Improvement Projects

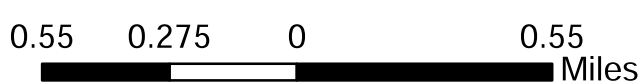
Des. Nos. 1800255 & 1800256, Road Project

Decatur County, Indiana



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

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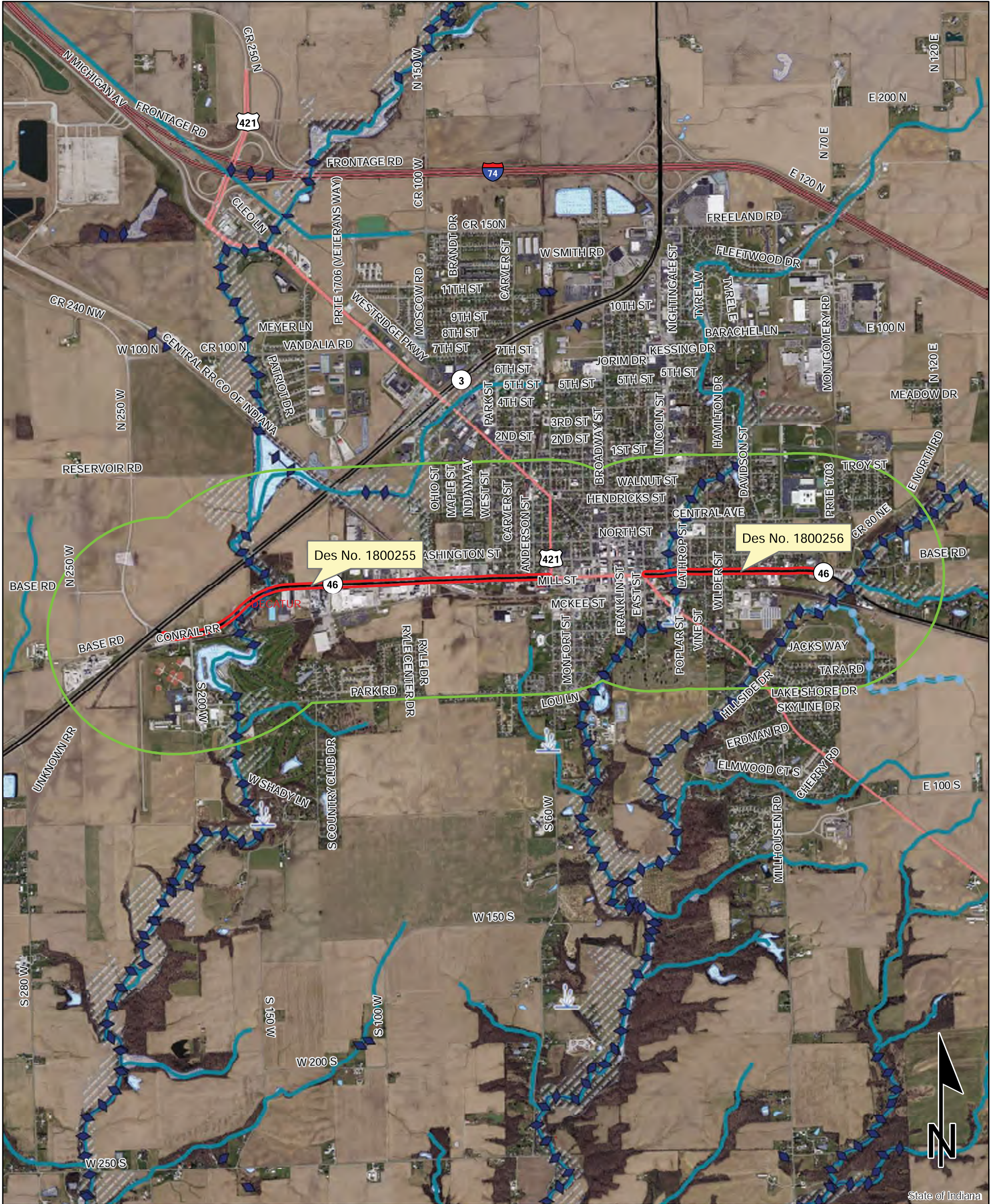
	Religious Facility		Recreation Facility		Project Area
	Airport		Pipeline		Half Mile Radius
	Cemeteries		Railroad		Toll
	Hospital		Trails		Interstate
	School		Managed Lands		State Route
			County Boundary		US Route
					Local Road

Red Flag Investigation - Water Resources

SR 46 Pavement Improvement Projects

Des. Nos. 1800255 & 1800256, Road Project

Decatur County, Indiana

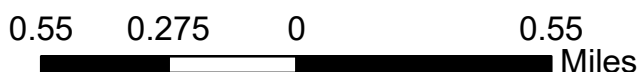
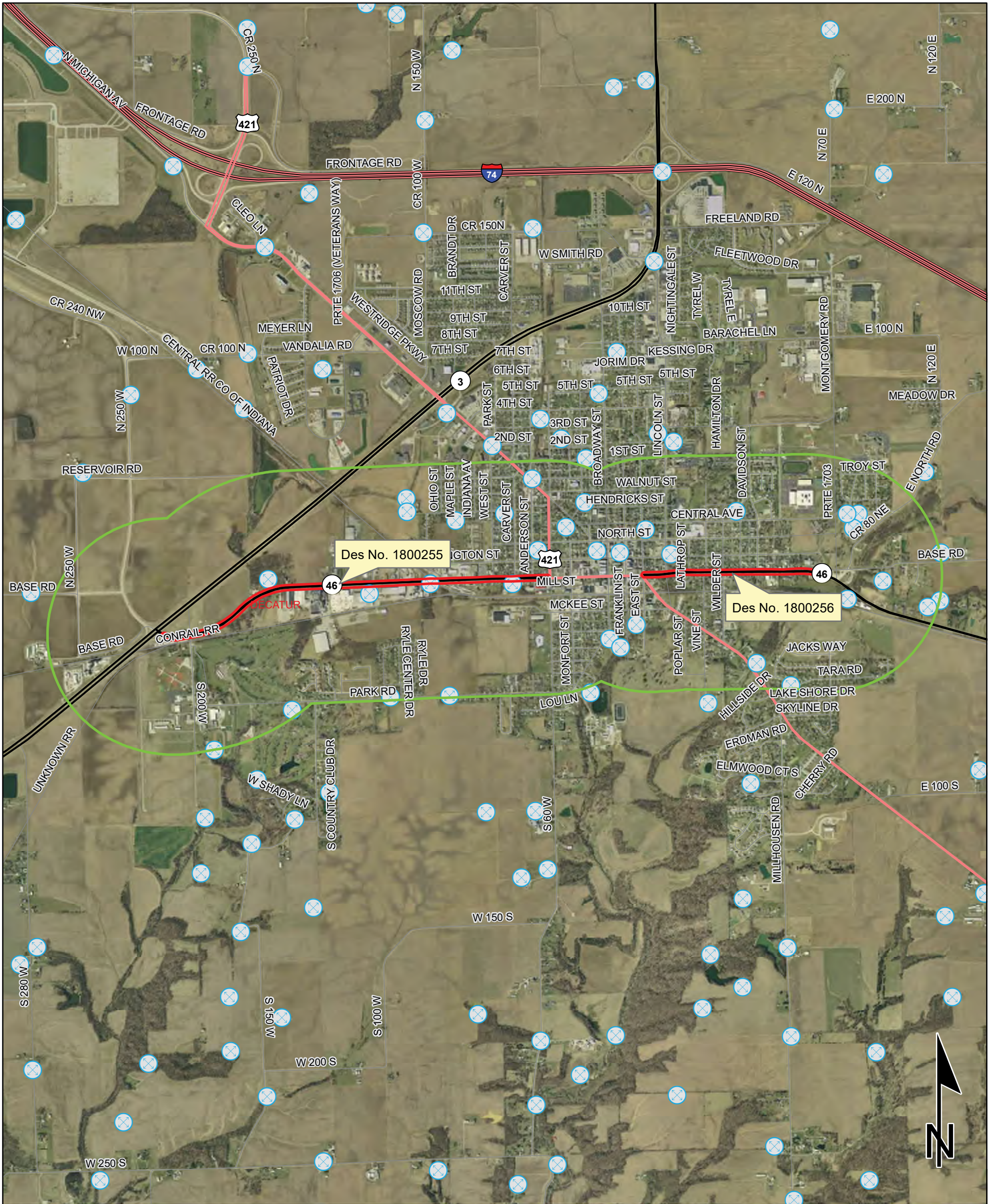


Sources:
Non Orthophotography Data - Obtained from the State of Indiana Geographical Information Office Library
Orthophotography - Obtained from Indiana Map Framework Data (www.indianamap.org)
Map Projection: UTM Zone 16 N **Map Datum:** NAD83

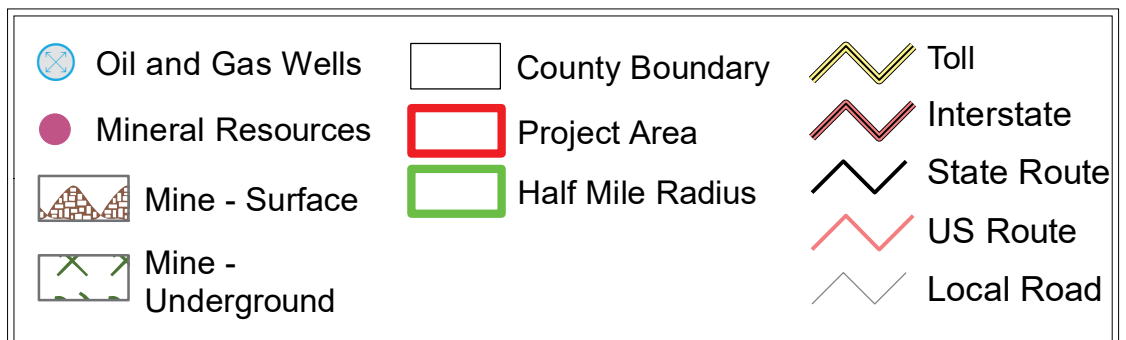
This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.

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

Red Flag Investigation - Mining and Mineral Exploration SR 46 Pavement Improvement Projects Des. Nos. 1800255 & 1800256, Road Project Decatur County, Indiana



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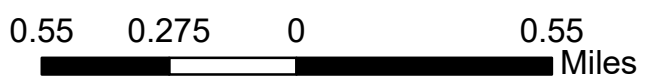
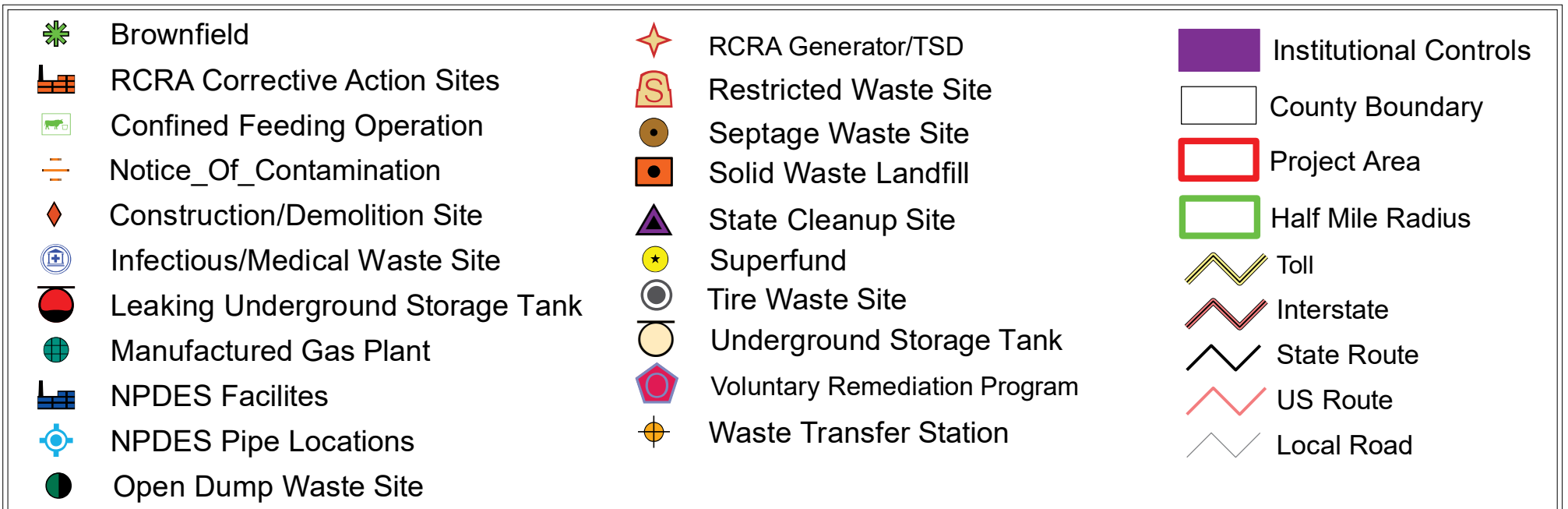
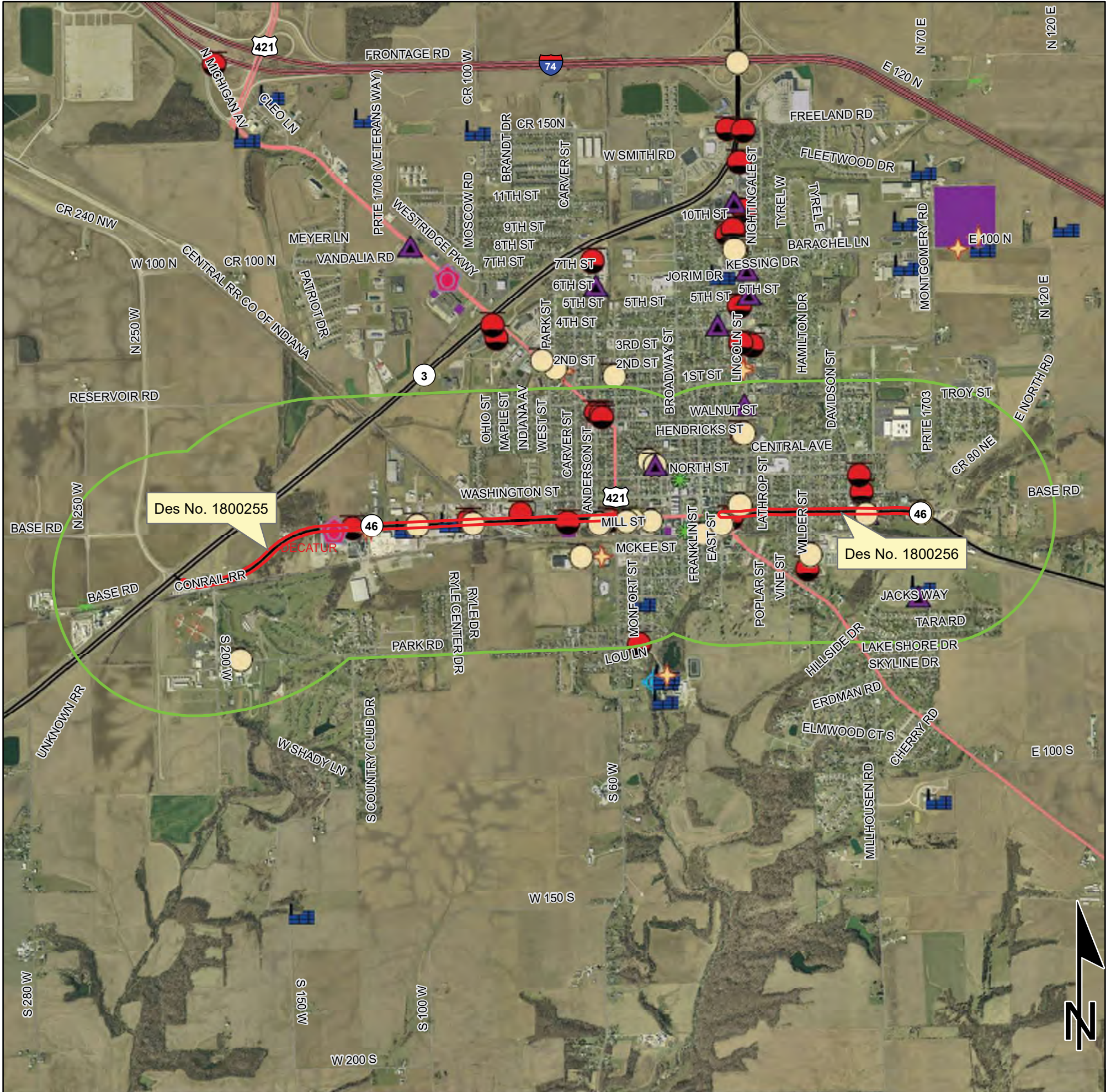


Red Flag Investigation - Hazardous Material Concerns

SR 46 Pavement Improvement Projects

Des. Nos. 1800255 & 1800256, Road Project

Decatur County, Indiana



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



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N758-ES
Indianapolis, Indiana 46204

PHONE: (317) 694-8283

Eric Holcomb, Governor
Joe McGuinness, Commissioner

Date: September 9, 2021

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

From: Cameron Fraser
RQAW Corporation
8770 North Street, Suite 110
Fishers, IN 46038
cfraser@rqaw.com

Re: RED FLAG INVESTIGATION ADDENDUM
Des. Numbers 1800255 & 1800256, State Project
Pavement Improvement Projects
State Route (SR) 46, City of Greensburg
Decatur County, Indiana

A review of the original RFI signed on March 26, 2021, for the above DES # indicated that substantive changes have occurred within the 0.5 mile radius and project area limits that will have an impact to the project. The following items should be considered as part of the RFI for the project.

Changes in Project Area and Scope of Work: The project limits of Des No. 1800255 have extended east approximately 0.05 mile to include the reconstruction of the intersection at the west junction of SR 46 and US 421 (locally known as Main Street and Ireland Street). The project will now total approximately 1.85 miles in length. In addition to the pavement reconstruction, the added work at this intersection includes new storm sewer and inlets, improved turning radii of the northeast quadrant (moving the new curb to roughly the back of the existing sidewalk), adjusting the signal pole locations, and replacing curb ramps to meet current ADA standards. Furthermore, the project (Des. No. 1800255) now also includes replacing the water main, replacing the sanitary sewer, and installing lighting between the CIND railroad crossing and Ireland Street (US 421) where the roadway reconstruction is occurring (i.e. the lighting and water main replacement will not occur in the overlay portion of this project west of the CIND railroad crossing).

For Des. No. 1800256, the project now includes replacing the water main and installing lighting along the entire length of the project area (from the east junction with US 421 to Base Road).

The depth of excavation for the extended portion of the project area and additional scope of work will not exceed 10 feet below ground surface (bgs).

The following features and/or items were not detailed in the original RFI document dated March 26, 2021 but have since been identified as having an impact on the project area and requiring additional coordination:

Hazardous Material Concerns- One (1) additional Hazardous Materials site was identified for the extended project area. UST Site: Paul S Walston - 302 West Main Street (AI ID 3590), is located approximately 0.02 mile north east to the eastern project area terminus for Des No. 1800255. The UST site was a filling station dating back to 1935. The USTs have not been in use since 1971 and were abandoned in place (Filled with inert material). In addition to petroleum contamination, it is likely that lead would be in the soil/groundwater. If excavation occurs in this area, it is possible that petroleum contamination will be encountered. Before proper removal and disposal of soil and/or groundwater, analysis for lead will be necessary.

INDOT Environmental Services concurrence:

**Nicole Fohey-
Breting**

Digitally signed by
Nicole Fohey-Breting
Date: 2021.09.10
13:49:57 -04'00'

Prepared by:



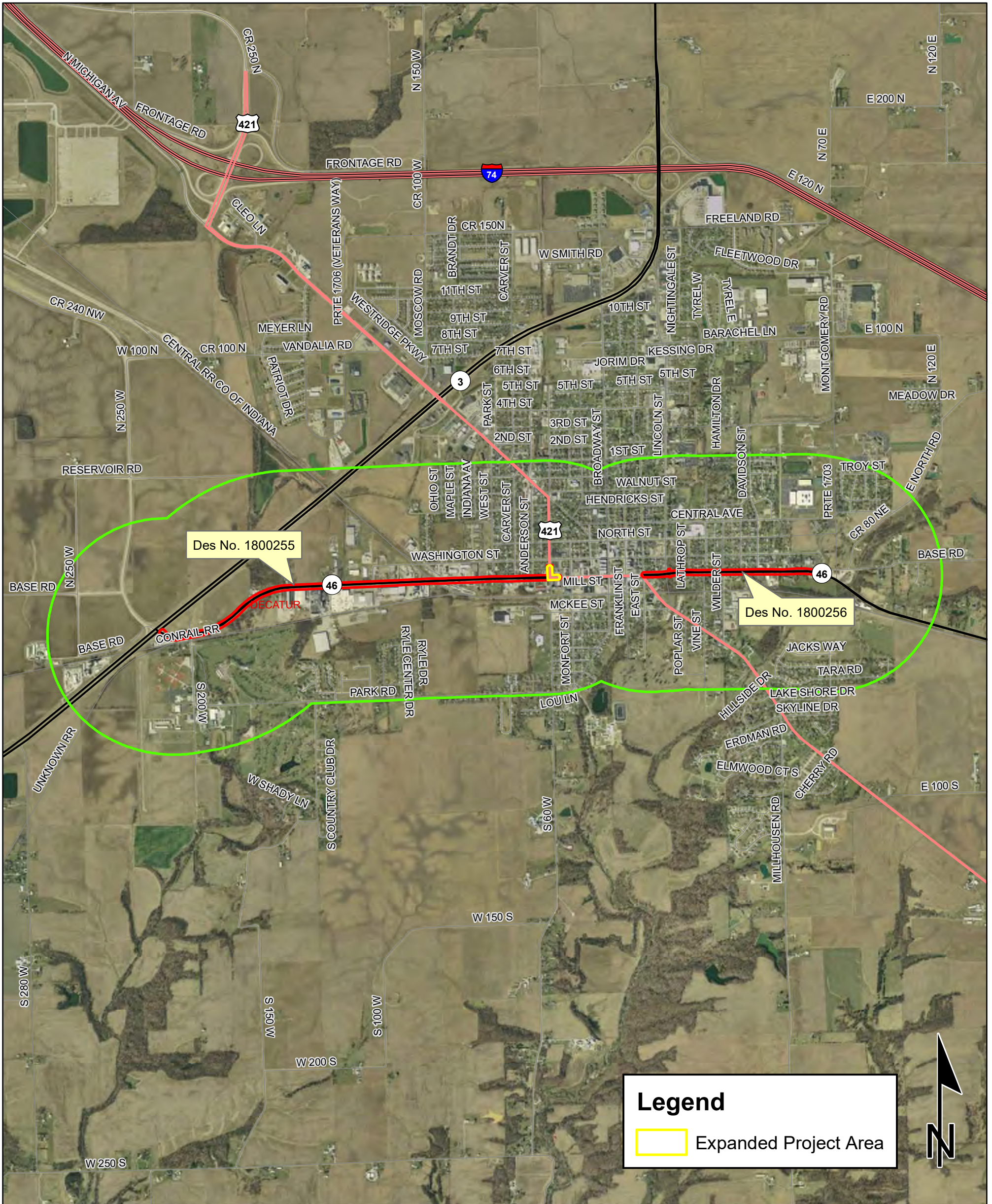
Cameron Fraser
NEPA Specialist
RQAW Corporation

Red Flag Investigation Addendum - Expanded Project Area

SR 46 Pavement Improvement Project

Des. Nos. 1800255 & 1800256, Road Project

Decatur County, Indiana



Sources:
Non Orthophotography Data - Obtained from the State of Indiana Geographical Information Office Library
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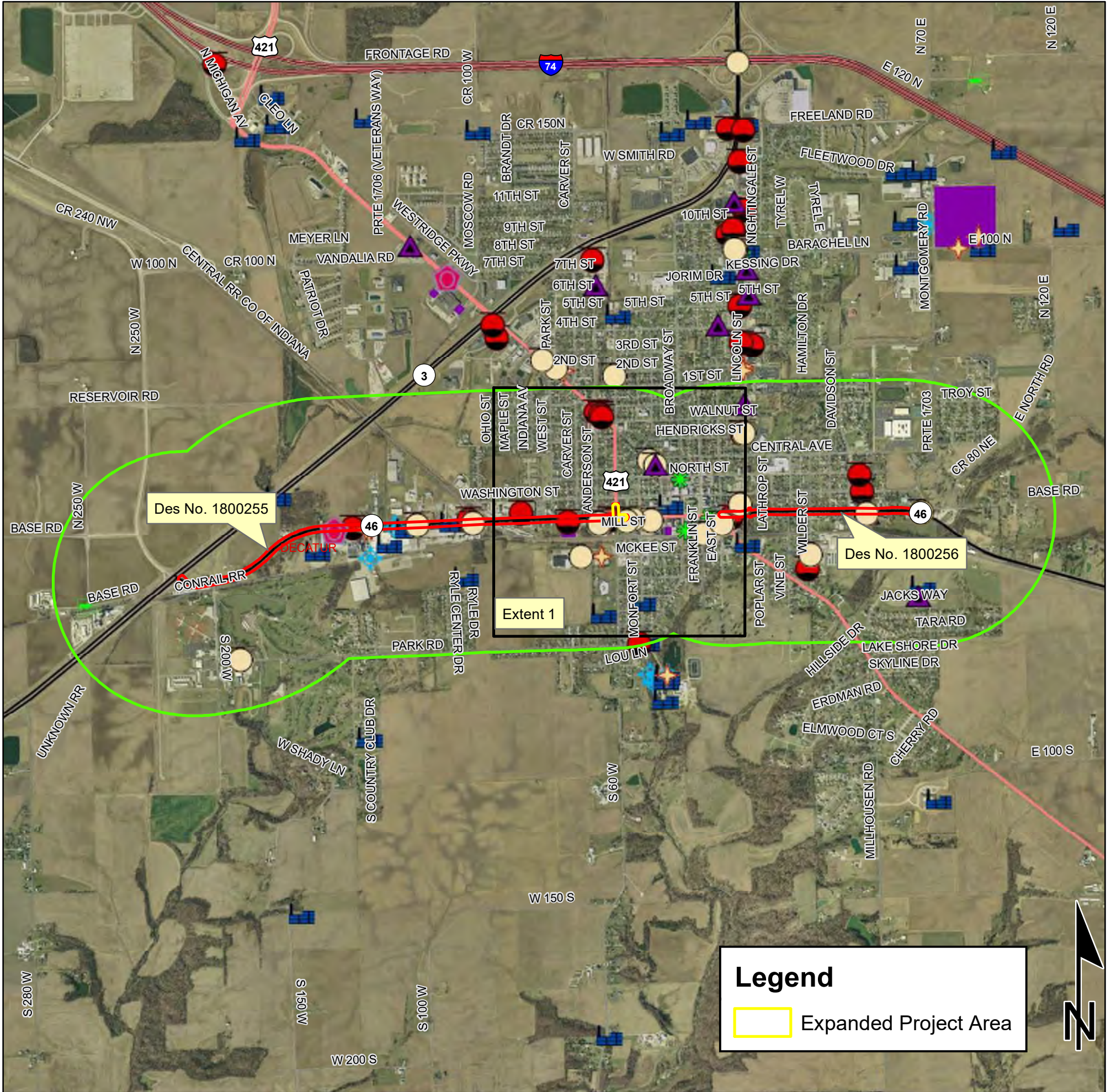
	Religious Facility		Recreation Facility		Project Area
	Airport		Pipeline		Half Mile Radius
	Cemeteries		Railroad		Toll
	Hospital		Trails		Interstate
	School		Managed Lands		State Route
			County Boundary		US Route
					Local Road

Red Flag Investigation Addendum- Hazardous Material Concerns

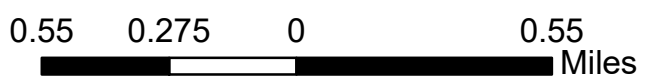
SR 46 Pavement Improvement Project

Des. Nos. 1800255 & 1800256, Road Project

Decatur County, Indiana



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



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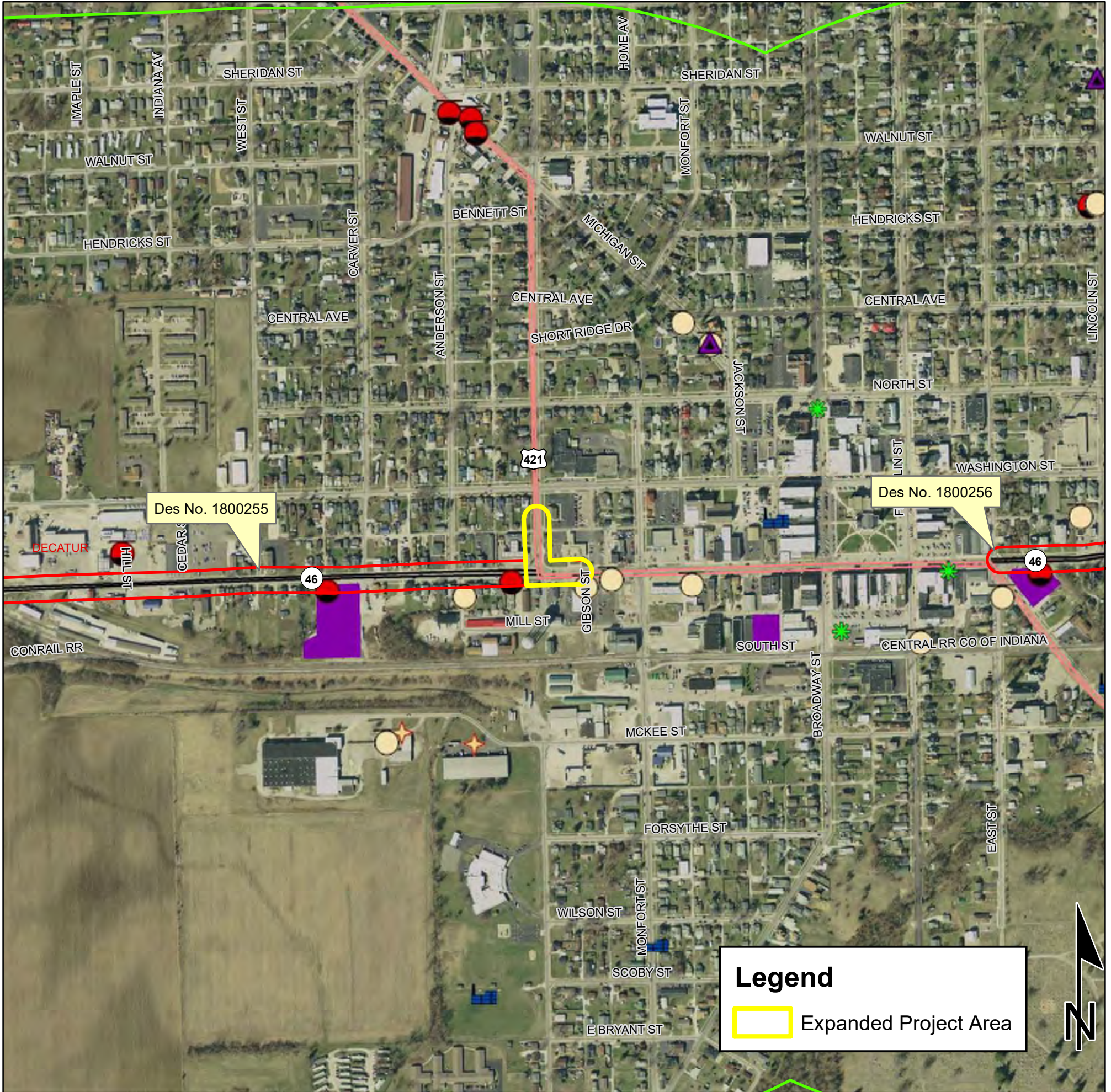
Sources:
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Orthophotography - Obtained from Indiana Map Framework Data (www.indianamap.org)
Map Projection: UTM Zone 16 N **Map Datum:** NAD83
 E21 of 24

Red Flag Investigation Addendum - Hazardous Material Concerns - Extent 1

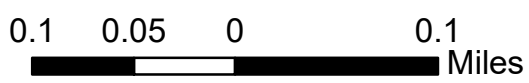
SR 46 Pavement Improvement Project

Des. Nos. 1800255 & 1800256, Road Project

Decatur County, Indiana



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



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

From: INDOT esd.sam <esd.sam@indot.IN.gov>
Sent: Tuesday, April 19, 2022 4:12 PM
To: Harlan Ford
Cc: Kyle J. Boot; mitchell.wilcox@mbakerintl.com
Subject: [EXT] RE: Question Concerning Need for Phase II ESA for Des No's 1800255 and 1800256

****** Please use caution this is an externally originating email. ******
Do not click on links or open attachments unless you recognize the sender and know the contents is safe.

Hi Harlan –

Thank you for reaching out and for providing the updated scope of work in the vicinity of Advanced Bearing Materials for Des No. 1800255 and 180256. SAM concurs that, given the scope of work occurring in the vicinity of the site (and based on the KMZ file), a Phase II ESA is not warranted. Please reach back out to SAM if the scope changes or if additional review is needed. This email should serve as a re-evaluation of the project in relation to the initial Phase II ESA recommendation.

Thank you and I hope all is well!
Sincerely,
Nicole

Nicole Fohey-Breting

Site Assessment & Management (SAM) Team Lead
100 North Senate Avenue N758-ES
Indianapolis, Indiana 46204
Office: (317) 416-7084
Email: NFoheyBreting@indot.in.gov
Office Hours: 8 to 4 PM



From: Harlan Ford <hford@rqaw.com>
Sent: Tuesday, April 19, 2022 2:57 PM
To: INDOT esd.sam <esd.sam@indot.IN.gov>
Cc: Kyle J. Boot <KBoot@RQAW.com>; mitchell.wilcox@mbakerintl.com
Subject: Question Concerning Need for Phase II ESA for Des No's 1800255 and 1800256

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

Dear INDOT SAM,

We wanted to coordinate with you further on the recommendation made in the RFI for Des No's 1800255 and 1800256 approved on March 26, 2021 and RFI addendum on September 10, 2021.

The question we have concerns the Voluntary Remediation Program (VRP) site: Advanced Bearing Materials LLC (KS Bearings), 1515 West Main Street (AI ID 15726) located in the western portion of the project area for Des. No. 1800255.

- It was recommended at the time of the RFI approval that a Phase II ESA would be needed, which was appropriate as partial and full depth patching was proposed along this section of SR 46. Partial and full depth patching will still occur along this section of SR 46, but the project designer has determined that no partial or full depth patching will occur within the delineated plume (See attached .kmz for delineated plume extent along SR 46). Since there will be no excavation occurring within the extents of the delineated plume, would a Phase II ESA still be needed for this site? The only work that will occur in the area will be an HMA overlay confined to the pavements edge.
- If you concur that a Phase II ESA is no longer needed, is this email sufficient to supersede the recommendation for a Phase II ESA in the approved RFI at this site?

Please let me know if you have any questions or need additional information.

Thanks,



HARLAN FORD

ENVIRONMENTAL SCIENTIST

O: 423.458.5979

8770 North St., Ste. 110, Fishers, IN 46038

www.rqaw.com



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