## CATEGORICAL EXCLUSION LEVEL 1 FORM

GENERAL PROJECT INFORMATION

| Road No./County: |
| :--- |
| Designation Number(s): |
|  |
| Project |
| Description/Termini: |


| U.S. 6 \& U.S. 421, LaPorte County |
| :--- |
| 1702989 |
| Intersection Improvement Project, at the intersection of U.S. 6, U.S. 421, |
| and County Road (C.R.) West 600 South; The project limits will extend |
| approximately 975 ft . north, 595 ft south, 715 ft east, and 390 ft . west from |
| the center of the U.S. 6 and U.S. 421 intersection. |

CE Level 1 documentation for exempted projects

Additional Information to C.E. Level 1

## Approval:



Release for Public Involvement: $\qquad$

Certification of Public involvement:


INDOT DE/ESD Reviewer:

C.E. Preparer:
$\frac{\text { Kenneth B. McMullen, GAI Consultants, Inc. }}{\text { Name and Organization }}$

## GENERAL PROJECT INFORMATION, DESCRIPTION, AND DESIGN INFORMATION

| Purpose and Need: | Need: The need for this project stems from the high number of crashes at the <br> intersection of US 6 and US 421 resulting from westbound traffic running the <br> stop sign or failing to yield once stopped. Crash data provided by the LaPorte <br> District for the three-year analysis period from January 2014 to September <br> 2016 documents 16 crashes involving 32 vehicles that occurred within the <br> project limits. This data indicates that the Intersection Crash Rate is 1.715 <br> crashes per million vehicles per year. This crash rate is at Indiana <br> Department of Transportation's (INDOT) safety threshold. (Appendix I, Pages <br> I10 to I11) |
| :--- | :--- |
|  | Purpose: This project aims to provide safer travel for motorists at the US 6 <br> and US 421 intersection by reducing the number of crashes associated with <br> westbound vehicles running the stop sign or failing to yield once stopped. |
| Project Description <br> (Preferred Alternative): | INDOT and the Federal Highway Administration (FHWA) propose an <br> intersection improvement project. |
| Location |  |

## This project is located at the intersection of US 6, US 421, and CR West 600

 South near Westville, in Laporte County, Indiana. Specifically, this project is located in Sections 32 \& 33 of Township 36 North, Range 4 West, and Sections 4 \& 5 of Township 35 North, Range 4 West in parts of Clinton \& New Durham Townships, as shown on the Westville United States Geological Survey (USGS) 7.5 Minute Topographic Map (Appendix B, page B2).
## Existing Conditions

US 6 and US 421 are classified as Rural-Other Principle Arterial roadways, and CR W. 600 S. is classified as a Local Minor Collector. US 421 is a twoway, three-lane roadway that travels north to south through the project area, consisting of three 12 -foot (ft.) travel lanes with accompanying 6 ft . paved shoulders and 2 ft . aggregate shoulders. US 6 is a two-way, three-lane road that travels east from the project area and consists of three 12-foot (ft.) travel lanes with accompanying 6 ft . paved shoulders and 2 ft . aggregate shoulders. The average annual daily traffic (AADT) count for the north legs of both US 6 and US 421 was 5,820 vehicles per day (VPD) in 2019 and the AADT count for the south leg of US 421 was 3,829 VPD in 2019 (source: INDOT Traffic Count Database System). Crash analysis of the project area has shown that the Intersection Crash Rate is 1.715 crashes per million vehicles per year, which is at INDOT's safety threshold (Appendix I, pages I1to I40).

CR W. 600 S . is a two-lane, two-way roadway with an auxiliary right turn lane that travels west from the project area and consists of 11 ft . travel lanes with accompanying 3 ft . stone shoulders. The AADT count for the west leg of C.R. 600 S was 983 VPD in 2019. Many crashes occur at US 6 and US 421, resulting from westbound traffic running the stop sign or failing to yield once stopped. In 2017, a small triangular island was constructed on the westbound approach of US 6 for traffic utilizing the right turn lane, and an additional stop sign was added on the island. Since then, various combinations of yellow and red flashers have been used on the stop signs at

This is page 2 of 14 Project name: US 6 and US 421 Intersection Improvement Date: April 24, 2023

|  | this intersection. In addition, transverse rumble strips were also installed on the westbound lanes of US 6. The surrounding land use is primarily agricultural and commercial. <br> Preferred Alternative (Alternative 4) <br> This project would involve replacing the existing facility with a single-lane roundabout to reduce the number of crashes, as right-angle type crashes would be eliminated. The roundabout would have single-lane entries, exits, and a circulatory roadway. This project would include: <br> -Installing splitter islands to extend with the center curb on all but the west <br> -Adding a chicane to the east approach alignment <br> - Installing new lighting and reusing or replacing existing lighting <br> - Installing stormwater retention facilities <br> -Adding curbing for speed control <br> - Increasing the lane widths <br> -Replace and install stormwater pipes beneath the roadway pavement (Appendix B, pages B16-B42). <br> The project limits will extend approximately 975 ft . north, 595 ft . south, 715 ft . east, and 390 ft . west from the center of the US 6 and US 421 intersection. Every effort will be made to avoid, minimize, or mitigate project impacts during this intersection improvement project. Additionally, this project demonstrates independent utility because it will improve the intersection as a stand-alone project and is not dependent on any other planned projects. <br> Due to the scope of the work, disruptions to traffic will occur. Therefore, the Maintenance of Traffic (MOT) for this project will utilize a road closure with an official detour. Please refer to the Maintenance of Traffic section for more details. <br> Based on the above information, the preferred alternative will meet the purpose and need of the project by improving the existing intersection by reducing the number of crashes that occur. |
| :---: | :---: |
| Other Alternatives Considered: | The "No Build" Alternative <br> The "No-Build" alternative was considered for the proposed project. This alternative would eliminate any environmental impacts and no expenditure of funds for improvement. However, this alternative would not meet the purpose and need of the project and was eliminated from further consideration. <br> Alternative 2: Conventional Intersection (signalized or un-signalized) <br> This alternative includes the addition of a traffic signal, or a four-way stop at the intersection. This alternative meets the purpose and need of the project. In addition, it would have less environmental impacts and fewer costs than the preferred alternative. However, it was eliminated from consideration as IDM (Indiana Design Manual) 502-1.02(02) states that multiway stop control cannot be used unless the traffic volume at each approach leg of the |

This is page 3 of 14 Project name: US 6 and US 421 Intersection Improvement Date: April 24, 2023


This is page 4 of 14 Project name: US 6 and US 421 Intersection Improvement Date: April 24, 2023
County LaPorte $\quad$ Route US 6 \& US 421 Des. No. 1702989


Notice of Entry letters were mailed to potentially affected property owners near the project area on October 25, 2019, notifying them about the project and that individuals responsible for land surveying and field activities may be seen in the area. A sample copy of the Notice of Entry letter is included in Appendix G, page G1.

To meet the public involvement requirements of Section 106, a legal notice of FHWA's finding of "no historic properties affected" was published in the LaPorte County Herald Dispatch on August 27, 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 30 days later on September 26, 2022. The text of the public notice and the affidavit of publication appear in Appendix D, page D54.

The project met the minimum requirements described in the current INDOT Project Development Public Involvement Procedures Manual, which requires the project sponsor to offer the public an opportunity to submit comments or request a public hearing. Therefore, a legal notice of public hearing was posted in the Northwest Indiana Times and the LaPorte County Herald Dispatch on February 2, 2023 and February 9, 2023, (Appendix G, pages G5-G18). The hearing was held as advertised, with an open house on February 15, 2023 starting at 5 PM and the formal hearing beginning at 6 PM . Following a brief presentation (Appendix G, pages G19-G47), several members of the public offered comments at the hearing (Appendix G, pages G52-G55). The comment period for this project ended on March 2, 2023. Comments were received from seven interested parties, four by email and three additional commentors during the public hearing. The comments were generally related to using a roundabout over traffic lights, impediments to oversize overweight traffic, combine/farm equipment, dust control, and the unapproved local detour. All comments were addressed in the manner they were received (Appendix G, pages G48-G63). In response to public comment, designers continue to coordinate with local agencies on the local detour routes and they have adjusted the design to better facilitate the turning movements for farm equipment.

| Right-of-Way: | No: | Yes: $\mathbf{X}$ |
| :--- | :--- | :--- |

The existing right-of-way (ROW) varies throughout the project area from approximately 20 ft . to 120 ft . from the roadway centerline. It consists of the roadway, shoulders, and ditches.

The project requires approximately 0.053 acre of permanent ROW from one agricultural parcel in the northwest quadrant of the project area. No temporary ROW will be needed for this project.

If the scope of work or permanent or temporary right-of-way amounts change, the INDOT Environmental Services Division (ESD) and the INDOT District Environmental Section will be contacted immediately.

This is page 5 of 15 Project name: US 6 and US 421 Intersection Improvement Date: April 24, 2023
County LaPorte $\quad$ Route US 6 \& US 421 Des. No. 1702989

| Maintenance of Traffic (MOT) During Construction: | No: | Yes: X |
| :--- | :--- | :--- |
| The MOT for this project will require a road closure using an official detour. The detour route will utilize <br> US 35, US 30, and SR 49. This detour would add approximately 10.8 miles and 0.25 hours of added <br> travel for motorists. The detour is anticipated to be in place for approximately two construction seasons. <br> Additionally, all adjacent properties will have access through the detoured route. <br> The closures/lane restrictions will pose a temporary inconvenience to traveling motorists (including <br> school buses and emergency services); however, no significant delays are anticipated, and all <br> inconveniences will cease upon project completion. |  |  |
| Bridge(s) and/or Small Structure(s) (include structure number(s)): | No: | Yes: X |
| Presence |  |  |
| One drainage pipe (112 ft. of 18-inch pipe with end sections) will be replaced in kind under the existing <br> intersection. Two new drainage pipes (104 ft. of 18-inch pipe with inlet and end section; 90 ft. of 18 <br> inches each with end section) will be installed (Appendix B, pages B31 to B 32). |  |  |

County LaPorte
Route US 6 \& US 421
Des. No. 1702989

## IDENTIFICATION AND EVALUATION OF IMPACTS

## Early Coordination:

Early coordination letters were sent on May 27, 2020, Appendix C, pages C1 to C2.

| Agency | Date Sent | Response Received | Appendix <br> Page(s) |
| :--- | :---: | :---: | :---: |
| U.S. Fish Wildlife Service | $5 / 27 / 2020$ | $5 / 29 / 2020$ | C5 |
| Natural Resources Conservation Service | $5 / 27 / 2020$ | $6 / 18 / 2020$ | C6-C7 |
| Department of the Army, Louisville District, Corps of <br> Engineers | $5 / 27 / 2020$ | No Response | - |
| National Park Service, Midwest Regional Office | $5 / 27 / 2020$ | No Response | - |
| US Department of HoU.S.ing \& Urban Development, <br> Chicago Regional Office | $5 / 27 / 2020$ | No Response | - |
| Indiana Geological and Water Survey | $5 / 27 / 2020$ | $5 / 27 / 2020$ | C8 to C10 |
| IDNR, Division of Fish and Wildlife | $5 / 27 / 2020$ | $6 / 25 / 2020$ | C11 to C12 |
| IDEM | $5 / 27 / 2020$ | $5 / 27 / 2020$ | - |
| INDOT Aviation Section | $5 / 27 / 2020$ | $5 / 27 / 2020$ | C13 to C14 |
| INDOT, Public Hearings | $5 / 27 / 2020$ | No Response | - |
| LaPorte County Surveyor | $5 / 27 / 2020$ | No Response | - |
| LaPorte County Highway Department | $5 / 27 / 2020$ | No Response | - |
| Floodplain Administrator | $5 / 27 / 2020$ | No Response | - |
| MS4 Coordinator | $5 / 27 / 2020$ | No Response | - |
| Northwestern Indiana Regional Planning <br> Commission | Nosponse | - |  |

All applicable recommendations are included in the Environmental Commitments section of this CE document.

| Streams, Rivers, and Other Jurisdictional Features Impacted: | No: X | Yes: |
| :--- | :--- | :--- |

## No presence, no impact

Based on the desktop review, of the aerial map of the project area (Appendix B, page B3), and the RFI (Red Flag Investigation) report (Appendix E, pages E1 to E10), there are no streams, rivers, watercourses, or other jurisdictional features within the 0.5 -mile search radius. There are no streams, rivers, watercourses, or other jurisdictional features within or adjacent to the project area, as confirmed by the site visit on May 20, 2020, by GAI Consultants, Inc. (GAI). Therefore, no impacts are expected.

## Waters Report

A Waters of the US Determination / Wetland Delineation Report was approved by INDOT Ecology and Waterway Permitting Office on May 28, 2021. The report confirmed that no streams or other jurisdictional water bodies were identified. Please refer to Appendix F, pages F1 to F37 for the Waters of the US Determination / Wetland Delineation Report.

| Open Water Feature(s): | No: $X$ | Yes: |
| :--- | :--- | :--- |
| No presence, no impact |  |  |

## Based on the desktop review, the aerial map of the project area, and the RFI report (Appendix E, pages

 E1 to E10), there is one open water feature(s) within the 0.5-mile search radius. There are no streams, rivers, watercourses, or other jurisdictional features within or adjacent to the project area, which was confirmed by the site visit on May 20, 2020, by GAI. Therefore, no impacts are expected.
## Waters Report

A Waters of the US Determination / Wetland Delineation Report was approved by INDOT Ecology and Waterway Permitting Office on May 28, 2021. The report confirmed that no streams or other jurisdictional water bodies were identified. Please refer to Appendix F, pages F1 to F37 for the Waters of the US Determination / Wetland Delineation Report.

| Wetlands: | No: | Yes: X |
| :--- | :--- | :--- |

## Presence, with impacts less than 0.1 acre

Based on the desktop review, the aerial map of the project area, and the RFI report (Appendix E, pages E1 to E10), there are seven wetlands within the 0.5-mile search radius. There is one wetland present within the project area, which was confirmed by the site visit on May 20, 2020, by GAI.

## Waters Report

A Waters of the US Determination / Wetland Delineation Report was INDOT Ecology and Waterway Permitting Office approved on May 28, 2021. Please refer to Appendix F, pages F1 to F37 for the Waters of the US Determination / Wetland Delineation Report. It was determined that one wetland (Wetland A) was identified within the study area. This wetland would likely be considered an Isolated Class 1 State Regulated Wetland. The US Army Corps of Engineers (USACE) makes all final determinations regarding jurisdiction.

Wetland $A$ is located in the northeastern portion of the project area between the US 6 and US 421 intersection and an agricultural field. Wetland $A$ is an emergent wetland that likely formed due to the concave depression, high water table, roadway, and agricultural runoff. Impacts to Wetland A will be necessary to replace a drainage pipe beneath US 6/U.S. 421 just north of the intersection. Permanent impacts to Wetland A will be approximately 0.015 acre. These impacts are due to the placement of clean earthen fill due to grading of the shoulders along the roundabout. All efforts to minimize impacts were considered during the design phase, including alignment shifting and other changes. However, the

This is page 8 of 15 Project name: US 6 and US 421 Intersection Improvement Date: April 24, 2023
pipe outfall in the wetland will permanently impact Wetland $A$. As impacts to Wetland $A$ will be less than 0.10 acre, mitigation will not be required. However, permits for impacts to Wetland $A$ will be required.

## Early Coordination

The IDNR-DFW responded on June 25, 2020 (Appendix C, pages C11 to C12), stating that due to the potential presence of wetland habitat on the site, they recommended avoidance of or mitigating impacts to wetland habitat (i.e., controlling erosion, revegetating bare soils, etc.).

All applicable recommendations are included in the Environmental Commitments section of this CE document.

| Terrestrial Habitat: | No: | Yes: X |
| :--- | :--- | :--- |

## Presence, with impacts

Based on a desktop review, a site visit on May 20, 2020, by GAI, and the aerial map of the project area (Appendix B, page B3), there is roadside habitat present within the project area. Roadside vegetation consists primarily of tall fescue (Schedonorus arundinacea) and Kentucky bluegrass (Poa annua) in all four quadrants along the roadways. In addition, the northwest quadrant of the project area had green foxtail (Setaria viridis), dandelion (Taraxacum officinale), Canada thistle (Cirsium arvense), and ragweed (Ambrosia artemisiifolia) next to the adjacent farm field that had remnants of corn (Zea mays). This habitat would not be considered prime or unique. Approximately 1.93 acres of impact on the roadside habitat and adjacent farm field will be necessary to construct the roundabout. Total soil disturbance will not exceed 4.5 acres. No tree removal will be required to complete this project. Impacts have been minimized to the greatest extent possible, and avoidance alternatives are not practical to meet the purpose and need of this project. Mitigation will not be required for impacts to this habitat.

## Early Coordination

IDNR-DFW responded with recommendations to reseed using a mixture of grasses (excluding all varieties of tall fescue), sedges, and wildflowers native to Northern Indiana (Appendix C, pages C11 to C12).

All applicable recommendations are included in the Environmental Commitments section of this CE document.

| Protected Species: | No: | Yes: X |
| :--- | :--- | :--- |

Based on a desktop review and the RFI report (Appendix E, pages E1 to E10, completed by GAI and approved by INDOT Site Assessment and Management (SAM) on April 19, 2021, the IDNR Laporte County Endangered, Threatened and Rare (ETR) Species List has been checked. In addition, according to the IDNR-DFW early coordination response letter dated June 25, 2020 (Appendix C, pages C11 to C12), the Natural Heritage Program's Database has been checked. And no plant or animal species listed as state or federally threatened, endangered, or rare have been reported to occur in the project vicinity. The confidential bat database was checked on March 23, 2020, the presence of endangered bat species was not indicated.

## Indiana Bat and Northern Long-Eared Bat

## Bats. Programmatic Informal Consultation (i.e.. IPaC) - No Effect

Project information was submitted through the United States Fish and Wildlife Service's (USFWS) Information for Planning and Consultation (IPaC) portal, and an official species list was generated (Appendix C, pages C15 to C 20 ). The project is within range of the federally endangered Indiana bat (Myotis sodalis) and the federally threatened northern long-eared bat (NLEB) (Myotis septentrionalis).

This is page 9 of 15 Project name: US 6 and US 421 Intersection Improvement Date: April 24, 2023
County LaPorte Route US 6 \& US 421 Des. No. 1702989

No additional species were generated in the IPaC species list other than the Indiana bat and northern long-eared. The confidential bat database was checked on March 23, 2020, the presence of endangered bat species was not indicated.

The project qualifies for the Range-wide Programmatic Informal Consultation for the Indiana bat and Northern Long-eared bat (NLEB), dated May 2016 (revised February 2018), between FHWA, Federal Railroad Administration (FRA), Federal Transit Administration (FTA), and USFWS. A pipe inspection occurred on July 6, 2022, and no evidence of bats was seen or heard (Appendix C, page C30). An effect determination key was completed on July 22, 2021, and based on the responses provided, the project was found to "May Affect, but is Not Likely to Adversely Affect" the Indiana bat and/or the NLEB (Appendix C, pages C21 to C29). INDOT reviewed and verified the effect finding on August 11, 2021 and requested USFWS's review of the finding. No response was received from USFWS within the 14day review period; therefore, it was concluded they concur with the finding. USFWS requests that site workers be informed of all FHWA/FRA/FTA environmental commitments and the presence or presumed presence of any suitable habitat. Further, the agency instructs all light to be directed away from suitable habitat. Also, when installing new or replacing existing permanent lights, use downward-facing, full cut off lens lights Avoidance and Minimization Measures (AMMs) and commitments are included as firm commitments in the Environmental Commitments section of this document.

This precludes the need for further consultation on this project as required under Section 7 of the Endangered Species Act, as amended. If new information on endangered species at the site becomes available, or if project plans are changed, USFWS will be contacted for consultation.

| Geological and Mineral Resources: | No:X | Yes: |
| :--- | :--- | :--- |

## Outside the karst area:

Based on a desktop review and the Indiana Karst Region map, the project is located outside the designated Indiana Karst Region as outlined in the most current Protection of Karst Features during Project Development and Construction. According to the topo map of the project area (Appendix B, page B2) and the RFI report (Appendix E, pages E1-E10), there are no karst features identified within or adjacent to the project area. In the early coordination response dated May 27, 2020, the Indiana Geological and Water Survey (IGWS) did not indicate that karst features exist in the project area (Appendix C, pages C8-C10). Their response also stated moderate liquefaction potential, the moderate potential to encounter bedrock resources, a high potential to encounter sand and gravel resources, and no active or abandoned mineral resource extraction sites are documented near the project area. Response from IGS has been communicated with the designer on July 6, 2020. No impacts are expected.

| Drinking Water Resources: | No:X | Yes: |
| :--- | :--- | :--- |

Sole Source Aquifer
The project is located in LaPorte County, which is not located within the area of the St. Joseph Sole Source Aquifer, the only legally designated sole source aquifer in the state of Indiana. Therefore, the FHWA/EPA Sole Source Aquifer Memorandum of Understanding (MOU) does not apply to this project. Therefore, a detailed groundwater assessment is unnecessary, and no impacts are expected.

## Wellhead Protection Area and Source Water

The Indiana Department of Environmental Management's Wellhead Proximity Determinator website (http://www.in.gov/idem/cleanwater/pages/wellhead/ ) was accessed on May 27, 2020 by GAI. This project is not located within a Wellhead Protection Area or Source Water Area. No impacts are expected.

This is page 10 of 15 Project name: US 6 and US 421 Intersection Improvement Date: April 24, 2023

## Water Wells

The Indiana Department of Natural Resources Water Well Record Database website (https://www.in.gov/dnr/water/3595.htm ) was accessed on July 6, 2020, by GAI. There is one significant withdrawal well northwest of the project area. This feature will not be affected due to the distance of the well from the construction limits of the project area. Therefore, no impacts are expected. Should it be determined during the right-of-way phase that this well is affected, a cost to cure will likely be included in the appraisal to restore the wells.

## Urban Area Boundary

Based on a desktop review of the INDOT Municipal Separate Storm Sewer System (MS4) website (https://entapps.indot.in.gov/MS4/ ) by GAI on March 11, 2020, and the RFI report; this project is located in an Urban Area Boundary (UAB) location. An early coordination letter was sent on May 27, 2020, to The LaPorte County Government MS4 Coordinator. The MS4 coordinator did not respond within the 30day time frame. This project will comply with the storm water quality management plan by implementing and adhering to appropriate best management practices (BMP's).

## Public Water System

Based on a desktop review, a site visit on May 20, 2020, by GAI, and the aerial map of the project area (Appendix B, page B3), no public water systems were identified. Therefore, no impacts are expected.

| Floodplains: | No: $\mathbf{X}$ | Yes: |
| :--- | :--- | :--- |
| The Indiana Department of Natural Resources Indiana Floodway Information Portal website <br> (http://dnrmaps.dnr.in.gov/appsphp/fdms/ ) was accessed on March 11, 2020, by GAI. This project is not <br> located in a regulatory floodplain as determined from approved IDNR floodplain maps (Appendix F, <br> page F38). Therefore, it does not fall within the guidelines for the implementation of 23 CFR 650, 23 <br> CFR 771, and 44 CFR. No impacts are expected. |  |  |
| Farmland: | No: | Yes: $\mathbf{X}$ |
| Based on a desktop review, a site visit on May 20, 2020, by GAI, and the aerial map of the project area <br> (Appendix B, page B3), the project will convert 0.053 acre of farmland as defined by the Farmland |  |  |
| Protection Policy Act. An early coordination letter was sent on May 27, 2020, to the Natural Resources <br> Conservation Service (NRCS). Coordination with NRCS on June 17, 2020, resulted in a score of 99 on |  |  |
| the NRCS AD- 1006 Form (Appendix C, pages C6 to C7). NRCS's threshold score for significant |  |  |
| impacts on farmland that result in consideration of alternatives is 160. Since this project score is less |  |  |
| than the threshold, no significant loss of prime, unique, statewide, or local important farmland will result |  |  |
| from this project. No alternatives other than those previously discussed in this document will be |  |  |
| investigated without reevaluating impacts on prime farmland. |  |  |


| Cultural Resources: | No: | Yes: $X$ |
| :--- | :--- | :--- |

FHWA is required to comply with Section 106 of the National Historic Preservation Act of 1966 as amended (Section 106) and its implementing federal regulation, 36 CFR 800, when utilizing federal funds. The following information summarizes the steps to identify the cultural resources listed in or eligible for listing in the National Register of Historic Places (NRHP) and the expected impacts the project will have on those resources. The documentation produced during the Section 106 process is found in Appendix D.

## Area of Potential Effect (APE):

The above-ground APE was drawn to encompass properties adjacent to the undertaking or with a potential view of the project. Similarly, the APE for archaeology includes all existing and proposed right-of-way; it is encompassed by the survey area, including the archaeology APE and any areas
investigated beyond it (Appendix D, page D13 to D14). INDOT on behalf of FHWA approved the APE (Appendix D, page D7) on August 22, 2022.

## Coordination with Consulting Parties:

INDOT, acting on behalf of FHWA, sent an invitation with instructions for accessing early coordination materials to potential consulting parties on July 13, 2021. Those invited to consult on this project included:

Northwestern Indiana Regional Planning Commission
LaPorte County Historian
LaPorte County Historical Society
Westville Community Historical Society
LaPorte County Genealogy Society
LaPorte County Board of Commissioners
LaPorte County Highway Engineer
LaPorte County Plan Commission
Indiana Landmarks - Central Regional Office
Forest County Potawatomi Community
Pokagon Band of Indians of Oklahoma
Eastern Shawnee Tribe of Oklahoma
Miami Tribe of Oklahoma
Peoria Tribe of Indians of Oklahoma
Shawnee Tribe
Indiana State Historic Preservation Officer (SHPO)
SHPO and consulting parties were provided access to the Historic Property Short Report (HPSR) (Fivecoat, 2022) on April 06, 2022 (Appendix D, Pages D51 to D52).

## Archaeology:

A qualified professional archaeologist for Weintraut \& Associates performed a records check then completed a Phase la archaeological reconnaissance for the proposed US 6 and US 421 Intersection Improvement Project on November 15, 2021. An Archaeology Short Report (ASR) was produced by Arnold (April 01, 2022) (Appendix D, pages D49 to D50). The report noted that the Phase la reconnaissance conducted August 18 and 19, 2021, located two previously unidentified archaeological sites were encountered during the Phase la archaeological field reconnaissance. Both sites fail to meet the necessary eligibility criteria for listing in the NRHP, and no further archaeological work is recommended.

This ASR was provided to consulting parties on April 06, 2022 (Appendix D, Pages D29 to D31). The Indiana SHPO concurred with this assessment in correspondence dated May 5, 2022 (Appendix D, Pages D38 to D39).

## Historic Properties:

As a result of Section 106 identification and evaluation efforts, a qualified professional historian for Weintraut \& Associates evaluated properties within the APE for this project. Weintraut \& Associates consulted the NRHP, the register of National Historic Landmarks (NHL), Indiana Register of Historic Sites and Structures (State Register), the Indiana Historic Sites and Structures Inventory (IHSSI), the State Historical Architectural and Archaeological Research Database (SHAARD), the Indiana Historic Buildings, Bridges, and Cemeteries (IHBBC) Map, the Indiana Statewide Historic Bridge Inventory, and the Hamilton County Interim Report (1992) for previously identified properties. Based on this evaluation,
no properties within this project's APE are listed on or eligible for listing on the NRHP. On August 16, 2021, Weintraut \& Associates conducted a field survey of the APE, evaluating all above-ground resources that would be at least 50 years old at the time of the project letting in 2022. Weintraut \& Associates prepared a HPSR (Fivecoat, January 2022) that recommended no resources in the APE as eligible for listing in the NRHP. The Indiana SHPO concurred with the recommendations of the HPSR on May 5, 2022 (Appendix D, Pages D38 to D39).

## Documentation. Findings:

INDOT, on behalf of the FHWA, signed the "no historic properties affected" finding and approved the Section 106 800.11(e) documentation for the project on August 22, 2022 (Appendix D, pages D3 to D6). The project was determined to have "no effect" on historic resources. The documentation was sent to consulting parties, including the SHPO on August 24, 2022, and the SHPO concurred with the finding on August 29, 2022 (Appendix D page D1 to D2).

## Public Involvement:

To meet the public involvement requirements of Section 106, a legal notice of FHWA finding of "No Historic Properties Affected" was published in the Laporte County Herald Dispatch on August 27, 2022, offering the public an opportunity to submit comments pursuant to 36 CFR 800.2(d), 800.3(e), and 800.6(a)(4). The public comment period closed 30 days later on September 26, 2022. The text of the public notice and the affidavit of publication appear in Appendix D, page D54. Other than a concurrence letter from the SHPO, no additional comments were received from the public.

| Section 4(f) and Section 6(f) Resources: | No: X | Yes: |
| :--- | :--- | :--- |

Section 4(f) of the US Department of Transportation Act of 1966 prohibits the use of certain public and historic lands for federally funded transportation facilities unless there is no feasible and prudent alternative. The law applies to significant publicly owned parks, recreation areas, wildlife/waterfowl refuges, and NRHP eligible or listed historic properties regardless of ownership. Lands subject to this law are considered Section 4(f) resources.

Based on a desktop review, the aerial map of the project area (Appendix B, page B3), and the RFI report (Appendix E, pages E1 to E10), there is one potential 4(f) resource located within the 0.5 -mile search radius. According to additional research and by a site visit on May 20, 2020, by GAI, there are no 4(f) resource located within or adjacent to the project area. The RFI indicated one potential trail located 0.39 miles west of the existing intersection. It was determined that this trail was not within the project area and therefore would not be impacted permanently or temporarily by the construction of the project. The project will not use this resource by taking permanent right of way and will not indirectly use the resource in such a way that the protected activities, features, or attributes that qualify a resource for protection under Section 4(f) are substantially impaired. Therefore, no 4(f) use is expected.

Based on a desktop review, the aerial map of the project area (Appendix B, page B3), and the RFI report (Appendix E, pages E1 to E10), there are no potential 4(f) resources located within the 0.5 -mile search radius. Therefore, no use is expected.

The US Land and Water Conservation Fund Act of 1965 established the Land and Water Conservation Fund (LWCF), which was created to preserve, develop, and assure accessibility to outdoor recreation resources. Section 6(f) of this Act prohibits the conversion of lands purchased with LWCF monies for non-recreation use.

This is page 13 of 15 Project name: US 6 and US 421 Intersection Improvement Date: April 24, 2023

A review of 6 (f) properties on the INDOT ESD website revealed 11 properties in LaPorte County (Appendix I, page 141). None of these properties are located within or adjacent to the project area. Therefore, there will be no impact on 6 (f) resources.

| Air Quality: | No: X | Yes: |
| :--- | :--- | :--- |

This project is included in the Fiscal Year (FY) 2022-2026 Northwestern Indiana Regional Planning Commission (NIRPC) Transportation Improvement Plan (TIP) which has been directly incorporated into the FY 2022-2026 STIP. (Appendix H, pages H1 to H5).

This project is located in LaPorte County, which is currently in attainment for all criteria pollutants according to IDEM's website: https://www.in.gov/idem/airquality/2339.htm . Therefore, the conformity procedures of 40 CFR Part 93 do not apply.

This project is of a type qualifying as a categorical exclusion (Group 1) under 23 CFR 771.117(c) or exempt under the Clean Air Act conformity rule under 40 CFR 93.126, and as such, a Mobile Source Air Toxics analysis is not required.

| Community Impacts: | No: X | Yes: |
| :--- | :--- | :--- |
| Under FHWA Order 6640.23A, FHWA and the project sponsor, as a recipient of funding from FHWA, |  |  |
| are responsible for ensuring that their programs, policies, and activities do not have a disproportionately |  |  |
| high and adverse effect on minority or low-income populations. This project will have no relocations and |  |  |
| require less than 0.5 acte of additional permanent right-of-way; therefore, an EJ (Environmental |  |  |
| Justice) analysis is not required per the current INDOT Categorical Exclusion Manual. |  |  |


| Public Facilities and Services (e.g., schools, emergency services): | No: $X$ | Yes: |
| :--- | :--- | :--- |

Based on a desktop review, the aerial map of the project area (Appendix B, page B3), and the RFI report (Appendix E, pages E1 to E10), there are no public facilities within the 0.5 -mile search radius. This information was confirmed by the site visit on May 20, 2020, by GAI. There are no public facilities within or adjacent to the project area. Therefore, no impacts are expected. Access to all properties will be maintained during construction.

It is the project sponsor's responsibility to notify school corporations and emergency services at least two weeks before any construction that would block or limit access.

| Hazardous Materials and Regulated Substances: | No: X | Yes: |
| :--- | :--- | :--- |
| Based on a review of GIS (Geographic Information Systems) and available public records, an RFI was |  |  |
| approved by INDOT SAM on April 19, 2021, by GAI (Appendix E, pages E1 to E10). One Resource |  |  |
| Conservation Recovery Act (RCRA) Generator/Treatment Storage and Disposal (TSD) site and one |  |  |
| Leaking Underground Storage Tank (LUST) site are located within 0.5 mile of the project area. No |  |  |
| hazardous Material concern sites are located within the project area. No impacts are expected. Further |  |  |
| investigation into hazardous material concerns is not required at this time. |  |  |


| Permits: | No: | Yes: $X$ |
| :--- | :--- | :--- |

An IDEM Construction Stormwater General Permit (CSGP) will likely be required for land disturbance greater than 1 acre, and an IDEM Section 401 Water Quality Certification/ USACE 404 permit will likely be required for impact.

It is the responsibility of the project sponsor to identify and obtain all required permits.

Applicable recommendations provided by resource agencies are included in the Environmental Commitments section of this document. If permits are found to be necessary, the conditions of the permit will be requirements of the project and will supersede these recommendations.

## ENVIRONMENTAL COMMITMENTS:

## Firm:

1. If the scope of work or permanent or temporary right-of-way amounts change, the INDOT Environmental Services Division (ESD) and the INDOT District Environmental Section will be contacted immediately. (INDOT ESD and INDOT District)
2. It is the responsibility of the project sponsor to notify school corporations and emergency services at least two weeks prior to any construction that would block or limit access. (INDOTESD)
3. GENERAL AMM 1: Ensure all operators, employees, and contractors working in areas of known or presumed bat habitat are aware of all FHWA/FRA/FTA (Transportation Agencies) environmental commitments, including all applicable AMM's. (USFWS)
4. LIGHTING AMM 1: Direct temporary lighting away from suitable habitat during the active season. (USFWS)
5. Any work in a wetland area within the right-of-way or in borrow/waste areas is prohibited unless specifically allowed in the U.S. Army Corps of Engineers permit. (INDOT EWPO)

## Further Consideration:

1. Impacts to wetland habitat should be mitigated at the appropriate ratio according to the 1991

INDOT/IDNR/USFWS Memorandum of Understanding. (IDNR-DFW)
2. Revegetate all bare and disturbed areas within the project area using a mixture of
grasses (excluding all varieties of tall fescue), sedges, and wildflowers native to Northern Indiana and specifically for stream bank/floodway stabilization purposes as soon as possible upon completion. (IDNR-DFW)

## Table of Appendices

Appendix A: INDOT Supporting Documentation
Threshold Chart ..... A1
Appendix B: Graphics
Maps of the Project Area ..... B1
Photographs of the Project Area ..... B8
Project Plans ..... B16
Appendix C: Early Coordination
Early Coordination Example Letter ..... C1
Early Coordination Distribution List ..... C3
Response - USFWS ..... C5
Response - NRCS ..... C6
Response - IGWS ..... C8
Response - IDNR ..... C11
Response - INDOT, Office of Aviation ..... C13
USFWS Official Species List ..... C15
USFWS Consistency Letter ..... C21
Bridge/Structure Assessment ..... C30
Appendix D: Section 106 Consultation
Findings of Effect ..... D1
ECL ..... D18
Correspondence ..... D35
ASR ..... D49
HPSR ..... D51
Public Notice Affidavit ..... D54
Appendix E: Red Flag and Hazardous Materials
Red Flag Investigation ..... E1
Appendix F: Water Resources
WOTUS Report ..... F1
6(f) Resources ..... F38
Floodplain Information. ..... F39
Appendix G: Public Involvement
Example NOS letter ..... G1
Legal Notice of Public Hearing ..... G2
Recipients List ..... G4
Legal Publication and Affidavit ..... G5
Hearing Presentation ..... G19
Summary of Comments and Responses from Certified Public Hearing ..... G48
Appendix H: Public Involvement
Air Quality ..... H1
Appendix I: Additional Studies
Engineers Report ..... I1
LWCF LaPorte County List ..... I41

## Appendix A

## INDOT Supporting Documentation

| Item | Appendix Page |
| :--- | :---: |
| Threshold Chart | A1 |

Categorical Exclusion Level Thresholds

$\left.$|  | PCE | Level 1 | Level 2 | Level 3 | Level 4 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Section 106 | Falls within <br> guidelines of <br> Minor Projects PA | "No Historic <br> Properties <br> Affected" | "No Adverse <br> Effect" |  | - | | "Adverse |
| :---: |
| Effect" Or |
| Historic Bridge |
| involvement ${ }^{2}$ | \right\rvert\,

[^0]
## Appendix B

## Graphics

| Item | Appendix Page |
| :--- | :---: |
| Maps of the Project Area | B1 to B7 |
| Photographs of the Project Area | B8 to B15 |
| Project Plans | B16 to B51 |

gai consultants











Photo 7. Looking west from the southwest corner of the US 6 and US 421
intersection.
Photo 6. Looking north up US 421 from the southwest corner of the US 6 and US 421 intersection.


Photo 8. Looking west at the land and vegetation surrounding DP-3.
 mile west of the US 6 and US 421 intersection.

Photo 12. Looking west from the center of CR W. 600 S., approximately 0.03 mile west of the US 6 and US 421 intersection.




Photo 21. Looking east from the center of US 6, approximately 0.03 mile east of the US 6 and US 421 intersection.


Photo 23. Looking northwest toward the southern edge of the wetland located in the northeast corner of the US 6 and US 421 intersection.


Photo 22. Looking northeast toward the southern edge of the wetland located in the northeast corner of the US 6 and US 421 intersection.


Photo 24. DP-1 soil profile.



Photo 29. Looking southeast from the northern edge of the wetland located in the northeast corner of the project area.


Photo 31. Looking northwest from the western side of the wetland located in the northeast corner of the project area.


Photo 30. Looking south from the eastern side of the wetland located in the northeast corner of the project area.


Photo 32. Looking southwest from the western side of the wetland located in the northeast corner of the project area.


## INDIANA DEPARTMENT OF TRANSPORTATION

## ROAD PLANS

$$
\begin{array}{lrl}
\text { ROUTE: } & \text { US } 6 & \text { FROM: } \\
\text { PR } 36+60 \text { to RP } 36+60 \\
\text { PROJECT NO. } & 1702989 & \text { P.E. } \\
& & 1702989 \\
& \text { R/W } \\
& & 1702989 \\
& \text { CONST. }
\end{array}
$$




PROJECTLOCATION SHOWN BY APORTE COUNT


| UTILITIES |  |  |
| :---: | :---: | :---: |
| Electric <br> Kankakee Valley REMC <br> 8642 W. US Hwy 30 PO Box 157 <br> Contact: Jacob Baile <br> Phone: (219)733-2511 <br> Email: jbailey@kyremc.com <br> NIPSCO Electric (LaPorte) <br> 801 East 86th Avenue <br> Merrilville, <br> Phone: (219)647-4912 <br> Email: utilitycoordination@nisource.com <br> Sanitary <br> Town of Westville <br> 904 W Main Street <br> Westville, IN 46391 Contact: Nathan How <br> Phone: (219)785-2413 <br> Email: westville.utility@westville.us | Gas <br> NIPSCO Gas (LaPorte) <br> 801 East 86th Avenue <br> Contact: Dean 4 Garre <br> Phone: (219)647-4912 <br> Email: utilitycoordination@nisource.com <br> Water <br> Town of Westville <br> 908 Stanley Drive <br> Westville, IN 46391 <br> Contact: <br> Email: westville.utility@westville.us | Communication Frontier <br> 8001 West Jefferson Blvd Fort Wayne, IN 46804 Contact: Joe Sarli Phone: (260)461-33 Email: utilitycordreq@ftr.com <br> Mediacom, LLC (Auburn) 3900 26th Avenue Contact: Scott Roberts Phone: (217)345-553 Email: sroberts@mediacomcc.com |


| GENERAL NOTES |
| :---: |
|  |


| INDEX |  |
| :---: | :---: |
| SHEET No. | DRAWINGS Index |
| 1 | TitLe |
| 2 | INDEX AND GENERAL NOTES |
| 3-5 | TYPICAL SECTIONS |
| 6-7 | TEMPORARY TRAFFIC CONTROL |
| 8-10 | LOCATION CONTROL ROUTE SURVEY |
| 11-13 | GEOMETRIC TIE SHEETS |
| 14-20 | PLAN AND PROFILES |
| 21-29 | CONSTRUCTION DETAILS |
| 30-33 | EROSION CONTROL DETAILS |
| 34-35 | APPROACH TABLES |
| 36 | MISCELLANEOUS TABLES |
| 37-59 | CROSS SECTIONS |





$\begin{aligned} & \text { ADVACCE TURN DETOUR } \\ & \text { ROUTE MARKER ASSEMBLY }\end{aligned}$
$\begin{gathered}\text { DIRECTIONAL DETOUR } \\ \text { ROUTE MAREER ASSEMBLY }\end{gathered}$
$\begin{aligned} & \text { CONFIRMING DETOUR } \\ & \text { ROUTE MARKER ASSFM }\end{aligned}$

$\begin{gathered}\text { CONFIRMING DETOUR } \\ \text { ROUTE MARKER ASSEMBLY }\end{gathered} \quad \begin{gathered}\text { ADVANCE TURN DETOUR } \\ \text { ROUTE MARKER ASSEMBLY }\end{gathered} \quad \begin{gathered}\text { DIRECTIONAL DETOUR }\end{gathered} \quad \begin{gathered}\text { END DETOUR } \\ \text { ROUTE MARKER ASSEMBLY }\end{gathered}$
ROUTE MARKER ASSEMBLY

(6) $\begin{aligned} & \text { DETOUR } \\ & \text { Xm } \\ & \text { WEST } \\ & \text { W3-4 }\end{aligned}$



| (1) |  |
| :---: | :---: |
| WETOUR |  |
|  |  |
|  |  |
|  |  |


ADVANCE TURN DETOUR
ROUTE MARKER ASSEMBLY
DIRECTIONAL DETOUR
ROUTE MARKER ASSEMBLY
CONFIRMING DETOUR
ROUTE MARER ASSEMBLY
END DETOUR
OUTE MARKER ASSEMBLY








| RECOMMENDED FOR APPROVAL | DEsIGV ENGINEER | INDIANA DEPARTMENT OF TRANSPORTATION |
| :---: | :---: | :---: |
| Desine: Jv | DRaWN: MMW | TEMPORARY TRAFFIC CONTROL PLAN |
| checked: rew | CHECKED: Rew |  |


| SCALE | ERIOEE FILE |  |  |
| :---: | :---: | :---: | :---: |
|  | desionation |  |  |
|  |  |  |  |
| Surver Book | Steers |  |  |
|  | 6 | $\xrightarrow{\text { of }}$ | 59 |
| ${ }_{\text {R.3035 }}$ |  | ${ }_{\text {Prolecr }}^{\text {Propge }}$ |  |



## Suveryor report (ROUTE SURVVE)




 3. Abomenen oast



Pats, notes and winessess wirresed tis surner
$A$ Roosd pans

a. Scotion Comene Whenesses:
b. Basad on tho laportecomis



5. Monuments sod marater










 (r87,40000 C 5 ).


















LeGEND
(17) Concrete Curb and Gutter, Type B
(18) Concrete Curb and Gutter, Type $B$, Modififed
(190 ) Concrete Curb and Gutter, Roundabout
(22) Concrete Center Curb, Type
(26) Mulched Seeding, Type R

$=\begin{gathered}\text { Subbase for PCCP, on } \\ \text { Subgrade Treatment Type }\end{gathered}$




Subgrade Treatment Type ic
(11) PCCP, - in. Shoulder, on


 8 in. Geocelel Confining System, on
Geotextile Type 2 2A, on 5 ine of of ompacated Aggreate, No. 53
HM for A Aproaches Tye



(0) - in. of Compacted Aggregate, No. 53

(1) Pipe, 6 in., Type 4



| (RECOMMENDED |  | DEPARTMENT OF TRANSPORTATION |
| :---: | :---: | :---: |
| Jv | Dramw: кTH | CONSTRUCTION DETAILS <br> 47+00 TO 50+50 LINES "D" \& "PR-DN" |
| KxE: : Rew | CHECKE: : JV |  |
















|  |  |  |
| :---: | :---: | :---: |
|  | Desicnenciner | DATE |
| Desione: JV | Drawn: zm |  |
| CHECKED: rew | CHECKED: Rew |  |


| Schle | BRIDGE FIIE |  |  |
| :---: | :---: | :---: | :---: |
| None | $\begin{gathered} \hline \text { DESIGNATION } \\ \hline 1702989 \\ \hline \end{gathered}$ |  |  |
|  |  |  |  |
| Surver Pook | SHHEETS |  |  |
| солrıact | 35 | of 1 | 59 |


| STRUCTURE DATA |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Location |  |  |  | SIZE |  | MANHOLE，INLET，CATCH BASIN， OR SPECIALTY STRUCTURE |  | $\begin{aligned} & \frac{工}{5} \\ & \frac{5}{4} \\ & \hline \mathrm{ft} \end{aligned}$ | 帝 |  |  |  |  |  |  |  |  |  |  |  <br> sYs． |  | GRATED box end SECTION |  |  | SAFETY METAL END SECTION |  |  |  | REMARKS |
|  | Station | 轷 | $\begin{aligned} & \text { 돌 } \\ & \stackrel{y}{c} \end{aligned}$ | $\begin{array}{\|c\|} \hline ⿺ 辶 ⿱ 丷 ⿱ 一 𧰨 ⿻ 心 ㇒ 山 己 ~ \\ \hline \end{array}$ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | EA． |  |  |  |  |  |  | TYPE | SLOPE | EA． | SLOPE | EA． | EA． |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | $55+44^{\text {PrP－ON＂}}$ |  |  | x | 18 | 1 |  |  | ${ }_{112}$ |  |  | 790.25 | 789.96 | 75 | NA | 8 | 1 | 1 |  |  |  | 2 |  |  |  |  |  |  |  | Remove Exist． $15^{\prime \prime} \mathrm{CMP}$ |
| 11 | $13+0$＂CIR＂$^{\text {c }}$ | $30.6^{\prime}$ |  |  | 18 | 2 | INLET FT |  | 104 |  |  | 790.55 | 790.28 | ${ }_{75}$ | NA | 8 | 1 | 1 |  |  |  | 1 |  |  |  |  |  |  | OUTFALL |  |
| 12 | $57+21^{\text {TPRR－OS }}$ |  | 74．3 |  | 18 | 2 |  |  | 90 |  |  | 790.78 | 790.55 | 75 | NA | 8 | 1 | 1 |  |  |  | 1 |  |  |  |  |  |  | 11 |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |


| $\underbrace{}_{\substack{\text { Recommeno } \\ \text { cor APROVAL }}}$ |  |  |
| :---: | :---: | :---: |
| Desigue：Jjv | Drawn：zm |  |
| Checke：Rew | checke：Rew |  |


| scale | BRIDEE EILE |  |  |
| :---: | :---: | :---: | :---: |
| None | DESGIVATION |  |  |
|  |  |  |  |
|  |  |  |  |
| SuvVe Y Book | steters |  |  |
| солrрас | 36 | ${ }_{\text {Profect }}^{\text {of }}$ | 59 |


[^0]:    ${ }^{1}$ Coordinate with INDOT Environmental Services Division. INDOT will then coordinate with the appropriate FHWA Environmental Specialist.
    ${ }^{2}$ Any involvement with a bridge processed under the Historic Bridge Programmatic Agreement.
    ${ }^{3}$ Total permanent impacts to streams (linear feet) and wetlands (acres).
    ${ }^{4}$ US Army Corps of Engineers Individual 404 Permit
    ${ }^{5}$ Total permanent and temporary right-of-way. This does not include reacquisition of existing apparent right-of-way.
    ${ }^{6}$ If any relocations are within an area with a known or suspected Environmental Justice (EJ) or disadvantaged population, or has greater than 5 relocations, a conversation with FHWA, through INDOT ESD, is needed to confirm NEPA classification and outreach plan for the project.
    ${ }^{7}$ Avoidance and Mitigation Measures (AMMs) determined by the IPAC determination key to be required that are not tree AMMs, bridge AMMs, or structure AMMs.
    ${ }^{8}$ Projects that do not fall under a Species Specific Programmatic and results in a "Likely to Adversely Affect". Other findings can be processed as a lower-level CE.
    ${ }^{9}$ Potential for causing a disproportionately high and adverse impact.
    ${ }^{10}$ Section 4(f) use resulting in an Individual, Programmatic, or de minimis evaluation. The only exception is a de minimis evaluation for historic properties (Effective January 2, 2020). If a historic property de minimis and no other use, mark the None column.
    ${ }^{11}$ Hot Spot Analysis and/or MSAT Quantitative Emission Analysis.

    * Includes the threatened/endangered species critical habitat

    Note: Substantial public or agency controversy may require a higher-level NEPA document.

