Appendix E

Red Flag and Hazardous Materials

Item	Appendix Page
Red Flag Investigation Addendum	E1 to E5
Red Flag Investigation	E6 to E16

Northeastern Indiana Regional Coordinating Council

200 East Berry Street
Suite 230
Fort Wayne, Indiana 46802
(260) 449-7309 / FAX: (260) 449-8652

Daniel S. Avery,
Executive Director

Date: April 4, 2024

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: Stacey Gorsuch
Northeastern Indiana Regional Coordinating Council
200 East Berry Street, Suite 230
Fort Wayne, IN 46802
Stacey.gorsuch@co.allen.in.us

Re: RED FLAG INVESTIGATION
DES #1901705, Local Project, City of Fort Wayne
Added Travel Lanes
Hillegas Road from State Blvd to Coliseum Blvd
Allen County, Indiana

A review of the original RFI signed on November 4, 2022, for the above DES # indicated substantive changes have occurred within the 0.5 mile radius and/or project area limits that will have an impact to the project. Additional storm sewer and grading work will be completed along State Boulevard, from 550' west of Hillegas Road to Westgate Court. From State Boulevard south along Westgate Court to the Lowther Neuhaus Ditch. The Lowther Neuhaus Ditch will be used as an outfall. Excavation of this project is expected to be between 4' to 6'.

The following features and/or items were not detailed in the original RFI document (11-4-22), but have since been identified as having an impact on the project area and requiring additional coordination.

1. **Water Resources -**
   IDEM 303d Listed Streams and Lakes (Impaired): An additional impaired stream intersects the project area. The Lowther Neuhaus Ditch intersects the project area approximately 800' east of Hillegas and 200' south of State Blvd. It is listed as impaired for E.coli, IBC, and is included in the St. Marys River and Maumee River Watershed TMDL.
   - Concerning Impaired Biotic Communities (IBC), Best Management Practices (BMPs) will be used to avoid further degradation to the stream.
   - Concerning Ecoli, workers who are working in or near water with E. coli should take care to wear appropriate PPE, observe proper hygiene procedures, including regular hand washing, and limit personal exposure.

   Rivers and Streams: An additional river/stream segment intersect the project area. The Lowther Neuhaus Ditch intersects the project area approximately 800' east of Hillegas and 200' south of State Blvd. This will affect the project. A Waters of the US Report is recommended based on mapped features, and coordination with the appropriate agency, if applicable, will occur.

Floodplain – DFIRM: Two (2) additional floodplain polygons intersect the project area approximately 800' east of Hillegas and 200' south of State Blvd and is associated with the Lowther Neuhaus Ditch. This will affect the project. Coordination with the appropriate agency will occur.

2. **Hazardous Material Concerns -**
   NPDES Facilities: Two (2) additional NPDES facilities are located adjacent to the project area.
   - The NPDES Facility named "Finnegan's Playground Indoor Dog Park", permit number INRA06772 is located at 3232 Hillegas Rd. The permit was issued on 12/29/2020 and expires 12/29/2025. Coordination with Finnegan's Playground Indoor Dog Park will occur.
   - The NPDES Facility named "Zurcher Tire New Warehouse", permit number INRA10457 is located at 3414 Hillegas Rd. The permit was issued on 9/6/2022 and expires 9/5/2027. Coordination with Zurcher Tire New Warehouse will occur.

3. **Ecological Information -**
   The Allen County listing of the Indiana Natural Heritage Data Center information on endangered, threatened, or rare (ETR) species and high quality natural communities is provided at https://www.in.gov/dnr/nature-preserves/files/np_allen.pdf. A preliminary review of the Indiana Natural Heritage Database did not indicate the presence of ETR species within the 0.5 mile search radius. Coordination with USFWS and IDNR will occur.

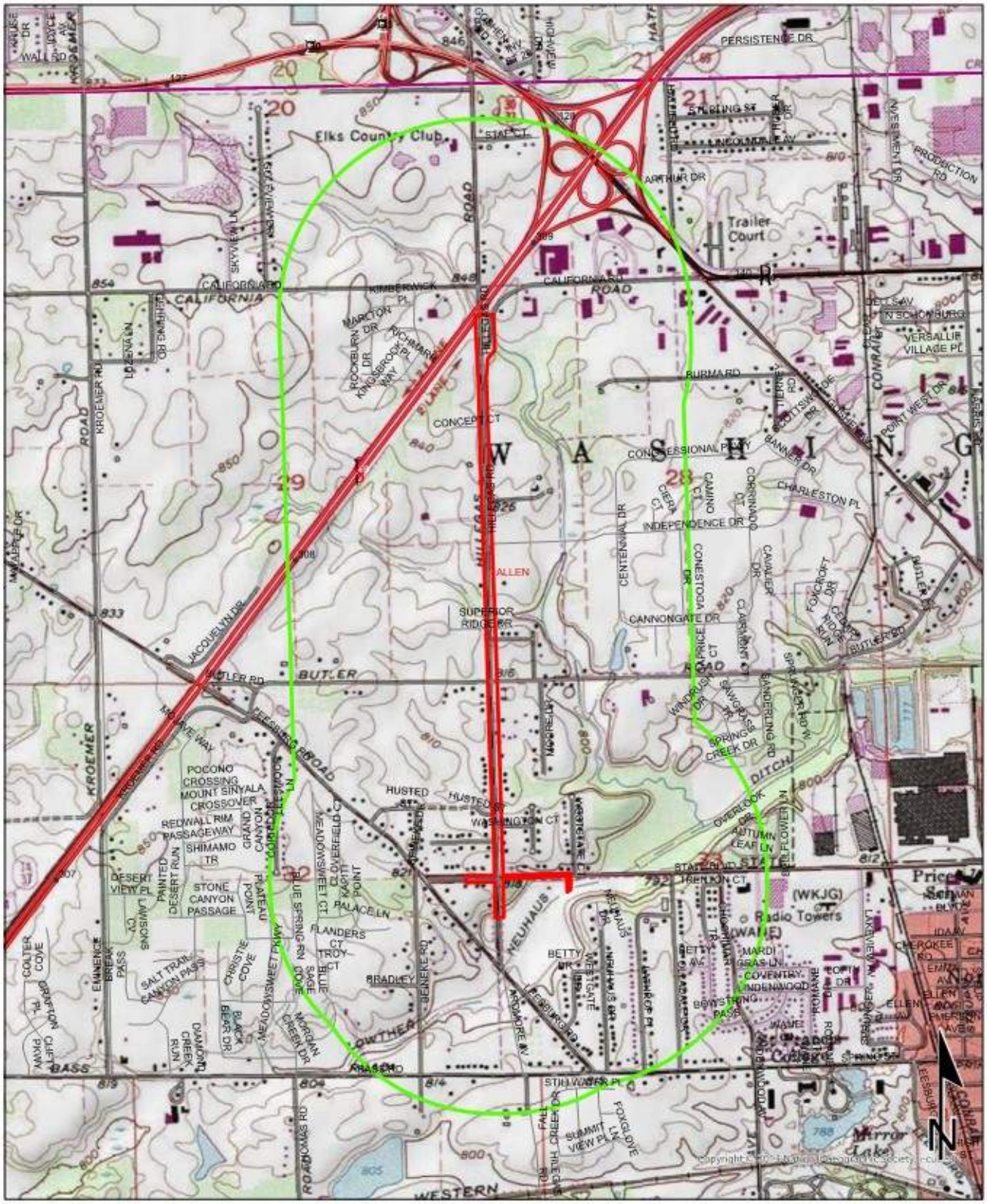
   A review of the USFWS database (by INDOT Fort Wayne District dated 1/8/2024) did not indicate the presence of endangered bat species in or within 0.25 miles of the project area. The range-wide programmatic consultation for the Indiana Bat and Northern Long-eared Bat shall be completed according to the most recent "Using the USFWS's IPaC System for Listed Bat Consultation for INDOT Projects".

INDOT Environmental Services concurrence: Shelby O'Neal Digitally signed by Shelby O'Neal Date: 2024.04.05 08:42:44 -04'00' (Signature)

Prepared by:

Stacey Gorsuch
Principal Transportation Planner
Northeastern Indiana Regional Coordinating Council

Red Flag Investigation - Site Location Map
Hillegas Road from State Boulevard to Coliseum Boulevard
DES #1901705, Road Widening
Allen County, Indiana (City of Fort Wayne)



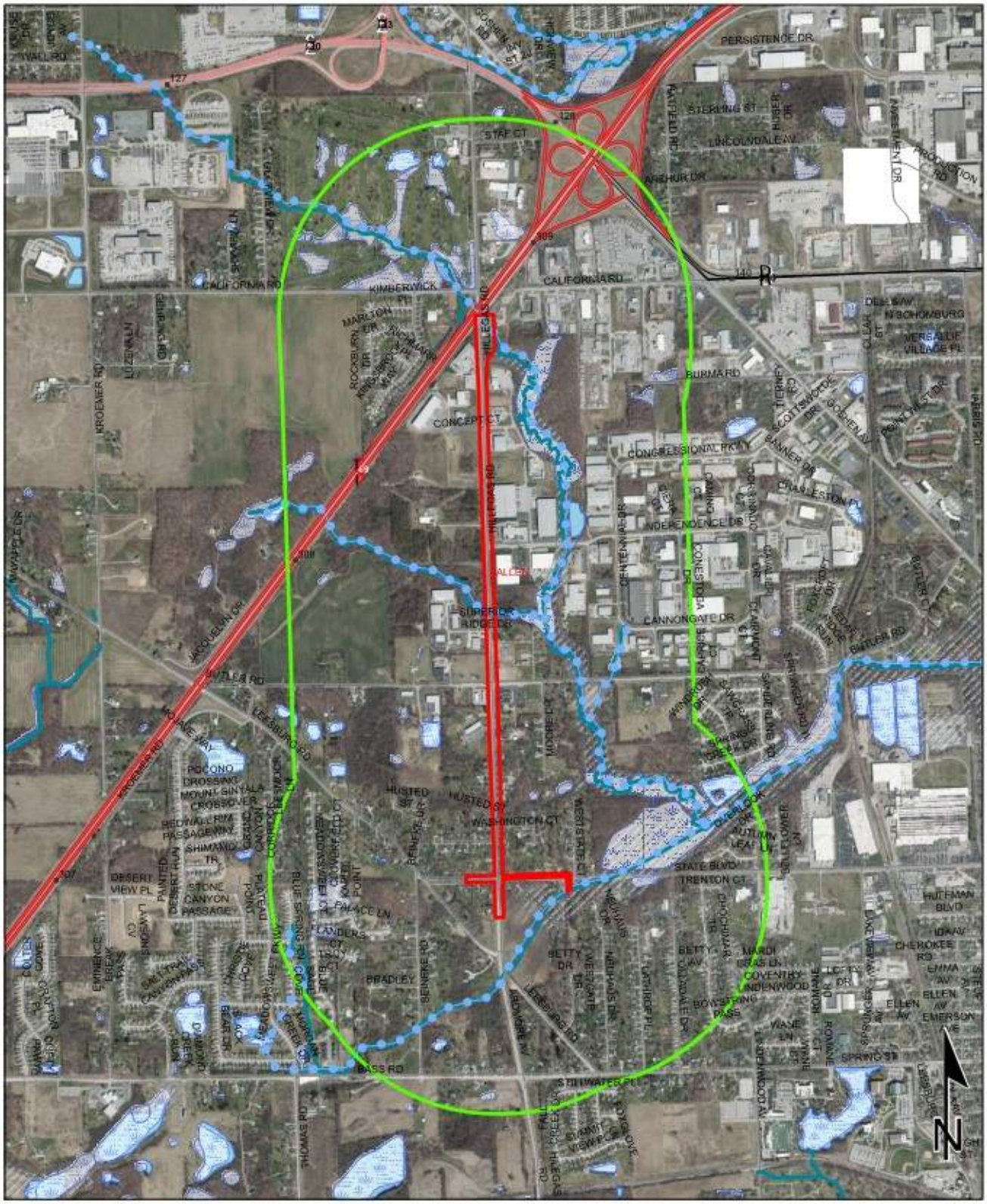
Sources:
Non Orthophotography Data - Obtained from the State of Indiana Geographical Information Office Library
Orthophotography - Obtained from Indiana Map Framework Data (www.indianamap.org)
Map Projection: UTM Zone 16 N Map Datum: NAD83

0.3 0.15 0 0.3 Miles

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

FORT WAYNE WEST
QUADRANGLE
INDIANA
7.5 MINUTE SERIES
(TOPOGRAPHIC)

Red Flag Investigation - Water Resources
Hillegas Road from State Boulevard to Coliseum Boulevard
DES #1901705, Road Widening
Allen County, Indiana (City of Fort Wayne)



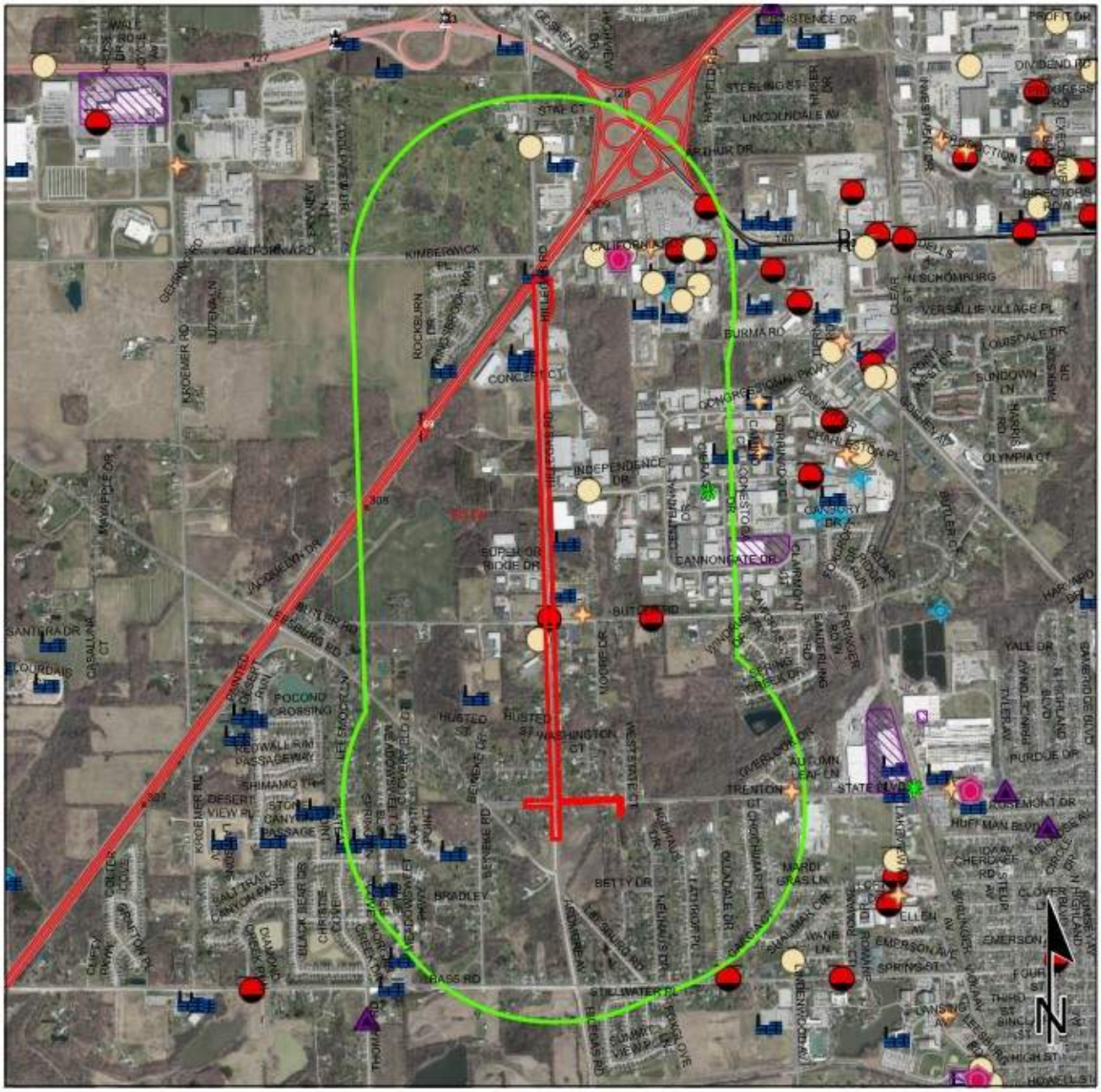
0.3 0.15 0 0.3 Miles

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

Red Flag Investigation - HazMat Concerns
Hillegas Road from State Boulevard to Coliseum Boulevard
DES #1901705, Road Widening
Allen County, Indiana (City of Fort Wayne)



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

0.35 0.17 0 0.35 Miles

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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

Northeastern Indiana Regional Coordinating Council

200 East Berry Street
Suite 230
Fort Wayne, Indiana 46802
(260) 449-7309 / FAX: (260) 449-8652

Daniel S. Avery,
Executive Director

Date: October 27, 2022

To: City of Fort Wayne
Patrick Zaharako
City Engineer
200 East Berry Street, Suite 210
Fort Wayne, IN 46802

From: Stacey Gorsuch
Northeastern Indiana Regional Coordinating Council
200 East Berry Street, Suite 230
Fort Wayne, IN 46802
Stacey.gorsuch@co.allen.in.us

Re: RED FLAG INVESTIGATION
DES #1901705, Local Project
Added Travel Lanes
Hillegas Road from State Blvd to Coliseum Blvd
Fort Wayne, Allen County, Indiana

PROJECT DESCRIPTION

Brief Description of Project:

This project is on Hillegas Road, with the beginning of the RFI at California Road to (south of) Leesburg Road. The construction of this project will be from Coliseum Boulevard to State Boulevard. The project will add travel lanes that include curb and gutter on both sides with an underground storm sewer system to address drainage on the roadway. The roadway will consist of four (4) eleven (11) foot travel lanes, with left turn lanes at intersections as needed. A ten (10) foot trail on the east side and a five (5) foot sidewalk on the west side of the roadway is proposed. There will be a six (6) foot grass buffer between trail/sidewalk and curb line. In addition to the trails and sidewalks, curb ramps will be installed at all intersections.

Bridge and/or Culvert Project: Yes* ☒ No ☐ Structure # _____

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

*There is a small culvert at the Sargent Drain. It may need to be replaced, this will be determined during preliminary engineering. There is no Structure # for this culvert as it is likely smaller than 48".

Proposed right of way: Temporary ☒ # Acres 7.5 Permanent ☒ # Acres 4.2

Right of way will be needed, most likely both temporary and permanent. It is anticipated that right of way will be 100 feet, but an exact amount is not known at this time.

Type of excavation: Storm sewer, pavement widening, and small structure with a maximum depth of 10 feet.

Maintenance of traffic: Yes, there will be maintenance of traffic, multi-phased.

Work in waterway: Yes ☒ No ☐ Above ordinary high water mark: Yes ☒ No ☐

State Project: ☐ LPA: ☒

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	**1**	Recreational Facilities	**1**
Airports[1]	**1**	Pipelines	N/A
Cemeteries	N/A	Railroads	N/A
Hospitals	N/A	Trails	3
Schools	N/A	Managed Lands	N/A

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

Explanation:

Religious Facilities: One (1) religious facility is located within the 0.5 mile radius. Three Rivers Wesleyan Church, located at 2825 Hillegas Rd, is adjacent to the west side of the project area 0.05 miles south of Butler Road. Coordination with Three Rivers Wesleyan Church will occur.

Airports: Although not located within the 0.5 mile search radius, one (1) public airport, Smith Field Airport, is located within 3.8 miles (20,000 feet) of the project area. The public-use airport is located approximately 2.35 miles northeast of the project area; therefore, early coordination with INDOT Aviation will occur.

Recreational Facilities: One (1) recreational facility is located within the 0.5 mile radius. The closest recreational facility, Coyote Creek Golf Course (listed in GIS as Ft. Wayne Elks Lodge 155 Golf Course), is approximately 0.08 miles north of the project area. No impact is expected.

Trails: Three (3) potential trails are located within the 0.5 mile search radius. One (1) potential trail is located adjacent to or within the project area. This trail segment is located on the east side of Hillegas Road from Coliseum Boulevard to State Boulevard. Coordination with City of Fort Wayne Public Works and City of Fort Wayne Greenways Manager 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	N/A	Canal Routes - Historic	N/A
Karst Springs	N/A	NWI - Wetlands	**43**
Canal Structures – Historic	N/A	Lakes	**7**
NPS NRI Listed	N/A	Floodplain - DFIRM	**22**
NWI-Lines	**5**	Cave Entrance Density	N/A
IDEM 303d Listed Streams and Lakes (Impaired)	**4**	Sinkhole Areas	N/A
Rivers and Streams	**9**	Sinking-Stream Basins	N/A

Explanation:

NWI-Lines: Five (5) NWI-Lines are located within the 0.5 mile search radius. One (1) NWI-Line intersects the project approximately 0.08 miles north of Clearview Dr. A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur.

IDEM 303d Listed Streams and Lakes (Impaired): Four (4) impaired streams are located within the 0.5 mile search radius. Two (2) impaired streams intersect the project.

- Natural Drain #6, an unnamed tributary of Spy Run Creek, intersects the project area approximately 0.04 miles north of Coliseum Blvd. It is listed as impaired for Ecoli and IBC.
    - Concerning Impaired Biotic Communities (IBC), Best Management Practices (BMPs) will be used to avoid further degradation to the stream.
    - Concerning Ecoli, workers who are working in or near water with E. coli should take care to wear appropriate PPE, observe proper hygiene procedures, including regular hand washing, and limit personal exposure.
- Prange Drain, a tributary of Spy Run Creek, intersects the project area approximately 0.08 miles north of Clearview Dr. It is listed as impaired for Ecoli and IBC.
    - Concerning Impaired Biotic Communities (IBC), Best Management Practices (BMPs) will be used to avoid further degradation to the stream.
    - Concerning Ecoli, workers who are working in or near water with E. coli should take care to wear appropriate PPE, observe proper hygiene procedures, including regular hand washing, and limit personal exposure.

Rivers and Streams: Nine (9) river/stream segments are located within the 0.5 mile search radius. Three (3) river/stream segments intersect the project area. A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur.

- Natural Drain #6, an unnamed tributary of Spy Run Creek, intersects the project approximately 0.04 miles north of Coliseum Blvd.
- Prange Drain, a tributary of Spy Run Creek, intersects the project approximately 0.08 miles north of Clearview Dr.
- Sargent Drain intersects the project area approximately 0.18 miles north of State Blvd.

NWI – Wetlands: Forty-three (43) wetlands are located within the 0.5 mile search radius. One (1) potential wetland is located adjacent to the project area approximately 540' north of Superior Ridge Dr on the east side of Hillegas Rd. It is a newly constructed drainage basin that could be a potential wetland. A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur.

Lakes: Seven (7) lakes are located within the 0.5 mile search radius. The closest lake is located approximately 0.18 miles east of the project area. No impact is expected.

Floodplain – DFIRM: Twenty-two (22) floodplain polygons are located within the 0.5 mile search radius. Two (2) are located adjacent to or within the project area. Coordination with the appropriate agency, if applicable, will occur.

- One is associated with Natural Drain #6, an unnamed tributary of Spy Run Creek that intersects the project approximately 0.04 miles north of Coliseum Blvd. The floodplain polygon intersects the project area 0.03 miles east of the intersection of Coliseum Blvd and Hillegas Rd.
- One is associated with Prange Drain, a tributary of Spy Run Creek, which intersects the project approximately 0.08 miles north of Clearview Dr.

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	N/A	Mineral Resources	N/A
Mines – Surface	N/A	Mines – Underground	N/A

Explanation:

No mining or mineral items were found within the 0.5 mile search radius. No impacted is expected.

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	**2**	Open Dump Waste Sites	N/A
RCRA Corrective Action Sites	N/A	Restricted Waste Sites	N/A
State Cleanup Sites	N/A	Waste Transfer Stations	N/A
Septage Waste Sites	N/A	Tire Waste Sites	N/A
Underground Storage Tank (UST) Sites	**10**	Confined Feeding Operations (CFO)	N/A
Voluntary Remediation Program	**2**	Brownfields	**1**
Construction Demolition Waste	N/A	Institutional Controls	**2**
Solid Waste Landfill	N/A	NPDES Facilities	**10**
Infectious/Medical Waste Sites	N/A	NPDES Pipe Locations	**1**
Leaking Underground Storage (LUST) Sites	**5**	Notice of Contamination Sites	N/A

Explanation:

RCRA Generator/ TSD Sites: Two (2) RCRA Generator/ TSDs are located within the 0.5 mile search radius. One (1) RCRA Generator/ TSD is located 0.06 miles east of the project area. Fort Wayne Public Television Incorporated located at 3632 Butler Rd has property adjacent to the project. It has an Agency Interest ID 109. In April 28, 2003, IDEM indicated that an EPA ID Number was no longer needed for this site. No impact is expected.

Underground Storage Tank (UST) Sites: Ten (10) USTs are located within the 0.5 mile search radius. Two (2) USTs are located adjacent to the project area.

- One (1) UST site was located at Federal Express Corporation at 3620 Independence Dr approximately 160' east of Hillegas Rd's current centerline. The Agency Interest ID is 14940. The UST was closed in 2016. IDEM issued a No Further Action Approval Determination Pursuant to Remediation Closure Guide on July 26, 2017. No contaminant detections exceeded the residential direct contact levels for Soil. Vapor Intrusion did not exceed the vapor intrusion levels. Lead exceeded the tap water screening level at 596 ug/L in the ground water within the former tank basin. All of the source was removed and the residual lead contamination in the ground water was limited to the former UST basin. The residual contamination is located in a shallow, low-conductivity zone that is unlikely to be used for a drinking water source. The closure is unconditional for soil, groundwater, and vapor intrusion exposures. No impact is expected.
- One (1) of the USTs is located at Phil's #11 at 3005 Hillegas Rd, AI ID 109723. IDEM conducted a UST inspection on January 23, 2019, 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. IDEM issued a Return to Compliance Letter on November 27, 2019. No impact is expected.

Voluntary Remediation Program: Two (2) Voluntary Remediation Program sites are located within the 0.5 mile search radius. The closest site is located approximately 0.20 miles east of the project area. No impact is expected.

Leaking Underground Storage (LUST) Sites: Five (5) LUST sites are located within the 0.5 mile search radius. One (1) LUST is located adjacent to the project area. The Fort Wayne Baptist Temple was once located at 3200 Hillegas Rd but no longer exists. The Agency Interest ID is 557. The LUST was removed in 1996. IDEM issued a No Further Action letter on August 7, 1997. No impact is expected. Valu Lodge (now Hoosier Inn Extended Stay), 3527 Coliseum Drive, AI ID #2287, is located 0.07 mile east-northeast of the project area. IDEM issued a No Further Action Approval Determination Pursuant to Remediation Closure Guide on April 7, 2014. The closure was unconditional for soil, groundwater, and vapor intrusion exposures. No impact is expected.

Brownfields: One (1) Brownfield site is located within the 0.5 mile search radius. The closest site is mapped approximately 0.43 miles east of the project area; however, it is located 0.50 mile east of the project area. No impact is expected.

Institutional Controls: Two (2) Institutional Control sites are located within the 0.5 mile search radius. The closest site is located approximately 0.48 miles east of the project area. No impact is expected.

NPDES Facilities: Ten (10) NPDES Facilities are located within the 0.5 mile search radius. Three (3) NPDES Facilities are located adjacent to the project area.

- Hillegas Road Over I-69 - Bridge Rehabilitation, permit number INR10N917 is located at the north end of the project. The permit was issued on 5/20/2017 and expired on 5/19/2022. No impact is expected.
- Hull Lift Truck, at 3780 Hillegas Rd, permit number INR10P183 is located adjacent to the north end of the project. The permit was issued on 6/30/2017 and expired 6/29/2022. No impact is expected.
- New Building and Site for Evapar, at 3810 Hillegas Rd, permit number INR10H477 is located adjacent to the north end of the project. The permit was issued on 10/25/2013 and expired on 10/24/2018. No impact is expected.

NPDES Pipe Locations: One (1) NPDES Pipe location is located within the 0.5 mile search radius. The closest site is located approximately 0.32 miles east of the project area. No impact is expected.

ECOLOGICAL INFORMATION SUMMARY

The Allen County listing of the Indiana Natural Heritage Data Center information on endangered, threatened, or rare (ETR) species and high quality natural communities is provided at https://www.in.gov/dnr/nature-preserves/files/np_allen.pdf. A preliminary review of the Indiana Natural Heritage Database did not indicate the presence of ETR species within the 0.5 mile search radius. Coordination with USFWS and IDNR will occur.

A review of the USFWS database (by INDOT Fort Wayne District dated 2/25/2022) did not indicate the presence of endangered bat species in or within 0.5 miles of the project area. The range-wide programmatic consultation for the Indiana Bat and Northern Long-eared Bat shall be completed according to the most recent "Using the USFWS's 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:

INFRASTRUCTURE:

- Religious Facilities: Three Rivers Wesleyan Church, 2825 Hillegas Road, is adjacent to the west side of the project area 0.05 mile south of Butler Road. Coordination with Three Rivers Wesleyan Church will occur.
- Airport: One (1) public-use airport, Smith Field Airport, is located 2.35 miles northeast of the project area. Coordination with INDOT Aviation will occur.
- Trails: One (1) potential trail is part of this project and is located adjacent to the project area. Coordination with City of Fort Wayne Public Works and City of Fort Wayne Greenways Manager will occur.

WATER RESOURCES:

- NWI-Line: One (1) NWI-Line intersects the project approximately 0.08 miles north of Clearview Dr. A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur.
- IDEM 303d Listed Streams and Lakes (Impaired): Two (2) IDEM 303d Listed Streams and Lakes (Impaired) intersect the project. Natural Drain #6, an unnamed tributary of Spy Run Creek, intersects the project approximately 0.04 miles north of Coliseum Blvd., and Prange Drain, a tributary of Spy Run Creek, intersects the project approximately 0.08 miles north of Clearview Dr. Both streams are listed as impaired for E. coli and IBC.
    - Concerning IBC, BMPs will be used to avoid further degradation to the stream.
    - Concerning E. coli, workers who are working in or near water with E. coli should take care to wear appropriate PPE, observe proper hygiene procedures, including regular hand washing, and limit personal exposure.
- Rivers and Streams: Three (3) river/stream features intersect the project area. A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur.
    - Natural Drain #6, an unnamed tributary of Spy Run Creek, intersects the project approximately 0.04 miles north of Coliseum Blvd.
    - Prange Drain, a tributary of Spy Run Creek, intersects the project approximately 0.08 miles north of Clearview Dr.
    - Sargent Drain intersects the project area approximately 0.18 miles north of State Blvd.
- NWI – Wetland: One (1) potential NWI – Wetland is located adjacent to the project area. A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur.
- Floodplain – DFIRM: Two (2) floodplain polygons intersect the project area. Coordination with the appropriate agency, if applicable, will occur.
    - One floodplain is associated with Natural Drain #6, an unnamed tributary of Spy Run Creek that intersects the project approximately 0.04 miles north of Coliseum Blvd. The floodplain polygon intersects the project area 0.03 miles east of the intersection of Coliseum Blvd and Hillegas Rd.
    - One floodplain is associated with Prange Drain, a tributary of Spy Run Creek, and intersects the project area approximately 0.08 miles north of Clearview Dr.

MINING/MINERAL EXPLORATION: N/A

HAZARDOUS MATERIAL CONCERNS: N/A

ECOLOGICAL INFORMATION:

- Coordination with the Indiana Department of Natural Resources (IDNR) and the U.S. Fish and Wildlife Service (USFWS) will occur.
- A review of the USFWS database (by INDOT Fort Wayne District dated 2/25/2022) did not indicate the presence of endangered bat species in or within 0.5 miles of the project area. The range-wide programmatic consultation for the Indiana Bat and Northern Long-eared Bat shall be completed according to the most recent "Using the USFWS's IPaC System for Listed Bat Consultation for INDOT Projects".

Prepared by:
Stacey Gorsuch
Principal Transportation Planner
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Fort Wayne, IN 46802
260-449-7309
stacey.gorsuch@co.allen.in.us
nircc.com

INDOT SAM Concurrence: Nicole Fohey-Breting Digitally signed by Nicole Fohey-Breting Date: 2022.11.04 08:16:02 -04'00'

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.

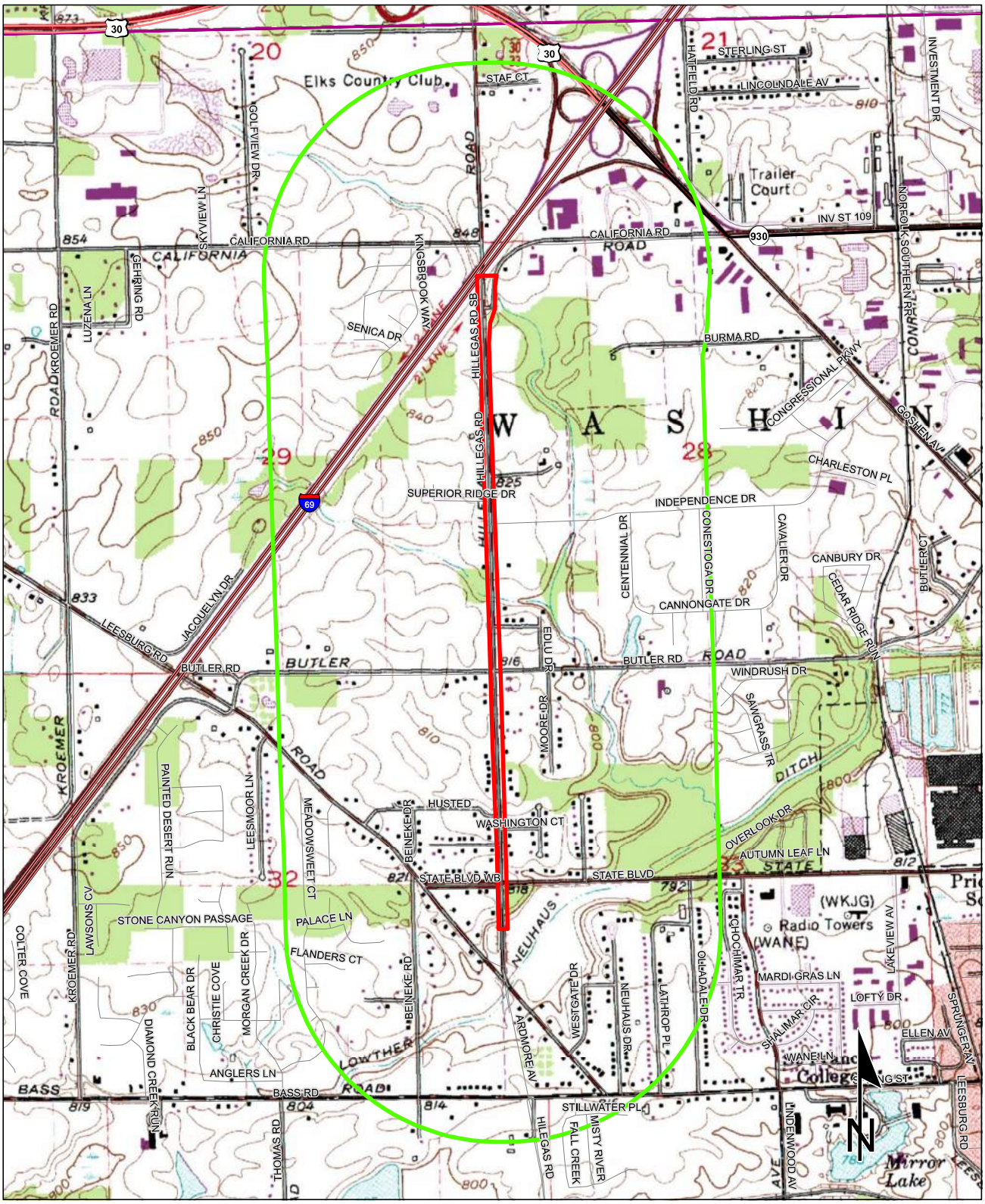
SITE LOCATION: YES

INFRASTRUCTURE: YES

WATER RESOURCES: YES

HAZARDOUS MATERIAL CONCERNS: YES

Red Flag Investigation - Site Location
Hillegas Road from State Blvd to Coliseum Blvd
DES 1901705 Added Travel Lanes
City of Fort Wayne, Allen County, Indiana



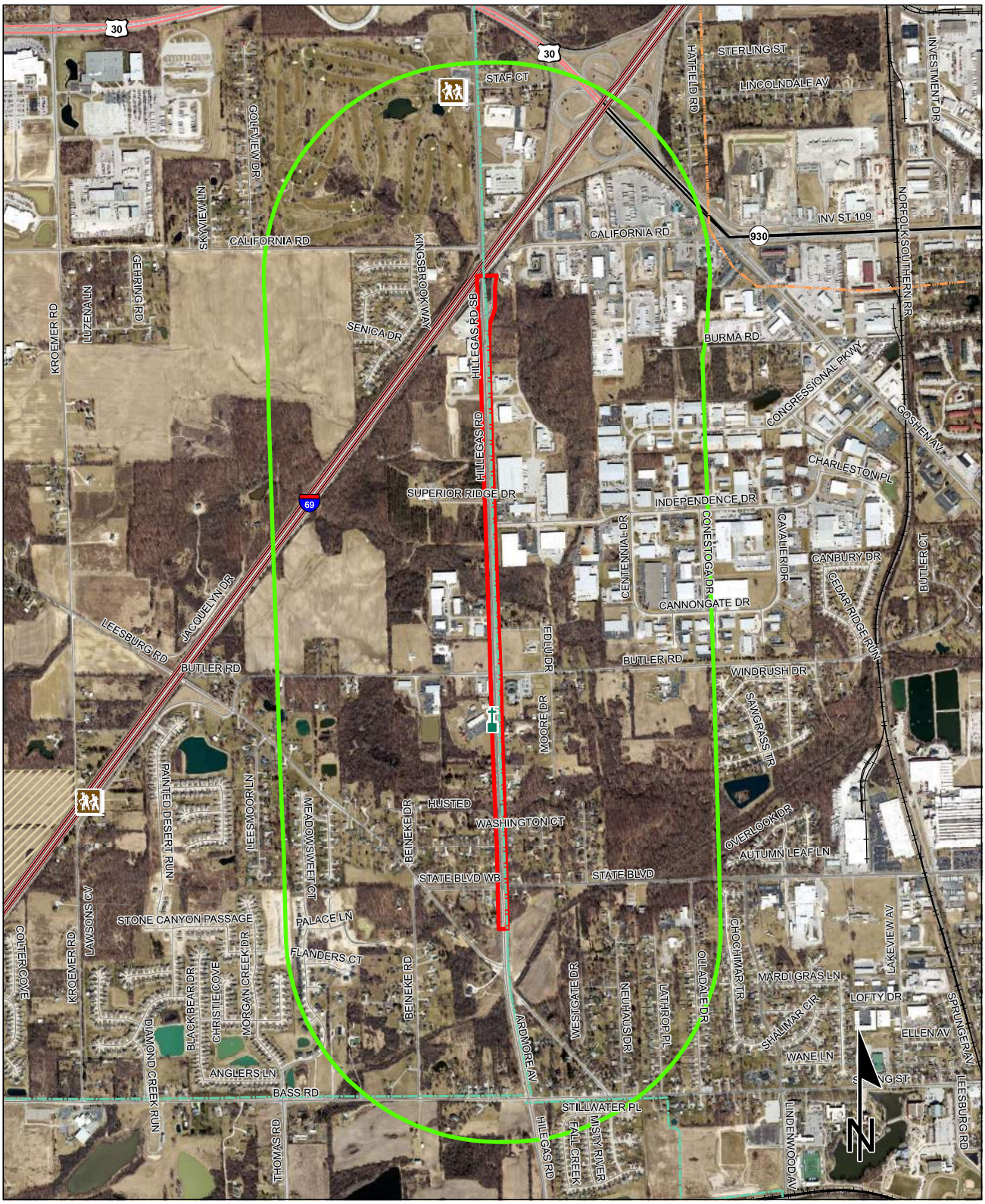
0.25 0.125 0 0.25 Miles

Sources:
Non Orthophotography
Data - Obtained from the State of Indiana Geographical Information Office Library, Allen County iMap, and the Northeastern Indiana Regional Coordinating Council

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FORT WAYNE WEST
QUADRANGLE
INDIANA
7.5 MINUTE SERIES
(TOPOGRAPHIC)

Red Flag Investigation - Infrastructure
Hillegas Road from State Blvd to Coliseum Blvd
DES 1901705 Added Travel Lanes
City of Fort Wayne, Allen County, Indiana



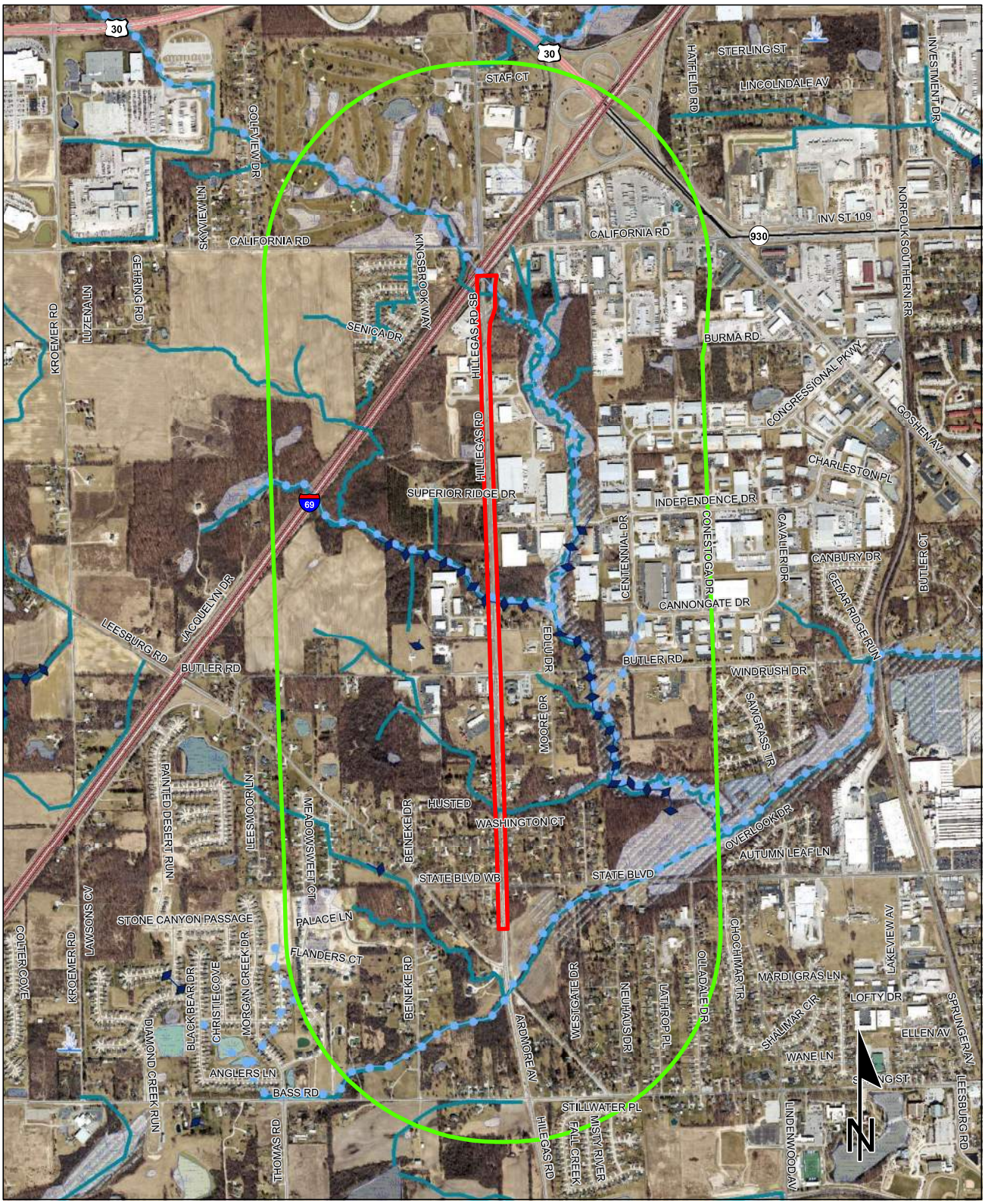
0.25 0.125 0 0.25 Miles

Sources:
Non Orthophotography
Data - Obtained from the State of Indiana Geographical Information Office Library, Allen County iMap, and the Northeastern Indiana Regional Coordinating Council
Orthophotography - (2018) Obtained from Allen County iMap

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

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

Red Flag Investigation - Water Resources
Hillegas Road from State Blvd to Coliseum Blvd
DES 1901705 Added Travel Lanes
City of Fort Wayne, Allen County, Indiana



0.25 0.125 0 0.25 Miles

Sources:

Non Orthophotography

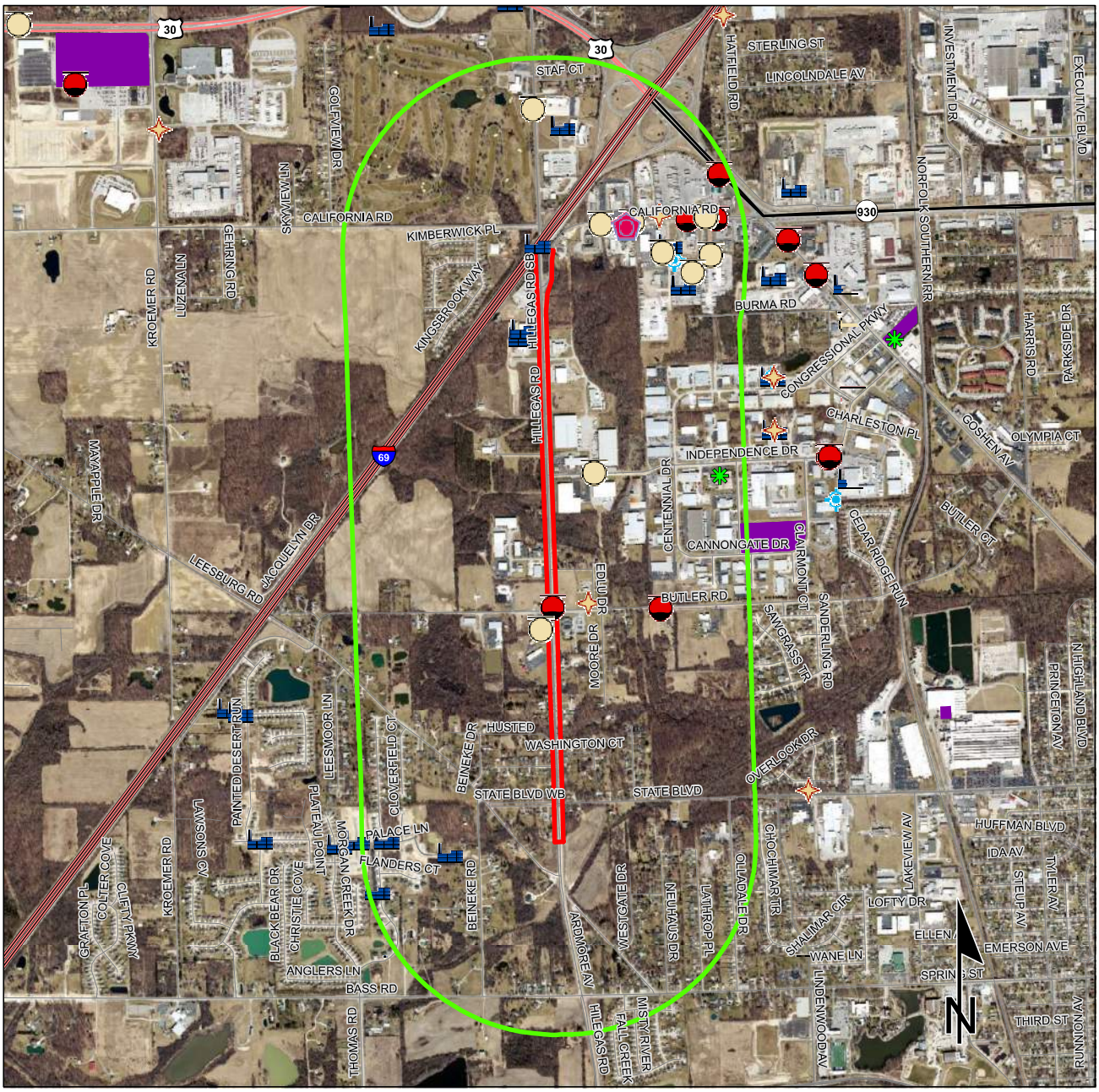
Data - Obtained from the State of Indiana Geographical Information Office Library, Allen County iMap, and the Northeastern Indiana Regional Coordinating Council

Orthophotography - (2018) Obtained from Allen County iMap

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

Red Flag Investigation - Hazardous Locations
Hillegas Road from State Blvd to Coliseum Blvd
DES 1901705 Added Travel Lanes
City of Fort Wayne, Allen County, Indiana



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

0.4 0.2 0 0.4 Miles

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

Sources:

Non Orthophotography

Data - Obtained from the State of Indiana Geographical Information Office Library, Allen County iMap, and the Northeastern Indiana Regional Coordinating Council

Orthophotography - (2018) Obtained from Allen County iMap

Appendix F

Water Resources

Item	Appendix Page
WOTUS Report	F1 to F23

Waters of the U.S. Determination

Hillegas Road, from Coliseum Blvd. to State Blvd.
Added Travel Lane Project & Storm Sewer Outfall
Des. No.: 1901705
Allen County, Indiana

Site Investigation: May 15, 2024

Report Completed: September 17, 2024

Author:

Shawn Slaymon
GAI Consultants, Inc.
Project Environmental Specialist
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Prepared by: GAI Consultants, Inc.
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116 E. Berry Street, Suite 935,
Fort Wayne, IN 46802

Prepared for: City of Fort Wayne
Citizens Square, Suite 280 210 East Berry Street
Fort Wayne, Indiana 46802

Introduction

The City of Fort Wayne and Federal Highway Administration (FHWA) intend to proceed with an added travel lane project on Hillegas Road in Allen County, Indiana. (Figure 1). This project is located on Hillegas Road, from Coliseum Boulevard to State Boulevard in Sections 28, 29, 32 & 33 of Township 31 North, Range 12 East, as shown on the Fort Wayne West USGS 7.5 Minute Topographic Map.

- Coordinates: 41.115913°, -85.192315°

The purpose of this project is to increase travel capacity and improve pedestrian facilities for this section of Hillegas Road, from Coliseum Boulevard to State Boulevard. In addition, a trail will be added on the east side of the roadway, a sidewalk will be installed on the west side of the roadway, ADA compliant curb ramps will be added at all intersections, and an underground storm sewer system will be installed to address drainage on the roadway pavement.

The investigated area was determined in the field by GAI based on likely work areas and impacts to regulated Waters of the U.S. as a result of construction activities. This report describes the methods and results of the environmental field survey.

Methods

Wetland delineations were conducted in accordance with the 1987 United States Army Corps of Engineers (USACE) *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory, 1987) and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region (Version 2.0)* (USACE, 2012). Wetlands were classified using the *Classification of Wetlands and Deepwater Habitats of the United States* (Cowardin et al., 1979). Classification of the indicator status of vegetation is based on *The National Wetland Plant List:* 2016 wetland ratings (Lichvar et al. 2016).

Desktop Review

The investigated area topography is mostly flat, with elevations ranging from 800 to 845 ft. Drainage patterns were identified via topographic elevation contours to drain towards the unnamed tributaries (UNT) and Lowther Neuhaus Ditch within the investigated area. The investigated area is within the Auburn Morainal Complex physiographic region of the Northern Moraine and Lake Region (Indiana Geological Survey, 2000).

Land use in the adjacent to the investigated is primarily urban, including residential and commercial.

National Wetland Inventory (NWI)

The United States Fish and Wildlife Services' (USFWS) NWI Wetlands Mapper was reviewed for potential wetland locations. The NWI data of the area (Figure 4) identified three wetlands within the investigated area. One mapped wetland passes through the investigated area and is classified as an R4SBC wetland. This wetland is confined to the channel of UNT 2. One mapped wetlands passes the investigated area and is classified as an

National Hydrography Dataset (NHD)

NHD represents the water drainage network surface water component on the USGS topographic maps. Six NHD flowlines are within the investigated area.

The NHD flowline at the northern end of the investigated areas (top of Figure 4, Map #1) is listed as having an average annual flow of 0-5000 cubic feet per second (cfs) and is not listed as an ephemeral or intermittent stream.

The NHD flowline north of Butler Road (bottom of Figure 4, Map #1) of the investigated areas is listed as an ephemeral or intermittent stream.

The yellow NHD flowline at the Butler Road intersection (top of Figure 4, Map #2) is listed as a pipeline and not listed as an ephemeral or intermittent stream.

The NHD line within the southern portion of the investigated area (center of Figure 4, Map #2) is listed as a pipeline under the roadway. To the east of the investigated area, it is listed as having an average annual flow of 0-5000 cubic feet per second (cfs) and is not listed as an ephemeral or intermittent stream.

The NHD line crossing State Street at the southern end of the investigated area (bottom of Figure 4, Map #2) is listed as having an average annual flow of 0-5000 cubic feet per second (cfs) and is not listed as an ephemeral or intermittent stream.

The yellow NHD flowline at southern end of the investigated area south of State Street on the eastern side of the roadway (bottom of Figure 4, Map #2) is listed as a pipeline and not listed as an ephemeral or intermittent stream.

Watersheds

The investigated area is in the Western Lake Erie sub-region, of the Great Lakes region, 12 digit hydrologic unit code (HUC12) 041000040606 Sly Run Creek (Figure 8).

Natural Resources Conservation Service (NRCS) Soil Survey

The NRCS Soil Survey of Elkhart County identified eight soil series within the investigated area (Figure 5, Table 1). The soil hydric rating is listed as unranked.

Table 1. NRCS Soil Survey Area of Interest Results

Map Unit Name (Map Symbol)	Drainage Properties	Hydrology	Hydric Status
Blount loam, Interlobate Moraines, 0 to 2 percent slopes (BmA)	Somewhat Poorly Drained	No Ponding, No Flooding	Yes (0-32%)
Blount loam, interlobate moraines, 1 to 4 percent slopes (BmB2)	Somewhat Poorly Drained	No Ponding, Frequent Flooding	Yes (1-32%)
Eel silt loam, 0 to 2 percent slopes (Es)	Moderately Well Drained	No Ponding, Frequent Flooding	Yes (1-32%)
Lenawee silty clay loam (Ls)	Poorly Drained	No Ponding, No Flooding	Yes (100%)
Glynwood silt loam, 2 to 6 percent slopes (MrB)	Moderately Well Drained	No Ponding, No Flooding	Yes (1-32%)
Glynwood silt loam, 2 to 6 percent slopes, eroded (MrB2)	Moderately Well Drained	No Ponding, No Flooding	Yes (1 to 32%)
Morley silt loam, 6 to 12 percent slopes, eroded (MrC2)	Moderately Well Drained	No Ponding, No Flooding	Yes (1 to 32%)
Pewamo silty clay loam, 0 to 1 percent slopes (Pe)	Very Poorly Drained	Frequent Ponding, No Flooding	Yes (66-99%)

Floodway

An Indiana Department of Natural Resources (IDNR) Approximate Floodway is located in the investigated area along the southern portion of State Street. Lowther Neuhaus Ditch has a regulated floodway. The base flood elevation is 787.7 feed (NAVD88) (Figure 6, Map #3).

Field Reconnaissance

GAI Consultants, Inc. (GAI), on behalf of the City of Fort Wayne conducted waterbody investigations of the investigated area on August 26, 2020 & May 15, 2024. GAI identified the approximate boundaries of waterbodies located within the investigated area.

Four likely jurisdictional streams were identified within the investigated area. Multiple roadside ditches were identified within the investigated area (Figure 9).

Streams

Detailed descriptions of the delineated streams and other waterbodies are discussed below. Stream features and other waterbodies are described by morphological characteristics, flow regime, substrate, jurisdictional connection and significant nexus determination. Waterbodies identified within the investigated area are represented in Table 2.

UNT 1 (approximately 77 feet onsite)

UNT 1 is perennial, USGS Blue Line stream that flows northwest to southeast through the project area. UNT 1 is a manmade ditch that does not have a mapped upland drainage area. UNT 1 is a channelized stream, with artificial banks and a substrate comprised primarily of riprap and silt, and has a defined bed, bank, and ordinary high water mark (OHWM). The OHWM at the structure is 2 ft. wide and 2 ft. deep. The stream has a narrow riparian zone on the west side of Hillegas Road that consists of white ash (*Fraxinus Americana*, FACU), Queen Anne's lace (*Daucus carota*, UPL), wild teasel, *Dipsacus fullonum,* FACU), and common evening-primrose (*Oenothera biennis*, FACU). The riparian zone on the east side of Hillegas Road consists primarily of maintained lawn (Kentucky bluegrass, *Poa pratensis*, FAC). No sinuosity was present within the investigated area. The quality of the stream would be considered poor due to the lack of in stream habitat and bank diversity. UNT 1 would likely receive a QHEI score of 20-30 due to the above mentioned factors. UNT 1 connects to Lowther Neuhaus Ditch, which drains to Spy Run Creek, which drains to the St. Mary's River, a relatively permanent water (RPW), and tributary of the Maumee River, a traditional navigable water (TNW), therefore, would likely be considered a Waters of the U.S.

Prange Drain/UNT 2 (approximately 94 feet onsite)

Prange Draine/UNT 2 is a perennial, USGS Dashed Blue Line stream that flows west to east through the project area and has an upstream drainage area of 0.557 square miles. UNT 2 is a channelized stream with a silt substrate that has a defined bed, bank and OHWM. The OHWM at the structure is 12 ft. wide and 1 ft. deep. The riparian zone is forested on both sides of the structure and exhibited habitat diversity with vegetation that consisted of green ash (*Fraxinus pennsylvanica,* FACW), silver maple (*Acer saccharinum,* FACW), sugar maple (*Acer saccharum,* FACU), hackberry (*Celtis occidentalis,* FAC), American elm (*Ulmus americana,* FACW), red oak (*Quercus rubra,* FACU), amur honeysuckle (*Lonicera maackii,* UPL), may apple (*Podophyllum peltatum,* FACU), Virginia creeper (*Parthenocissus quinquefolia,* FACU), false solomans-seal (*Maianthemum racemosum,* FACU), and reed canary grass (*Phalaris arundinacea,* FACW). The quality of the stream would be considered average due to the amount of instream cover and habitat diversity and the presence of riffle and run complexes. No sinuosity was present within the investigated area sampling reach. UNT 2 would likely receive a QHEI

score of 35-45 due to the above mentioned factors. UNT 2 connects to Lowther Neuhaus Ditch, which discharges into Spy Run Creek which connects to the St. Mary's River, a RPW, and tributary of the Maumee River, a TNW, therefore, would likely be considered a Waters of the U.S.

Sargent Ditch/UNT 3 (approximately 84 feet onsite)

Sargent Ditch, UNT 3 is an ephemeral stream that flows west to east through the project area and has an upstream drainage area of 0.223 square miles. UNT 3 has a defined bed, bank, and OHWM. The OHWM at the structure is 9 ft. wide by 0.5 ft. deep. The riparian zone is forested on both sides of the structure with surrounding vegetation that consists primarily of silver maple (*Acer saccharinum,* FACW), Eastern redbud (*Cercis canadensis,* FACU), American elm (*Ulmus americana,* FACW), Eastern cottonwood (*Populus deltoides,* FAC), hackberry (*Celtis occidentalis,* FAC), and amur honeysuckle (*Lonicera maackii,* UPL). The quality of the stream would be considered poor due to the high turbidity and low sinuosity present within the investigated area sampling reach. UNT 3 would likely receive a QHWI score of 20-30 due to the above mentioned factors. UNT 3 connects to Lowther Neuhaus Ditch, which discharges into Spy Run Creek which connects to the St. Mary's River, a RPW, and tributary of the Maumee River, a TNW, therefore, would likely be considered a Waters of the U.S.

Lowther Neuhaus Ditch

Lowther Neuhaus Ditch is a perennial, USGS Dashed Blue Line stream that flows southeast to northwest through the project area and has an upstream drainage area of 0.941 square miles. Lowther Neuhaus Ditch has a defined bed, bank, and OHWM. The OHWM at the investigated area of 8 feet wide by 6 inches deep. The riparian zone is forested on both sides of the stream with surrounding vegetation consisting of green ash (*Fraxinus pennsylvanica,* FACW), American elm (*Ulmus americana,* FACW), Eastern cottonwood (*Populus deltoides,* FAC), hackberry (*Celtis occidentalis,* FAC), amur honeysuckle (*Lonicera maackii,* UPL), Virginia creeper (*Parthenocissus quinquefolia,* FACU), spicebush (*Lindera benzoin,* FACW) as the majority of species. The quality of the stream would be considered average due to the amount of instream cover and habitat diversity and the presence of pool and run complexes. Little sinuosity was present within the investigated area sampling reach. Lowther Neuhaus Ditch would likely receive a QHEI score of 35-45 due to the above mentioned factors. Lowther Neuhaus Ditch which discharges into Spy Run Creek which connects to the St. Mary's River, a RPW, and tributary of the Maumee River, a TNW, therefore, would likely be considered a Waters of the U.S.

None of these waterways are State Waters Designated for Special Protection in Indiana, listed as Outstanding State Resource Waters, listed as salmonid waterways, or are not on the Indiana Department of Natural Resources Listing of State Natural and Scenic Rivers.

Wetlands

The United States Corps of Engineers (USACE) 1987 Wetland Delineation Manual and the 2012 Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region (Version 2.0) were used to determine whether wetlands were present within the survey area. Wetland/Non-wetland determinations were made using guidance and techniques provided by the Delineation Manual and Regional Supplement, including vegetation (National Wetland Plant List, Lichvar et al, 2016), hydrology, and soil characteristics. Sample points were taken in areas where potential wetland hydrology and/or hydrophytic vegetation were observed. The soils observed at each sample point location were compared to the hydric soil indicators presented in the Field Indicators of Hydric Soils in the United States.

No wetland features that met all three of the USACE wetland criteria were observed within the investigated area. However, multiple wetland indicators were located past the 50 foot investigated area boundary that were not delineated with this investigation.

Roadside Ditches and Other Drainages

All roadside ditches and other surface drainages within the investigated area were also evaluated for consideration as jurisdictional Waters of the U.S. with respect to the Clean Water Act Rule [40 CFR 230.3(3)(iii)]. Jurisdictional ditches must meet the definition of tributary, have an OHWM, and flow directly or indirectly through another water to a TNW. Likely jurisdictional ditches include ditches with perennial flow; ditches with intermittent flow that drain wetlands; or ditches, regardless of flow, that are excavated in or relocate a tributary. Jurisdictional wetlands may be present within or connected to another jurisdictional Waters of the U.S. in regard to significant nexus analysis through, non-jurisdictional ditches or surface drainages. The USGS National Hydrography Dataset was investigated for evidence of significant nexus and/or captured streams within and adjacent to the project area (Figure 4).

Roadside ditches were observed within the investigated area on the south sides of UNT 2 and UNT 3. Roadside ditches were observed along State Street on the north and south sides of the roadway. These drainage features would not be considered likely jurisdictional within the investigated area. These features were excavated in upland soils to convey upland drainage and had no defined bed and bank or flow regime to establish a Waters of the U.S. designation.

Open Water

No open water such as lakes or ponds were observed in the investigated area.

Conclusions

Stream investigations for the Hillegas Road Project were conducted on August 26, 2020 and May 15, 2024. Fout likely jurisdictional streams were identified within the investigated area.

These waterways are likely Waters of the U.S. Every effort should be taken to avoid and minimize impacts to the waterways. If impacts are necessary, then mitigation may be required. The final determination of jurisdictional waters is ultimately made by the U.S. Army Corps of Engineers. This report is our best judgment based on the guidelines set forth by the Corps.

Every effort should be taken to avoid and minimize impacts on the wetlands and streams. If impacts are necessary, then mitigation may be required. The INDOT Environmental Services Division should be contacted immediately if impacts will occur. The final determination of jurisdictional waters is ultimately made by USACE. This report is our best judgment based on the guidelines set forth by the Corps. The final determination of jurisdictional waters is ultimately made by USACE. This report is our best judgment based on the guidelines set forth by the Corps.

Acknowledgment

This waters determination has been prepared based on the best available information, interpreted in the light of the investigator's training, experience, and professional judgment in conformance with the 1987 *Corps of Engineers Wetland Delineation Manual*, the appropriate regional supplement, the USACE *Jurisdictional Determination Form Instructional Guidebook*, and other appropriate agency guidelines.

Table 2.

Waterbodies Identified within the Investigated Area

Feature Name	Photo No.	Latitude, Longitude	Type	OHWM Width (ft)	OHWM Depth (ft)	Length or Acres Within Investigated Area (ft)	USGS Blue-Line Stream	Riffles and Pools	Substrate	Quality	Waters of the U.S.
UNT 1	1-6	41.115913°, -85.192315°	Perennial	2	2	77	No	Yes	Riprap, Silt	Poor	Yes
Prange Drain/UNT 2	7, 8, 11,12,13	41.105544°, -85.192080°	Perennial	12	1	188	Yes	Yes	Silt	Average	Yes
Sargent Ditch/UNT 3	16-22	41.098300°, -85.192236°	Ephemeral	9	0.5	350	No	Yes	Silt	Poor	Yes
Lowther Neuhaus Ditch	23-41	41.095225°, -85.188533°	Perennial	8	0.5	100	Yes	Yes	Silt	Average	Yes

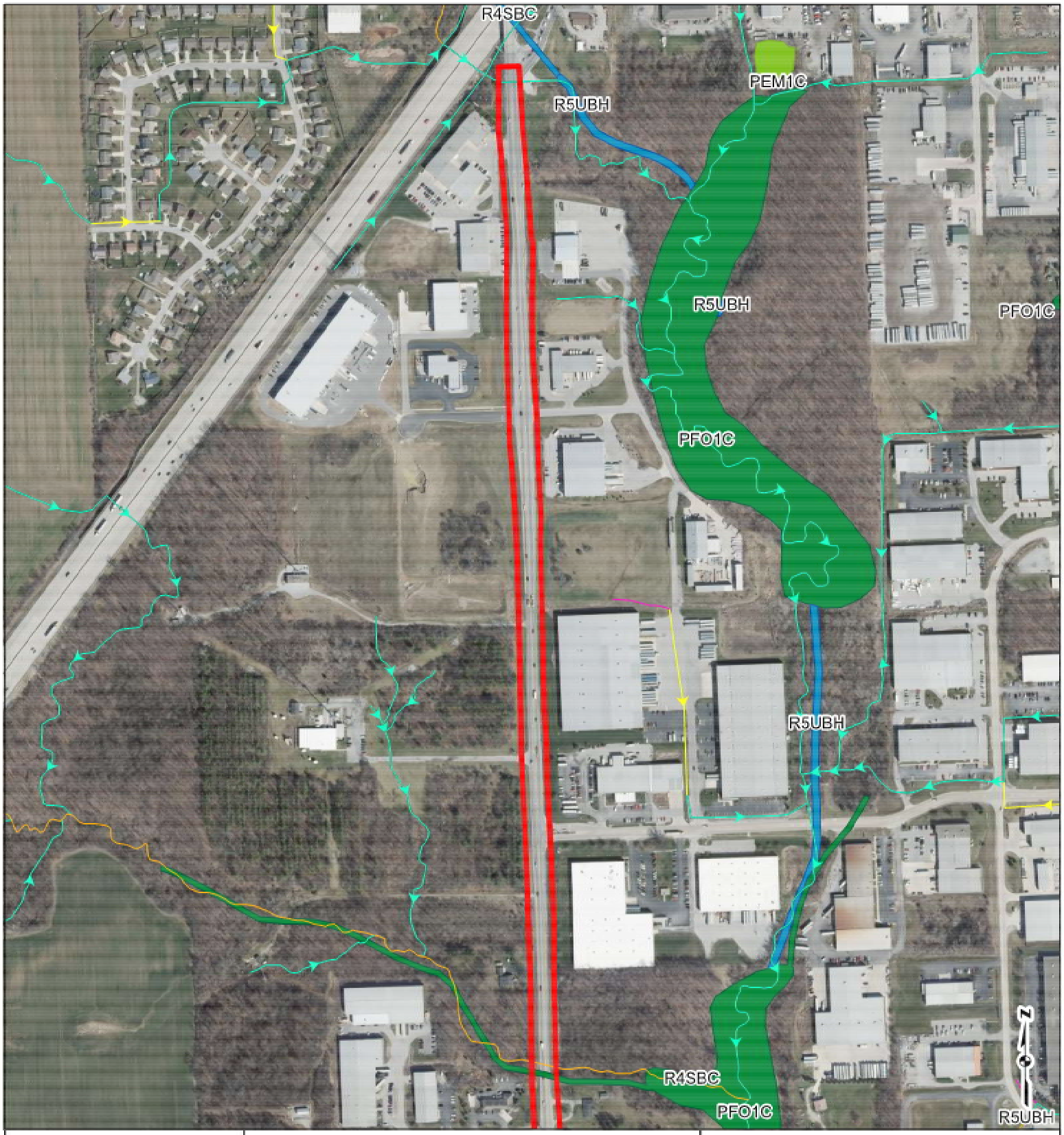


Shawn Slaymon
Project Environmental Specialist
September 17, 2024

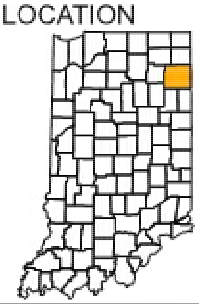
Attachments:

Some attachments have been removed to avoid duplication

~~Figure 1 State Location Map~~
~~Figure 2 USGS Topo Map~~
~~Figure 3 Aerial Location Map~~
Figure 4 NHD & NWI Wetlands Map
Figure 5 NRCS Soils Map
Figure 6 IDNR Floodplain Map
Figure 7 StreamStats Report
Figure 8 HUC Watershed Map
~~Figure 9 Photo Location Maps~~
~~Figure 10 Photographs~~
Figure 11 Preliminary Jurisdictional Determination Form



PROJECT LOCATION



ALLEN COUNTY, INDIANA

LEGEND

- Investigation Area
- Freshwater Emergent Wetland
- Freshwater Forested/ Shrub Wetland
- Riverine
- 0 - 5,000
- Ephemeral/Intermittent
- Non-Network
- Pipeline

0 300 700 1,000 Feet

NWI & NHD MAP #1
FIGURE 4

Hillegas Road
Added Travel Lanes
Des 1901705

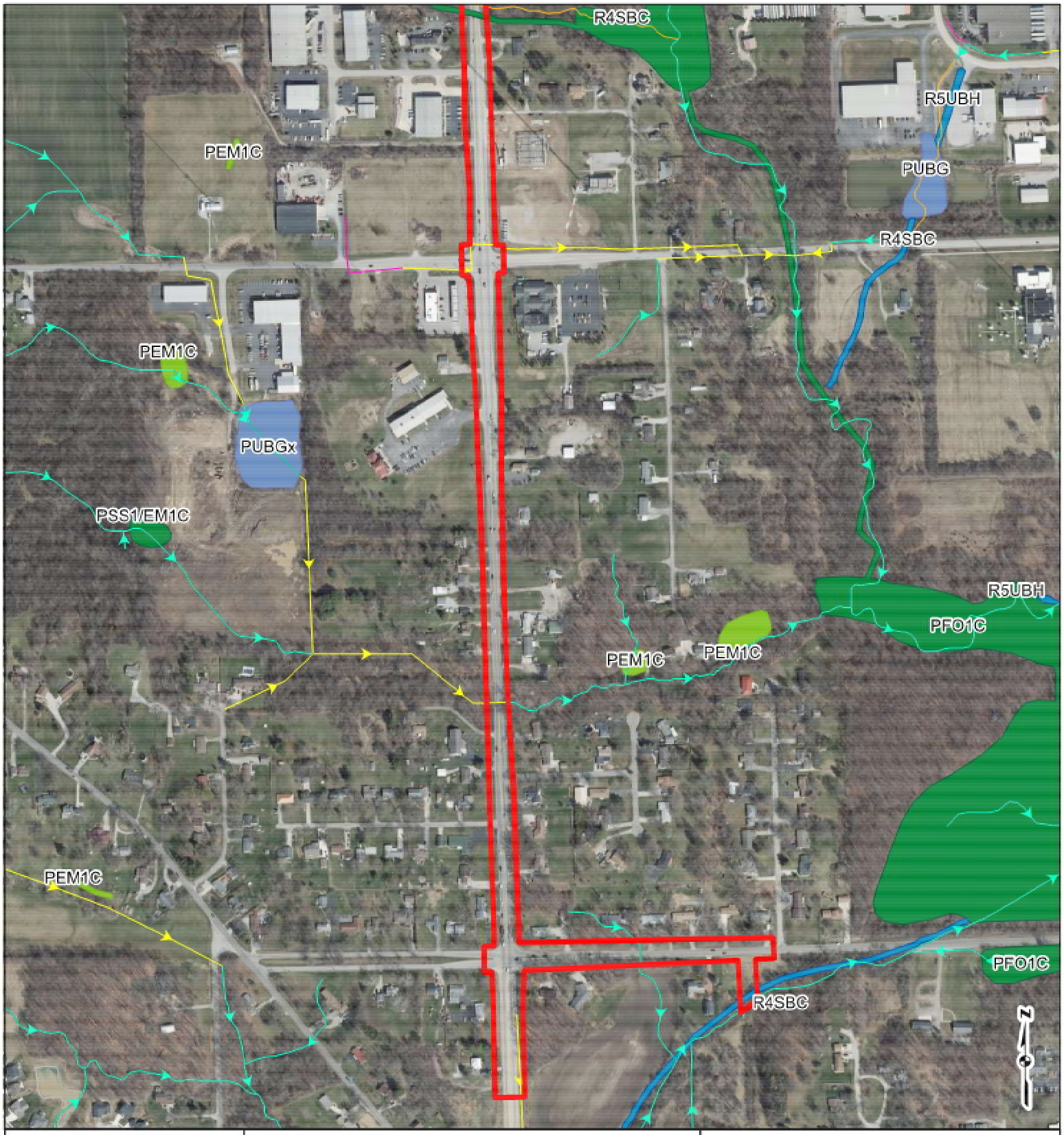
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CHECKED: BE APPROVED: JAS

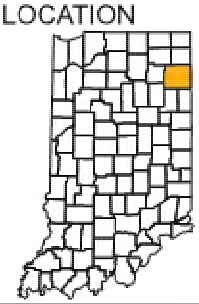
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gai consultants



PROJECT LOCATION



ALLEN COUNTY, INDIANA

LEGEND

- Investigation Area
- Freshwater Emergent Wetland
- Freshwater Forested/ Shrub Wetland
- Freshwater Pond
- Riverine
- 0 - 5,000
- Ephemeral/Intermittent
- Non-Network
- Pipeline

0 300 700 1,000 Feet

NWI & NHD MAP #2
FIGURE 4

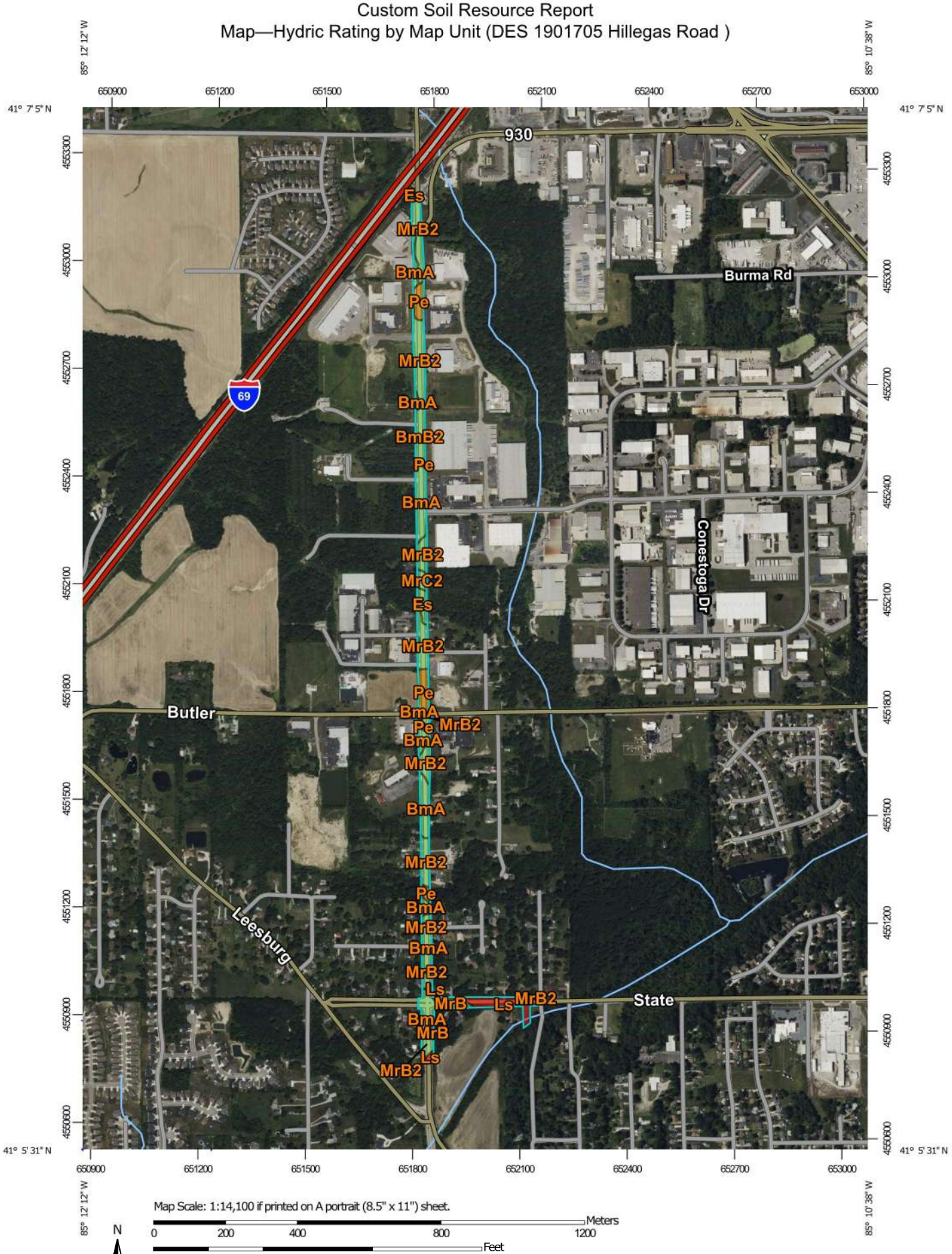
Hillegas Road
Added Travel Lanes
Des 1901705

DRAWN BY: SCS DATE: 9/13/2024
CHECKED: BE APPROVED: JAS

REFERENCE: WORLD IMAGERY, ESRI, ACCESSED 09/2024. COUNTY BOUNDARY,ESRI,2010.
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gai consultants.

Custom Soil Resource Report
Map—Hydric Rating by Map Unit (DES 1901705 Hillegas Road)



NRCS Soils Map
Figure 5

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils

Soil Rating Polygons
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Soil Rating Lines
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Soil Rating Points
- Hydric (100%)
- Hydric (66 to 99%)
- Hydric (33 to 65%)
- Hydric (1 to 32%)
- Not Hydric (0%)
- Not rated or not available

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Allen County, Indiana
Survey Area Data: Version 23, Sep 1, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 18, 2022—Jun 21, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Table—Hydric Rating by Map Unit (DES 1901705 Hillegas Road)

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
BmA	Blount loam, interlobate moraines, 0 to 2 percent slopes	5	5.7	29.0%
BmB2	Blount loam, interlobate moraines, 1 to 4 percent slopes, eroded	3	1.1	5.3%
Es	Eel silt loam, 0 to 2 percent slopes, frequently flooded	4	0.5	2.7%
Ls	Lenawee silty clay loam	100	1.8	9.4%
MrB	Glynwood silt loam, 2 to 6 percent slopes	4	0.7	3.6%
MrB2	Glynwood silt loam, 2 to 6 percent slopes, eroded	4	7.3	37.1%
MrC2	Morley silt loam, 6 to 12 percent slopes, eroded	3	0.3	1.7%
Pe	Pewamo silty clay loam, 0 to 1 percent slopes	91	2.2	11.2%
Totals for Area of Interest			**19.7**	**100.0%**

Rating Options—Hydric Rating by Map Unit (DES 1901705 Hillegas Road)

Aggregation Method: Percent Present

Component Percent Cutoff: None Specified

Tie-break Rule: Lower

DNR Indiana Department of Natural Resources

Floodplain Analysis & Regulatory Assessment (FARA)



Point of Interest

Base Flood Elevation Point

1.0

1.5

Best Available Flood Hazard Layers

- FEMA Zone AE Floodway; FEMA Administrative Floodway
- DNR Detailed Floodway
- DNR Approximate Floodway
- FEMA Zone A
- FEMA Zone AE
- DNR Detailed Fringe
- DNR Approximate Fringe
- Additional Floodplain Area; DNR .2 Percent Flood Hazard
- FEMA Protected by Levee
- FEMA Floodplain - Ponding (Depth)
- FEMA Floodplain - Sheet Flow (Depth)
- Not Mapped
- <all other values>

Long: **-85.19204787198005**

Lat: **41.11579905520124**

The information provided below is based on the point of interest shown in the map above.

County: **Allen**

Stream Name:
Unnamed Tributary

Approximate Ground Elevation: **827.9 feet (NAVD88)**

Base Flood Elevation: **Not Available**

Drainage Area: **Not Available**

Best Available Flood Hazard Zone: **Not Mapped**

National Flood Hazard Zone: **Not Mapped**

Is a Flood Control Act permit from the DNR needed for this location? **See following pages**

Is a local floodplain permit needed for this location? **Contact your local Floodplain Administrator-**

Floodplain Administrator: **Benjamin Roussel, Senior Planner**

Community Jurisdiction: **City Of Fort Wayne, City proper**

Phone: **(260) 449-7607**

Email: **benroussel@allencounty.us**

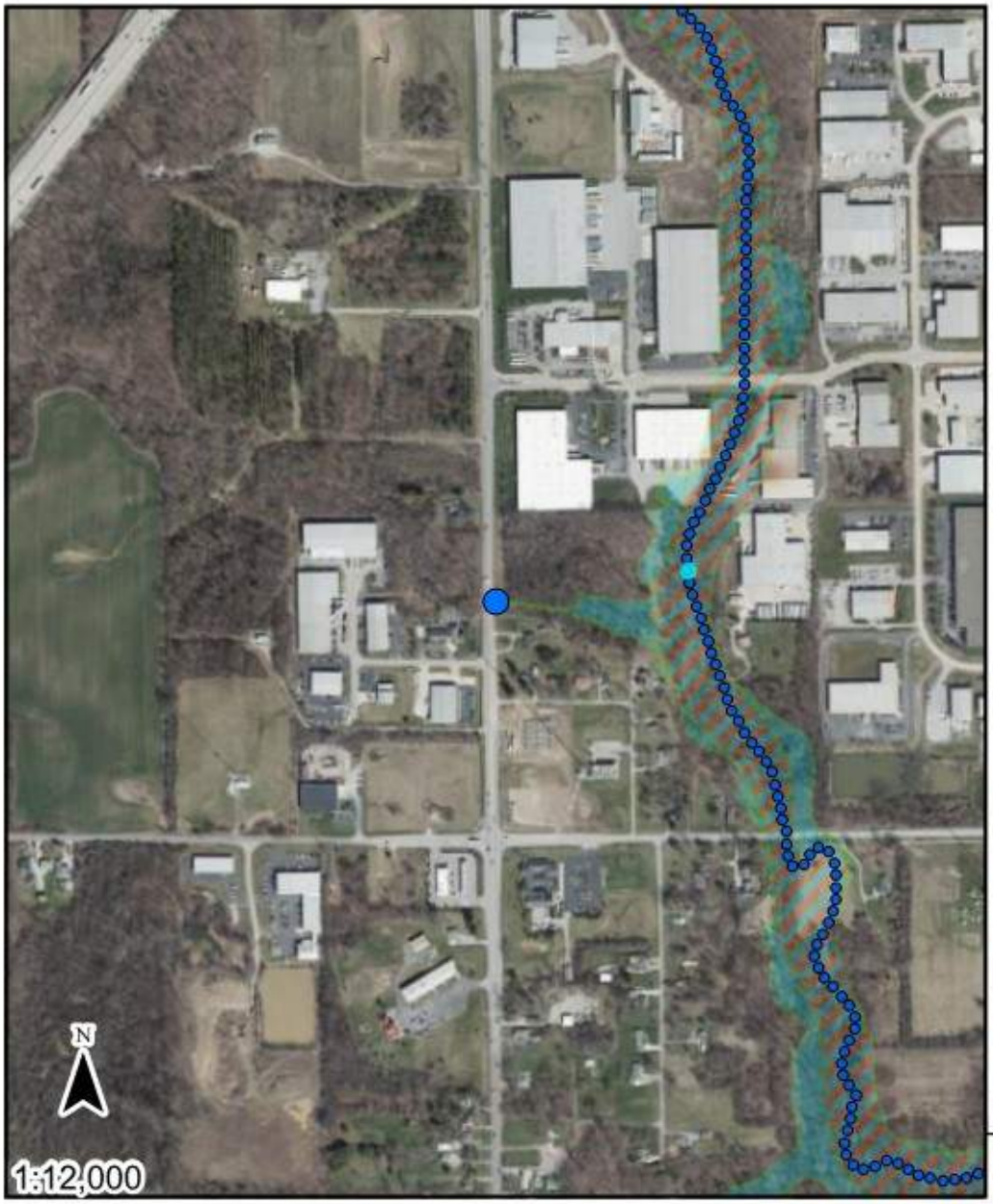
US Army Corps of Engineers District: **Detroit**

FIGURE 6
MAP #1

Date Generated: 7/30/2024

DNR Indiana Department of Natural Resources

Floodplain Analysis & Regulatory Assessment (FARA)



Point of Interest

Base Flood Elevation Point

1.0

Best Available Flood Hazard Layers

- FEMA Zone AE Floodway; FEMA Administrative Floodway
- DNR Detailed Floodway
- DNR Approximate Floodway
- FEMA Zone A
- FEMA Zone AE
- DNR Detailed Fringe
- DNR Approximate Fringe
- Additional Floodplain Area; DNR .2 Percent Flood Hazard
- FEMA Protected by Levee
- FEMA Floodplain - Ponding (Depth)
- FEMA Floodplain - Sheet Flow (Depth)
- Not Mapped
- <all other values>

Long: **-85.19212724142422**

Lat: **41.10553094163351**

The information provided below is based on the point of interest shown in the map above.

County: **Allen**

Stream Name:
Drain Number 6

Approximate Ground Elevation: **810.6 feet (NAVD88)**

Base Flood Elevation: **799.7 Feet (NAVD88)**

Drainage Area: **Not Available**

Best Available Flood Hazard Zone: **Not Mapped**

National Flood Hazard Zone: **Not Mapped**

Is a Flood Control Act permit from the DNR needed for this location? **See following pages**

Is a local floodplain permit needed for this location? **Contact your local Floodplain Administrator-**

Floodplain Administrator: **Benjamin Roussel, Senior Planner**

Community Jurisdiction: **City Of Fort Wayne, City proper**

Phone: **(260) 449-7607**

Email: **benroussel@allencounty.us**

US Army Corps of Engineers District: **Detroit**

FIGURE 6
MAP #2

Date Generated: 7/30/2024

DNR Indiana Department of Natural Resources

Floodplain Analysis & Regulatory Assessment (FARA)



Point of Interest

Base Flood Elevation Point

1.0

Best Available Flood Hazard Layers

- FEMA Zone AE Floodway; FEMA Administrative Floodway
- DNR Detailed Floodway
- DNR Approximate Floodway
- FEMA Zone A
- FEMA Zone AE
- DNR Detailed Fringe
- DNR Approximate Fringe
- Additional Floodplain Area; DNR .2 Percent Flood Hazard
- FEMA Protected by Levee
- FEMA Floodplain - Ponding (Depth)
- FEMA Floodplain - Sheet Flow (Depth)
- Not Mapped
- <all other values>

Long: **-85.18849275686678**

Lat: **41.0952216744883**

The information provided below is based on the point of interest shown in the map above.

County: **Allen**

Stream Name:
Lowther Neuhaus Ditch

Approximate Ground Elevation: **780.8 feet (NAVD88)**

Base Flood Elevation: **787.7 Feet (NAVD88)**

Drainage Area: **Not Available**

Best Available Flood Hazard Zone: **FEMA Zone AE Floodway**

National Flood Hazard Zone: **FEMA Zone AE Floodway**

Is a Flood Control Act permit from the DNR needed for this location? **yes**

Is a local floodplain permit needed for this location? **yes-**

Floodplain Administrator: **Benjamin Roussel, Senior Planner**

Community Jurisdiction: **City Of Fort Wayne, City proper**

Phone: **(260) 449-7607**

Email: **benroussel@allencounty.us**

US Army Corps of Engineers District: **Detroit**

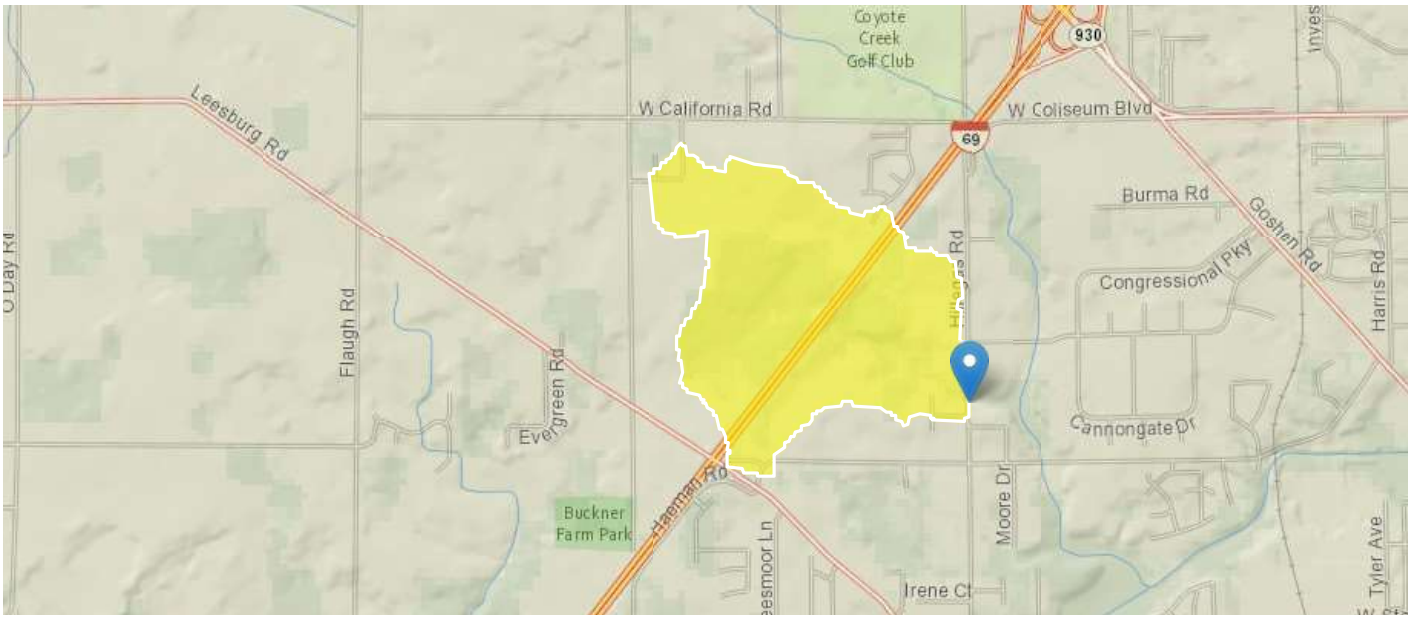
FIGURE 6
MAP #3

Date Generated: 7/30/2024

StreamStat Report
Prange Drain / UNT 2
Figure 7

StreamStats Report UNT 2

Region ID: IN
Workspace ID: IN20240913190656730000
Clicked Point (Latitude, Longitude): 41.10545, -85.19219
Time: 2024-09-13 15:07:31 -0400



Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.557	square miles
K2INDNR	Average hydraulic conductivity (ft/d) for the full depth of unconsolidated deposits from InDNR well database.	58	ft per day
LC01FOREST	Percentage of forest from NLCD 2001 classes 41-43	31	percent
LOWREG	Low Flow Region Number	1728	dimensionless
QSSPERMTHK	Index of the permeability of surficial Quaternary sediments computed as in SIR 2014-5177	150	dimensionless
T2INDNR	Average transmissivity (ft2/d) for the full depth of unconsolidated deposits from InDNR well database.	3993	square feet per day

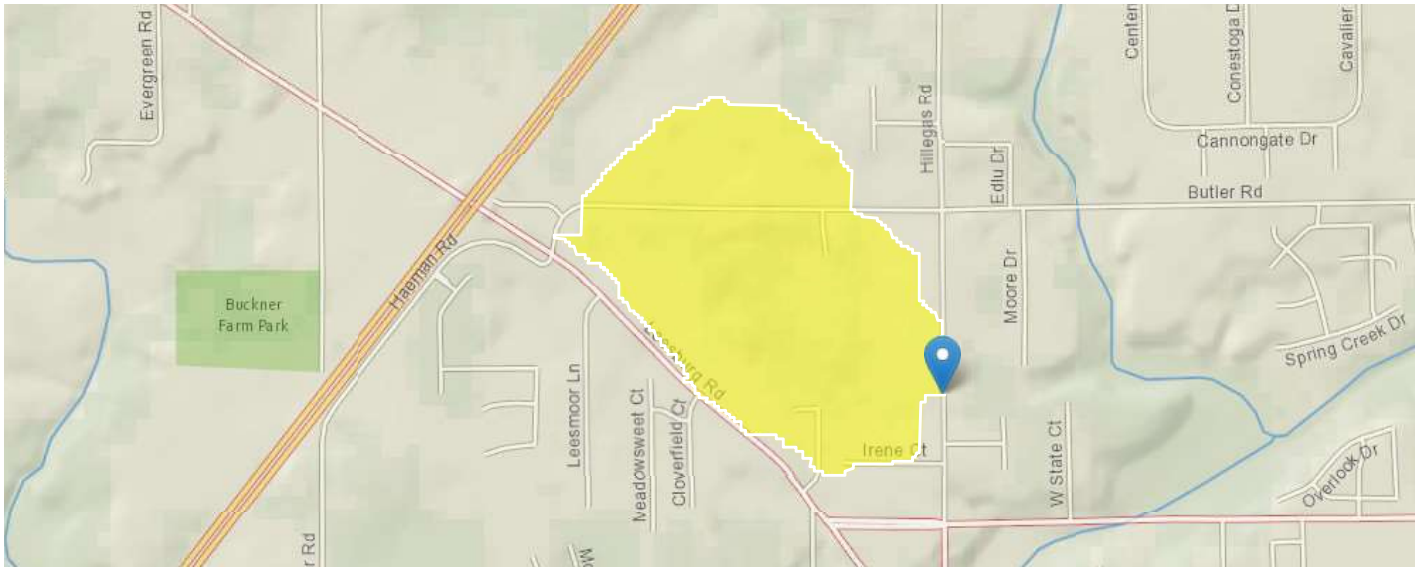
USGS Data Disclaimer: Unless otherwise stated, all data, metadata and related materials are considered to satisfy the quality standards relative to the purpose for which the data were collected. Although these data and associated metadata have been reviewed for accuracy and completeness and approved for release by the U.S. Geological Survey (USGS), no warranty expressed or implied is made regarding the display or utility of the data for other purposes, nor on all computer systems, nor shall the act of distribution constitute any such warranty.

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StreamStat Report
Sargent Ditch / UNT 3
Figure 7

StreamStats Report UNT 3

Region ID: IN
Workspace ID: IN20240913202016113000
Clicked Point (Latitude, Longitude): 41.09864, -85.19207
Time: 2024-09-13 16:20:45 -0400



Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.223	square miles
K2INDNR	Average hydraulic conductivity (ft/d) for the full depth of unconsolidated deposits from InDNR well database.	51	ft per day
LC01FOREST	Percentage of forest from NLCD 2001 classes 41-43	28.3	percent
LOWREG	Low Flow Region Number	1728	dimensionless
QSSPERMTHK	Index of the permeability of surficial Quaternary sediments computed as in SIR 2014-5177	150	dimensionless
T2INDNR	Average transmissivity (ft2/d) for the full depth of unconsolidated deposits from InDNR well database.	4683	square feet per day

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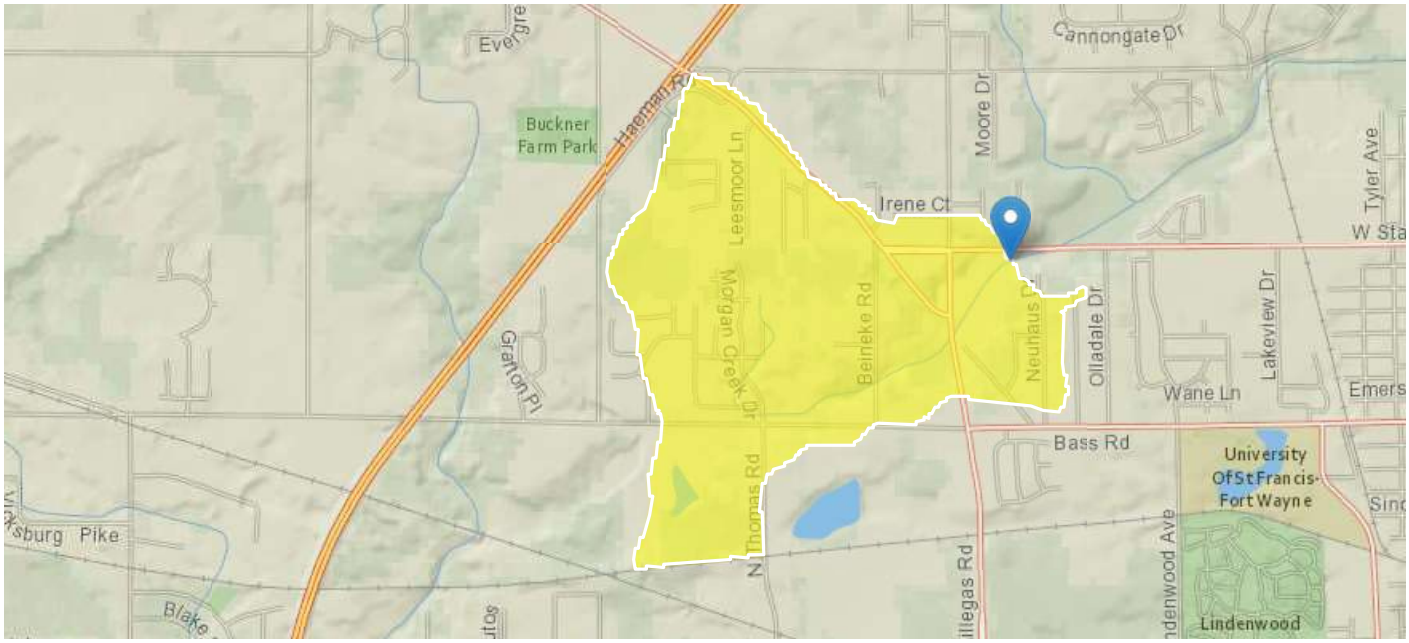
USGS Product Names Disclaimer: Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Application Version: 4.24.0
StreamStats Services Version: 1.2.22
NSS Services Version: 2.2.1

StreamStats Report
Lowther Neuhas Ditch
Figure 7

Des 1901705 Hillegas Road StreamStats Report

Region ID: IN
Workspace ID: IN20240628175511362000
Clicked Point (Latitude, Longitude): 41.09520, -85.18876
Time: 2024-06-28 13:55:31 -0400



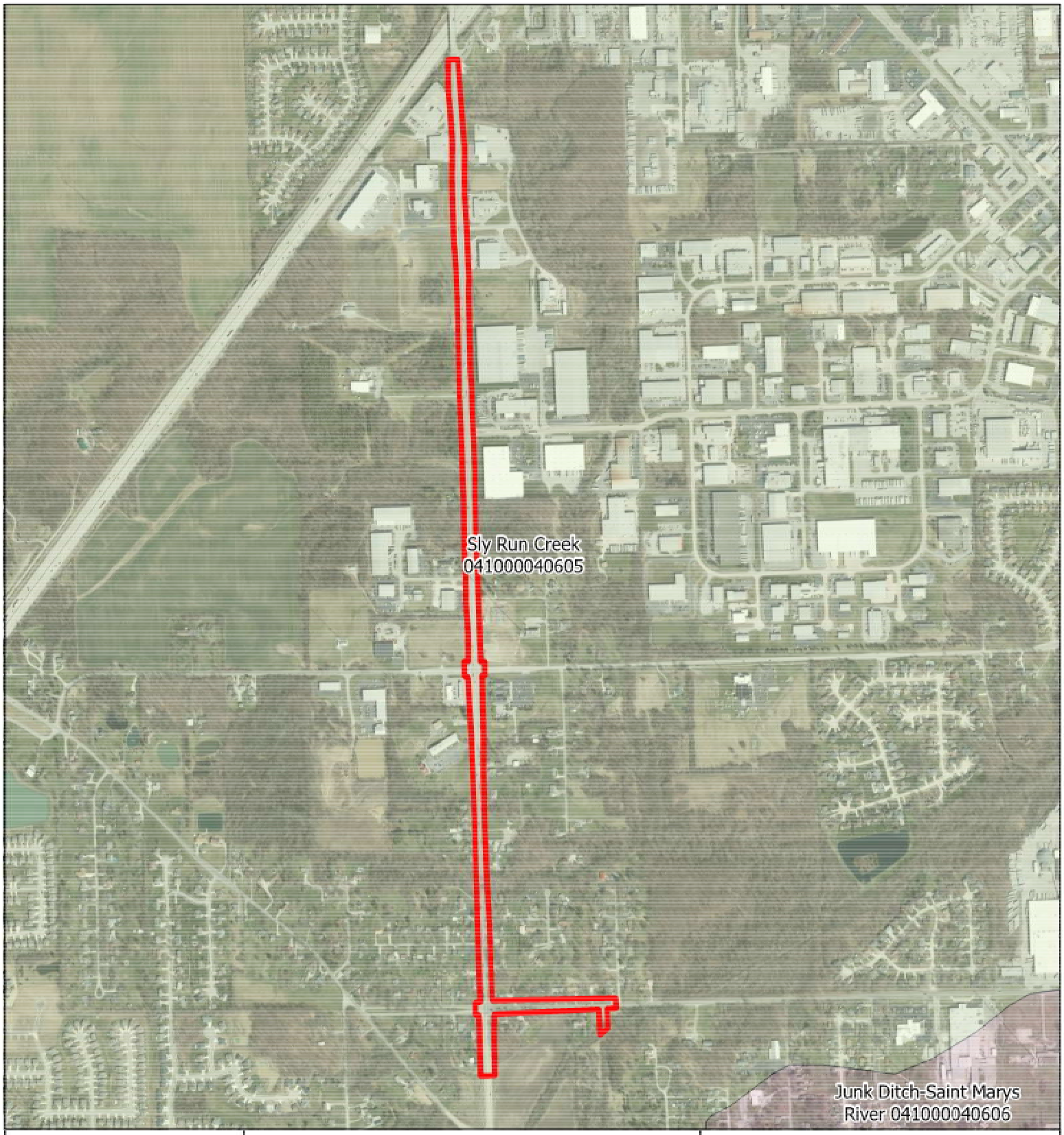
Collapse All

Basin Characteristics

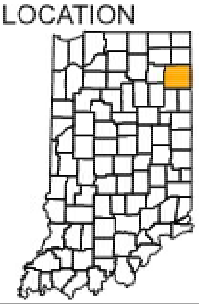
Parameter Code	Parameter Description	Value	Unit
CONTDA	Area that contributes flow to a point on a stream	0.941	square miles
DRNAREA	Area that drains to a point on a stream	0.941	square miles
K2INDNR	Average hydraulic conductivity (ft/d) for the full depth of unconsolidated deposits from InDNR well database.	47	ft per day
WETLAND	Percentage of Wetlands	1.77	percent

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PROJECT LOCATION



ALLEN
COUNTY,
INDIANA

LEGEND

- Investigation Area
- 041000040605,Sly Run Creek
- 041000040606,Junk Ditch-Saint Marys River

0 500 1,000 2,000 Feet

HUC 12 WATERSHED MAP
FIGURE 8

Hillegas Road
Added Travel Lanes
Des 1901705

DRAWN BY: SCS DATE: 9/13/2024
CHECKED: BE APPROVED: JAS

REFERENCE: WORLD IMAGERY, ESRI, ACCESSED 09/2024. COUNTY BOUNDARY,ESRI,2010.
null

gai consultants

Appendix 2 - PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PJD: 09/17/2024

B. NAME AND ADDRESS OF PERSON REQUESTING PJD: Shawn Slaymon, GAI Consultants, 210 East Berry Street Fort Wayne, Indiana 46802

C. DISTRICT OFFICE, FILE NAME, AND NUMBER:

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION: Hillegas Road, from Coliseum Blvd. to State Blvd., Des. No.: 1901705

(USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR AQUATIC RESOURCES AT DIFFERENT SITES)

State: Indiana County/parish/borough: Allen City: Fort Wayne

Center coordinates of site (lat/long in degree decimal format):

Lat.: 41.104943 Long.: -85.192214

Universal Transverse Mercator: NAD83

Name of nearest waterbody: UNT 1, UNT 2, UNT 3, Lowther Neuhas Ditch

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☐ Office (Desk) Determination. Date:

☐ Field Determination. Date(s):

TABLE OF AQUATIC RESOURCES IN REVIEW AREA WHICH "MAY BE" SUBJECT TO REGULATORY JURISDICTION.

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)
UNT 1	41.115913°	-85.192315°	77 ft.	Non-wetland water	Section 404
UNT 2	41.105544°	-85.192080°	215 ft.	Non-wetland water	Section 404
UNT 3	41.098300°	-85.192236°	215 ft.	Non-wetland water	Section 404
Lowther Neuhas Ditch	41.095225°	-85.188533°	100 ft.	Non-wetland water	Section 404

1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.

2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that: (1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources; (2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions; (3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant's acceptance of the use of the PJD; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331. If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable. This PJD finds that there *"may be"* waters of the U.S. and/or that there *"may be"* navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

SUPPORTING DATA. Data reviewed for PJD (check all that apply)

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:

- [x] Maps, plans, plots or plat submitted by or on behalf of the PJD requestor:
  Map: Location, Topographic & Aerial Maps, Figure 1-3.
- [x] Data sheets prepared/submitted by or on behalf of the PJD requestor.
  - [ ] Office concurs with data sheets/delineation report.
  - [ ] Office does not concur with data sheets/delineation report. Rationale: _____.
- [ ] Data sheets prepared by the Corps: _____.
- [ ] Corps navigable waters' study: _____.
- [x] U.S. Geological Survey Hydrologic Atlas: NWI & NHD, HUC Watershed Map, Figure 4 & 8.
  - [x] USGS NHD data.
  - [x] USGS 8 and 12 digit HUC maps.
- [x] U.S. Geological Survey map(s). Cite scale & quad name: Fort Wayne West Indiana 7.5 Minute Series, Figure 2.
- [x] Natural Resources Conservation Service Soil Survey. Citation: USDA NRCS Soil Survey Geographic (SSURGO) Database for Allen County, Indiana.
- [x] National wetlands inventory map(s). Cite name: NWI accessed 2024.
- [x] State/local wetland inventory map(s): NWI & NHD Map, Figure 4.
- [x] FEMA/FIRM maps: IDNR FARA, Figure 6.
- [x] 100-year Floodplain Elevation is: 799.7 ft & 787.7 ft.(National Geodetic Vertical Datum of 1929)
- [x] Photographs: [x] Aerial (Name & Date): ESRI World Imagery 2024, Figure 3.
  or [x] Other (Name & Date): Delineation Report Dated September 2024 (Photos August 26, 2020 & May 15, 2024).
- [ ] Previous determination(s). File no. and date of response letter: _____.
- [ ] Other information (please specify): _____.

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

_____	Shawn C. Slaymon Digitally signed by Shawn C. Slaymon DN: E=S.Slaymon@gaiconsultants.com, CN=Shawn C. Slaymon Reason: I attest to the accuracy and integrity of this document Date: 2024.09.17 13:18:31-04'00'
Signature and date of Regulatory staff member completing PJD	Signature and date of person requesting PJD (REQUIRED, unless obtaining the signature is impracticable)[1]

[1] Districts may establish timeframes for requestor to return signed PJD forms. If the requestor does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.

Appendix G

Public Involvement

Item	Appendix Page
Example NOS letter	G1

BLN
BEAM·LONGEST·NEFF

8320 CRAIG STREET | INDIANAPOLIS, IN 46250
317.849.5832 | f: 317.841.4281 | 800.382.5206 | WWW.B-L-N.COM
A TRADITION OF EXCELLENCE SINCE 1945

Sample

NOTICE OF SURVEY
July 12, 2023

Martin Quintana
3823 Leesburg Rd
Fort Wayne, IN 46808

Re: Fort Wayne, Indiana
Hillegas Road
From Leesburg Rd to I-69
Roadway Improvement Project

Dear Property Owner:

Our information indicates that you own or occupy property near this proposed roadway improvement project. Our employees will be doing a survey of the project area in the near future. It may be necessary for them to come onto your property to complete this work. They will show you their identification, if you are available, before coming onto your property. If you have sold this property, or it is occupied by someone else, please let us know the name and address of the new owner or current occupant so we can contact them about the survey.

At this stage, we generally do not know what effect, if any, our project may eventually have on your property. If it is determined that your property is involved, you will be contacted with additional information.

The survey work will include mapping the location of features such as trees, buildings, fences and drives, and obtaining ground elevations. The survey is needed for the proper planning and design of this roadway improvement project. Please be assured of our sincere desire to cause you as little inconvenience as possible during this survey. If any problems do occur, please speak to our field crew or contact me at the telephone number or address shown above.

In addition to the project's surveying activates, an archaeological/environmental study will be completed throughout the project's corridor by the employees from GAI Consultants. It may be necessary for them to come onto your property to complete this work. Like BLN's surveyors, they will show you their identification, if you are available, before coming onto your property

Sincerely,

BEAM, LONGEST AND NEFF, L.L.C.



Edward J. Sweetland, P.L.S.
Survey Department Manager
xc: 210050

Appendix H

Air Quality

Item	Appendix Page
2026-2030 STIP	H1 to H2
2026-203 TIP	H3
STIP Authorization Letter	H4 to H7
TIP Modification Letter	H8 to H9
NIRCC Amendments and Administrative Modifications	H10

SPONSOR	CONTRACT # / LEAD DES	PROJECT GROUP #	STIP NAME	ROUTE	WORK TYPE	DISTRICT	MILES	FEDERAL CATEGORY	Toal Cost of Project*	PROGRAM	PHASE	FEDERAL	MATCH	2026	2027	2028	2029	2030
Allen County																		
Allen County	2300088		M 23	IR 1022	Bridge Inspections	Fort Wayne	0	STBG	$1,450,259.00	Local Funds	PE	$0.00	-$737.00	$785.00	($1,000.00)	($522.00)		
										Local Bridge Program	PE	-$2,000.00	$0.00	$3,000.00	($4,000.00)	($2,000.00)	$1,000.00	
Performance Measure Impacted: Bridge Condition																		
Location: Countywide Bridge Inspection and Inventory Program for Cycle Years 2026-2029																		
Comments:increasing funds for FY26																		
Fort Wayne	42163 / 2201692		M 23	ST 1043	Added Travel Lanes	Fort Wayne	.58	STBG	$10,100,000.00	Local Funds	CN	$0.00	$0.00		($2,010,000.00)			$2,010,000.00
										Fort Wayne MPO	CN	$0.00	$0.00		($8,040,000.00)			$8,040,000.00
Performance Measure Impacted: Reliability and Freight Reliability																		
Location: Hillegas Rd from State Blvd to Coliseum Blvd																		
Comments:Move CN from 2027 to 2030. conformity date: 10-2-25, non-exempt NIRCC AM 26-90m																		
Allen County	44317 / 2101761		M 23	IR 8629	Bridge Rehabilitation Or Repair	Fort Wayne	.01	STBG	$7,000,000.00	Local Funds	RW	$0.00	$60,000.00	$60,000.00				
										Local Bridge Program	RW	$48,000.00	$0.00	$48,000.00				
Performance Measure Impacted: Bridge Condition																		
Location: Br 32 on Van Zile Rd over St Joseph River																		
Comments:decreasing (removing) all federal funds (-$48,000) from secondary des 2101768 from RW, only local funds on RW ($60,000). AQC date: 10-2-25, exempt finding. NIRCC Modification - AM 26-95m																		
Indiana Department of Transportation	44543 / 2200658		M 23	SR 101	Small Structure Pipe Lining	Fort Wayne	.1	STBG	$500,000.00	Bridge Construction	CN	$12,800.00	$3,200.00		$16,000.00			
Secondary Des(#)s:2200643																		
Performance Measure Impacted: Safety																		
Location: SR 101 Carries Hetrick Drain, 7.34 miles N US 30, and Old SR 14 Drain, 4.11 miles N US 30																		
Comments:Adding a secondary DES #2200643 and increasing the CN in FY27 by $15,372. The conformity date is 10-2-25 with an exempt finding. NIRCC Modification - AM 26-83m																		
New Haven	45554 / 2300608		M 23	ST 1069	Intersection Improvement, Roundabout	Fort Wayne	.2	STBG	$6,000,000.00	Local Funds	CN	$0.00	$98,000.00		$98,000.00			
										Fort Wayne MPO	CN	$391,000.00	$0.00		$391,000.00			
Performance Measure Impacted: Safety																		
Location: Rose Avenue at Linden St																		
Comments:Increasing the CN funding amounts in FY27. The conformity date is 10-2-25 with an exempt finding. NIRCC Modification AM 26-93m																		
Fort Wayne	46105 / 2500056		M 23	ST 1043	Added Travel Lanes	Fort Wayne	0	STBG	$9,950,000.00	Local Funds	CN	$0.00	$0.00	($1,990,000.00)		$1,990,000.00		

*Estimated Costs left to Complete Project column is for costs that may extend beyond the four years of a STIP. This column is not fiscally constrained and is for information purposes.

Indiana Department of Transportation (INDOT)

State Preservation and Local Initiated Projects FY 2026 - 2030

SPONSOR	CONTRACT # / LEAD DES	PROJECT GROUP #	STIP NAME	ROUTE	WORK TYPE	DISTRICT	MILES	FEDERAL CATEGORY	Toal Cost of Project*	PROGRAM	PHASE	FEDERAL	MATCH	2026	2027	2028	2029	2030
Fort Wayne	46105 / 2500056		M 23	ST 1043	Added Travel Lanes	Fort Wayne	0	STBG	$9,950,000.00	Fort Wayne MPO	CN	$0.00	$0.00	($7,960,000.00)		$7,960,000.00		
Performance Measure Impacted: Reliability and Freight Reliability																		
Location: Hillegas Phase 1 from Approx 400 Ft North of Butler Ro to Coliseum Blvd																		
Comments:Move from FY 26 to FY2028.conformity date: 10-2-25, non-exempt NIRCC Modification AM 26-90M.																		

Allen County Total

Federal: $449,800.00 Match :$160,463.00 2026: -$9,838,215.00 2027: -$9,550,000.00 2028: $9,947,478.00 2029: $1,000.00 2030: $10,050,000.00

*Estimated Costs left to Complete Project column is for costs that may extend beyond the four years of a STIP. This column is not fiscally constrained and is for information purposes.

H2

Local Federal Funded Projects 2026-2030 TIP

Project Information	DES #	Phase	Estimated Cost Fiscal Year 2026	2027	2028	2029	2030^	Other Year	Federal Funds	Local Funds	Priority	LPA / AM#	Contract # / Funding / Letting	Conformity Date / AQ Finding	Comments
Goeglein Road Bridge #113		PE						2021	$184,880	$46,220		FW	B-42843	6/30/2023	
Bridge over Bullerman Drain	1902836	RW						2023	$0	$1,000			Group III / IV		
(INDOT funded project)		CN	$1,163,143						$842,098	$321,044	1	24-155m		exempt	
Bridge Replacement		CE	$145,377						$116,302	$29,075	1	24-67	8/6/2025		
Total cost for project:	$1,540,620		$1,308,520	$0	$0	$0	*$0*		$1,143,280	$397,340					
Gump Road and State Road 3/Lima Road		PE		$562,500					$450,000	$112,500	2	HT		6/30/2023	
Pedestrian bridge over SR 3/Lima Road		PE			$125,000				$100,000	$25,000	3				
	2300620	*RW*				$625,000			*$500,000*	*$125,000*	4		STBG & TA		
		CN - TE/TAP						*2031*	*$8,000,000*	*$2,000,000*	6			exempt	
Pedestrian Bridge		*CE - TE/TAP*						*2031*	*$800,000*	*$200,000*	6		10/9/2030		
Total cost for project:	$12,312,500		$0	$562,500	$125,000	$625,000	*$0*		$9,850,000	$2,462,500					
Hamilton Road Bridge #242		PE						2023	$228,000	$69,516		AC	B-44316	6/30/2023	
Bridge over Rebecca Knight Drain	2101768	RW	$60,000						$48,000	$12,000	1		Group III / IV		
(INDOT funded project)		CN		$2,115,000					$1,692,000	$423,000	2			exempt	
Bridge Rehabilitation or Repair: 2 lane bridge		CE		$317,000					$253,600	$63,400	2		8/5/2026		
Total cost for project:	$2,789,516		$60,000	$2,432,000	$0	$0	*$0*		$2,221,600	$567,916					
Hillegas Road	1901705	PE						2022	$1,945,948	$430,000		FW	Ph 1 - R-42105	6/30/2023	
State Blvd to Coliseum Blvd	1901705	RW						2024	$1,500,000	$375,000			Ph 2 - R-42163		
Phase 1: n/o Butler Rd to Coliseum Blvd #2500056	2500056 - Ph 1	CN - Ph 1	$9,400,000						$7,520,000	$1,880,000	1				
	2500056 - Ph 1	CE	$550,000						$440,000	$110,000	1		STBG		
Phase 2: State Blvd to n/o Butler Rd #2201692	2201692 - Ph 2	CH - Ph 2		$9,500,000					$7,600,000	$1,900,000	2				
Added Travel Lanes: expanding to 4 lane	2201692 - Ph 2	CE		$550,000					$440,000	$110,000	2		Ph 1 - 10/8/2025	non-exempt	
roadway with pedestrian facilities												24-49	Ph 2 - 2-10-2027		
Total cost for project:	$24,250,948		$9,950,000	$10,050,000	$0				$19,445,948	$4,805,000					
Illinois Road Trail		PE						2023	$0	$131,595		FW		1/10/2024	This project has no federal funds; new trail with $1,000,000 State of Indiana funding
A 1.97 mile trail along Illinois Road from Getz Rd		RW							$0	$115,000			Next Level Trail Grant		
to W. Jefferson Blvd/Willowdale Dr	LocalTrBr 01-26	CN	$3,447,210						$1,000,000#	$3,447,210	1			exempt	
New Trail												24-54			
Total cost for project:	$3,693,805		$3,447,210	$0	$0				$0	$3,693,805					
Lower Huntington Road												FW	T-45969	12/11/2024	
Airport Expressway to Winchester Road															
Pavement marking lane reconfiguration, from four lanes to three lanes, along with lanes and center turn lane (INDOT funded project)	2401569	CN	$65,000						$58,500	$6,500	1		HSIP (INDOT)		
Pavement Markings												25-49a	1/14/2026	exempt	
Total cost for project:	$65,000		$65,000	$0	$0	$0	*$0*		$58,500	$6,500					
Maplecrest Road (South)	2100622	PE						2024	$1,200,000	$300,000		NH	R-43666	6/30/2023	
SR 930 to Seiler Road	2300599 - Ph 1	RW-1	$1,125,000						$900,000	$225,000	1				
	2300600 - Ph 2	RW-2		$750,000					$600,000	$150,000	2				
Phase 1: Moeller Rd to SR 930 #2300599	2300599 - Ph 1	CN - 1			$9,750,000				$7,800,000	$1,950,000	3		STBG		
contract #R-43666	2300599 - Ph 1	CE - 1			$937,500				$750,000	$187,500	3				
Phase 2: Seiler Rd to Moeller Rd #2300600	2300600 - Ph 2	*CN - 2*					*$6,875,000*		*$5,500,000*	*$1,375,000*	5		Ph 1: 10/14/2027	exempt	
contract #R-46305	2300600 - Ph 2	*CE - 2*					*$37,500*		*$30,000*	*$7,500*	5	25-99m			
Road Widening: 2 lane roadway w/CTL	2300600 - Ph 2	*CE - 2*						*2031*	*$540,000*	*$135,000*	6	24-66m	Ph 2: 10/11/2029		
Total cost for project:	$21,650,000		$1,125,000	$750,000	$10,687,500	$0	*$6,912,500*		$17,320,000	$4,330,000					

Federal Transit Administration
Region V
200 West Adams St., Suite 320
Chicago, IL 60606-5253

U.S. Department of Transportation

Federal Highway Administration
Indiana Division
575 N. Pennsylvania St., Rm 254
Indianapolis, IN 46204-1576

August 28, 2025

Ms. Lyndsay Quist
Commissioner
Indiana Department of Transportation
100 N Senate Ave. N955
Indianapolis, IN 46204

SUBJECT: Indiana FY2026-2030 STIP Approval and Associated Federal Planning Finding

Dear Ms. Quist:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed our review of the FY2026-2030 Indiana Statewide Transportation Improvement Program (INSTIP), which was submitted by the Indiana Department of Transportation (INDOT) request letter dated June 6, 2025.

Based on our review of the information provided, certifications of the Statewide and Metropolitan transportation planning processes for and within the state of Indiana, and our participation in those transportation planning processes (including planning certification reviews conducted in Transportation Management Areas), FHWA and FTA are jointly approving the FY2026-2030 STIP, including the Metropolitan Planning Organization (MPO) Transportation Improvement Programs (TIPs) incorporated into the STIP by reference, subject to the corrective action identified in the attached Federal Planning Finding (FPF) report. FHWA and FTA consider the projects in the 5th year for informational purposes only, and our approval does not exceed four years per 23 CFR 450.220(c).

FHWA and FTA are required under 23 CFR 450.220(b) to document and issue an FPF in conjunction with the approval of the FY2026-2030 STIP. At a minimum, the FPF verifies that the development of the STIP is consistent with the provisions of both the Statewide and Metropolitan transportation planning requirements. FHWA and FTA find that the Indiana FY2026-2030 STIP substantially meets the transportation planning requirements and are approving the STIP subject to the corrective action outlined in the FPF. This approval is effective August 22, 2025, and is given with the understanding that an eligibility determination of individual projects for funding must be met, and INDOT must ensure the satisfaction of all administrative and statutory requirements, as well as address the corrective actions outlined in the attached report.

If you have questions or need additional information concerning our approval and the FPF, please contact Ms. Erica Tait of the FHWA Indiana Division at (317) 226-7481, or by email at erica.tait@dot.gov, or Mr. Anthony Greep of the FTA Region 5 Office at (312) 353-2866, or by email at anthony.greep@dot.gov.

Sincerely,

KELLEY BROOKINS

Digitally signed by KELLEY BROOKINS
Date: 2025.08.27 08:09:52 -05'00'

Kelley Brookins
Regional Administrator
FTA Region V

Sincerely,



Digitally signed by CHRISTOPHER J HALL
Date: 2025.08.28 10:04:48 -05'00'

Christopher J. Hall
Interim Division Administrator
FHWA Indiana Division

INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N758-Executive Office
Indianapolis, Indiana 46204

PHONE: (855) 463-6848

Mike Braun, Governor
Lyndsay Quist, Commissioner

June 6, 2025

Mr. Christopher J Hall, Interim Division Administrator
FHWA Indiana Division
575 North Pennsylvania St., Room 254
Indianapolis, IN 46204

Ms. Kelley Brookins, Regional Administrator
FTA Region 5
200 West Adams St.
Suite 320
Chicago, IL 60606-5253

Dear Mr. Hall /Ms. Brookins:

The Indiana Department of Transportation is pleased to submit its Draft FY 2026-2029 Statewide Transportation Improvement Program (STIP) for review and comment by your offices.

Included in the final submitted document is a listing of the state's expansion/preservation and local small urban and rural and rural transit projects. The following Metropolitan Planning Organization TIP's will be included in the FY 2024-2028 STIP by reference.

Area Plan Commission of Tippecanoe County (APCTC) FY 2026-2030
- APCTC TIP FY2026-2030

Bloomington-Monroe County Metropolitan Planning Organization (BMCMPO) FY 2026-2030
- BMCMPO TIP FY2026-2030

Columbus Area Metropolitan Planning Organization (CAMPO) FY 2026-2030
- CAMPO TIP FY2026-2030

Delaware-Muncie Metropolitan Plan Commission (DMMPC) FY 2026-2030
- DMMPC TIP FY2026-2030

Evansville Metropolitan Planning Organization (EMPO) FY 2026-2030
- EMPO TIP FY2026-2030

Indianapolis Metropolitan Planning Organization (IMPO) FY 2026-2029
- IMPO TIP FY2026-2029
- IMPO Project Listing FY2026-2029

Kokomo-Howard County Governmental Coordinating Council (KHCGCC) FY 2026-2030
- KHCGCC TIP FY2026-2030

Kentuckiana Regional Planning and Development Agency (KIPDA) FY 2025-2028
- KIPDA TIP FY2025-2028

Michiana Area Council of Governments (MACOG) FY 2026-2030
- MACOG TIP FY2026-2030

Madison County Council of Governments (MCCOG) FY 2026-2030
- MCCOG TIP FY2026-2030

Northeastern Indiana Regional Coordinating Council (NIRCC) FY 2026-2030
- NIRCC TIP FY2026-2030

Northwestern Indiana Regional Planning Commission (NIRPC) FY 2026-2030
- NIRPC TIP FY2026-2030

Ohio-Kentucky-Indiana Regional Council of Governments (OKI) FY 2026-2029
- OKI TIP FY2026-2029

Terre Haute Area Metropolitan Planning Organization (THAMPO) TIP FY 2026-2030
- THAMPO TIP FY2026-2029

We greatly appreciate FHWA/FTA support in the development of the STIP 2026-2029 and look forward to working together to achieve our mutual goals. Should you have any questions pertaining to this amendment, please contact April Leckie, STIP Administration at 317-232-5466 or at aleckie@indot.in.gov.

Sincerely,



Lyndsay Quist, Commissioner
Indiana Department of Transportation

cc: (w/enclosure): Angelica Salgado, FTA
Cecilia Crenshaw, FTA
Anthony Greep, FTA
Bill Wheeler, FTA
Kelley Brookins, FTA
Matt Kane, FTA
Susan Weber, FTA
Erica Tait, FHWA
Paige Story, FHWA
Lyndsay Quist, INDOT
Blake Martain, INDOT
Kathy Eaton-McKalip, INDOT
Louis Feagans, INDOT
April Leckie, INDOT
Roy Nunnally, INDOT
Larry Buckel, INDOT
Jay Mitchell, INDOT
Jason Casteel, INDOT
Ryan Pennington, INDOT
Michael McNeil, INDOT

February 23, 2026

April Leckie
Office of Asset Planning & Management
Indiana Department of Transportation
100 N. Senate Ave. RM N955-PL
Indianapolis, IN 46204

RE: Approval of Modification to the 2026-2030 NIRCC TIP

Dear April,

This is to inform you of the approval of the Modification 26-90m to the 2026-2030 Northeastern Indiana Regional Coordinating Council's (NIRCC) Transportation Improvement Program (TIP). I have included the TIP sheet and the INDOT spreadsheet to detail the project.

- Hillegas Rd #1901705 – FW, STBG – 26-90m
  - Moving Phase 1 CN & CE and Phase 2 CN & CE
  - Conformity date: 10-2-25, non-exempt

A hard copy of this notice will NOT be sent. The revised 2026-2030 NIRCC TIP is available on NIRCC.com. Please contact me if you have any questions or comments.

Sincerely,

Stacey Gorsuch

Stacey Gorsuch
Principal Transportation Planner

Attachments

2026-2030 TIP
NIRCC Modification - February 23, 2026

Project Information: Route Location Work Type	DES #	Phase	2026	2027	2028	2029	*2030**	Other Year	Federal Funds	Local Funds	Priority	LPA AM#	Contract # Funding Letting	Conformity Date AQ Finding	Comments
Hillegas Road	1901705	PE						2022	$1,945,948	$430,000		FW	Ph 1 - R-42105	10/2/2025	moving Phase 1 CN & CE from FY26 to FY28 and Phase 2 CN & CE from FY27 to FY30
State Blvd to Coliseum Blvd	1901705	RW						2024	$1,500,000	$375,000			Ph 2 - R-42163		
Phase 1: n/o Butler Rd to Coliseum Blvd #2500056	2500056 - Ph 1	CN - Ph 1			$9,400,000				$7,520,000	$1,880,000	3		STBG		
	2500056 - Ph 1	CE			$550,000				$440,000	$110,000	3				
Phase 2: State Blvd to n/o Butler Rd #2201692	2201692 - Ph 2	CH - Ph 2					*$9,500,000*		$7,600,000	$1,900,000	5				
Added Travel Lanes: expanding to 4 lane	2201692 - Ph 2	CE					*$550,000*		$440,000	$110,000	5	26-90m	Ph 1 - 10-14-27	non-exempt	
roadway with pedestrian facilities												24-49	Ph 2 - 9-12-29		
Total cost for project:	$24,250,948		$0	$0	$9,950,000		*$10,050,000*		$19,445,948	$4,805,000					
Previously					**Previously**								**Previously**		
Hillegas Road	1901705	PE						2022	$1,945,948	$430,000		FW	Ph 1 - R-42105	10/2/2025	
State Blvd to Coliseum Blvd	1901705	RW						2024	$1,500,000	$375,000			Ph 2 - R-42163		
Phase 1: n/o Butler Rd to Coliseum Blvd #2500056	2500056 - Ph 1	CN - Ph 1	$9,400,000						$7,520,000	$1,880,000	1		STBG		
	2500056 - Ph 1	CE	$550,000						$440,000	$110,000	1				
Phase 2: State Blvd to n/o Butler Rd #2201692	2201692 - Ph 2	CH - Ph 2		$9,500,000					$7,600,000	$1,900,000	2				
Added Travel Lanes: expanding to 4 lane	2201692 - Ph 2	CE		$550,000					$440,000	$110,000	2		Ph 1 - 3-11-26	non-exempt	
roadway with pedestrian facilities												24-49	Ph 2 - 2-10-2027		
Total cost for project:	$24,250,948		$9,950,000	$10,050,000	$0				$19,445,948	$4,805,000					

FY 2026 - 2030 TIP																		
AM #	Date Received	Sponsor	DES #	Contract #	Project	Work Type	Location/ Description	Funding	Phase	ICG Approval Date	Conformity Date	Air Quality Exempt	UTAB approval	Date sent to INDOT	2026-2030 STIP approval	2026-2030 STIP approval Date	Letting Date	Comments
26-81	12/29/25	INDOT	2500541	B-46187	I-469	Repair or Replace Joints	I-469 WB over Tillman Rd, 3.62 mi w/o US 30	NHPP	PE & CN	n/a	10/2/26	exempt	n/a	1/30/26	G26-15	1/23/26		new project
82	1/9/26	FW	LocalFWBr 01-26	tbd	Ewing St	Superstructure Br Replace & Corridor Imp	High St to Superior St; and Berry St to Jefferson Blvd	local	PE & CN	1/16/26	n/a	exempt	2/3/26	2/9/26	INDOT did not process since there is no Federal Funding or DES #			scope change from original submittal to TIP (25-102a), increase in funding amounts
83	1/12/25	INDOT	2200658		SR 101	small structure pipe lining	4.11 mi n/o US 30	STBG	CN	n/a	10/2/25	exempt	n/a	2/25/26	M26-23	3/13/26		adding secdondary DES #2200643 and increasing CN in FY27 +$15,372
84	1/28/26	AC	2300088	n/a	bridge insp	bridge insp	various in Allen County	Gr III / IV	PE	n/a	10/2/25	exempt	n/a	1/28/26	M26-21	2/9/26	n/a	changing DES # for TIP
85	2/13/26	Citilink	FOR-27-202		Bus Storage Facility	Capital Facility Rehab	Bus Storage Facility	STBG	n/a	2/23/26	n/a	exempt	3/3/26	3/4/26				new project, facility rehabs
86	2/13/26	Citilink	FOR-27-203		Admin/Maint Facility	Capital Facility Rehab	Admin/Maintenance Facility	STBG	n/a	2/23/26	n/a	exempt	3/3/26	3/4/26				new project, facility rehabs
87	2/13/26	Citilink	FOR-27-204		Central Station	Capital Facility Rehab	Central Station	STBG	n/a	2/23/26	n/a	exempt	3/3/26	3/4/26				new project, facility rehabs
88	2/16/26	FW	2500556, 2500557, 2500558	R-46144, R-46145, R-46146	Ardmore Ave	Added Travel Lanes	Covington Rd to Lower Huntington Rd	STBG	RW	n/a	10/2/26	n/a	n/a	2/18/26	M26-22	2/23/26		moving RW-1 from FY28 to FY29, RW-2 from FY29 to FY30, RW-3 from FY29 to FY31
89	2/17/26	NH	2100622 & 2600160	R-43666	Maplecrest Rd south	Added Travel Lanes	SR 930 to Seiler Rd	STBG	RW, CN & CE	n/a	10/2/25	exempt	n/a	2/27/26			10/14/27	adding third phase (intersection will become Phase 1)
90	2/17/26	FW	multiple	multiple	Hillegas Rd	Added Travel Lanes	State Blvd to Coliseum Blvd	STBG	CN & CE	n/a	10/2/26	non-exempt	n/a	2/23/26	M26-23	3/13/26	10/14/27	moving CN-1 from FY26 to FY28 and CN-2 from FY27 to FY30