

Indiana Department of Transportation

County Lake/Porter Route County Line Road Des. No. 1382598

FHWA-Indiana Environmental Document CATEGORICAL EXCLUSION / ENVIRONMENTAL ASSESSMENT FORM GENERAL PROJECT INFORMATION

Road No./County:

County Line Road/Lake, Porter

Designation Number:

1382598

Project Description/Termini:

Pavement reconstruction and widening for addition of a two-way left-turn lane (TWLTL), sidewalk replacement and extension, and drainage improvements from approximately 400 feet south of Cleveland Avenue (W. County Road 700 North) to 250 feet south of US 36 (Ridge Road)

After completing this form, I conclude that this project qualifies for the following type of Categorical Exclusion (FHWA must review/approve if Level 4 CE):

X	Categorical Exclusion, Level 2 – The proposed action meets the criteria for Categorical Exclusion Manual Level 2 - table 1, CE Level Thresholds. Required Signatories: ESM (Environmental Scoping Manager)
	Categorical Exclusion, Level 3 – The proposed action meets the criteria for Categorical Exclusion Manual Level 3 - table 1, CE Level Thresholds. Required Signatories: ESM, ES (Environmental Services Division)
	Categorical Exclusion, Level 4 – The proposed action meets the criteria for Categorical Exclusion Manual Level 4 - table 1, CE Level Thresholds. Required Signatories: ESM, ES, FHWA
	Environmental Assessment (EA) – EAs require a separate FONSI. Additional research and documentation is necessary to determine the effects on the environment. Required Signatories: ES, FHWA

Note: For documents prepared by or for Environmental Services Division, it is not necessary for the ESM of the district in which the project is located to release for public involvement or sign for approval.

Approval

ESM Signature

Date

ES Signature

Date

FHWA Signature

Date

Release for Public Involvement

N/A

ESM Initials

Date

BDM for REB
ES Initials

6/15/2020

Date

Certification of Public Involvement

Office of Public Involvement

Date

Note: Do not approve until after Section 106 public involvement and all other environmental requirements have been satisfied.

INDOT ES/District Env.

Reviewer Signature:

Date:

Name and Organization of CE/EA Preparer: Elizabet Biggio, Butler, Fairman and Seufert, Inc.

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Part I - PUBLIC INVOLVEMENT

Every Federal action requires some level of public involvement, providing for early and continuous opportunities throughout the project development process. **The level of public involvement should be commensurate with the proposed action.**

	Yes	No
Does the project have a historic bridge processed under the Historic Bridges PA*?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If No, then: Opportunity for a Public Hearing Required?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

*A public hearing is required for all historic bridges processed under the Historic Bridges Programmatic Agreement between INDOT, FHWA, SHPO, and the ACHP.

Discuss what public involvement activities (legal notices, letters to affected property owners and residents (i.e. notice of entry), meetings, special purpose meetings, newspaper articles, etc.) have occurred for this project.

Remarks:

Notice of Entry letters were mailed to potentially affected property owners near the project area on November 20, 2014, and again on September 14, 2017, notifying them about the project and that individuals responsible for land surveying and field activities may be seen in the area. A sample copy of the Notice of Entry letters is included in Appendix G, pages G1-G2.

To meet the public involvement requirements of Section 106, a legal notice of FHWA's finding of "No Adverse Effect," was advertised in *The Times of Northwest Indiana* on February 21, 2020 offering the public an opportunity to submit comments pursuant to 36 CFR 800.2(d), 800.3(e), and 800.6(a)(4). The public comment period closed 30 days later on March 22, 2020. The text of the public notice and the affidavit of publication appear in Appendix D, page D46.

The project will meet the minimum requirements described in the current *Indiana Department of Transportation (INDOT) Public Involvement Manual* which requires the project sponsor to offer the public an opportunity to submit comment and/or request a public hearing. Therefore, a legal notice will appear in a local publication contingent upon the release of this document for public involvement. This document will be revised after the public involvement requirements are fulfilled.

Public Controversy on Environmental Grounds

	Yes	No
Will the project involve substantial controversy concerning community and/or natural resource impacts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Remarks:

At this time, there is no substantial public controversy concerning impacts to the community or to natural resources.

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Part II - General Project Identification, Description, and Design Information

Sponsor of the Project: City of Hobart INDOT District: LaPorte

Local Name of the Facility: County Line Road

Funding Source (mark all that apply): Federal ☒ State ☐ Local ☒ Other* ☐

*If other is selected, please identify the funding source: _____

PURPOSE AND NEED:

Describe the transportation problem that the project will address. The solution to the traffic problem should NOT be discussed in this section. (Refer to the CE Manual, Section IV.B.2. Purpose and Need)

Need

The need for the project arises from poor pavement and drainage conditions along County Line Road between US 6 (Ridge Road) and Cleveland Avenue (W. CR 700 North). The existing pavement had an average Pavement Surface Evaluation Rating (PASER) of 2 (out of 10) as of 2013 and after resurfacing is estimated to have a current rating of approximately 4 (out of 10). County Line Road exhibits transverse cracking and rutting, as well as longitudinal cracking showing through a preventative maintenance overlay treatment applied in 2014. Per the INDOT Design Manual Chapter 46-5.0, Two Way Left Turn Lanes (TWLTLs) should be considered when there are a total of 50 drives per mile, a high-density commercial development, or an area with substantial mid-block left turns. On a two-lane roadway, TWLTL are advantageous for design year average annual daily traffic (AADT) between 5,000 and 12,500 vehicles per day (VPD). County Line Road is a Minor Arterial with an AADT of 9,087 VPD (2016) and a projected future AADT of 9,885 VPD (2040). There are 48 intersecting drives within the approximately 1.03-mile-long project area, including eight roadways, six of which serve residential subdivisions. According to the City of Hobart's 2015 "Corridor Assessment: County Line Road (US 30 to US 6) Stormwater Assessment" (SA), the current drainage system is hindered by undersized, clogged ditches and corrugated metal pipes which cause standing water and backyard flooding in adjacent residential properties (Appendix I, I3-I18).

Purpose

The purpose of the project is to improve the pavement conditions on County Line Road between US 6 (Ridge Road) and Cleveland Avenue (W. CR 700 North) to a PASER rating of at least 8 (out of 10) and to reduce flooding and areas of standing water along the corridor.

PROJECT DESCRIPTION (PREFERRED ALTERNATIVE):

County: Lake, Porter Municipality: City of Hobart

Limits of Proposed Work: Approximately 400 feet south Cleveland Avenue (W. County Road 700 North) and approximately 250 feet south of US 36 (Ridge Road, W. 37th Avenue)

Total Work Length: 1.03 Mile(s) Total Work Area: 8.85 Acre(s)

Is an Interchange Modification Study / Interchange Justification Study (IMS/IJS) required?

If yes, when did the FHWA grant a conditional approval for this project?

Yes ¹	No
<input type="checkbox"/>	<input checked="" type="checkbox"/>
Date: _____	

¹If an IMS or IJS is required; a copy of the approved CE/EA document must be submitted to the FHWA with a request for final approval of the IMS/IJS.

In the remarks box below, describe existing conditions, provide in detail the scope of work for the project, including the preferred alternative. Include a discussion of logical termini. Discuss any major issues for the project and how the project will improve safety or roadway deficiencies if these are issues.

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Route County Line Road

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Location

The project is located on the border between Lake and Porter Counties, approximately 1.75 miles east of downtown Hobart. The project is in Sections 27, 28, 33, and 34, Township 36 North, Range 7 West on the USGS Portage, Indiana Quadrangle. The project area runs along the border between Hobart Township, Lake County and Portage Township, Porter County (Appendix B, B1-B3).

Existing Conditions

County Line Road is a two-lane, undivided north-south Minor Arterial. There is one variable 11 to 12-foot wide travel lane in each direction. There are variable 1 to 2-foot wide shoulders throughout the project area, changing between paved and gravel. There is a 3.5-foot wide concrete sidewalk on the west side of County Line Road between approximately 160 feet north of Coral Drive and Cleveland Avenue (W. County Road 700 North), separated from the road by a 13-foot wide grass buffer strip. There is a 130-foot long stretch of 6-foot wide concrete sidewalk on the east side of County Line Road that ties into the north side of Ingram Avenue.

The Oak Savannah Trail (west of County Line Road)/Prairie Duneland Trail (east of County Line Road) crosses County Line Road approximately 0.25 mile south of US 6 (Ridge Road). This is a multi-use paved recreational trail. On each side of the crossing the pavement loops around a small grass circle. There is informational signage in the center grass on the east side. There is also a wooden fence and a gate to stop motorized vehicles on the east side. The crossing is controlled by stop signs for trail users. County Line Road is marked as a bike route between the trail and Cleveland Avenue (W. County Road 700 North), but there is no signage altering motorists to the crossing.

The County Line Road intersection with Cleveland Avenue (W. County Road 700 North) is a four-way stop. The intersection of County Line Road and US 6 (Ridge Road) is signaled and there is an approximately 120-foot long dedicated left turn lane for northbound County Line Road motorists turning west onto US 6 (Ridge Road). There is an approximately 200-foot long right turn lane for southbound County Line Road motorists for access to the Inland Manor Baptist Church approximately 1,000 feet south of US 6 (Ridge Road).

Existing stormwater in the area is handled by a combination of roadside swales, adjacent roadway gutter systems, and surface drains which carry stormwater two Unnamed Tributaries (UNTs) to Deep River. Two metal pipe culverts carry County Line Road over the UNTs to Deep River. The culvert located approximately 1,470 feet south of US 6 (Ridge Road), is an approximately 43-foot long, 60-inch diameter corrugated metal pipe (CMP). The approximately 45.88-foot long culvert located approximately 2,000 feet south of US 6 (Ridge Road), is a 30-inch by 60-inch diameter CMP.

There are six local streets intersecting County Line Road within the project area, which are, from north to south: Camelot Estates, Camelot Manor, Arbor Lane, Exeter Avenue, Ingram Avenue, and Coral Drive. These streets provide access to adjacent residential subdivisions. Each intersection is controlled by a stop sign for the local subdivision street. There is a 10-foot wide right turn lane/passing blister for southbound County Line Road Motorists between Coral Drive and Arbor Lane.

The existing typical and maximum ROW along County Line Road between Cleveland Avenue (W. County Road 700 N.) and the Oak Savannah Trail is approximately 40 feet (20 feet on each side of the centerline). The existing typical and maximum ROW on County Line Road between the Oak Savannah Trail and US 6 (Ridge Road) is approximately 65 feet, 45 feet west of the centerline and 20 feet east of the centerline.

Preferred Alternative

The City of Hobart proposes improvements to County Line Road between approximately 250 feet south of US 36 (Ridge Road, W. 37th Avenue) and approximately 400 feet south of Cleveland Avenue (W. County Road 700 North). The total project length is approximately 1.03 mile. The logical termini are US 6 (Ridge Road) and Cleveland Avenue (W. County Road 700 North).

The proposed project consists of pavement reconstruction and widening, sidewalk replacement and extension, and drainage improvements. The typical section between US 6 (Ridge Road) and Coral Drive will consist of an 11-foot wide travel lane in each direction with a 14-foot wide two-way-left turn lane (TWLTL) to help manage the volume of traffic (Appendix B, B13). The typical section between Coral Drive and Cleveland Avenue (W. County Road 700 North) will consist of an 11-foot travel lane in each direction with an 11-foot northbound turn lane switching to a southbound left turn lane at the intersection of County Line Road and Cleveland Avenue (W. County Road 700 North). A 2-foot, 7-inch concrete curb and gutter will be installed on each side of the road. Minor improvements to vertical alignment along County Line Road (generally 1-foot or less) will occur throughout the project area. All private drive and local street connections to County Line Road will be reconstructed to tie into the improved roadway. New street lighting will be installed along the west side of County Line Road throughout the entire project corridor.

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The existing sidewalk on the west side of County Line Road between Cleveland Avenue (W. County Road 700 North) and approximately 160 feet north of Coral Drive will be replaced and new concrete sidewalk will be constructed along the west side of County Line Road to the northern project terminus. Replacement sidewalks will be 6 feet wide between Cleveland Avenue (W. County Road 700 North) and approximately 108 feet north of Coral Drive in order to reduce impacts on the east side of County Line Road. The remainder of the sidewalk north of approximately 108 feet north of Coral Drive will be 8-10 feet wide. The sidewalk and curb ramps will be Americans with Disabilities Act (ADA)-compliant. Improvements will be made to the Oak Savannah/Prairie Duneland Trail crossing of County Line Road, approximately 0.23 mile south of US 6 (Ridge Road), including a mid-crossing refuge, new signage and pavement markings, and a crossing signal (such as a Rectangular Rapid Flash Beacon). The crossing will be ADA-compliant.

The two existing CMPs carrying County Line Road over UNTs to Deep River will be replaced with longer structures on similar alignments. Approximately 1,000 feet of 36-inch storm water drainage pipe and outlet will be installed along the north side of Arbor Lane west of County Line Road. This section of new stormwater drainage pipe will connect to a 350 foot-long section of 36-inch diameter pipe that will extend north from the north side of Arbor Lane and will outlet into UNT1 to Deep River (Appendix B, B39-B40). A storm sewer system with a maximum 36-inch diameter trunk line will be added underneath County Line Road throughout the project area. Inlets and manholes will be installed throughout the project area.

Approximately 3.39 acres of permanent right-of-way (ROW) and 1.21 acre of temporary ROW acquisition is anticipated. Permanent ROW will consist largely of residential mowed grass areas, with some concrete sidewalk, adjacent to the current roadway. It is possible some anticipated permanent ROW may be also become dedicated utility easement. Temporary ROW will be required for grading and the reconstruction of private driveways. Closure of County Line Road for up to 90-120 days with the institution of a detour may be necessary for construction.

This alternative will function as a discrete project, without further construction, and therefore has independent utility. This alternative will meet the project's purpose and need by improving the pavement conditions to a PASER rating of at least 8 out of 10, providing TWLTLs, and improving drainage on County Line Road by adding stormwater capacity, thus reducing flooding, and is therefore the preferred alternative.

OTHER ALTERNATIVES CONSIDERED:

Describe all discarded alternatives, including the Do-Nothing Alternative and an explanation of why each discarded alternative was not selected.

Do-Nothing Alternative

The Do-Nothing Alternative proposes no construction take place. There would be no cost and no environmental impacts associated with this alternative. However, the condition of the pavement and drainage conditions on County Line Road would not be addressed. Therefore, this alternative does not meet the project's purpose and need and was dismissed from further consideration.

Roundabout Alternative at Cleveland Avenue (W. County Road 700 North)

This alternative would include construction of a roundabout at the intersection of County Line Road and Cleveland Avenue (W. County Road 700 North), offset slightly to the east of the existing intersection, in order to address traffic congestion at the intersection. Traffic congestion was an initial primary purpose of the project that was later removed from the purpose and need. A tunnel would also be constructed underneath the roundabout for southbound motorists on County Line Road to the parking lot in the southeast quadrant of the intersection. This alternative would meet the project's current purpose and need. However, this alternative would result in an "Adverse Effect" to a historic property, approximately 12.5 acres of permanent ROW acquisition, and had the potential to cause one residential relocation. Given the additional environmental impacts, this alternative was dismissed from further consideration.

Roundabout Alternative at Coral Drive

This alternative would include construction of a roundabout at the intersection of County Line Road and Coral Drive, offset slightly to the east of the existing intersection, to address traffic congestion. Traffic congestion was initially a primary purpose of the project that was subsequently removed from the purpose and need. County Line Road would be slightly realigned to the east in the vicinity of the intersection to accommodate the roundabout. This alternative would meet the project's purpose and need. However, this alternative would require approximately 8.18 acres of permanent ROW acquisition and cause one residential relocation. This alternative would have limited benefits for improved LOS within the project area and, given the additional environmental impacts, this alternative was dismissed from further consideration.

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The Do Nothing Alternative is not feasible, prudent or practicable because (Mark all that apply):

It would not correct existing capacity deficiencies;

It would not correct existing safety hazards;

It would not correct the existing roadway geometric deficiencies;

It would not correct existing deteriorated conditions and maintenance problems; or

It would result in serious impacts to the motoring public and general welfare of the economy.

Other (Describe)

X

ROADWAY CHARACTER: County Line Road

Functional Classification:	Minor Arterial				
Current AADT:	9,087	VPD (2016)	Design Year ADT:	9885	VPD (2040)
Design Hour Volume (DHV):	988	Truck Percentage (%)	5		
Designed Speed (mph):	30	Legal Speed (mph):	30		

Existing

Proposed

Number of Lanes:	2 @ 10-11 ft.	2 @ 11 ft. 1 @ 11-14 ft.
Type of Lanes:	Through	Through Two-way Left Turn Lane
Pavement Width:	20-26 ft.	33-36 ft.
Shoulder Width:	2 @ 1-2 ft.	0 ft.
Median Width:	N/A ft.	N/A ft.
Sidewalk Width:	1 @ 3.5 ft. 1 @ 6 ft. (partial)	1 @ 6-10 ft. (west)

Setting:	<input type="checkbox"/>	Urban	<input checked="" type="checkbox"/>	Suburban	<input type="checkbox"/>	Rural
Topography:	<input checked="" type="checkbox"/>	Level	<input type="checkbox"/>	Rolling	<input type="checkbox"/>	Hilly

DESIGN CRITERIA FOR BRIDGES: N/A

Structure/NBI Number(s): N/A Sufficiency Rating: N/A

Existing

Proposed

Bridge Type:	N/A	N/A
Number of Spans:	N/A	N/A
Weight Restrictions:	N/A ton	N/A ton
Height Restrictions:	N/A ft.	N/A ft.
Curb to Curb Width:	N/A ft.	N/A ft.
Outside to Outside Width:	N/A ft.	N/A ft.
Shoulder Width:	N/A ft.	N/A ft.
Length of Channel Work:	N/A	N/A

Remarks: *Describe bridges and structures; provide specific location information for small structures.*

The culvert located at station 100+48 Line A, approximately 1,470 feet south of US 6, is a 43-foot long 60-inch CMP carrying UNT 1 of Deep River. This culvert will be replaced with an approximately 87-foot long 6-foot by 5-foot reinforced concrete box culvert (Appendix B, B40).

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Will the structure be rehabilitated or replaced as part of the project? Yes ☒ No ☐ N/A ☐

If the proposed action has multiple bridges or small structures, this section should be filled out for each structure.

Structure/NBI Number(s): N/A Sufficiency Rating: N/A

	Existing	Proposed
Bridge Type:	N/A	N/A
Number of Spans:	N/A	N/A
Weight Restrictions:	N/A ton	N/A ton
Height Restrictions:	N/A ft.	N/A ft.
Curb to Curb Width:	N/A ft.	N/A ft.
Outside to Outside Width:	N/A ft.	N/A ft.
Shoulder Width:	N/A ft.	N/A ft.
Length of Channel Work:		N/A ft.

Describe bridges and structures; provide specific location information for small structures.

Remarks: The culvert located at station 95+11, approximately 2,000 feet south of US 6, is a 45.88-foot long 30-inch by 60-inch CMP carrying UNT 2 of the Deep River under County Line Road. This culvert will be replaced with an approximately 81-foot long 6-foot by 5-foot reinforced concrete box culvert (Appendix B, B39).

Will the structure be rehabilitated or replaced as part of the project? Yes ☒ No ☐ N/A ☐

If the proposed action has multiple bridges or small structures, this section should be filled out for each structure.

MAINTENANCE OF TRAFFIC (MOT) DURING CONSTRUCTION:

	Yes	No
Is a temporary bridge proposed?		<input checked="" type="checkbox"/>
Is a temporary roadway proposed?		<input checked="" type="checkbox"/>
Will the project involve the use of a detour or require a ramp closure? (describe in remarks)	<input checked="" type="checkbox"/>	
Provisions will be made for access by local traffic and so posted.	<input checked="" type="checkbox"/>	
Provisions will be made for through-traffic dependent businesses.	<input checked="" type="checkbox"/>	
Provisions will be made to accommodate any local special events or festivals.		<input checked="" type="checkbox"/>
Will the proposed MOT substantially change the environmental consequences of the action?		<input checked="" type="checkbox"/>
Is there substantial controversy associated with the proposed method for MOT?		<input checked="" type="checkbox"/>

Remarks: The MOT for this project will require the temporary closure of County Line Road south of Coral Drive. The closure will last a maximum of 120 days. A local detour will be provided. The remainder of the project will be constructed under traffic.

The closure restrictions will pose a temporary inconvenience to traveling motorists (including school buses and emergency services); however, no significant delays are anticipated, and all inconveniences will cease upon project completion. Delays may occur during construction but will cease with project completion.

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ESTIMATED PROJECT COST AND SCHEDULE:

Engineering: \$ 1,001,000 (2019) Right-of-Way: \$ 250,000 (2020) Construction: \$ 8,596,260 (2022)

Anticipated Start Date of Construction: Spring 2022

Date project incorporated into STIP July 2, 2019

Is the project in an MPO Area? Yes No
☒ ☐

If yes,

Name of MPO Northwest Indiana Regional Planning Commission (NIRPC)

Location of Project in TIP Page 63

Date of incorporation by reference into the STIP July 2, 2019

RIGHT OF WAY:

Land Use Impacts	Amount (acres)	
	Permanent	Temporary
Residential	2.05	0.08
Commercial	0.47	0.46
Agricultural	0.66	0.00
Forest	0.21	0.22
Wetlands	0.00	0.00
Other: Religious	0.00	0.17
Other: Public	0.00	0.28
TOTAL	3.39	1.21

Describe both Permanent and Temporary right-of-way and describe their current use. Typical and Maximum right-of-way widths (existing and proposed) should also be discussed. Any advance acquisition or reacquisition, either known or suspected, and their impacts on the environmental analysis should be discussed.

Remarks:

The existing typical and maximum ROW along County Line Road between Cleveland Avenue (W. County Road 700 N.) and the Oak Savannah Trail is approximately 40 feet (20 feet on each side of the centerline). The existing typical and maximum ROW on County Line Road between the Oak Savannah Trail and US 6 (Ridge Road) is approximately 65 feet, 45 feet west of the centerline and 20 feet east of the centerline.

The proposed typical ROW along County Line Road between Cleveland Avenue (W. County Road 700 N.) and the Oak Savannah Trail is approximately 55 feet, 25 feet east and 30 feet west of the centerline. The proposed maximum ROW along County Line Road between Cleveland Avenue (W. County Road 700 N.) and the Oak Savannah Trail is approximately 60 feet, 30 feet east and 30 feet west of the centerline. The typical and maximum ROW on County Line Road between the Oak Savannah Trail and US 6 (Ridge Road) is not proposed to change.

This project requires approximately 3.39 acres of permanent ROW acquisition. The current land uses in the proposed ROW are maintained residential lawn, commercial (parking lot), recreational (trail) and transportation (concrete sidewalk). Approximately 1.21 acre of temporary ROW acquisition is anticipated for yard grading and to reconstruct private drives and the Oak Savannah/Prairie Duneland Trail Crossing.

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The project will also require approximately 2.79 acres utility and drainage easements. The easements will consist of a total of approximately 0.43 acre of commercial property, 1.52 acres of residential property, 0.15 acre of public land, and 0.69 acre of wooded property.

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

Part III – Identification and Evaluation of Impacts of the Proposed Action

SECTION A – ECOLOGICAL RESOURCES

	<u>Presence</u>	<u>Impacts</u>	
		<u>Yes</u>	<u>No</u>
Streams, Rivers, Watercourses & Jurisdictional Ditches	X	X	
Federal Wild and Scenic Rivers			
State Natural, Scenic or Recreational Rivers			
Nationwide Rivers Inventory (NRI) listed			
Outstanding Rivers List for Indiana			
Navigable Waterways			

Remarks:

Based on a desktop review, a site visit on June 1, 2017 by BF&S, the aerial map of the project area (Appendix B, B3), and the water resources map in the Red Flag Investigation (RFI) report (Appendix E, E9), there are six streams, rivers, watercourses, and jurisdictional ditches located within the 0.5 mile search radius. There are two streams located within the project area.

According to the database administered by the Bureau of Land Management, National Park Service (NPS), U.S. Fish and Wildlife Service (USFWS) and U.S. Forest Service (<http://www.rivers.gov/>), there are no streams in this area of Lake County or Porter County that are on the list of Wild, Scenic or Recreational Rivers. In addition, according to the database administered by the NPS <https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm>, there are no streams in this area of Lake County or Porter County that are on the Nationwide Rivers Inventory which are free-flowing rivers that possess one or more "outstandingly remarkable" natural or cultural values judged to be of more than local or regional significance.

The project area crosses two UNTs to Deep River. The UNT 1 is located approximately 0.28 mile south of US 6 (Ridge Road). UNT 1 has an ordinary high-water mark (OHWM) width of 4 feet and an OHWM depth of 1 foot. UNT 1 has a silt substrate, and slow flow velocity. The 43-foot long, 60-inch diameter CMP culvert carrying County Line Road over UNT 1 will be replaced with an 87-foot long 7-foot by 5-foot reinforced concrete box culvert. A new 36-inch diameter storm drainage pipe will outlet into this UNT approximately 1,000 feet west of County Line Road and approximately 350 feet north of Arbor Lane.

UNT 2 to Deep River is located approximately 0.38 mile south of US 6 (Ridge Road). UNT 2 has an ordinary OHWM width of 4 feet and an OHWM depth of 1 foot. UNT 2 has a silt substrate, and slow flow velocity. The culvert carrying County Line Road over UNT 2 is a 45.88-foot long, 30-inch by 60-inch diameter CMP which will be replaced with an 81-foot long 6-foot by 5-foot reinforced concrete box culvert.

A total of approximately 168 feet of stream are expected to be impacted due to the replacement of the culverts and the storm drainage improvements. The U.S. Army Corps of Engineers (USACE) makes all final determinations regarding jurisdiction.

Early coordination letters were sent on February 4, 2020 to the USACE, NIRPC, the United States Fish and Wildlife Service (USFWS), and the Indiana Department of Natural Resources (IDNR) (Appendix C, C1-C3). The USACE acknowledged receipt of early coordination but did not make any comments (Appendix C, C30).

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The Northwest Indiana Regional Planning Commission (NIRPC) responded on March 3, 2020 and advised that the project area drains to Deep River, which is listed as impaired for biotic communities and *E. coli*. NIRPC recommended measures to aid in restoring the quality of the watershed (Appendix C, C32). The USFWS respond on March 23, 2020 and did not provide any comments specific to streams (Appendix C C35-C36).

The IDNR responded to early coordination on March 4, 2020 and recommended measures to reduce impacts to streams due to crossing structures and provided standard recommendations for limiting impacts to erosion and runoff.

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

Other Surface Waters

Reservoirs

Lakes

Farm Ponds

Detention Basins

Storm Water Management Facilities

Other: _____

Presence

X

Impacts

Yes	No
	X

Remarks:

Based on a desktop review, a site visit on June 1, 2017 by BF&S, the aerial map of the project area (Appendix B, B3), and the water resource map in the RFI report (Appendix E, E9) there are four (4) lakes within the 0.5 mile search radius. There are no other surface waters present within the project area; therefore, no impacts are expected.

Storm water is currently managed by roadside swales. This project will increase the capacity for storm water drainage by installing a new drainage trunk line underneath County Line Road.

Early coordination letters were sent to the City of Hobart Stormwater District / MS4 Coordinator and the Porter County Stormwater Department on February 4, 2020. The Hobart Sanitary/Storm Water District Coordinator responded by email on February 10, 2020, expressing "significant hydrology concerns" and recommending further ecological investigations (Appendix C, C27). BF&S responded on February 11, 2020 detailing the investigations which have been conducted on the project area (Appendix C, C26). The IDNR responded to early coordination on March 4, 2020 and stated the project is in the Lake Michigan Costal Program boundary; however, since this project requires a USACE 404 permit, it is exempt from Federal Consistency Review. (Appendix C, C32-C34). The USFWS respond on March 23, 2020 and did not provided any comments specific to other surface waters (Appendix C C35-C36).

NIRPC responded to early coordination on March 3, 2020, and recommended utilizing/retrofitting the existing basins bordering Arbor Lane. NIRPC also included recommendations to incorporate post-construction storm water best management practices (Appendix C, C31). The existing basins are privately owned and do not have the capacity to handle drainage for this project.

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

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Presence

Impacts

Yes No

Wetlands

☒ X

☒ X

☐

Total wetland area: 1.0 acre(s) Total wetland area impacted: 0.08 acre(s)
(If a determination has not been made for non-isolated/isolated wetlands, fill in the total wetland area impacted above.)

Wetland No.	Classification	Total Size (Acres)	Impacted Acres	Comments
1	Palustrine, forested, broadleaved deciduous, temporarily flooded	1.0	0.08	N/A

Documentation

ES Approval Dates

Wetlands (Mark all that apply)

Wetland Determination
Wetland Delineation
USACE Isolated Waters Determination
Mitigation Plan

☒ X
☒ X
☐
☐

LPA project
LPA project

Improvements that will not result in any wetland impacts are not practicable because such avoidance would result in (Mark all that apply and explain):

Substantial adverse impacts to adjacent homes, business or other improved properties;
Substantially increased project costs;
Unique engineering, traffic, maintenance, or safety problems;
Substantial adverse social, economic, or environmental impacts, or
The project not meeting the identified needs.

☐
☐
☒ X
☐
☒ X

Measures to avoid, minimize, and mitigate wetland impacts need to be discussed in the remarks box.

Remarks:

Based on a review of the National Wetlands Inventory (NWI) online mapper (<https://www.fws.gov/wetlands/data/Mapper.html>), a site visit on June 1, 2017 by BF&S, the USGS topographic map (Appendix B, B3), and the RFI report (Appendix E, E1-E7), 16 wetlands are located within the 0.5 mile search radius. There is one (1) wetland within the project area.

A wetland determination was conducted on September 30, 2015 by BF&S. During the investigation it was determined that a riparian wetland area was present along UNT 1 that flows along the south side of the Prairie Duneland Trail corridor. This wetland is approximately 1.0 acre and is bisected by County Line Road. The wetland is comprised primarily of cattail (*Typha sp.*) and reed canary grass (*Phalaris arundinacea*). Both species are considered hydrophytic. This wetland is low quality due to the lack of species diversity. This wetland is likely jurisdictional due to its adjacency to UNT 1. In order to facilitate the widening of County Line Road, the new road slope must encroach on this area. As a result, complete avoidance of the wetland area is impractical. The proposed road slope design has been lessened to the extent feasible in order to minimize impacts to the wetland area. As a result, the proposed permanent impacts to the wetland area is 0.08 acre. Since the impact area is below 0.1 acre, no wetland mitigation is anticipated. All wetland findings and proposed impacts will be coordinated with the USACE and IDEM prior to initiating project construction. Due to the time elapsed since the wetland investigation was completed, a new Waters of the U.S. Determination study will be conducted and coordinated with the appropriate agencies. The USACE makes all final determinations regarding jurisdiction.

Early Coordination

Early coordination letters were sent to the USACE, USFWS, and the IDNR on February 4, 2020 (Appendix C, C1-C3). The USACE acknowledged receipt of early coordination but did not make any comments (Appendix

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C, C30). The USFWS responded on March 23, 2020 and stated wetlands may be impacted along UNT 2. The USFWS recommended avoidance and provided recommendations for mitigation (Appendix C, C35-C36).

The IDNR responded to early coordination on March 4, 2020 and recommended wetlands be avoided by all excavation and fill activities (Appendix C, C32-33).

The Hobart Sanitary/Storm Water District Coordinator responded by email on February 10, 2020 and expressed concern about the presence of wetlands near the stream crossings and recommended further studies. BF&S responded on February 11, 2020 detailing the investigations which have been conducted on the project area (Appendix C, C26-C27).

All applicable IDNR, USFWS, and Hobart Sanitary/Storm Water District recommendations are included in the Environmental Commitments section of this CE document.

	<u>Presence</u>	<u>Impacts</u>	
		<u>Yes</u>	<u>No</u>
Terrestrial Habitat	X	X	
Unique or High Quality Habitat			

Use the remarks box to identify each type of habitat and the acres impacted (i.e. forested, grassland, farmland, lawn, etc).

Remarks:

Based on a desktop review, site visits on December 11, 2014 and January 20, 2015 by BF&S, and the aerial map of the project area (Appendix B, B3), there are three (3) types of terrestrial habitats present within the project area: forested, agricultural, and residential/commercial. The forested habitat includes sugar maple (*Acer saccharum*), silver maple (*Acer saccharinum*), common hackberry (*Celtis occidentalis*), red maple (*Acer rubrum*), mayapple (*Podophyllum peltatum*), and Japanese honeysuckle (*Lonicera japonica*). Approximately, 0.21 acre of forested habitat will be permanently impacted by the project due to the widening of the road and construction of the stormwater outlet to UNT 2 of Deep River. Approximately 0.22 acre of forested habitat will be temporarily impacted by project construction. Approximately 0.69 acre of wooded habitat will be temporarily impacted by utility easements. Approximately 85 trees will be removed as a result of this project.

The residential/commercial habitat type consists of mowed lawns with few trees, and ornamental plantings. Approximately 2.52 acres of residential/commercial type habitat will be permanently impacted due to the widening of the road. Approximately 0.07 acre will be temporarily impacted by construction. The agricultural habitat type consists of row crops, typically corn or soybeans. Approximately 0.66 acre of agricultural habitat will be permanently impacted by the widening of the road.

Avoidance alternatives are not practicable while still meeting the purpose of the project which is to increase stormwater drainage in order to eliminate flooding and standing water along the corridor, which requires reshaping of stormwater drainage ditches along the project area. Mitigation of the loss of forested area is anticipated (see below).

Early Coordination

Early Coordination information was sent to the USFWS and IDNR by BF&S on February 4, 2020 (Appendix C, C1-C3). The IDNR responded on March 4, 2020 and recommended the revegetation of all bare and disturbed areas with mixed grasses and appropriately designed erosion and sediment control measures (Appendix C, C32-34). The IDNR also recommended that mitigation be provided for unavoidable tree impacts. The USFWS responded on March 23, 2020, and requested mitigation for the woodland acreage that would be lost to the project (Appendix C C35-C36).

All applicable IDNR and USFWS recommendations are included in the Environmental Commitments section of this document.

If there are high incidences of animal movements observed in the project area, or if bridges and other areas appear to be the sole corridor for animal movement, consideration of utilizing wildlife crossings should be taken.

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Karst

Is the proposed project located within or adjacent to the potential Karst Area of Indiana?
Are karst features located within or adjacent to the footprint of the proposed project?

Yes

No

☐
☐
☒
☒

If yes, will the project impact any of these karst features?

☐
☐

Use the remarks box to identify any karst features within the project area. (Karst investigation must comply with the Karst MOU, dated October 13, 1993)

Remarks:

Based on a desktop review, the project is located outside the designated karst region of Indiana as outlined in the October 13, 1993 Memorandum of Understanding (MOU). According to the topo map of the project area (Appendix B, B2), and the RFI report (Appendix E, E1-E7), there are no karst features identified within or adjacent to the project area. In the early coordination response, the Indiana Geological Survey (IGS) did not indicate that karst features exist in the project area (Appendix C, C4-C6).

The Environmental Assessment Report from the IGS did indicate that there is high liquefaction potential, and a floodway within the project area. The IGS report also indicated that the area includes a high potential bedrock resource and a low potential sand and gravel resource. See Appendix C, C4-C6 for the IGS report. These features will not be affected because maximum depth of excavation will be 10 feet. The response from IGS has been communicated with the designer on March 10, 2020. No impacts are expected.

Presence

Impacts

Threatened or Endangered Species

Within the known range of any federal species
Any critical habitat identified within project area
Federal species found in project area (based upon informal consultation)
State species found in project area (based upon consultation with IDNR)

☒
☐
☐
☐

Yes

☒
☐
☐
☐

No

☐
☐
☐
☐

Is Section 7 formal consultation required for this action?

Yes

No

☐
☒

Remarks:

Based on a desktop review and the RFI report (Appendix E, E1-E7), completed by BF&S on February 11, 2019, the IDNR Lake County and Porter County Endangered, Threatened and Rare (ETR) Species Lists have been checked and are included in Appendix, E, E12-E33. The highlighted species on the list reflect the federal and state identified ETR species located within the counties. According to the IDNR Department of Fish and Wildlife (DFW) early coordination response letter dated March 4, 2020 (Appendix C, C32-C34), the Natural Heritage Program's Database has been checked and, to date, no plant or animal species listed as state or federally threatened, endangered, or rare have been reported to occur in the project vicinity.

Project information was submitted through the USFWS's Information for Planning and Consultation (IPaC) portal, and an official species list was generated (Appendix C, C37-C42). The project is within range of the federally endangered Indiana bat (*Myotis sodalis*) and the federally threatened northern long-eared bat (NLEB) (*Myotis septentrionalis*). No additional species were found within or adjacent to the project area other than the Indiana bat and northern long-eared bat.

Based on the distance of the storm drainage outlet from existing pavement, this project does not qualify for the *Range-wide Programmatic Informal Consultation for the Indiana bat and northern long-eared bat (NLEB)*. The USFWS agreed with this assessment on November 30, 2018 and requested regular early coordination be sent to USFWS. The USFWS responded to early coordination on March 23, 2020, stating there is potential summer nursery habitat along UNT 2 which may be affected by the storm sewer, and restricting tree clearing to October 1 through April 1, as well as mitigation for woodland loss, will be necessary. USFWS concluded that, with these restrictions, the project is not likely to adversely affect endangered and threatened species (Appendix C, C35-C36).

The RFI report was approved on February 11, 2019 (Appendix E, E1-E7). Project information was submitted through the USFWS's IPaC portal, and an official species list was generated (Appendix C, C38-C42).

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Early coordination letters were sent on February 4, 2020 (Appendix C, C1-C3). The IDNR responded on March 4, 2020 and did not provide any comments concerning threatened and endangered species (Appendix C, C32-C34).

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

SECTION B – OTHER RESOURCES

Drinking Water Resources

Wellhead Protection Area
Public Water System(s)
Residential Well(s)
Source Water Protection Area(s)
Sole Source Aquifer (SSA)

Presence

X
X

Impacts

Yes	No
X	
	X

If a SSA is present, answer the following:

Is the Project in the St. Joseph Aquifer System?
Is the FHWA/EPA SSA MOU Applicable?
Initial Groundwater Assessment Required?
Detailed Groundwater Assessment Required?

Yes	No

Remarks:

Sole Source Aquifer

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

Wellhead Protection Area and Source Water

IDEM's Wellhead Proximity Determinator website (<https://www.in.gov/idem/cleanwater/pages/wellhead/>) was accessed on March 19, 2020 by BF&S. This project is not located within a Wellhead Protection Area and is located in a Source Water Area. IDEM's Groundwater Section was directly coordinated with on April 1, 2020 to determine if any project specific restrictions or mitigation measures need to be considered. IDEM responded on April 23, 2020, stating the project area is within the Indiana American Water- Northwest Source Water Area (Appendix C, 43). Drinking water in the area is provided by Indiana American Water. Between Cleveland Avenue (W. County Road 700 North) and US 6 (Ridge Road), there is an 8-inch cast iron water main which will be retired-in-place and replaced with a 12-inch PVC water main. South of Cleveland Avenue (W. County Road 700 North), the existing 12-inch PVC water main will be avoided (Appendix I, I6). The project will adhere to INDOT best management practices (BMPs) with regards to erosion and sediment control during construction. Therefore, no negative impacts are expected.

Water Wells

The IDNR's Enhanced Water Well Web Viewer website (<https://indnr.maps.arcgis.com/apps/webappviewer/index.html?id=4b4f37e1dde744ce865e1be4d157ac93>) was accessed on March 19, 2020 by BF&S. No wells are located near this project. Therefore, no impacts are expected.

Urban Area Boundary

Based on a desktop review of the INDOT MS4 website (<https://entapps.indot.in.gov/MS4/>) by BF&S on February 11, 2019 and the RFI report; this project is located in an Urban Area Boundary (UAB) location. An early coordination letter was sent on February 4, 2020, to the City of Hobart MS4 Coordinator and the Porter

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County MS4 Coordinator. The Porter County MS4 coordinator did not respond within the 30-day time frame. The City of Hobart Sanitary/Storm Water District Coordinator responded on February 10, 2020 and did not make any comments specific to the stormwater system. Stormwater in the project area is currently handled by an undersized storm sewer. This project will increase the capacity of the stormwater drainage to an adequate level.

Public Water System

Based on a desktop review, a site visit on June 1, 2017 by BF&S, utility coordination, and the aerial map of the project area (Appendix B, B3), this project is located where there is a public water system. The public water system will not be negatively affected because it will be upgraded as part of the project. An early coordination letter was sent on August 11, 2017, to Indiana American Water (Appendix I, I4-I5). Indiana American Water responded on January 2, 2020 (Appendix I, I6). Between Cleveland Avenue (CR 700 North) and US 6 (Ridge Road), there is an 8-inch cast iron water main which will be retired-in-place and replaced with a 12-inch PVC water main. South of Cleveland Avenue (CR 700 North), the existing 12-inch PVC water main will be avoided.

Flood Plains

Longitudinal Encroachment
Transverse Encroachment
Project located within a regulated floodplain
Homes located in floodplain within 1000' up/downstream from project

Presence

Impacts

Yes	No

Discuss impacts according to classification system described in the "Procedural Manual for Preparing Environmental Studies".

Remarks:

The IDNR Indiana Floodway Information Portal website (<http://dnrmmaps.dnr.in.gov/appsphp/fdms/>) was accessed on March 11, 2020 by BF&S. This project is not located in a regulatory floodplain as determined from approved IDNR floodplain maps (Appendix F, F5). Therefore, it does not fall within the guidelines for the implementation of 23 CFR 650, 23 CFR 771, and 44 CFR. No impacts are expected.

Farmland

Agricultural Lands
Prime Farmland (per NRCS)

Presence

X
X

Impacts

Yes	No
X	
X	

Total Points (from Section VII of CPA-106/AD-1006* 117

**If 160 or greater, see CE Manual for guidance.*

See CE Manual for guidance to determine which NRCS form is appropriate for your project.

Remarks:

Based on a desktop review, a site visit on June 1, 2017 by BF&S, and the aerial map of the project area (Appendix B, B3), the project will convert 0.68 acre of farmland as defined by the Farmland Protection Policy Act. An early coordination letter was sent on February 4, 2020, to Natural Resources Conservation Services (NRCS). Coordination with NRCS resulted in a score of 117 on the AD 1006 Form (Appendix C, C28-C29). NRCS's threshold score for significant impacts to farmland that result in the consideration of alternatives is 160. Since this project score is less than the threshold, no significant loss of prime, unique, statewide, or local important farmland will result from this project. No alternatives other than those previously discussed in this document will be investigated without reevaluating impacts to prime farmland.

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SECTION C – CULTURAL RESOURCES

Minor Projects PA Clearance	Category	Type	INDOT Approval Dates	N/A
				X

**Eligible and/or Listed
Resource Present**

Results of Research

Archaeology	
NRHP Buildings/Site(s)	X
NRHP District(s)	
NRHP Bridge(s)	

Project Effect

No Historic Properties Affected ☐ No Adverse Effect ☒ Adverse Effect ☐

**Documentation
Prepared**

Documentation (mark all that apply)

		ES/FHWA Approval Date(s)	SHPO Approval Date(s)
Historic Properties Short Report	X	August 27, 2017	September 25, 2017
Historic Property Report			
Archaeological Records Check/ Review			
Archaeological Phase Ia Survey Report	X	November 9, 2018	October 17, 2019
Archaeological Phase Ic Survey Report			
Archaeological Phase II Investigation Report			
Archaeological Phase III Data Recovery			
APE, Eligibility and Effect Determination	X	February 18, 2020	March 13, 2020
800.11 Documentation	X	February 18, 2020	March 13, 2020

Memorandum of Agreement (MOA) ☐

MOA Signature Dates (List all signatories)

Describe all efforts to document cultural resources, including a detailed summary of the Section 106 process, using the categories outlined in the remarks box. The completion of the Section 106 process requires that a Legal Notice be published in local newspapers. Please indicate the publication date, name of paper(s) and the comment period deadline. Likewise include any further Section 106 work which must be completed at a later date, such as mitigation or deep trenching.

Remarks:

Area of Potential Effect (APE):

The Area of Potential Effects (APE) includes the existing and proposed ROW, immediately adjacent properties, and those areas where a visual differentiation may occur between an existing structure and the project area. Visibility around the alignment is largely limited by development and dense trees, and the APE is therefore generally composed of adjacent properties (Appendix D, D1-D9).

Coordination with Consulting Parties:

The Indiana State Historic Preservation Officer (SHPO) is considered an automatic consulting party. In addition, the following individuals and organizations were sent an early coordination letter with instructions on how to access the Historic Property Report (HPR) in INSCOPE and invited to be Section 106 consulting parties on August 29, 2017 (Appendix D, D15-D18):

Consulting Party	Response
Indiana Landmarks Northwest Field Office	No
Lake County Historian	No
Porter County Historian	No
Lake County Parks and Recreation	No

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Hobart Historical Society	No
Hobart Historic Preservation Commission	No
Historic Preservation of Porter County, Inc.	No
Porter County Museum	No
Indiana Lincoln Highway Association, Inc.	No
Kankakee Valley Historical Society	No
Northwest Indiana Genealogical Society	No
Lake County Commissioners	No
Porter County Board of Commissioners	No
Northwestern Indiana Regional Planning Commission	No
Pokagon Band of Potawatomi Indians	No
Miami Tribe of Oklahoma	Yes
Forest County Potawatomi Community	No
Eastern Shawnee Tribe of Oklahoma	No

The Miami Tribe of Oklahoma responded by email on September 12, 2017, stating they have no objections to the project, and they wish to be contacted immediately in the event of the discovery of any archaeological evidence (Appendix D, D24).

The response from SHPO is described later in this section. No other responses to the August 29, 2017 mailing were received.

Historic Properties

A site visit was conducted by an Indiana Division of Historic Preservation and Archaeology (DHPA)-qualified professional with BF&S on June 1, 2017. Information from the site visit and research regarding historic resources was compiled into an HPR (BF&S, August 15, 2017; Appendix D, D10-D12). Historic properties may consist of historic buildings, structures, districts, objects, or archaeological resources. The HPR identified one property, the Kraft Farm (IHSSI #127-520-10031), eligible for the National Register of Historic Places (NRHP). The INDOT-Cultural Resources Office (CRO) approved the report on August 29, 2017 (Appendix D, D19).

The HPR and an early coordination letter were sent to the SHPO and consulting parties on August 29, 2017 (Appendix D, D15-D17). The SHPO responded in a letter dated September 25, 2017, stating, in part, "... we agree that the Kraft Farm (or farmstead) along the east side of County Line Road and north of West County Road 700 North in Porter County, is eligible for inclusion in the National Register of Historic Places under Criterion C and is the only historic, above-ground property within the APE," (Appendix D, D25-D26). The SHPO requested further information about ROW acquisition from the Kraft Farm.

After the August 30, 2017 early coordination letter, significant revisions were made to the project scope. The APE was expanded to accommodate work on a drainage structure. A letter explaining the new scope, including the adjustment of the southern terminus and the addition of a stormwater drainage pipe, was approved by INDOT-CRO on November 22, 2019 and sent to consulting parties on the same day (Appendix D, D30-38). The letter did not recommend any additional properties eligible for the NRHP. The SHPO concurred with the revised APE, and that there were no additional historic resources in the revised APE, on December 26, 2019 (Appendix D, D39-D40).

Archaeology:

A Phase Ia Archaeological Field Reconnaissance was conducted by 106 Consulting, LLC on August 25, 2017 and October 18, 2018. In the resulting Archaeological Short Report (ASR; November 6, 2018), the archaeologist reported no archaeological resources were found in the project area and recommended the project be allowed to proceed as planned (Appendix D, D13-D14).

The ASR was approved by the INDOT-Cultural Resources Office (INDOT-CRO) on November 9, 2018 and forwarded to the SHPO and other consulting parties on September 12, 2019 (Appendix D, D27). The SHPO responded in a letter dated October 17, 2019, concurring with the opinion of the archaeologist the no further archaeological work was required (Appendix D, D28-D29).

If any archaeological artifacts or human remains are uncovered during construction, federal law and regulations (16 USC 470, et seq.; 36 CFR 800.11, et al.) and State Law (IC 14-21-1) require that work must stop immediately and that the discovery must be reported to the Division of Historic Preservation and

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Archaeology in the Indiana Department of Natural Resources within two (2) business days.

Documentation, Findings:

INDOT, on behalf of FHWA, approved an 800.11(e) finding of "No Adverse Effect," on February 18, 2020 (Appendix D, D41). The INDOT-approved finding was forwarded to the SHPO and consulting parties on the February 18 and 19, 2020 (Appendix D, D42-D43). The SHPO concurred with the finding in a letter dated March 13, 2020 (Appendix D, D44-D45).

Public Involvement:

A public notice regarding the "No Adverse Effect" finding was published in *The Times of Northwest Indiana* on February 21, 2020 (Appendix D, D46). No public comments were received by the established 30-day deadline date of March 22, 2020. Therefore, the Section 106 process has been completed and the FHWA's Section 106 responsibilities have been fulfilled.

SECTION D – SECTION 4(f) RESOURCES/ SECTION 6(f) RESOURCES

Section 4(f) Involvement (mark all that apply)

Parks & Other Recreational Land

Publicly owned park
Publicly owned recreation area
Other (school, state/national forest, bikeway, etc.)

Presence

X

Use

Yes	No
	X

Evaluations

Prepared

Programmatic Section 4(f)*
"De minimis" Impact*
Individual Section 4(f)

FHWA

Approval date

--

Wildlife & Waterfowl Refuges

National Wildlife Refuge
National Natural Landmark
State Wildlife Area
State Nature Preserve

Presence

Use

Yes	No

Evaluations

Prepared

Programmatic Section 4(f)*
"De minimis" Impact*
Individual Section 4(f)

FHWA

Approval date

--

Historic Properties

Sites eligible and/or listed on the NRHP

Presence

X

Use

Yes	No
	X

Evaluations

Prepared

Programmatic Section 4(f)*
"De minimis" Impact*
Individual Section 4(f)

FHWA

Approval date

--

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**FHWA approval of the environmental document also serves as approval of any Section 4f Programmatic and/or De minimis evaluation(s) discussed below.*

Discuss Programmatic Section 4(f) and "de minimis" Section 4(f) impacts in the remarks box below. Individual Section 4(f) documentation must be separate Draft and Final documents. For further discussions on Programmatic, "de minimis" and Individual Section 4(f) evaluations please refer to the "Procedural Manual for the Preparation of Environmental Studies". Discuss proposed alternatives that satisfy the requirements of Section 4(f).

Remarks

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

Land from a Section 4(f) resource may be used directly by permanent or temporary occupancy or indirectly through constructive use. Direct use converts the land to a transportation facility through permanent easement or purchase. Constructive use occurs if the proximity of the project to the Section 4(f) resource substantially impairs the activities, features, or attributes of the land that make it eligible for protection.

Based on a desktop review, a site visit by BF&S on June 1, 2017, the aerial map of the project area (Appendix B, B3), and the RFI report (Appendix E, E1-E7), there are four 4(f) resources located within 0.5 mile of the project area. There are two 4(f) properties located adjacent to the project area.

One property (the Kraft Farm at County Line Road and W. County Road 700 North) is recommended eligible for the NRHP and, therefore, is subject to evaluation through Section 4(f) of the Transportation Act of 1966. No permanent adverse impacts to any physical elements of the property are anticipated and the property's use and attributes will not be affected. (Appendix D, D1-D6). Therefore, there will be no use of this Section 4(f) property.

In addition, one recreational facility crosses the project area, the Prairie Duneland/Oak Savannah Trail (Appendix E, E1-E7). This trail is publicly owned and open to the public. The Oak Savannah Trail (west of County Line Road) is managed by the Lake County Parks and Recreation Department and the Prairie Duneland Trail (east of County Line Road) is managed by the Portage Department of Parks and Recreation Department, which are the officials with jurisdiction (OWJs). This project will involve improvements to the trail crossing of County Line Road, including a mid-crossing refuge, ADA-compliant curb ramps, new signage and pavement markings, and a crossing signal. Approximately 0.15 acre of temporary ROW acquisition and a 0.07-acre drainage and utility easement are anticipated from the Oak Savannah Trail. Approximately 0.13 acre of temporary ROW acquisition and a 0.08-acre drainage and utility easement are anticipated from the Prairie Duneland Trail (Appendix J, J3).

Pursuant to 23 CFR 774.13(d), temporary occupancy results when a Section 4(f) property, in whole or in part, is required for project construction related activities. Temporary occupancies are so minimal as to not constitute a use within the meaning of Section 4(f). The temporary ROW acquisition and work within the temporary ROW will meet the conditions of a temporary occupancy as listed in 23 CFR 774.13(d):

1. Duration of work must be temporary, i.e., less than the time needed for construction of the project, and there should be no change in ownership of the land;
2. Scope of the work must be minor, i.e., both the nature and the magnitude of the changes to the Section 4(f) property are minimal;
3. There are no anticipated permanent adverse physical impacts, nor will there be interference with the protected activities, features, or other attributes of the property, on either a temporary or permanent basis
4. The land being used must be fully restored, i.e., the property must be returned to a condition which is at least as good as that which existed prior to the project
5. There must be documented agreement of the official(s) with jurisdiction over the Section 4(f) resource regarding the above conditions

The project will reconstruct the trailheads and crossing of County Line Road on the same alignment. Changes will consist of safety improvements: a mid-crossing refuge, new signage and pavement markings, and a crossing signal. The project will replace the trail crossing of County Line Road and tie into the existing trail but will not convert any section of the Oak Savannah/Prairie Duneland Trail to transportation use. The temporary

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occupancy of the Oak Savannah/Prairie Duneland Trail will last less than the duration of construction and no permanent ROW will be acquired from the trail. The project will not cause permanent adverse physical impacts to the Oak Savannah/Prairie Duneland trail. Activities on the trail will be maintained during construction through use of a detour or temporary path. Trail use will return to its present condition after work is complete. The trail detour will last no more than 90 days (out of a construction period of approximately 12 months). The existing gas main will be relocated from underneath County Line Road to the utility easement on the east side of the trail. The existing communications and electric lines will be replaced within the easement on the west side. The land will be restored to its previous appearance.

Letters requesting concurrence from the OWJs were sent to the Lake County Parks and Recreation Department and the Portage Department of Parks and Recreation Department on April 16, 2020. The Portage Department of Parks and Recreation responded on April 17, 2020, concurring with the contemporary occupancy conditions for the Prairie Duneland Trail (Appendix J, J1-J2). The Lake County Parks and Recreation Department responded on April 16, 2020, concurring with the contemporary occupancy conditions for the Oak Savannah Trail (Appendix J, J3-J4).

Based on early coordination, the Section 106 process, a review of aerial and USGS maps, the RFI, and a site investigation by BF&S on June 1, 2017, no other potential Section 4(f) resources were identified. No further Section 4(f) evaluation is necessary.

Section 6(f) Involvement

Presence

Use

Section 6(f) Property

☒ X

Yes

☐

No

☒ X

Discuss proposed alternatives that satisfy the requirements of Section 6(f). Discuss any Section 6(f) involvement.

Remarks:

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

A review of 6(f) properties on the INDOT-ES Land and Water Conservation Fund (LWCF) County Property List for Indiana (<https://www.in.gov/indot/2523.htm>) showed a total of 58 properties in Lake County (Appendix I, I1-I2), and a total of 30 properties in Porter County (Appendix I, I3). One property within Porter County is located within or adjacent to the project area, the Prairie Duneland Trail.

Approximately 0.13 acre of temporary ROW will be acquired from this property to reconstruct the trailhead and crossing of County Line Road. No part of the trail will be converted to non-recreational use. An approximately 0.08-acre drainage and utility easement is also anticipated for replacement of a gas main. No permanent above-ground changes will take place due to the easement. The construction area will be restored to at least its original condition after the project is completed within 12 months of the original ground disturbance. Early coordination was on February 4, 2020 (Appendix C, C1-C3). The NPS did not respond to early coordination. Project information was sent to the IDNR Division of Outdoor Recreation on May 8, 2020. The IDNR responded on May 8, 2020, stating that if the outdoor recreation utility of the Prairie Duneland trail is maintained and there is no permanent taking of trail land after construction then there is no negative impact on the Section 6(f) boundary (Appendix I, I19). Therefore, there will be no conversion of 6(f) resources as a result of this project.

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SECTION E – Air Quality

Air Quality

Conformity Status of the Project

Is the project in an air quality non-attainment or maintenance area?

Yes**No**☒☐

If YES, then:

Is the project in the most current MPO TIP?

☒☐

Is the project exempt from conformity?

☒☐

If the project is NOT exempt from conformity, then:

Is the project in the Transportation Plan (TP)?

☐☐

Is a hot spot analysis required (CO/PM)?

☐☐

Level of MSAT Analysis required?

Level 1a ☒ Level 1b ☐ Level 2 ☐ Level 3 ☐ Level 4 ☐ Level 5 ☐

Remarks:

STIP/TIP

This project is included in the Fiscal Year (FY) 2020-2024 NIRPC Transportation Improvement Plan (TIP) and the FY 2020-2024 INDOT Statewide Transportation Improvement Program (STIP) (Appendix H, H1-H2).

Attainment Status

This project is located in Lake and Porter Counties, which are currently nonattainment areas for the 8-hour ozone standard according to IDEM (<https://www.in.gov/idem/airquality/2425.htm>). This project has been identified as being exempt from air quality analysis in accordance with 40 CFR Part 93.126 and this project is not a project of air quality concern (40 CFR Part 93.123). Therefore, the project will have no significant impact on air quality.

MSAT

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

SECTION F - NOISE

Noise**Yes****No**

Is a noise analysis required in accordance with FHWA regulations and INDOT's traffic noise policy?

☐☒**No****Yes/ Date****ES Review of Noise Analysis**☐☐

Remarks:

This project is a Type III project. In accordance with 23 CFR 772 and the current *Indiana Department of Transportation Traffic Noise Analysis Procedure*, this action does not require a formal noise analysis.

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SECTION G – COMMUNITY IMPACTS

Regional, Community & Neighborhood Factors

Will the proposed action comply with the local/regional development patterns for the area?

Will the proposed action result in substantial impacts to community cohesion?

Will the proposed action result in substantial impacts to local tax base or property values?

Will construction activities impact community events (festivals, fairs, etc.)?

Does the community have an approved transition plan?

If No, are steps being made to advance the community's transition plan?

Does the project comply with the transition plan? (explain in the remarks box)

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Remarks:

This project is not of regional transportation significance and will not have a significant impact on community cohesion. The street and sidewalk improvements will have a positive impact on the local community by addressing the condition of existing transportation facilities and providing more accessible pedestrian facilities.

Funding for the project will come from established accounts. Therefore, no raise in local taxes will be necessary, and there will be no loss of acreage from the tax base. A detour for through traffic will be established. Closure of County Line Road is not anticipated to exceed 90-120 days (out of approximately 12 months of construction). Delays may occur during construction but would cease with project completion. Motorists may experience the inconvenience of construction equipment use along County Line Road, as well as the periodic stoppage of vehicles. These may include reduced speed through the project area related to the use of construction equipment and material delivery vehicles, as well as periodic stopped traffic. Impacts from construction will be temporary in nature and will cease with project completion.

Early coordination was sent by BF&S on February 4, 2020 (Appendix C, C1-C3). The Lake County Surveyor responded on February 4, 2020, stating any impacted monuments must be replaced (Appendix C, C18-C24). NIRPC responded on March 2, 2020 and did not provide any comments concerning community impacts (Appendix C, C31). The United States Department of Housing and Urban Development did not respond to early coordination.

The City of Hobart, County Line Orchard, and Porter County websites were checked by BF&S on March 25, 2020. No events in the Spring of 2022 which would be affected by the project were found.

The City of Hobart updated its ADA Transition Plan in 2012 (<http://www.cityofhobart.org/DocumentCenter/View/980>). This project will install ADA-compliant pedestrian facilities and replace non-compliant facilities and will therefore conform with the City's ADA transition plan.

Based on the above investigations, no permanent impacts to the community are anticipated.

Indirect and Cumulative Impacts

Will the proposed action result in substantial indirect or cumulative impacts?

Yes	No
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Remarks:

Indirect impacts are effects which are caused by the action and are later in time or farther removed in distance, but are still reasonably foreseeable. Indirect effects may include growth inducing effects and other effects related to induced changes in the pattern of land use, population density, or growth rate. Cumulative impacts affect the environment which result from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency or person undertakes such actions.

The INDOT LaPorte District responded to early coordination on February 6, 2020 and did not identify any other active projects in the vicinity (Appendix C, C25).

The project will not change the general land use of the area. The viewshed will change slightly, as the pavement on County Line Road will be wider; however, the resulting pavement width will allow vehicles to turn without stopping traffic. As a result, this project is not anticipated to have any negative indirect or cumulative impacts to the area.

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Public Facilities & Services

Will the proposed action result in substantial impacts on health and educational facilities, public and private utilities, emergency services, religious institutions, airports, public transportation or pedestrian and bicycle facilities? *Discuss how the maintenance of traffic will affect public facilities and services.*

Yes	No
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Remarks:

Based on a desktop review, a site visit on June 1, 2017 by BF&S, the aerial map of the project area (Appendix B, B3) and the RFI report (Appendix E, E1-E7), there are three religious facilities, two recreational facilities, one railroad segment, two trail segments, and one managed land located within the 0.5 mile of the project. One religious facility, the Inland Manor Baptist Church, is adjacent to the project area. Two trail segments associated with the Oak Savannah Trail are within the project area.

The proposed project consists of pavement reconstruction and widening, sidewalk replacement and extension, and drainage improvements. This project may require a temporary closure of County Line Road south of Coral Drive for approximately 90-120 days. Coordination with the Lake County Parks and Recreation Department and the Portage Parks and Recreation Department has occurred and both parties concurred the project would not have a negative effect on the Oak Savannah/Prairie Duneland Trail (Appendix J, J1-J2). The trail will remain open during construction. Also see Section 4(f).

Access to all adjacent properties and facilities providing community activities will be maintained during construction by use of the provided detour and/or other city streets. Therefore, no impacts are expected.

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

Environmental Justice (EJ) (Presidential EO 12898)

During the development of the project were EJ issues identified?

Does the project require an EJ analysis?

If YES, then:

Are any EJ populations located within the project area?

Will the project result in adversely high or disproportionate impacts to EJ populations?

Yes	No
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>

Remarks:

Under FHWA Order 6640.23A, FHWA and the project sponsor, as a recipient of funding from FHWA, are responsible to ensure that their programs, policies, and activities do not have a disproportionately high and adverse effect on minority or low-income populations. Per the current INDOT Categorical Exclusion Manual, an Environmental Justice (EJ) Analysis is required for any project that has two or more relocations or 0.5 acre of additional permanent ROW. The project will require approximately 3.46 acres of permanent ROW acquisition. Therefore, an EJ Analysis is required.

Potential EJ impacts are detected by locating minority and low-income populations relative to a reference population to determine if populations of EJ concern exists and whether there could be disproportionately high and adverse impacts to them. The reference population may be a county, city or town and is called the community of comparison (COC). In this project, the COCs are Hobart Township, Lake County, and Portage Township, Porter County. The community that overlaps the project area is called the affected community (AC). In this project, the AC's are Census Tracts 419 in Lake County and 505.9 in Porter County. An AC has a population of concern for EJ if the population is more than 50% minority or low-income or if the low-income or minority population is 125% of the COC. Data from the U.S. Census Bureau 2018 American Community Survey (ACS) 5-year Estimates was obtained from the US Census Bureau Website <https://factfinder.census.gov/> on March 9, 2020 by BF&S. The data collected for minority and low-income populations within the AC are summarized in the below table.

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Table: Minority and Low-Income Data (U.S. Census Bureau 2018 ACS 5-year Estimates)				
	COC 1-Hobart Township, Lake County, Indiana	AC 1- Census Tract 419, Lake County, Indiana	COC 2- Portage Township, Porter County, Indiana	AC 2-Census Tract 505.9, Porter County, Indiana
Percent Minority	28.5%	21.6%	27.6%	29.3%
125% of COC	35.7%	AC < 125% COC	34.5%	AC < 125% COC
EJ Population of Concern		No		No
Percent Low-Income	18.6%	10.4%	27.6%	14.0%
125% of COC	23.3%	AC < 125% COC	34.5%	AC < 125% COC
EJ Population of Concern		No		No

AC-1, Census Tract 419, has a percent minority of 28.5% which is below 50% and is below the 125% COC 1 threshold. AC-2, Census Tract 505.9, has a percent minority of 27.6% which is below 50% and is below the 125% COC 2 threshold. Therefore, the ACs do not contain minority populations of EJ concern.

AC-1, Census Tract 419 has a percent low-income of 18.6% which is below 50% and is below the 125% COC 1 threshold. AC-2, Census Tract 505.9 has a percent low-income of 14.0% which is below 50% and is below the 125% COC 2 threshold. Therefore, the ACs do not contain low-income populations of EJ concern.

The census data sheets, map, and calculations can be found in Appendix I. No further environmental justice analysis is warranted.

Relocation of People, Businesses or Farms

Will the proposed action result in the relocation of people, businesses or farms?

Is a Business Information Survey (BIS) required?

Is a Conceptual Stage Relocation Study (CSRS) required?

Has utility relocation coordination been initiated for this project?

Yes	No
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Number of relocations: Residences: 0 Businesses: 0 Farms: 0 Other: 0

If a BIS or CSRS is required, discuss the results in the remarks box.

Remarks:

No relocations of people, businesses or farms will take place as a result of this project.

Electric, gas, communication, and water utility relocation is expected. An Initial Notice of Proposed Improvement was sent to local utilities on August 11, 2017 (Appendix I, I4-I5). Any conflicts with existing utilities will continue to be identified during the design phase. The environmental document would be updated to include any utility conflicts resulting from an increase in project scope or the need for additional permanent or temporary ROW. Coordination with utilities will continue throughout the project.

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SECTION H – HAZARDOUS MATERIALS & REGULATED SUBSTANCES

Hazardous Materials & Regulated Substances (Mark all that apply)

Red Flag Investigation

Phase I Environmental Site Assessment (Phase I ESA)

Phase II Environmental Site Assessment (Phase II ESA)

Design/Specifications for Remediation required?

Documentation

X

No Yes/ Date

ES Review of Investigations

February 11, 2019

Include a summary of findings for each investigation.

Remarks:

Based on a review of GIS and available public records, an RFI was completed on February 11, 2019 by BF&S (Appendix E, E1-E7). One underground storage tank (UST) site is located within the 0.5 mile of the project area, and no hazardous materials sites were located within the project area; however, no hazardous material sites were identified in or within 0.5 mile of the project area that will impact the project. The nearest UST is adjacent to the project area. The facility is in compliance with equipment, operating, and maintenance requirements set forth in Indiana's UST Rule 329 IAC 9 per the most recent IDEM field inspection. No impacts are expected. Further investigation for hazardous material concerns is not required at this time.

SECTION I – PERMITS CHECKLIST

Permits (mark all that apply)

Likely Required

Army Corps of Engineers (404/Section10 Permit)

Individual Permit (IP)

Nationwide Permit (NWP)

Regional General Permit (RGP)

Pre-Construction Notification (PCN)

Other

Wetland Mitigation required

Stream Mitigation required

X

IDEM

Section 401 WQC

Isolated Wetlands determination

Rule 5

Other

Wetland Mitigation required

Stream Mitigation required

X
X

IDNR

Construction in a Floodway

Navigable Waterway Permit

Lake Preservation Permit

Other

Mitigation Required

US Coast Guard Section 9 Bridge Permit

Others (Please discuss in the remarks box below)

Remarks:

Since more than 1.0 acre of land will be disturbed, it is anticipated an IDEM Rule 5 permit will be required. If permits are found to be necessary, the conditions of the permit will be requirements of the project and will supersede these recommendations.

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The IDNR responded to early coordination and stated that this project will require the formal approval of the IDNR for construction in a floodway pursuant to the Flood Control Act (IC 14-28-1), unless it qualifies for a bridge exemption or qualifies for a general license under the Administrative Rule 312 IAC 10-5 that applies to outfall structures. Both UNT 1 and UNT 2 have drainage areas of less than 1 square mile; therefore, the project qualifies for the general license and a CIF will not be required.

It is likely that a USACE 404 permit and an IDEM 401 Water Quality Certification will be required as a part of this project.

The project area is in an MS4 area regulated by the City of Hobart; local ordinances from the Municipal Code, Title XV, Chapter 152 may apply. The project is in an MS4 area regulated by the Porter County; local ordinances from the County Code, Title 14, Chapter 14.04 may apply.

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

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

SECTION J- ENVIRONMENTAL COMMITMENTS

The following information should be provided below: List all commitments, name of agency/organization requesting the commitment(s), and indicating which are firm and which are for further consideration. The commitments should be numbered.

Remarks:

Firm:

1. If the scope of work or permanent or temporary right-of-way amounts change, the INDOT Environmental Services Division (ESD) and the INDOT District Environmental Section will be contacted immediately. (INDOT ES and INDOT LaPorte District)
2. It is the responsibility of the project sponsor to notify school corporations and emergency services at least two weeks prior to any construction that would block or limit access. (INDOT ESD)
3. It is the responsibility of the project sponsor to notify school the Inland Manor Baptist Church at least two weeks prior to any construction that would block or limit access. (INDOT ESD)
4. The temporary occupancy of the Oak Savannah/Prairie Duneland Trail will last less than the duration of construction and no permanent ROW will be acquired from the trail. (INDOT ESD)
5. The Oak Savannah/Prairie Duneland Trail will be returned to a condition which is at least as good as that which existed prior to the project. Land disturbed by the relocation of the gas main will be restored. (INDOT ESD)
6. It will be necessary to restrict tree clearing to the time of year when the Indiana bat and the northern long-eared bat would not be present, which is between 1 October and 1 April. (USFWS, IDNR)
7. We request mitigation for the woodland acreage that would be lost due to the project. Impacts to non-wetland forest of one (1) acre or more should be mitigated at a minimum 2:1 ratio. If less than one acre of non-wetland forest is removed in a rural setting, replacement should be at a 1:1 ration based on area. Impacts to non-wetland forest under one (1) acre in an urban setting should be mitigated by planting five trees, at least 2 inches in diameter-at-breast height (dbh), for each tree which is removed that is 10 inches dbh or greater. (USFWS, IDNR)
8. Any monumentation that is directly or indirectly impacted with the proposed project, must be replaced/ restored to its original condition or better, and is subject to conditions set forth by the Lake County Surveyor's Office or its agents. Indiana Code 36-2-12-1 et. seq. and other applicable statutes and/or ordinances. (Office of Lake County Surveyor)
9. Any Section Corner disturbed or removed must be re-established by an Indiana Registered Land Surveyor and/or Professional Engineer. All witness references must be tied to the newly established Section Corner, and ALL documentation immediately forwarded to the Lake County Surveyor's Office for its records. (Office of Lake County Surveyor)

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10. Any Benchmark in danger of disturbance must be replaced with a Brass Monument and must have an elevation established by an Indiana Registered Land Surveyor and/or Professional Engineer. The elevation must be tied to an existing USC&GS benchmark, and ALL documentation immediately forwarded to the Lake County Surveyor's Office for its records. (Office of Lake County Surveyor)

For Further Consideration:

11. For the purposes of maintaining fish and wildlife passage through a crossing structure, the IDNR Environmental Unit recommends bridges rather than culverts and bottomless culverts rather than box or pipe culverts. (IDNR)
12. If box or pipe culverts are used, the bottoms should be buried a minimum of 6 inches (or 20% of the culvert height/diameter, whichever is greater up to a maximum of 2 feet) below the stream bed elevation to allow a natural streambed to form within or under the crossing structure. Crossings should: span the entire channel width (a minimum of 1.2 times the OHWM width); maintain the natural stream substrate within the structure; have a minimum openness ratio (height x width / length) of 0.25; and have stream depth, channel width, and water velocities during low-flow conditions that are approximate to those in the natural stream channel. Banklines should be restored within box and pipe structures to allow for wildlife passage above the OHWM. (IDNR)
13. The new, replacement, or rehabbed structure, and any bank stabilization under the structure, should not create conditions that are less favorable for wildlife passage under the structure, as compared to current conditions. When determining an appropriate bridge or culvert size, consider whether or not wildlife/vehicle collisions are a concern at the crossing site. If feasible, a larger bridge or culvert opening can allow for the movement of wildlife under the roadway in order to minimize wildlife/vehicle collisions. (IDNR)
14. The International Dark-Sky Association (IDA) states that, to minimize the negative effects of artificial lighting on wildlife, "lighting should only be on when needed, only light the area that needs it, be no brighter than necessary, minimize the blue light emissions, [and] be fully shielded (pointing downward)". The IDNR Division of Fish and Wildlife (DFW) strongly encourages visiting the IDA's website to learn more about selecting lighting fixtures that minimize the harmful effects of lighting on humans and wildlife: http://darksky.org/lighting/lighting_basics/. (IDNR)
15. It is recommended the project design incorporate post-construction storm water best management practices that increase storage and reduce peak flow rates, sediment and oxygen demanding substance loading associated with the new/improved roadway drainage infrastructure. Possible BMPs identified in the TMDL and watershed management plan could be retrofitted into the ROW include grassed swales and native and water quality devices. (NIRPC)
16. Consider utilizing/retrofitting the existing basins bordering Arbor Lane. There appears to be some capacity for infiltration. Incorporation of native plantings (herbaceous, shrubs, trees) to enhance pollinator habitat is also strongly encouraged as part of the design. (NIRPC)
17. Wetlands along the tributary may include fens, which are a special type of wetland considered rare in Indiana; Duck Creek and other streams tributary to Deep River in the Hobart area are known to include fens. If fens are present, they should be avoided to the maximum extent possible. If the wetlands are impacted by invasive plants species, enhancement through removal/control of invasives may be a mitigation possibility. (USFWS)

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SECTION K- EARLY COORDINATION

Please list the date coordination was sent and all agencies that were contacted as a part of the development of this Environmental Study. Also, include the date of their response or indicate that no response was received. INDOT and FHWA are automatically considered early coordination participants and should only be listed if a response is received.

Remarks:

Early Coordination was sent on February 4, 2020 (Appendix C, C1-C3). A list of the resource agencies contacted during Early Coordination is provided below, along with their response date (if applicable).

AGENCY	RESPONSE DATE
INDOT Office of Communications	February 4, 2020
U.S. Fish and Wildlife Service	March 23, 2020
Indiana Department of Environmental Management	Automatic Response
USDA Natural Resources Conservation Service	February 12, 2020
INDOT Office of Aviation	February 4, 2020
Indiana Geological Survey	February 4, 2020
U.S. Department of Housing and Urban Development	No Response
Indiana Department of Natural Resources Division of Fish and Wildlife	March 4, 2020
U.S. Army Corps of Engineers	February 14, 2020
National Park Service	No Response
Northwestern Indiana Regional Planning Commission	March 3, 2020
Hobart MS4 Coordinator	February 10, 2020
Lake County Board of Commissioners	No Response
Lake County Surveyor	February 4, 2020
Lake County Highway Superintendent	No Response
Porter County Board of Commissioners	No Response
Porter County MS4 Coordinator	No Response
Porter County Highway Department	No Response
Porter County Surveyor	No Response

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APPENDIX A: INDOT SUPPORTING DOCUMENTS

Categorical Exclusion Level Thresholds

	PCE	Level 1	Level 2	Level 3	Level 4 ¹
Section 106	Falls within guidelines of Minor Projects PA	"No Historic Properties Affected"	"No Adverse Effect"	-	"Adverse Effect" Or Historic Bridge involvement ²
Stream Impacts	No construction in waterways or water bodies	< 300 linear feet of stream impacts	≥ 300 linear feet of stream impacts	-	Individual 404 Permit
Wetland Impacts	No adverse impacts to wetlands	< 0.1 acre	-	< 1 acre	≥ 1 acre
Right-of-way³	Property acquisition for preservation only or none	< 0.5 acre	≥ 0.5 acre	-	-
Relocations	None	-	-	< 5	≥ 5
Threatened/Endangered Species (Species Specific Programmatic for Indiana bat & northern long eared bat)	"No Effect", "Not likely to Adversely Affect" (Without AMMs ⁴ or with AMMs required for all projects ⁵)	"Not likely to Adversely Affect" (With any other AMMs)	-	"Likely to Adversely Affect"	Project does not fall under Species Specific Programmatic
Threatened/Endangered Species (Any other species)	Falls within guidelines of USFWS 2013 Interim Policy	"No Effect", "Not likely to Adversely Affect"	-	-	"Likely to Adversely Affect"
Environmental Justice	No disproportionately high and adverse impacts	-	-	-	Potential ⁶
Sole Source Aquifer	Detailed Assessment Not Required	-	-	-	Detailed Assessment
Floodplain	No Substantial Impacts	-	-	-	Substantial Impacts
Coastal Zone Consistency	Consistent	-	-	-	Not Consistent
National Wild and Scenic River	Not Present	-	-	-	Present
New Alignment	None	-	-	-	Any
Section 4(f) Impacts	None	-	-	-	Any
Section 6(f) Impacts	None	-	-	-	Any
Added Through Lane	None	-	-	-	Any
Permanent Traffic Alteration	None	-	-	-	Any
Coast Guard Permit	None	-	-	-	Any
Noise Analysis Required	No	-	-	-	Yes
Air Quality Analysis Required	No	-	-	-	Yes ⁷
Approval Level	Concurrence by INDOT District Environmental or Environmental Services	Yes	Yes	Yes Yes	Yes Yes Yes

¹Coordinate with INDOT Environmental Services. INDOT will then coordinate with the appropriate FHWA Environmental Specialist.

²Any involvement with a bridge processed under the Historic Bridge Programmatic Agreement.

³Permanent and/or temporary right-of-way.

⁴AMMs = Avoidance and Mitigation Measures.

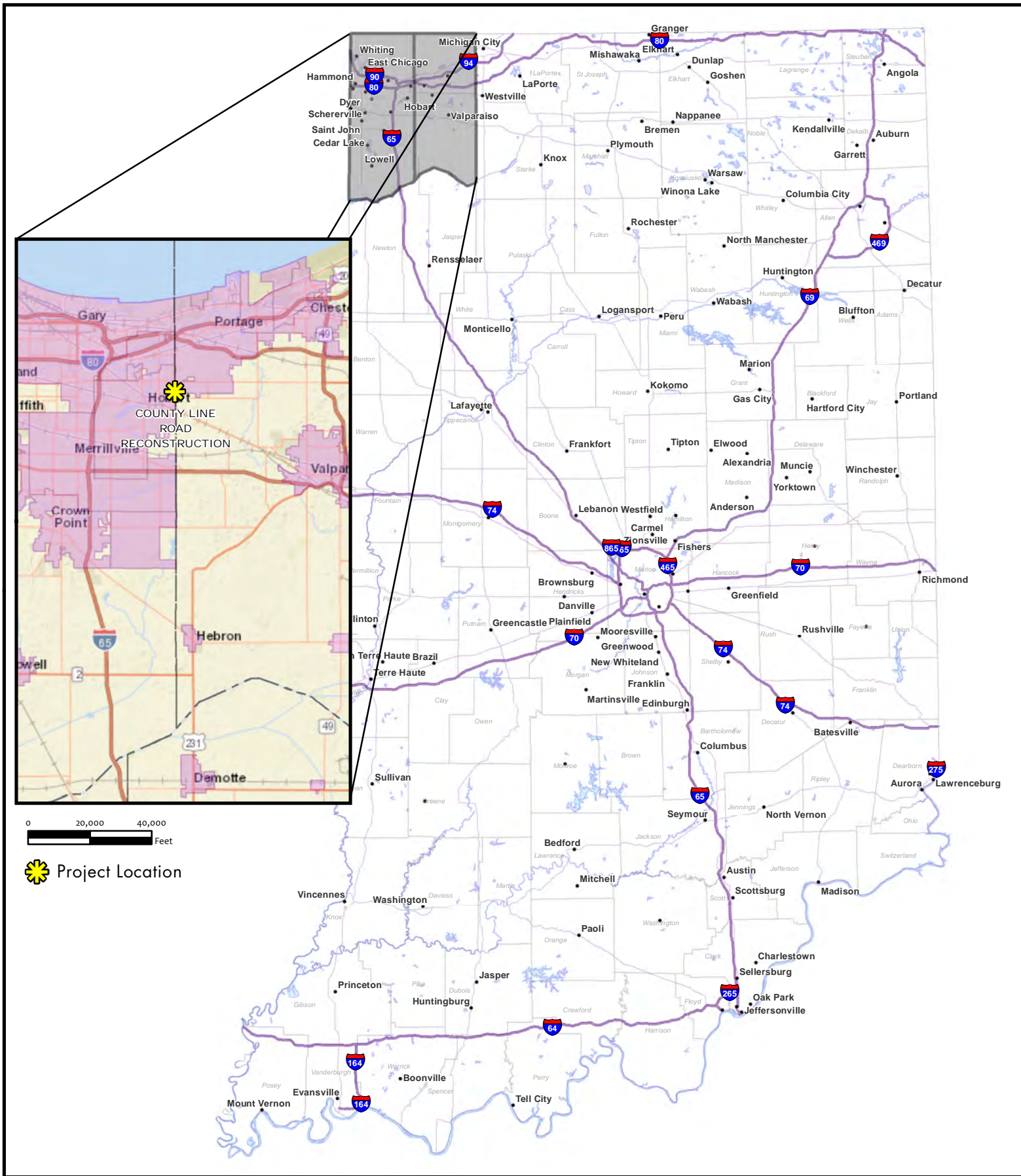
⁵AMMs determined by the IPAC decision key to be needed that are listed in the USFWS User's Guide for the Range-wide Programmatic Consultation for Indiana bat and Northern long-eared bat as "required for all projects".

⁶Potential for causing a disproportionately high and adverse impact.


⁷Hot Spot Analysis and/or MSAT Quantitative Emission Analysis.

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

APPENDIX B: GRAPHICS



0 20,000 40,000 Feet

 Project Location

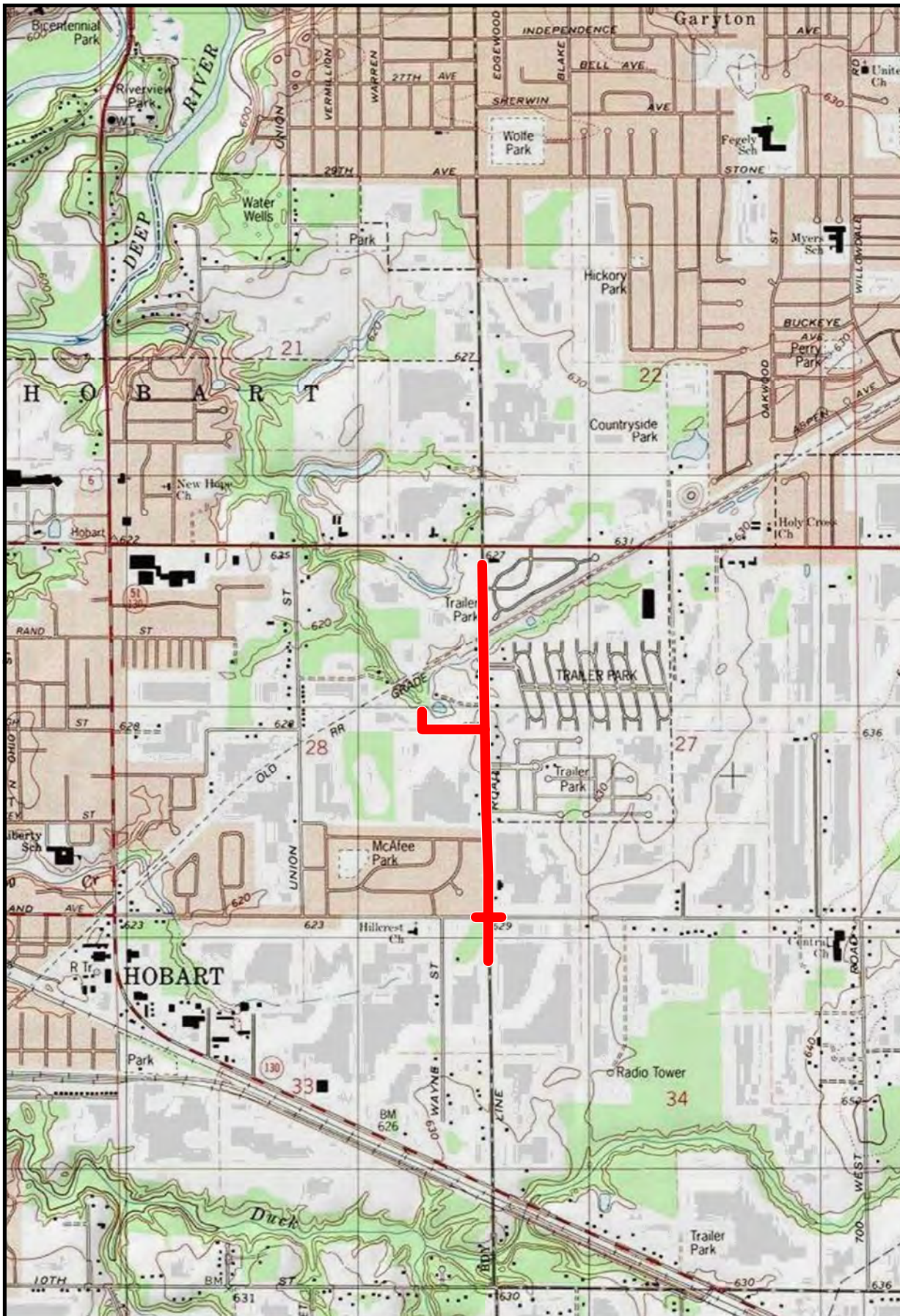
0 80,000 160,000 320,000 Feet



Map Source: Indiana Map

State Map

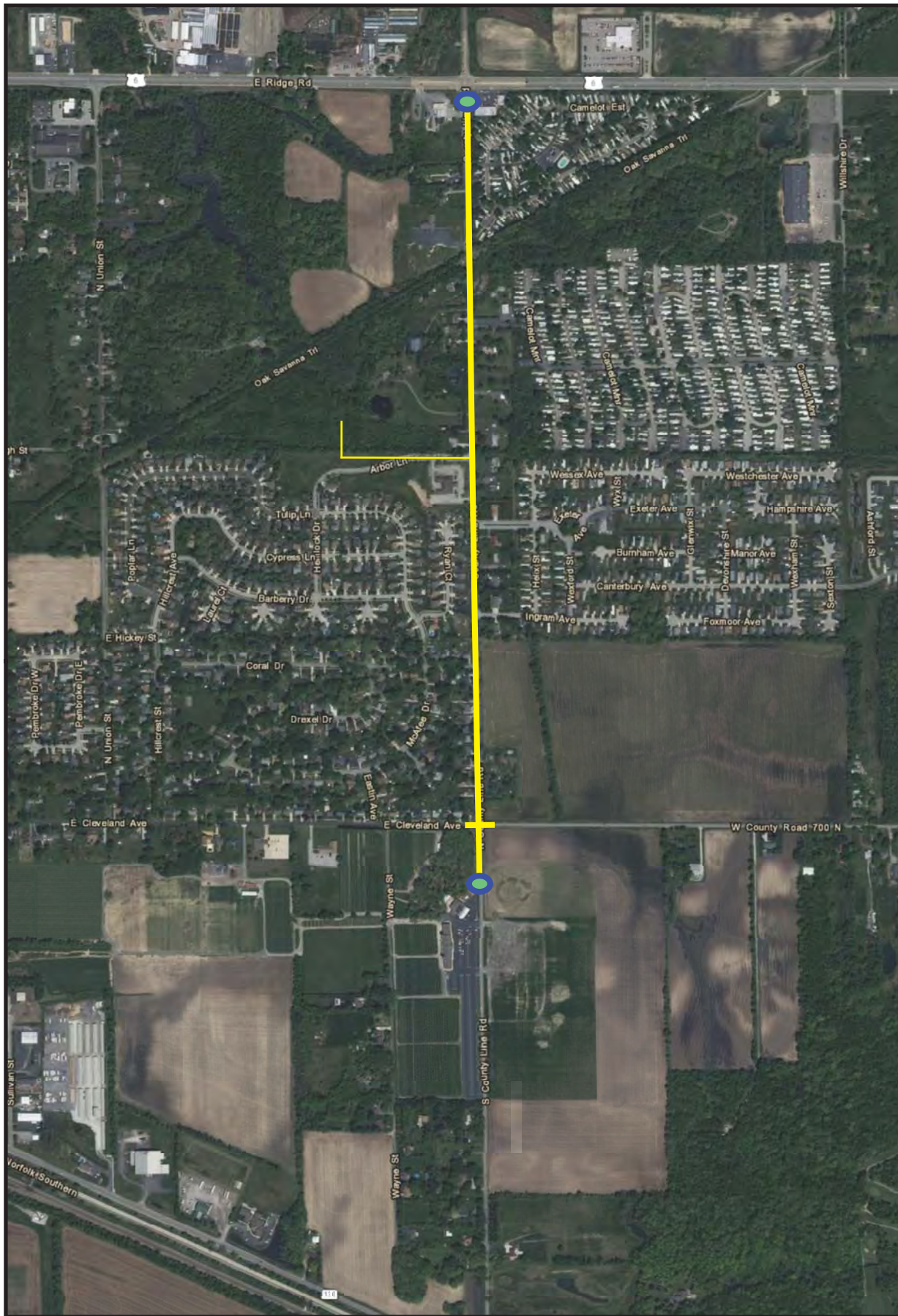
County Line Road Reconstruction
Hobart Township, Lake County and
Portage Township, Porter County
Section 27, 28, 33, 34, Township 36N, Range 7W
Des. No. 1382598 B1



Legend
Project Area

Map Source: Indiana Geological Survey (IGS), IndianaMap, ArcGIS Online (ESRI) USA Topo Maps





Legend

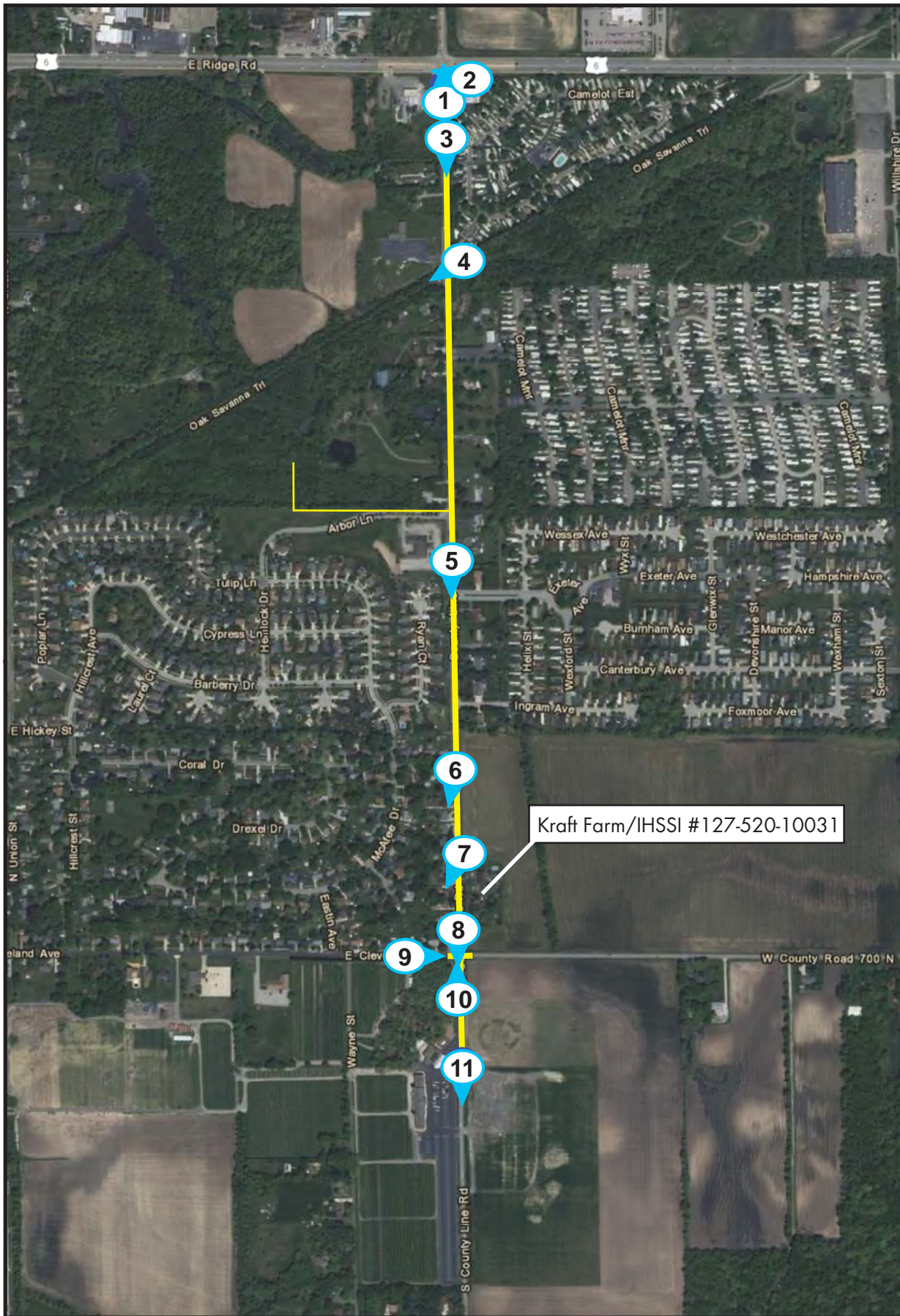
- Project Alignment
- Project Termini

Map Source: IndianaMap, ArcGIS Online (ESRI) World Imagery, IDNR - Division of Historic Preservation and Archaeology (SHAARD)



Aerial Map

County Line Road Reconstruction
Hobart Township, Lake County and
Portage Township, Porter County
Des. No. 1382598



Legend

- Project Alignment
- Project Termini
- # Photo Number



Photo Key

County Line Road Reconstruction
Horbart Township, Lake County and
Portage Township, Porter County
Des. No. 1382598



Photo 1: Looking north along County Line Road at the intersection with US 6



Photo 2: Looking west along US 6 from County Line Road

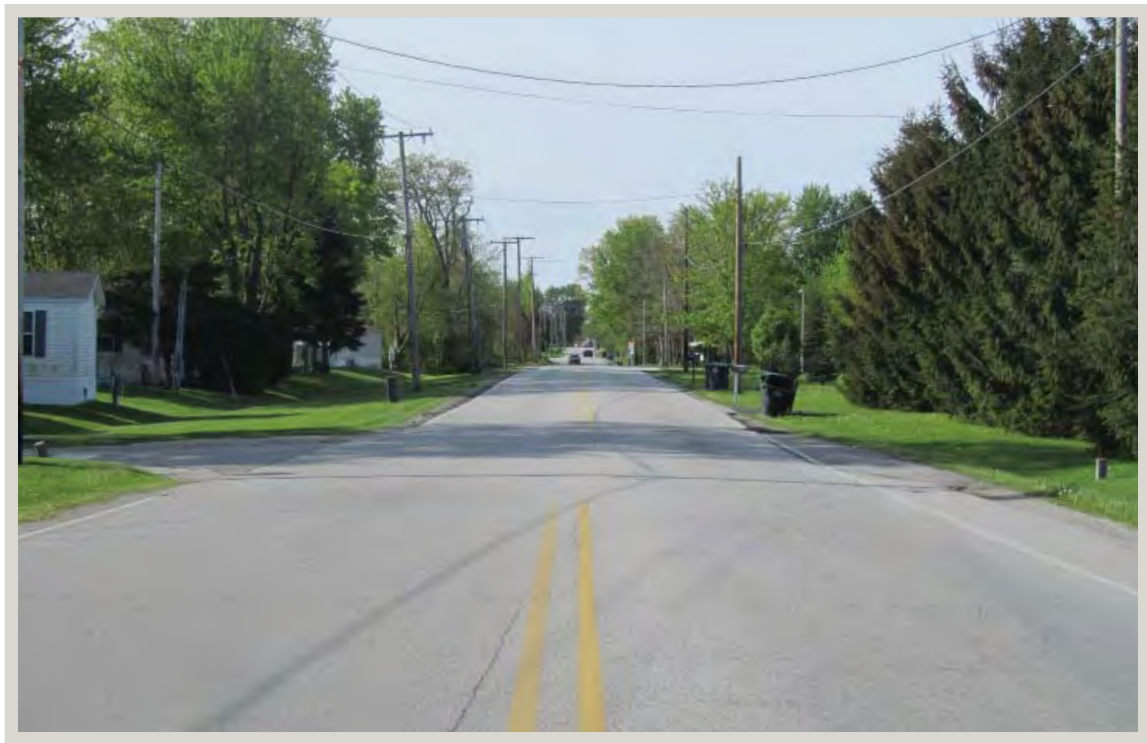


Photo 3: Looking south along County Line Road towards the project area



Photo 4: Looking west at the Prairie Duneland Trail crossing of County Line Road



Photo 5: Looking south along County Line Road from the Calumet Park Funeral Chapel



Photo 6: Looking south along County Line Road from Ingram Avenue



Photo 7: Looking southwest at Ranch houses on County Line Road



Photo 8: Looking south along County Line Road at the intersection with Cleveland Avenue/County Road 700 N.



Photo 9: Looking west along Cleveland Avenue towards the intersection with County Line Road



Photo 10: Looking north along County Line Road towards the intersection with Cleveland Avenue/County Road 600 N.

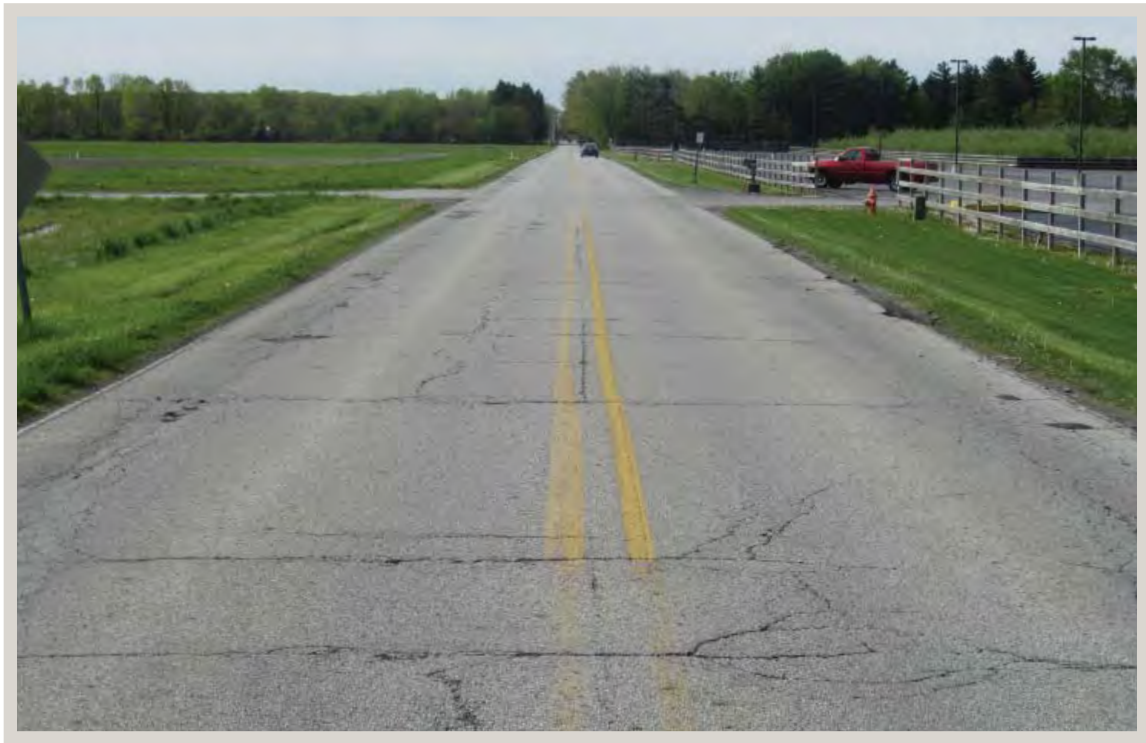


Photo 11: Looking south along County Line Road from County Line Orchard

PROJECT	DESIGNATION
1382598	1382598
CONTRACT	
R-35978	

INDIANA DEPARTMENT OF TRANSPORTATION



ROAD PLANS COUNTY LINE ROAD PROJECT NO. ##### P.E. R/W CONST.

Roadway Reconstruction Of County Line Road Located 1.75 mi. East Of Downtown Hobart In Sections 27, 28, 33 & 34, Township 36 North, Range 7 West In USGS Portage Indiana Quadrangle. Project Runs Along Border Between Hobart Township In Lake County And Portage Township In Porter County.

GROSS LENGTH: 1.03 mi.
NET LENGTH: 1.03 mi.

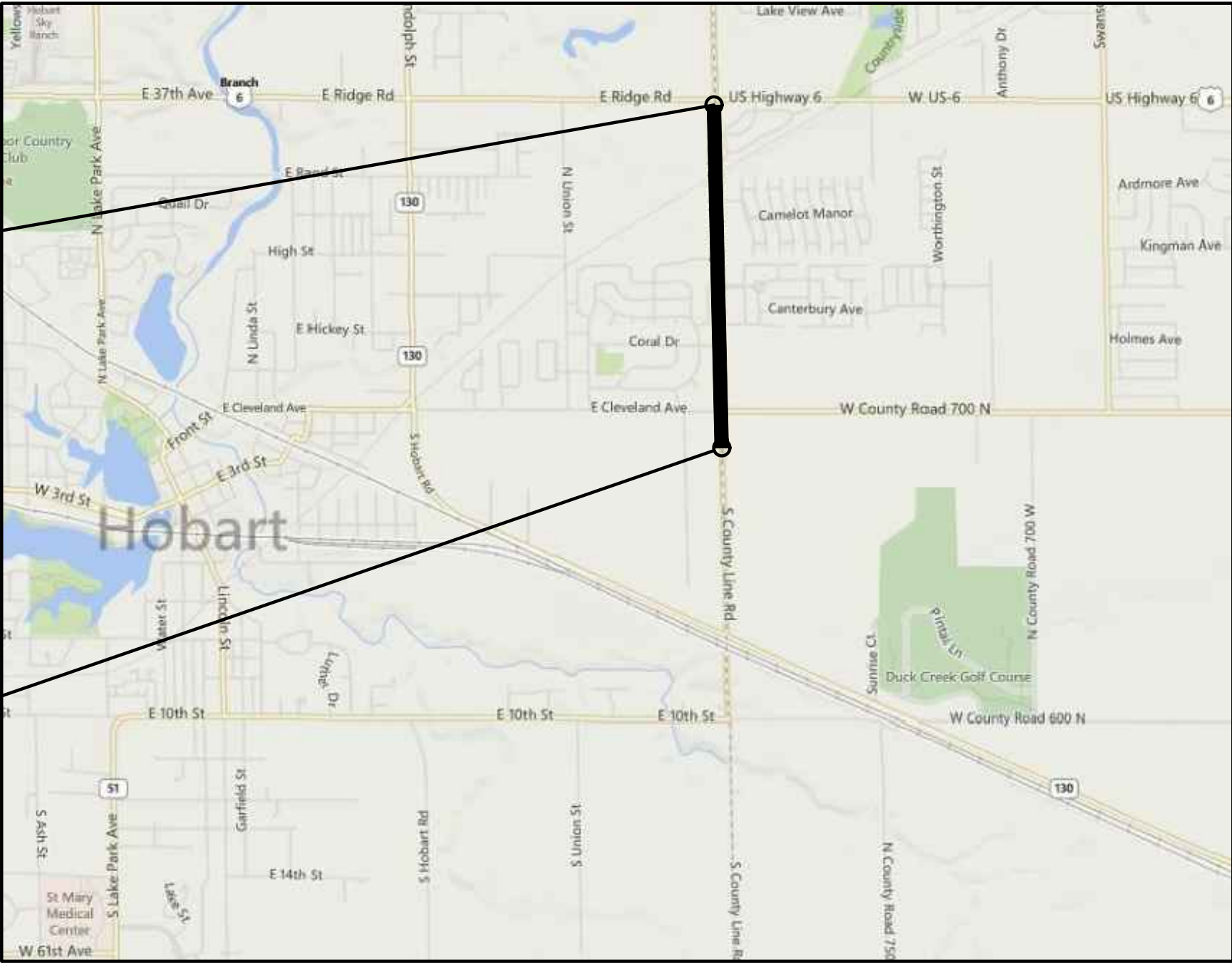
PLAN { LONG: 1" = 20'
TRANS: 1" = 20' PROFILE { HORIZ: 1" = 20'
VERT: 1" = 5' MAX. GRADE: 2.34%

CITY OF HOBART

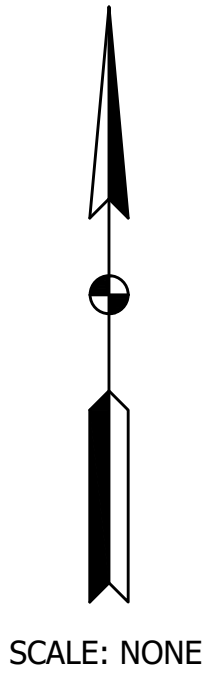
NAME	TITLE
NAME	TITLE
NAME	TITLE
NAME	TITLE
NAME	TITLE

End Project
P.O.T. Sta. 113+00.00 "A"

Begin Project
P.O.T. Sta. 58+50.00 "A"

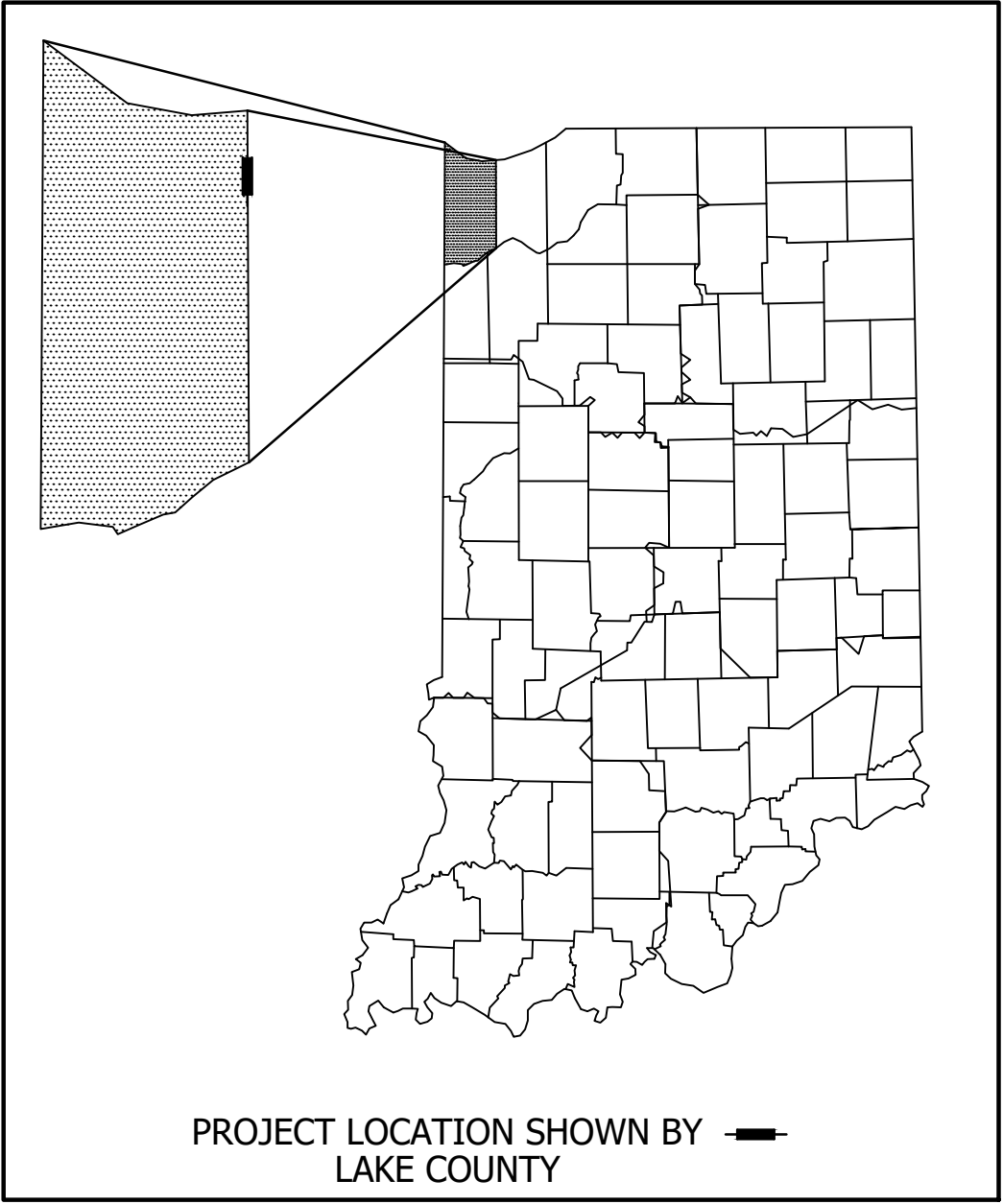


VICINITY MAP
LAKE COUNTY



SCALE: NONE

TRAFFIC DATA	County Line Road
A.A.D.T. (2015)	6000 V.P.D.
A.A.D.T. (2040)	9885 V.P.D.
D.H.V. (2040)	988 V.P.H.
DIRECTIONAL DISTRIBUTION	50 %
TRUCKS	5 % A.A.D.T.
	5 % D.H.V.
DESIGN DATA	
DESIGN SPEED	40
PROJECT DESIGN CRITERIA	Reconstruction/Non-Freeway
FUNCTIONAL CLASSIFICATION	Minor Arterial
RURAL/URBAN	Urban (Intermediate)
TERRAIN	Level
ACCESS CONTROL	None



LATITUDE: 41°32'35" N. LONGITUDE: 87°13'14" W.

FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES.
REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES.

PLANS PREPARED BY:	Butler Fairman and Seufert Inc. (317)713-4615
CERTIFIED BY:	PHONE
APPROVED FOR LETTING:	DATE
	INDIANA DEPARTMENT OF TRANSPORTATION DATE

INDIANA DEPARTMENT OF TRANSPORTATION STANDARD
SPECIFICATIONS DATED 2018 TO BE USED WITH THESE PLANS.

	BRIDGE FILE
	DESIGNATION
	1382598
SURVEY BOOK	SHEET
	1 OF
CONTRACT	PROJECT
R-35978	1382598

<p>COMMUNICATIONS: Comcast 16 W. 84th St. Merrillville, IN 46305 (224)229-6850 Attn: Larry Smith larry_smith3@cable.comcast.com</p>	<p>ELECTRIC: NIPSCO 801 E. 86th St. Merrillville, IN 46410 (219)647-5036 Attn: Jerriid Yankauskas jyankauskas@nisource.com</p>
<p>Frontier Communications 2401 Chicago St. Valparaiso, IN 46383 (219)531-9237 Attn: Alison Buchanan alison.buchanan@ftr.com</p>	<p>ELECTRIC/GAS: NIPSCO 801 E. 86th St. Merrillville, IN 46410 (219)647-9122 Attn: Michelle Voss mvoss@nisource.com</p>
<p>WATER: Indiana American Water 555 E. County Line Rd. Greenwood, IN 46143 (317)885-2444 Attn: Mike Seals michael.seals@amwwater.com</p>	
<p>STORM/SEWER: City of Hobart 414 Main St. Hobart, IN 46342 (219)947-3407 Attn: Philip Graik pgraik@cityofhobart.org</p>	

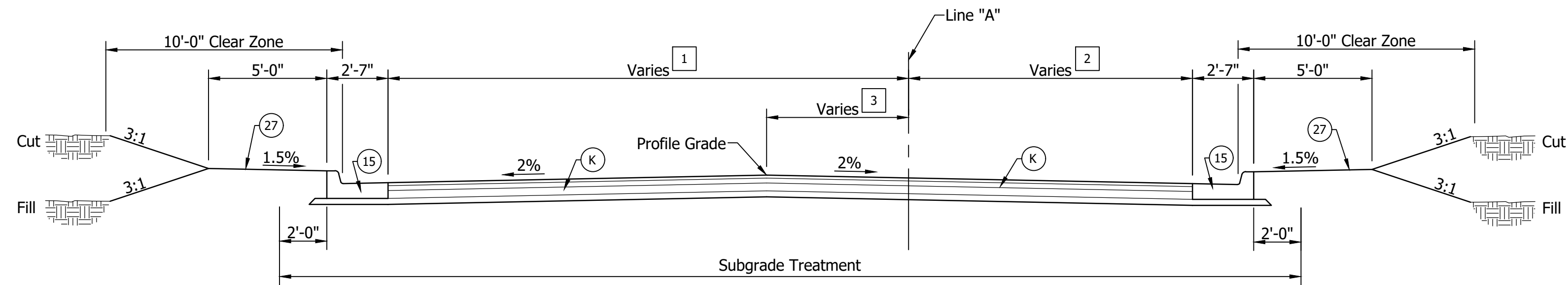
[illegible]

	All earth shoulders, median areas, and cut and fill slopes shall be plain or mulch seeded except where sodding is specified.
	The final cross sections of the grading contract will be the original cross sections of the paving contract. However, partial or complete cross sections shall be taken if necessary to determine the actual excavation quantities.
	The paper relocation will be cross sectioned by the Engineer before construction.
	Existing asphalt pavement located outside the construction limits, between Sta. <u>00+00</u> and Sta. <u>00+00</u> shall be removed as directed.
	The quantity of Peat "Excavation" as shown on the plans has been estimated on the basis of theoretical cross-sections by using treatment of existing fills, treatment by removal, or treatment by displacement where each treatment applies.
	Contractor shall verify the existing flowline elevation to set appropriate sump depth.
**	REPRESENTS GENERAL NOTES REQUIRED

[illegible]

INDIANA DEPARTMENT OF TRANSPORTATION
INDEX

HORIZONTAL SCALE	BRIDGE FILE
NONE	
VERTICAL SCALE	DESIGNATION
NONE	1382598
SURVEY BOOK	SHEET
	2 OF
CONTRACT	PROJECT
R-35978	1382598



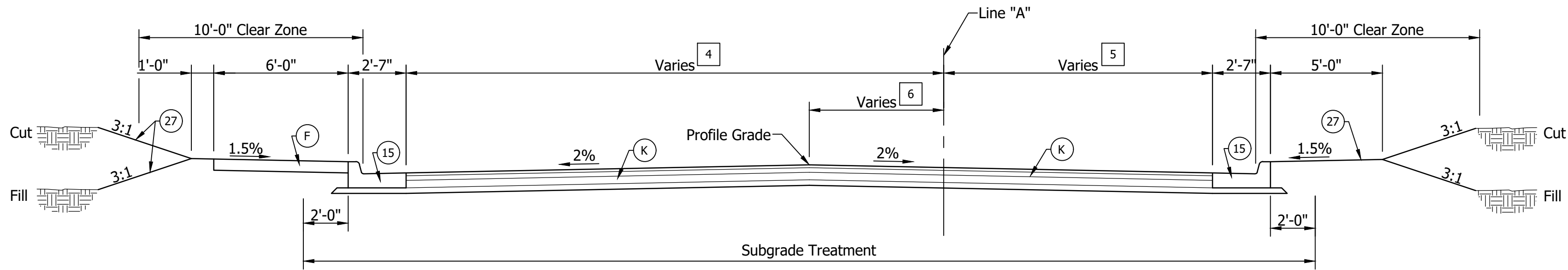
- 1 Varies 10'-6" to 22'-0" from 58+50.00 to 61+98.00 "A"
22'-0" from 61+98.00 to 62+69.62 "A"
- 3 Varies 0'-0" to 6'-0" from 58+50.00 to 61+98.00 "A"
6'-0" from 61+98.00 to 62+69.62 "A"

TYPICAL CROSS SECTION - COUNTY LINE ROAD

Scale: 1/4" = 1'-0"

Sta. 58+50.00 "A" to Sta. 62+69.62 "A"

- 2 Varies 11'-5" to 11'-0" from 58+50.00 to 59+50.00 "A"
11'-0" from 59+50.00 to 62+69.62 "A"



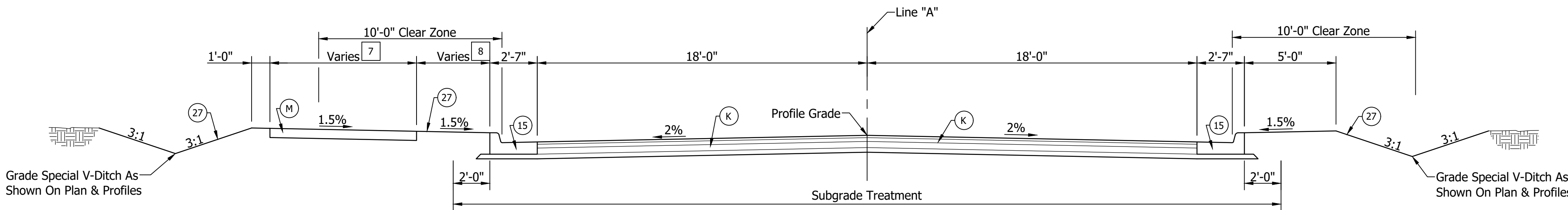
- 4 22'-0" from 62+69.62 to 69+00.00 "A"
Varies 22'-0" to 18'-0" from 69+00.00 to 72+50.00 "A"
- 6 6'-0" from 62+69.62 to 69+00.00 "A"
Varies 6'-0" to 0'-0" from 69+00.00 to 72+50.00 "A"

TYPICAL CROSS SECTION - COUNTY LINE ROAD

Scale: 1/4" = 1'-0"

Sta. 62+69.62 "A" to Sta. 72+50.00 "A"

- 5 11'-0" from 62+69.62 to 69+00.00 "A"
Varies 11'-0" to 18'-0" from 69+00.00 to 72+50.00 "A"



- 7 6'-0" from 72+50.00 to 74+75.00 "A"
Varies 6'-0" to 8'-0" from 74+75.00 to 75+25.00 "A"
8'-0" from 75+25.00 to 113+00.00 "A"
- 8 0' from 72+50.00 to 74+75.00 "A"
Varies 0' to 4'-0" from 74+75.00 to 75+25.00 "A"
4'-0" from 75+25.00 to 90+05.00 "A"
Varies 4'-0" to 13'-6" from 90+05.00 to 90+55.00 "A"
13'-6" from 90+55.00 to 91+00.00 "A"
Varies 13'-6" to 4'-0" from 91+00.00 to 91+50.00 "A"
4'-0" from 91+50.00 to 113+00.00 "A"

TYPICAL CROSS SECTION - COUNTY LINE ROAD

Scale: 1/4" = 1'-0"

Sta. 72+50.00 "A" to Sta. 113+00.00 "A"

- LEGEND**
- (F) Concrete Sidewalk, 6"
 - (K) HMA Pavement
 - (M) HMA Multi-Use Path
 - (15) Curb & Gutter, Combined
 - (27) Seed Mixture, Type 'R'

RECOMMENDED
FOR APPROVAL: _____
DESIGN ENGINEER DATE

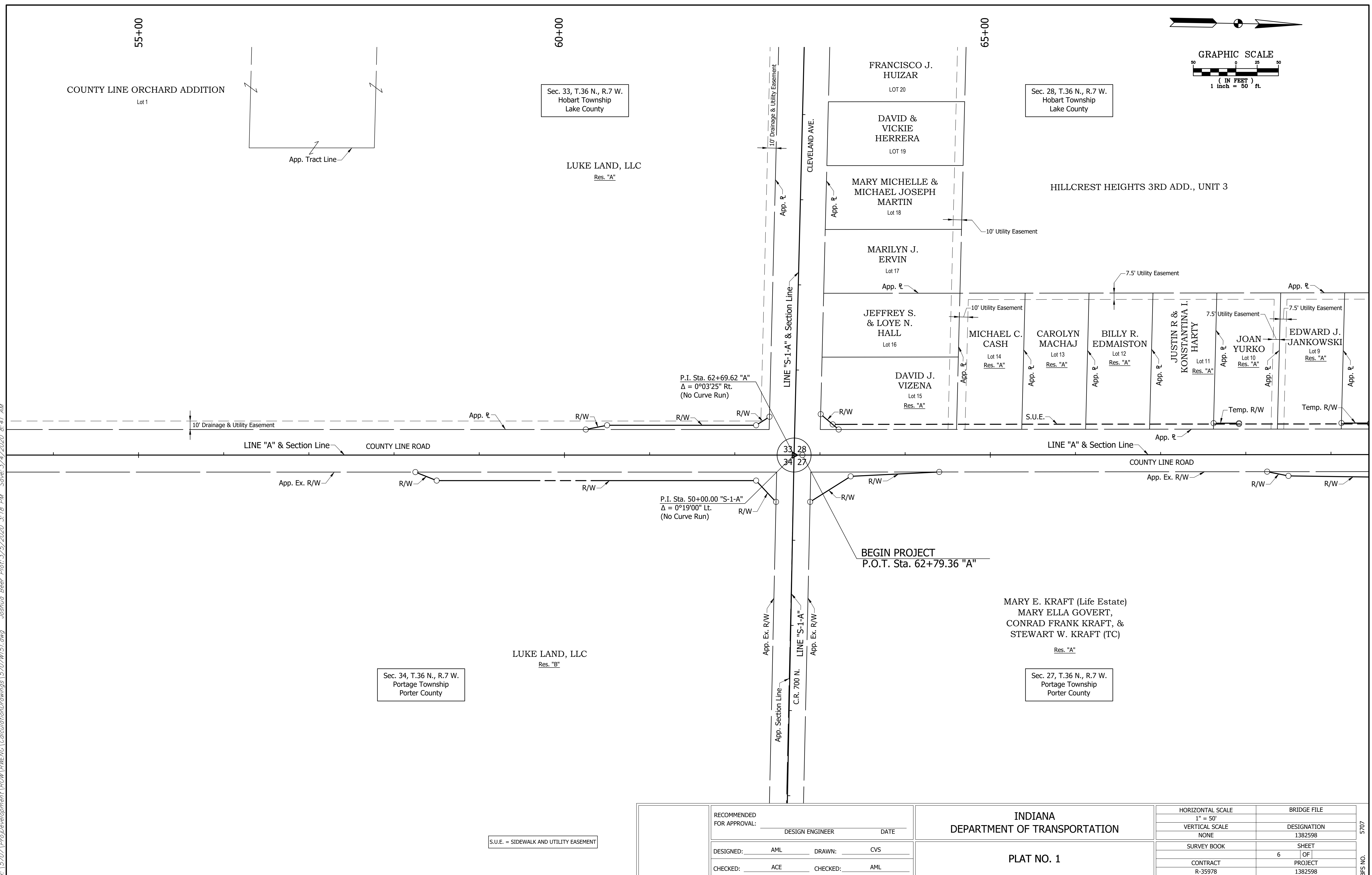
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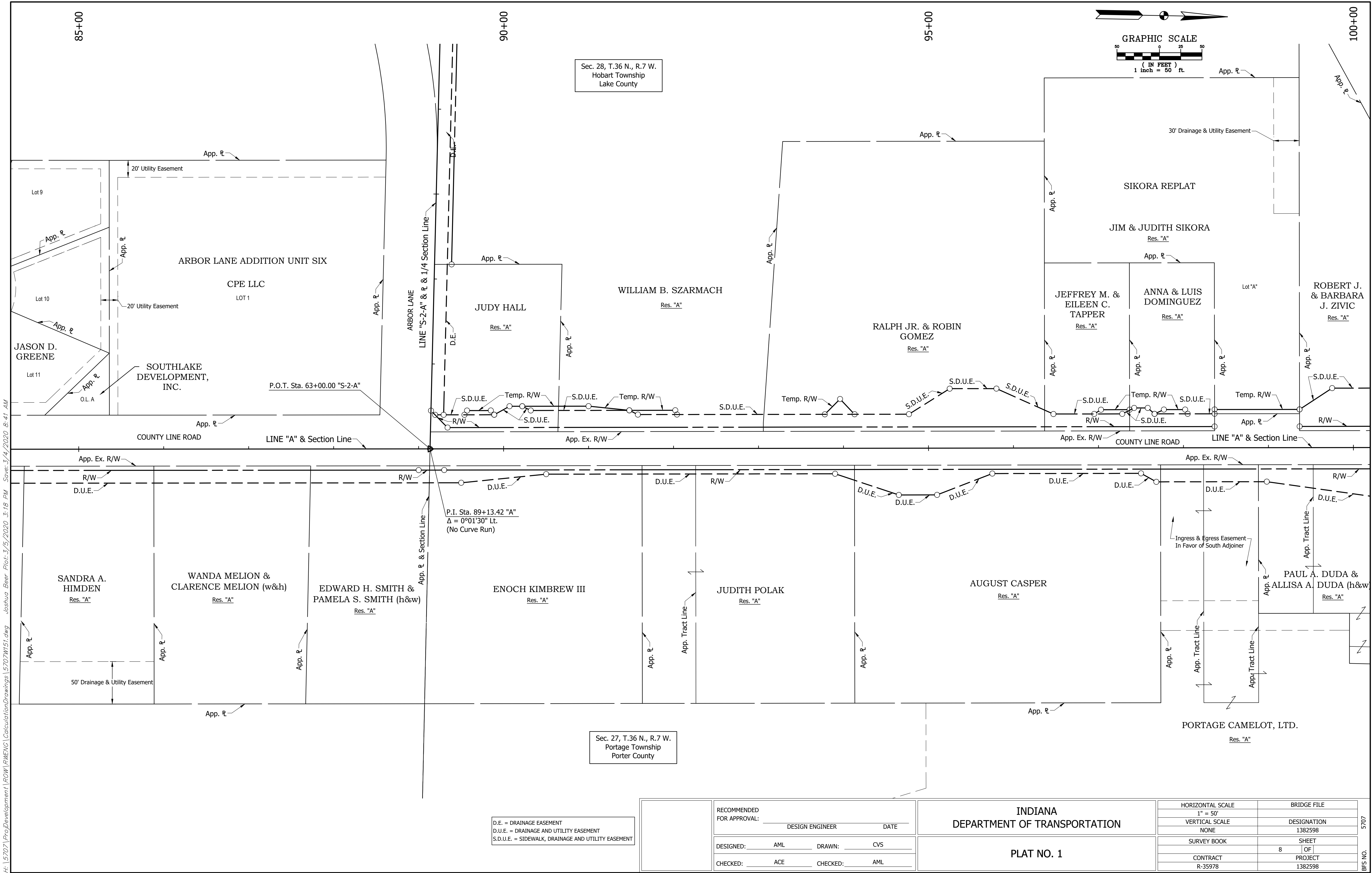
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INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

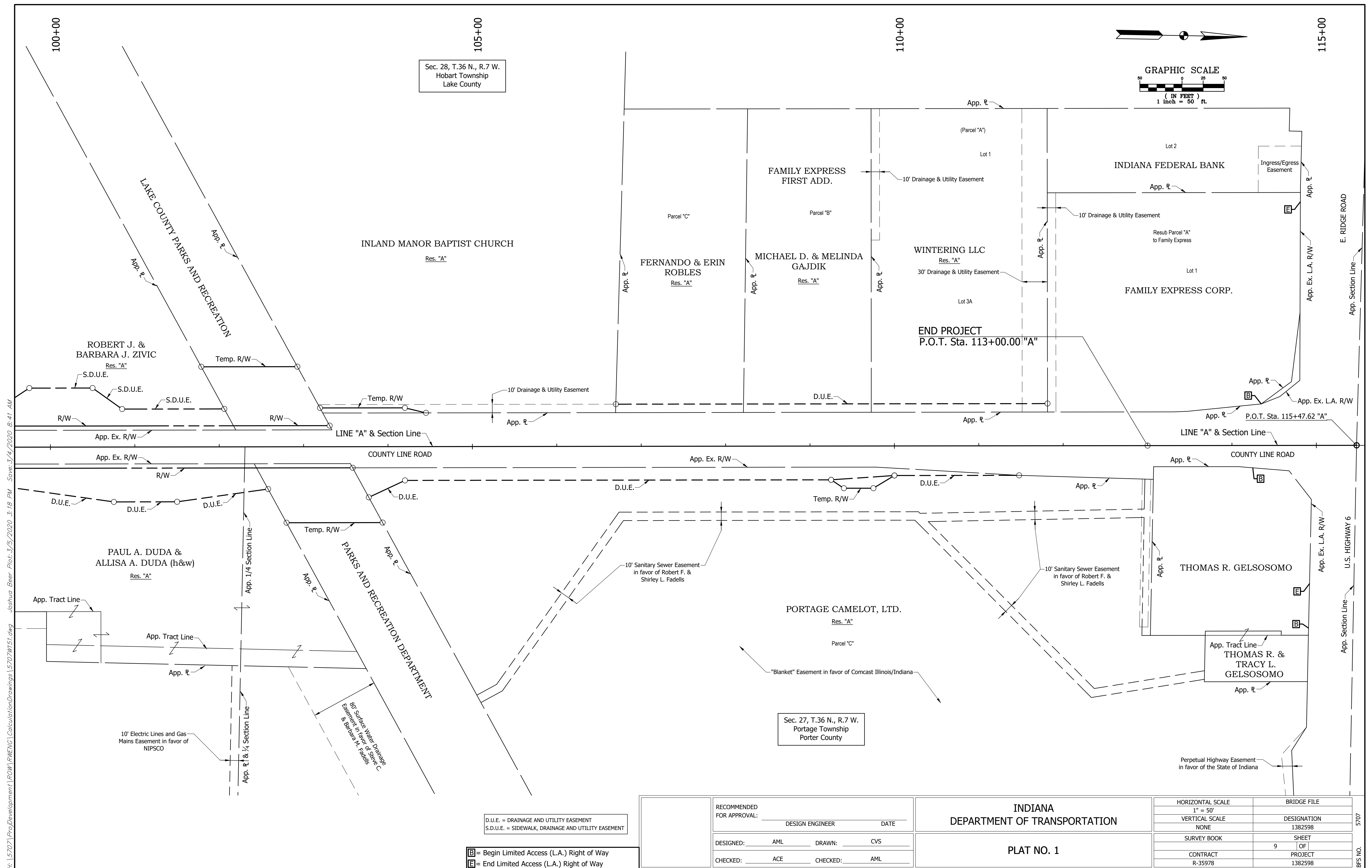
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VERTICAL SCALE AS SHOWN	DESIGNATION 1382598
SURVEY BOOK	SHEET 4 OF
CONTRACT R-35978	PROJECT 1382598



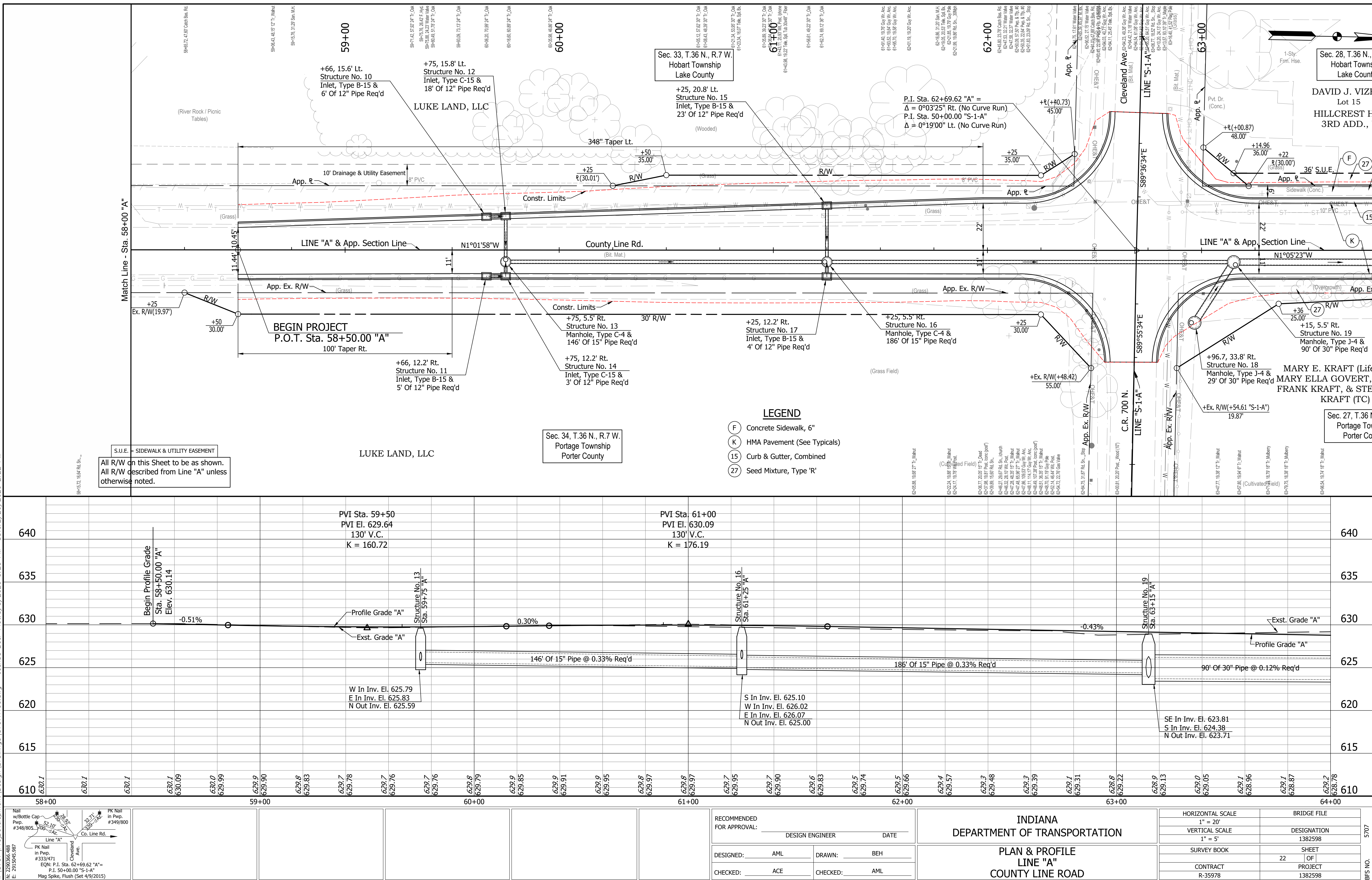


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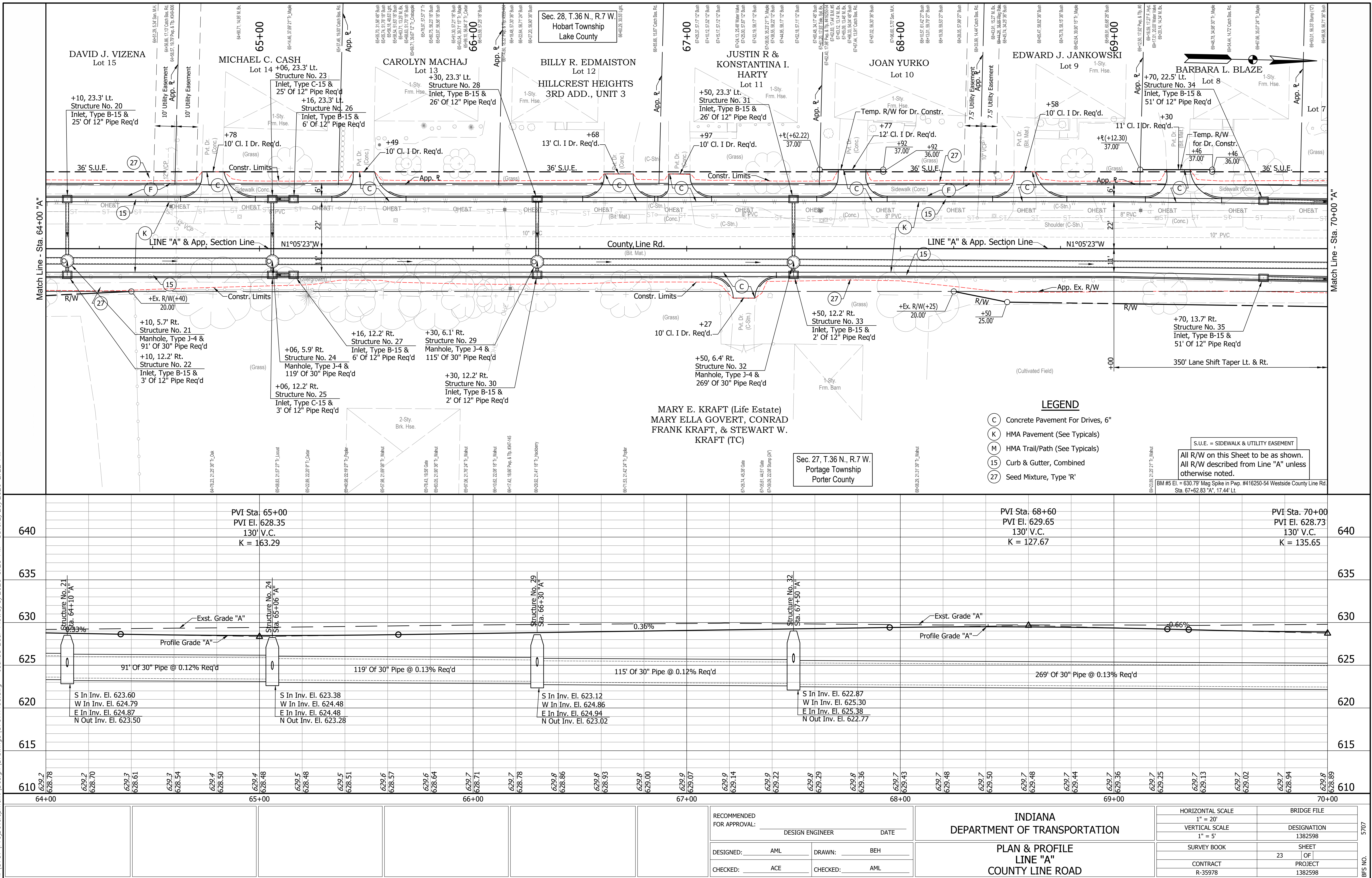
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BFS NO.

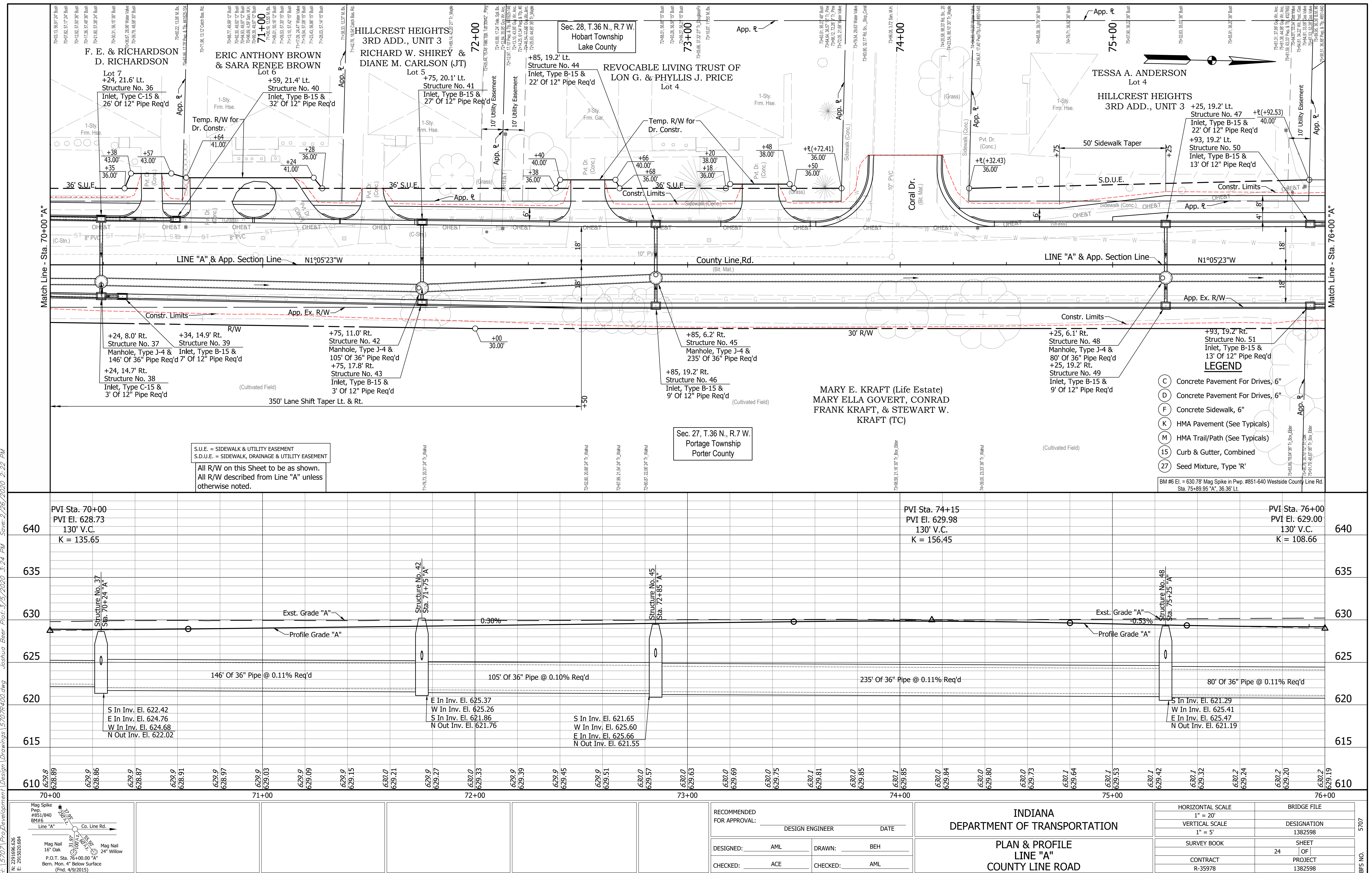


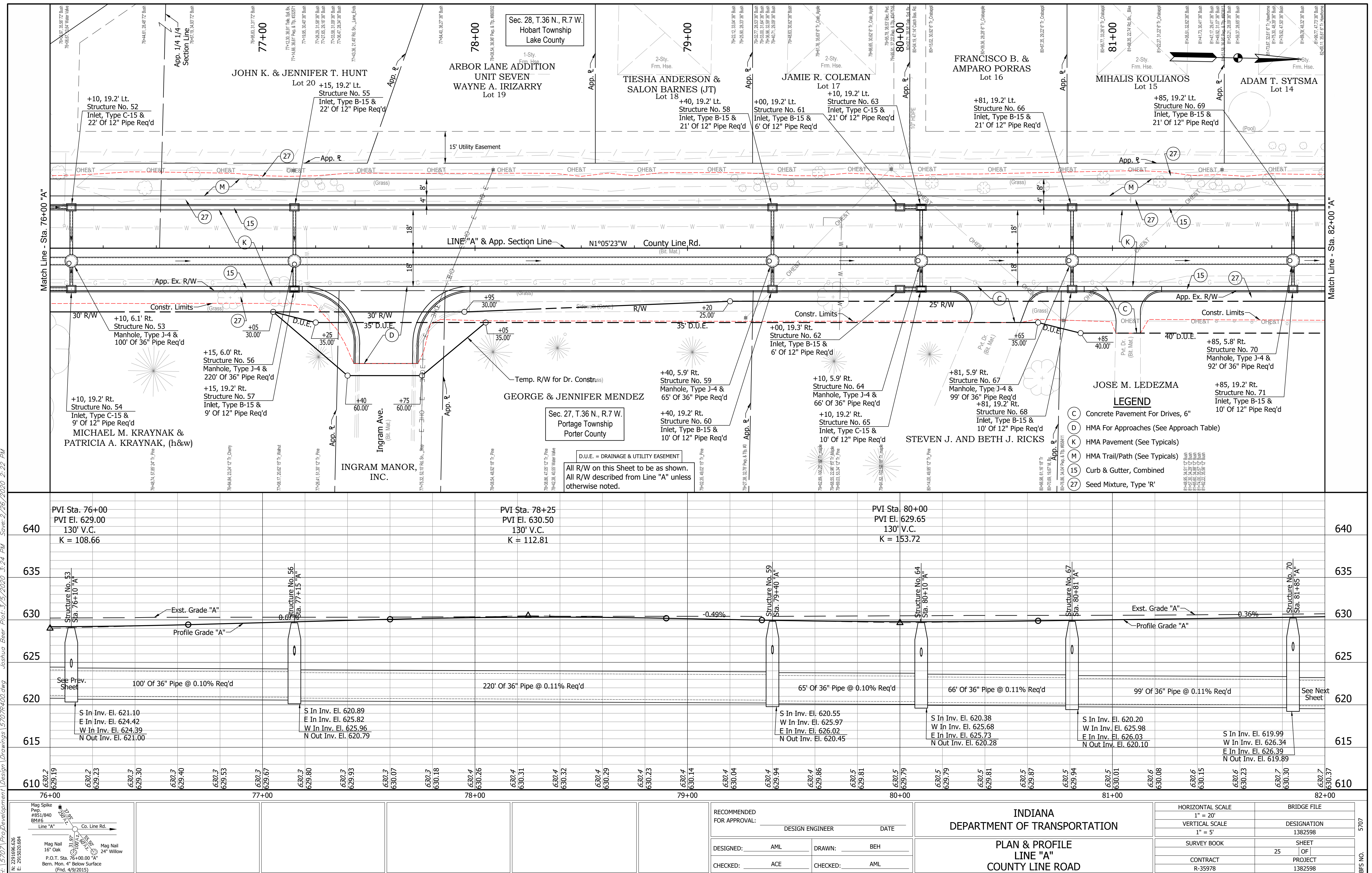
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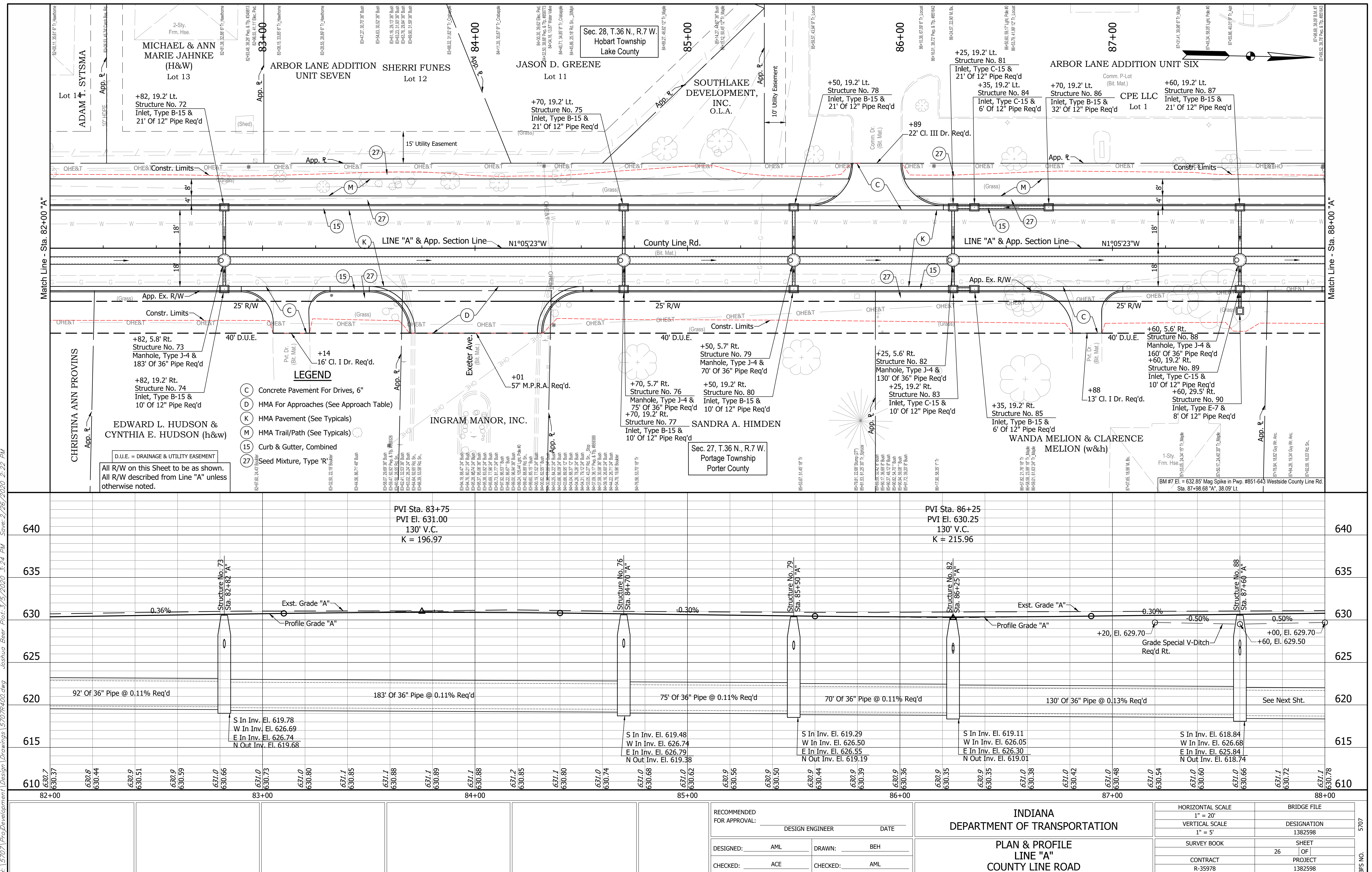


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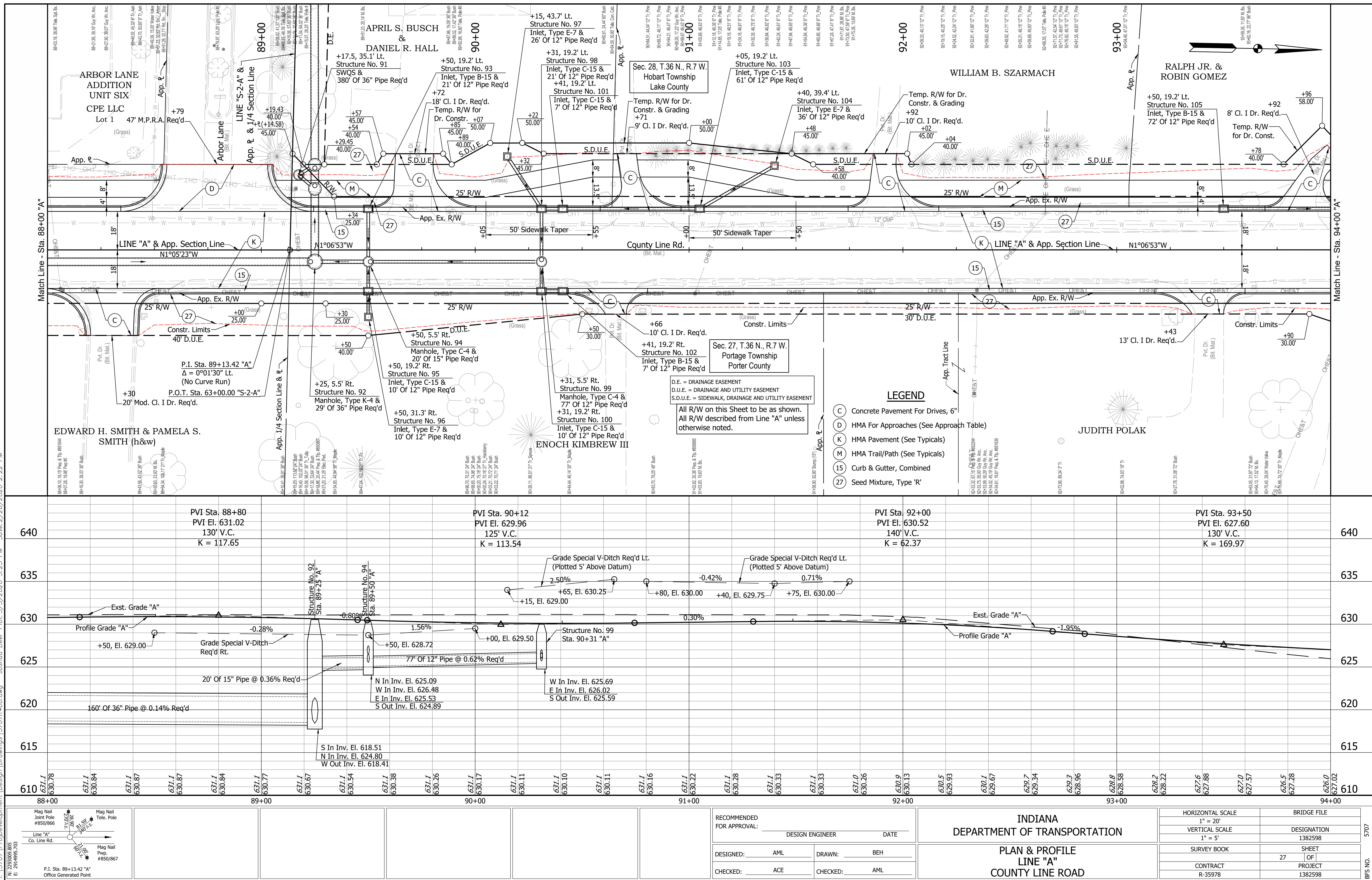




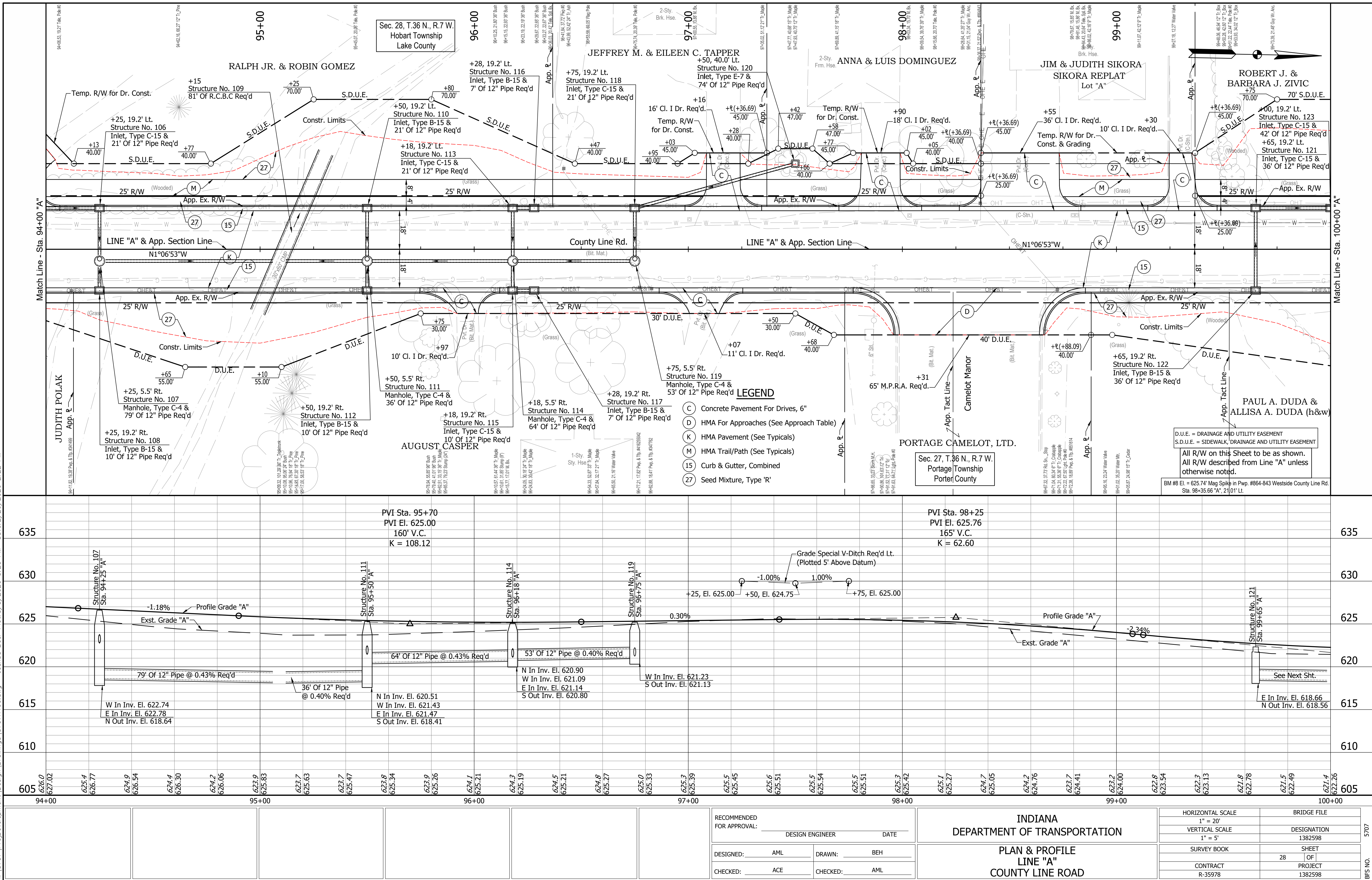




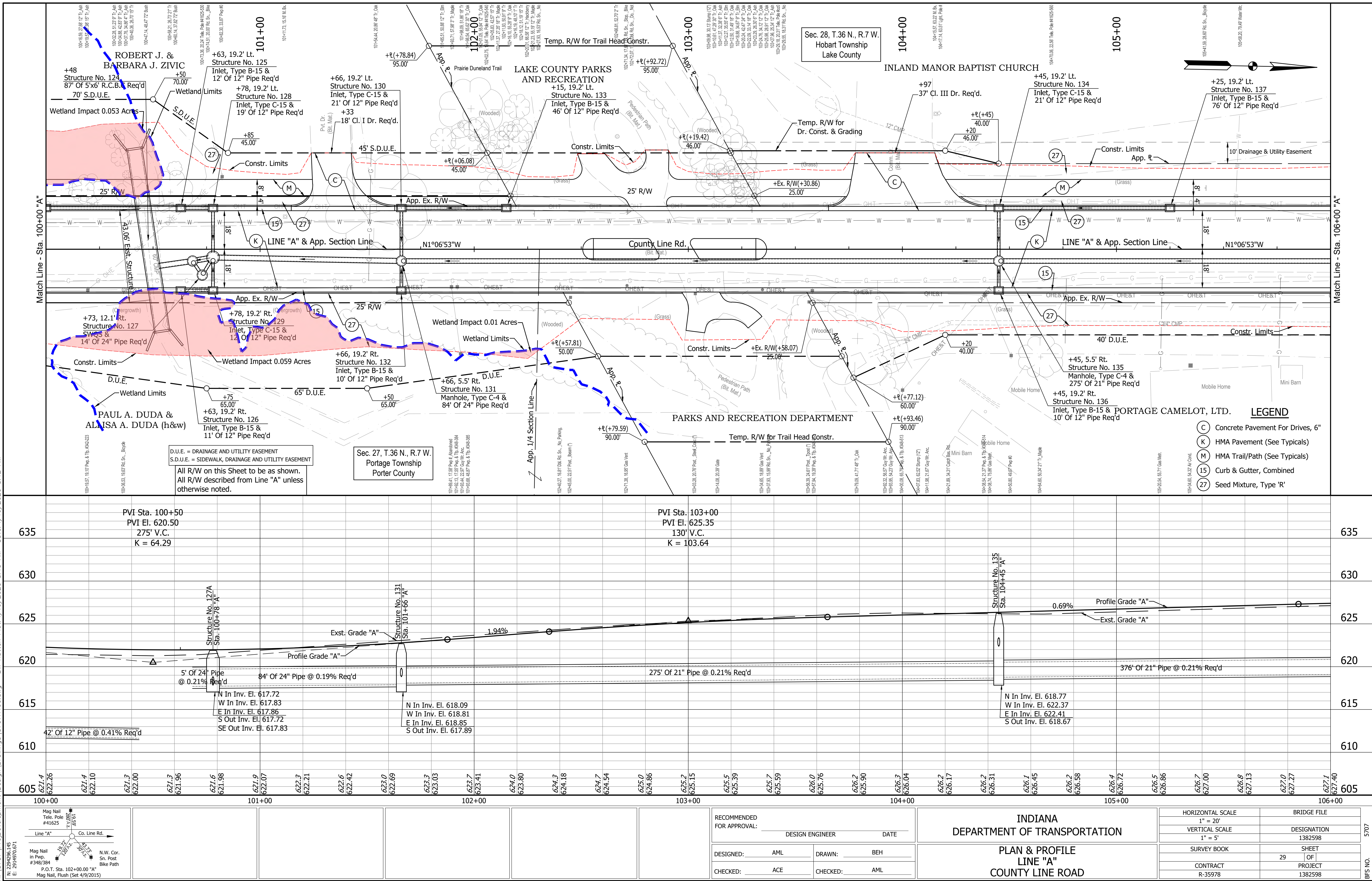
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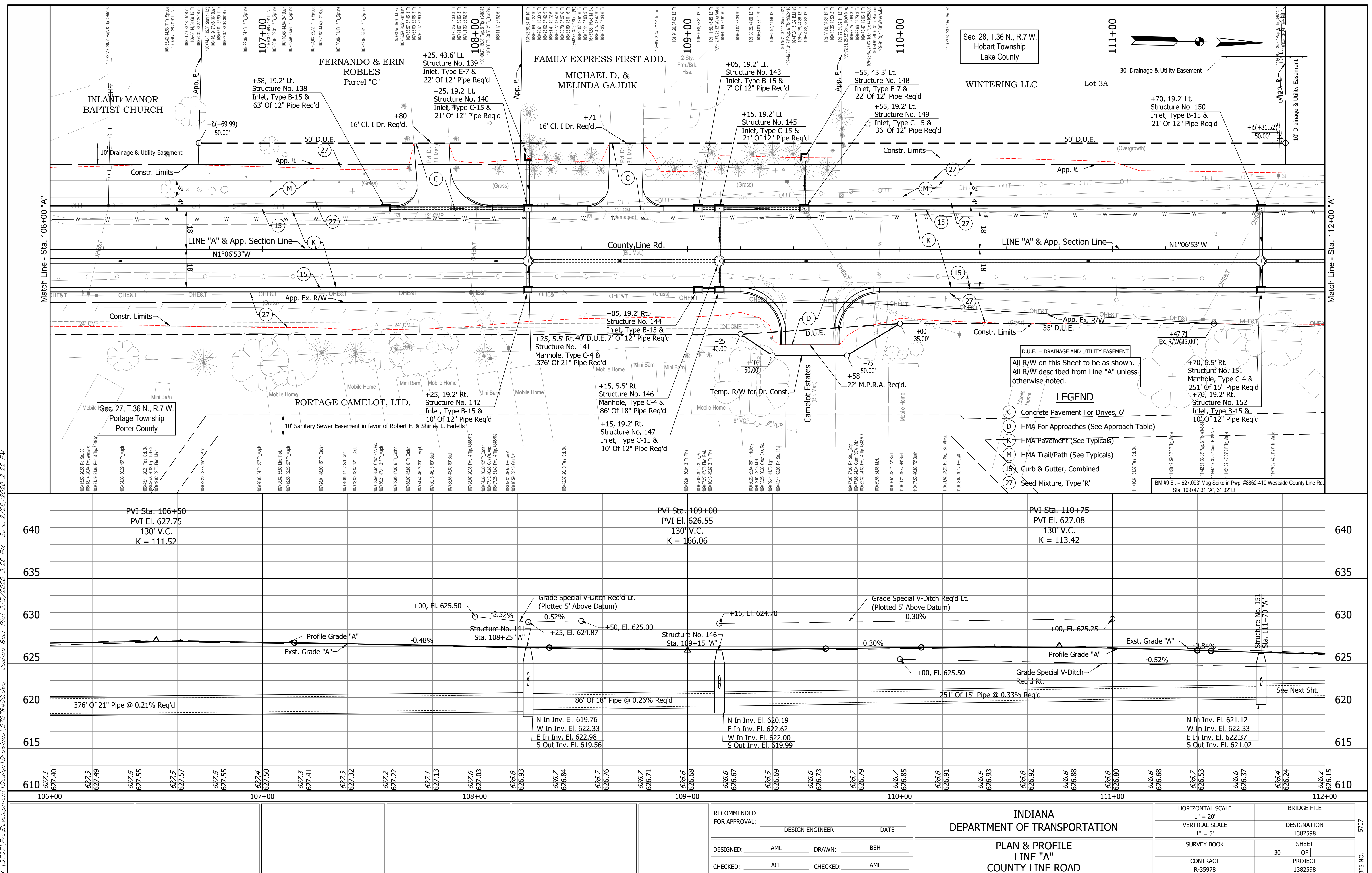


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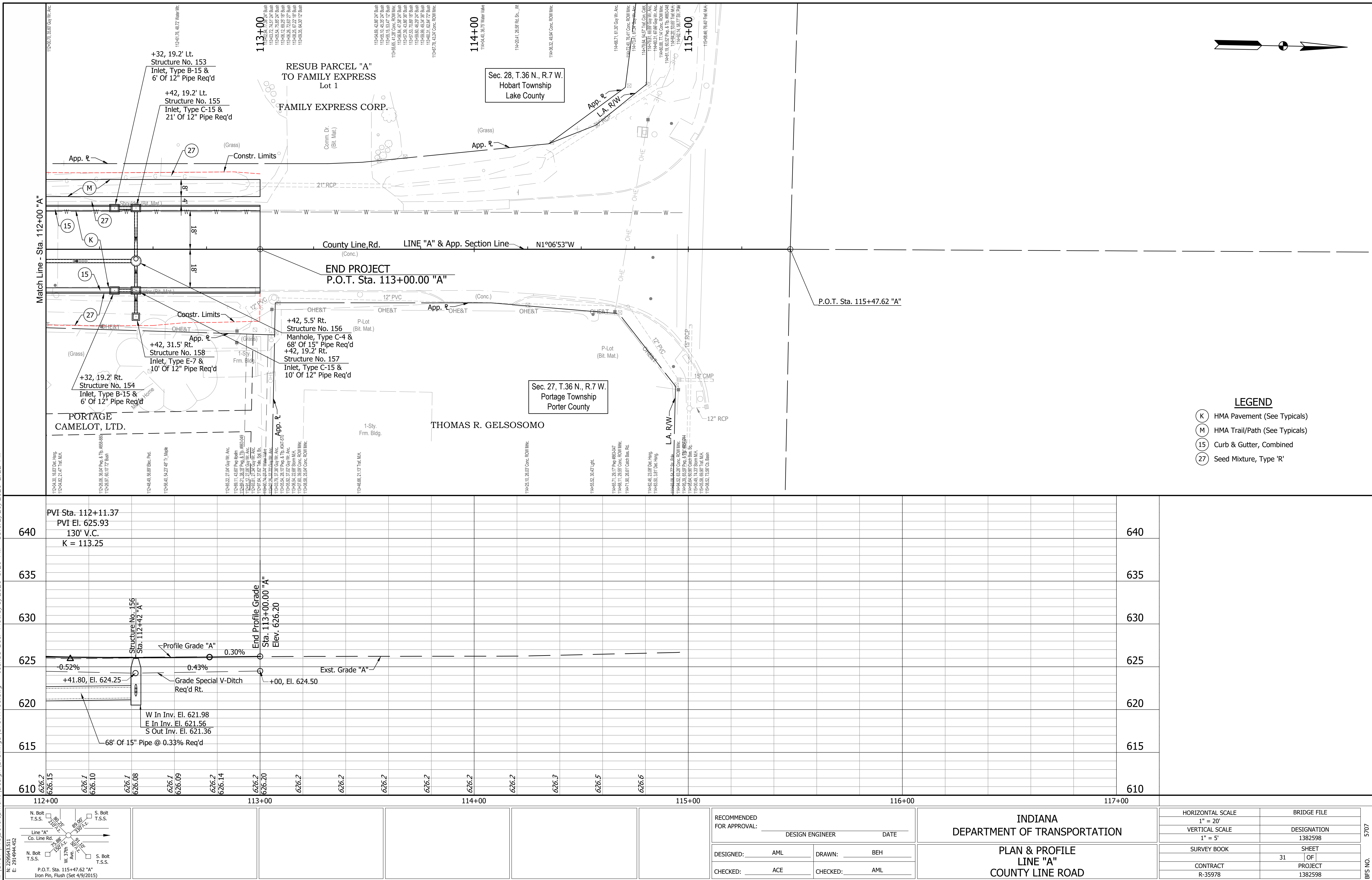


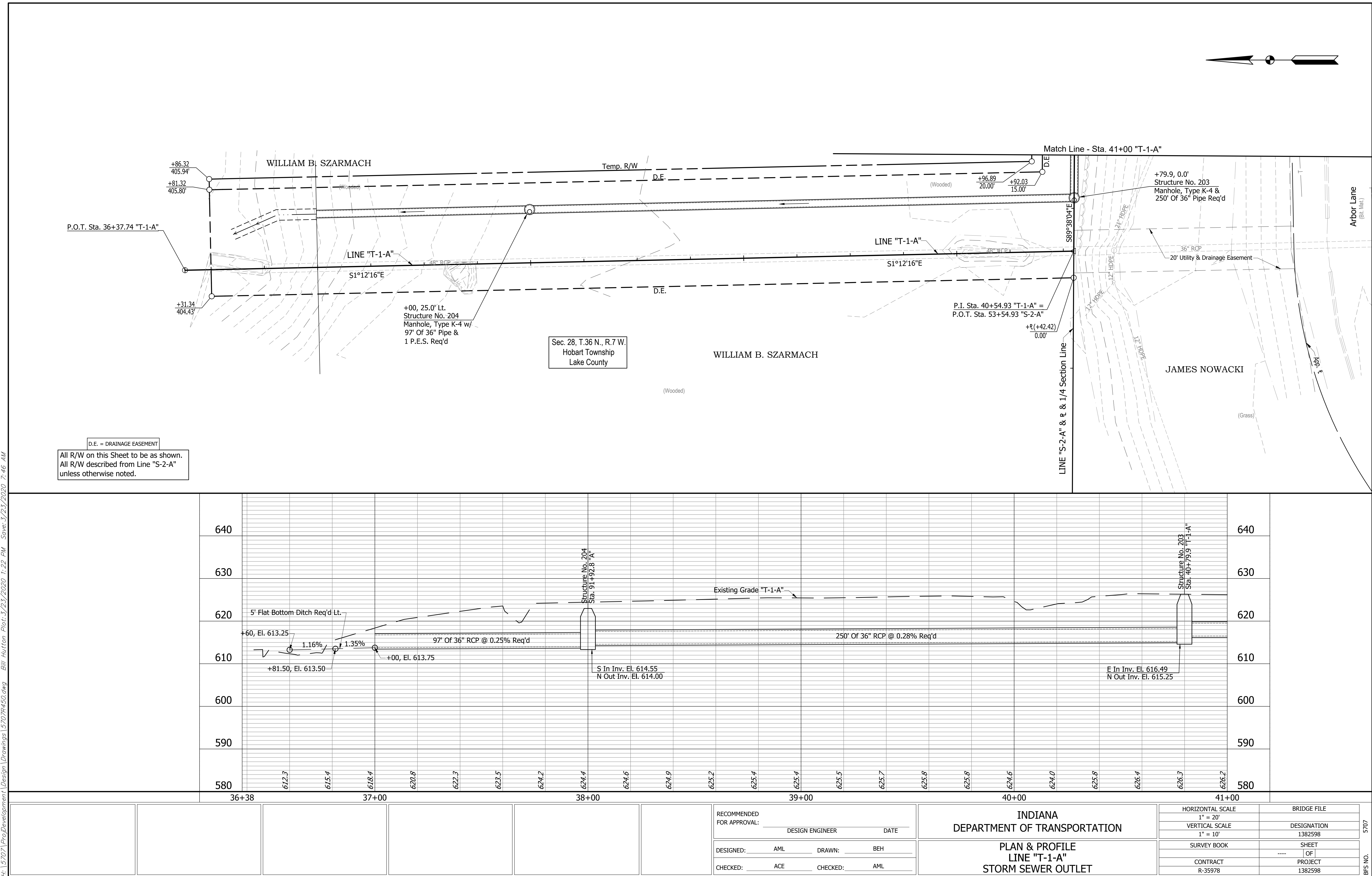
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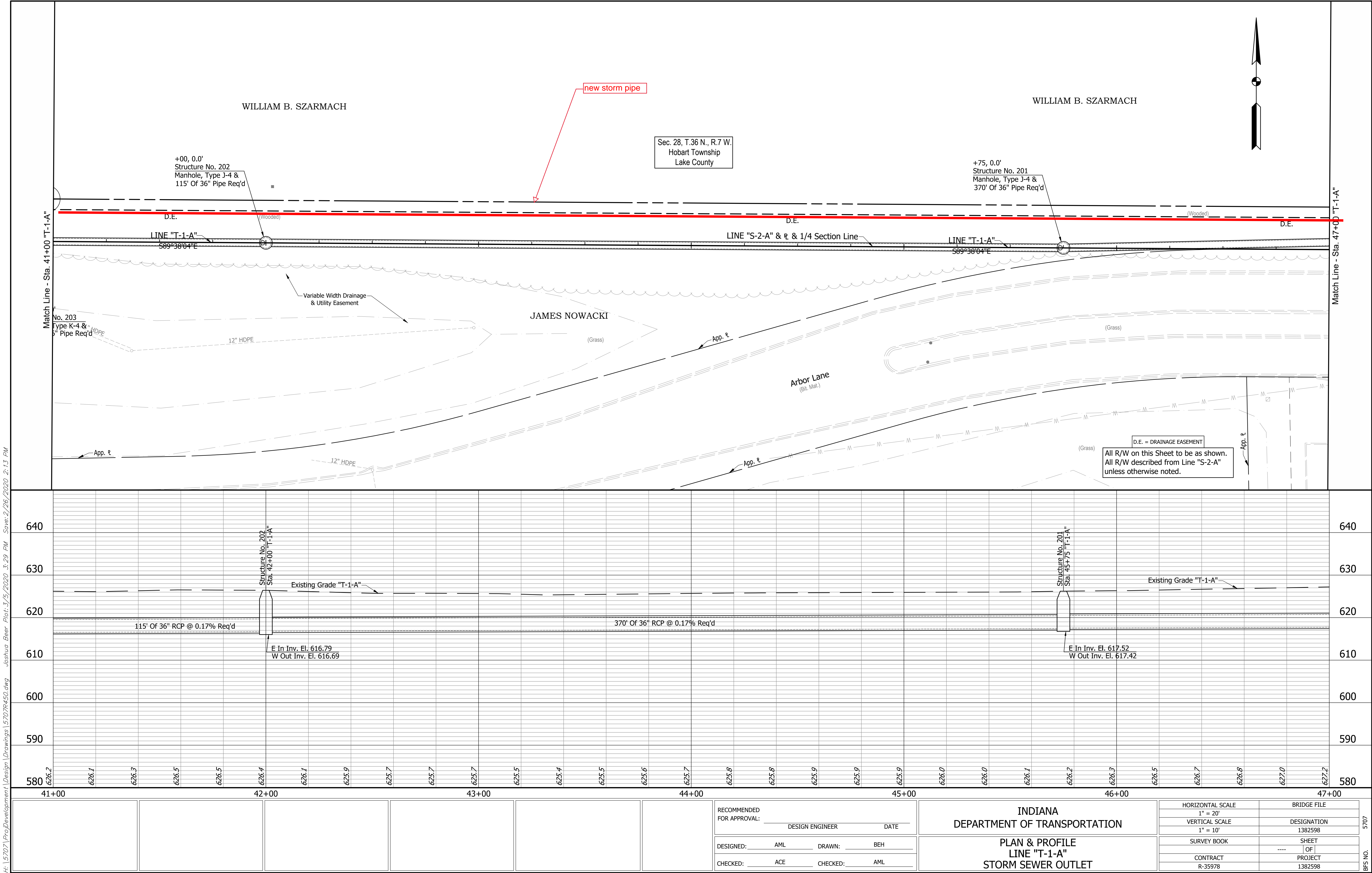


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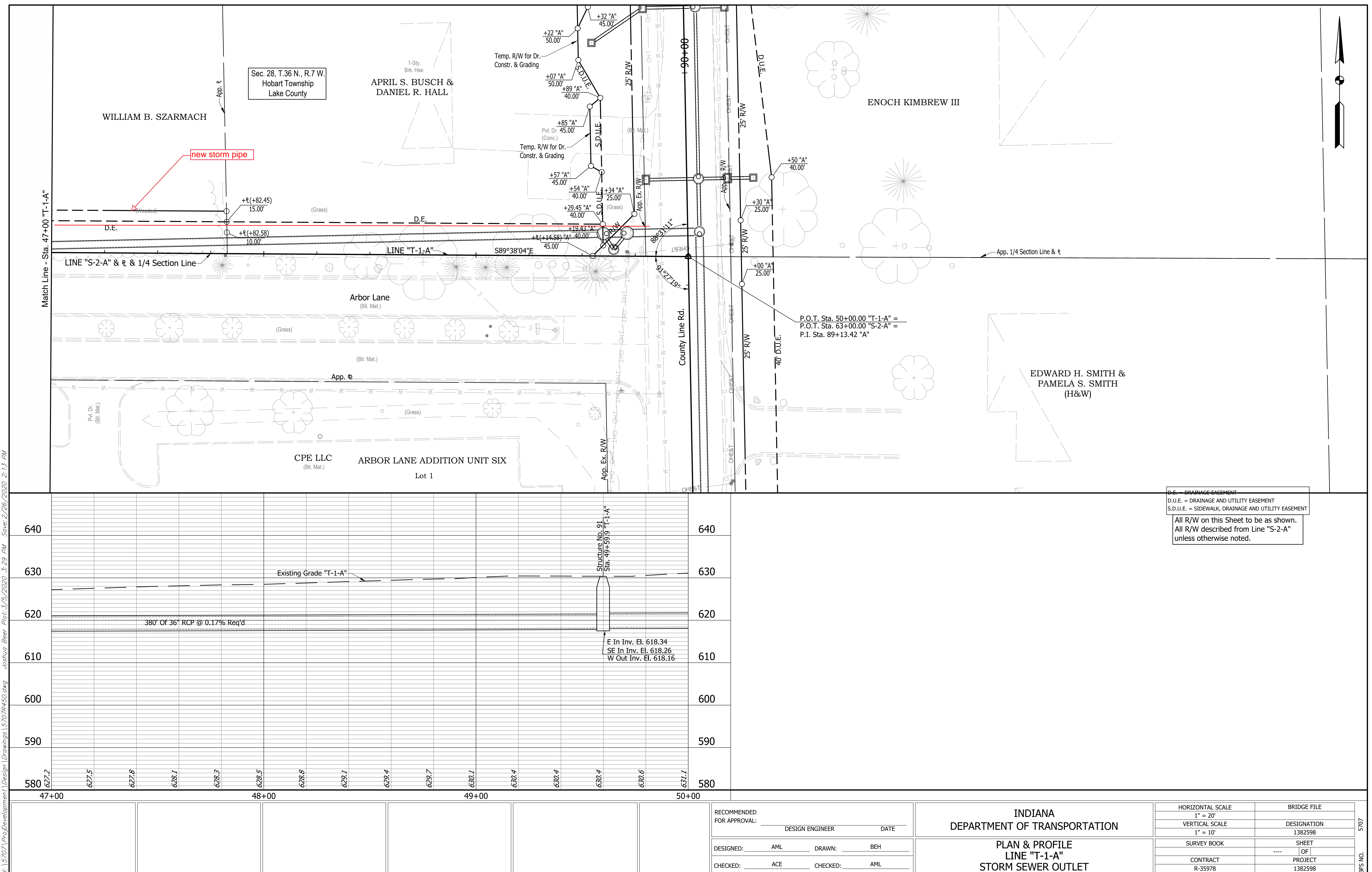




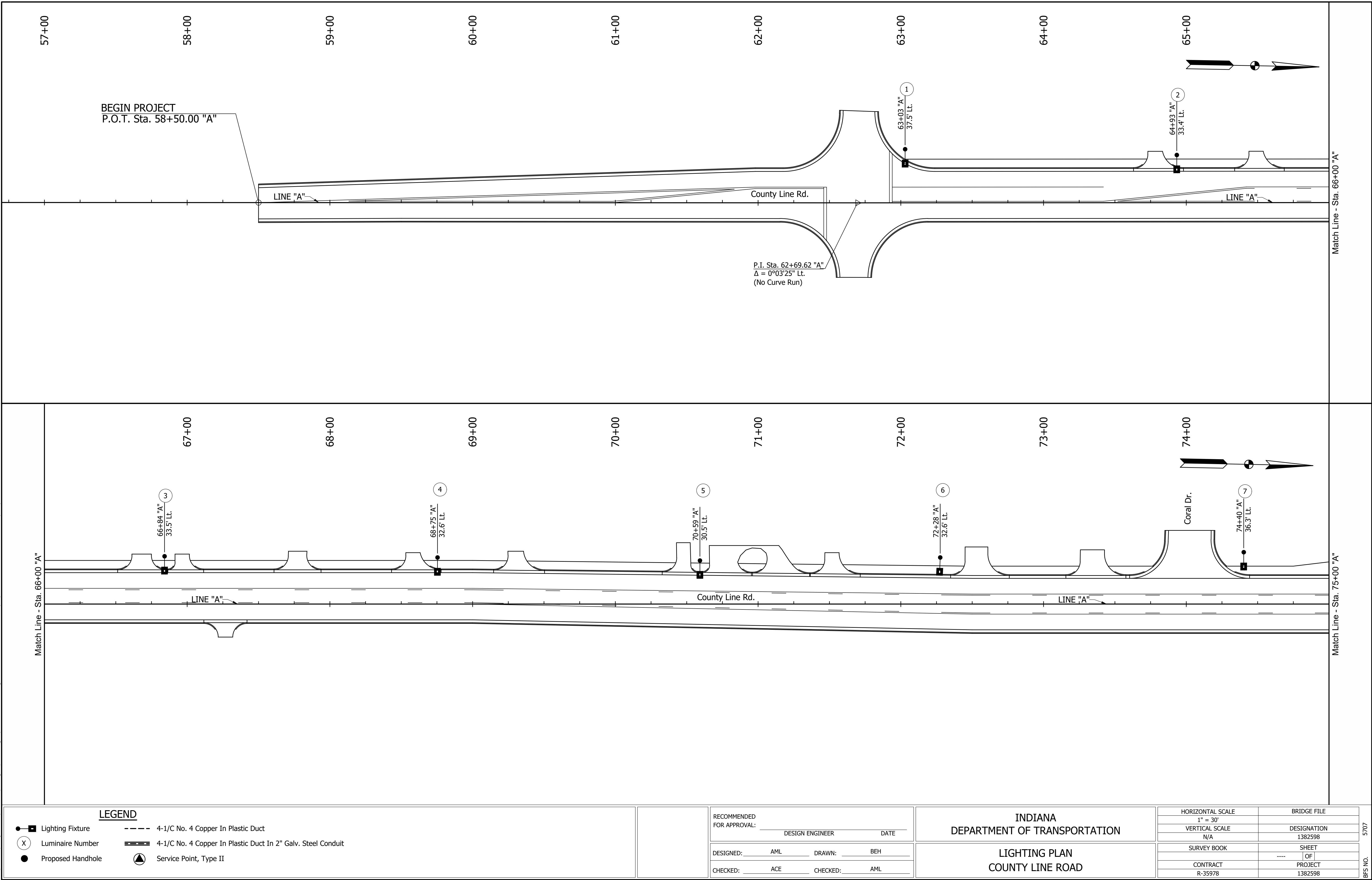
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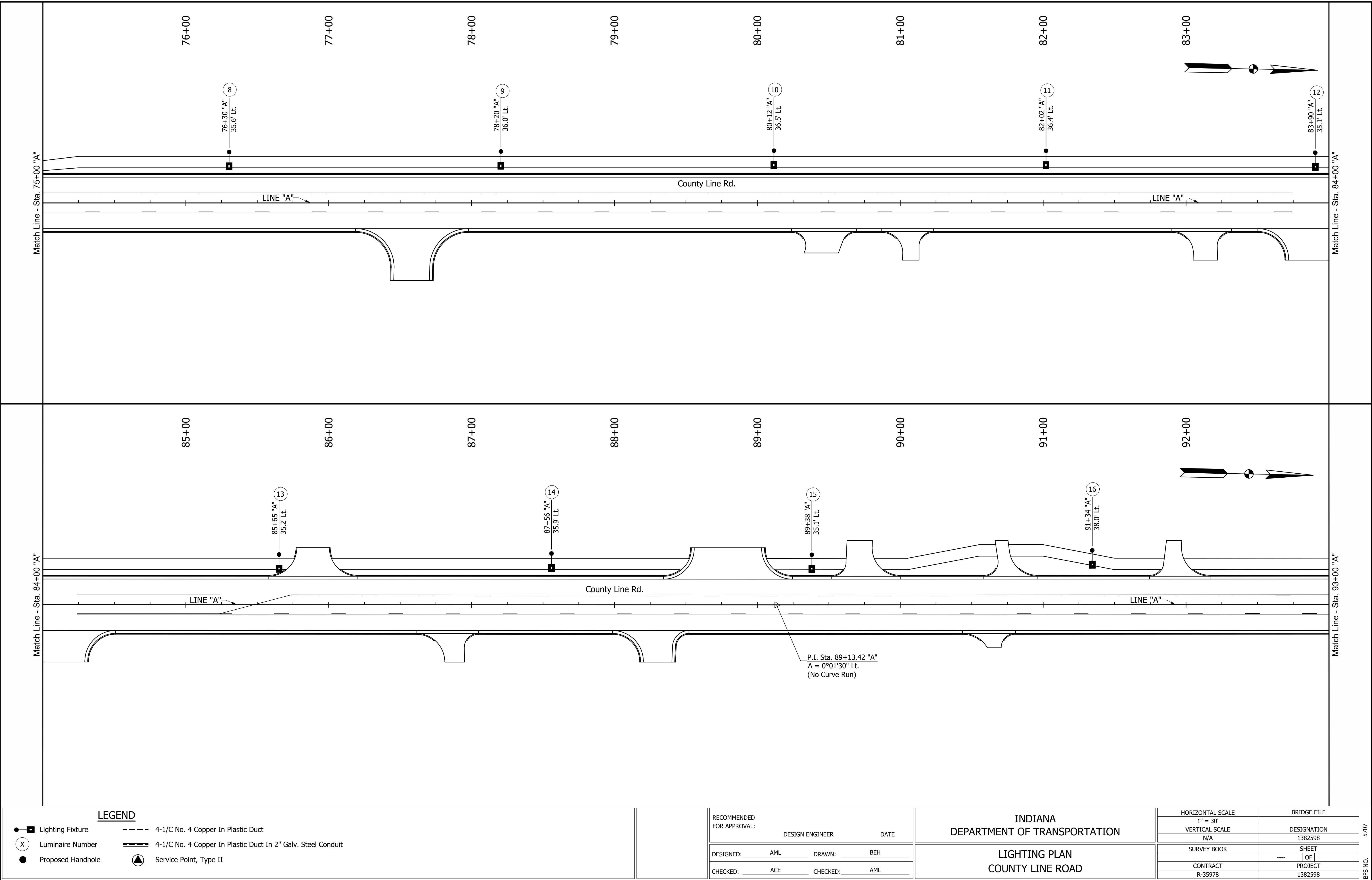
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LEGEND

- Lighting Fixture
- Luminaire Number
- Proposed Handhole
- 4-1/C No. 4 Copper In Plastic Duct
- 4-1/C No. 4 Copper In Plastic Duct In 2" Galv. Steel Conduit
- Service Point, Type II

RECOMMENDED
FOR APPROVAL: _____
DESIGN ENGINEER DATE

DESIGNED: _____ AML DRAWN: _____ BEH

CHECKED: _____ ACE CHECKED: _____ AML

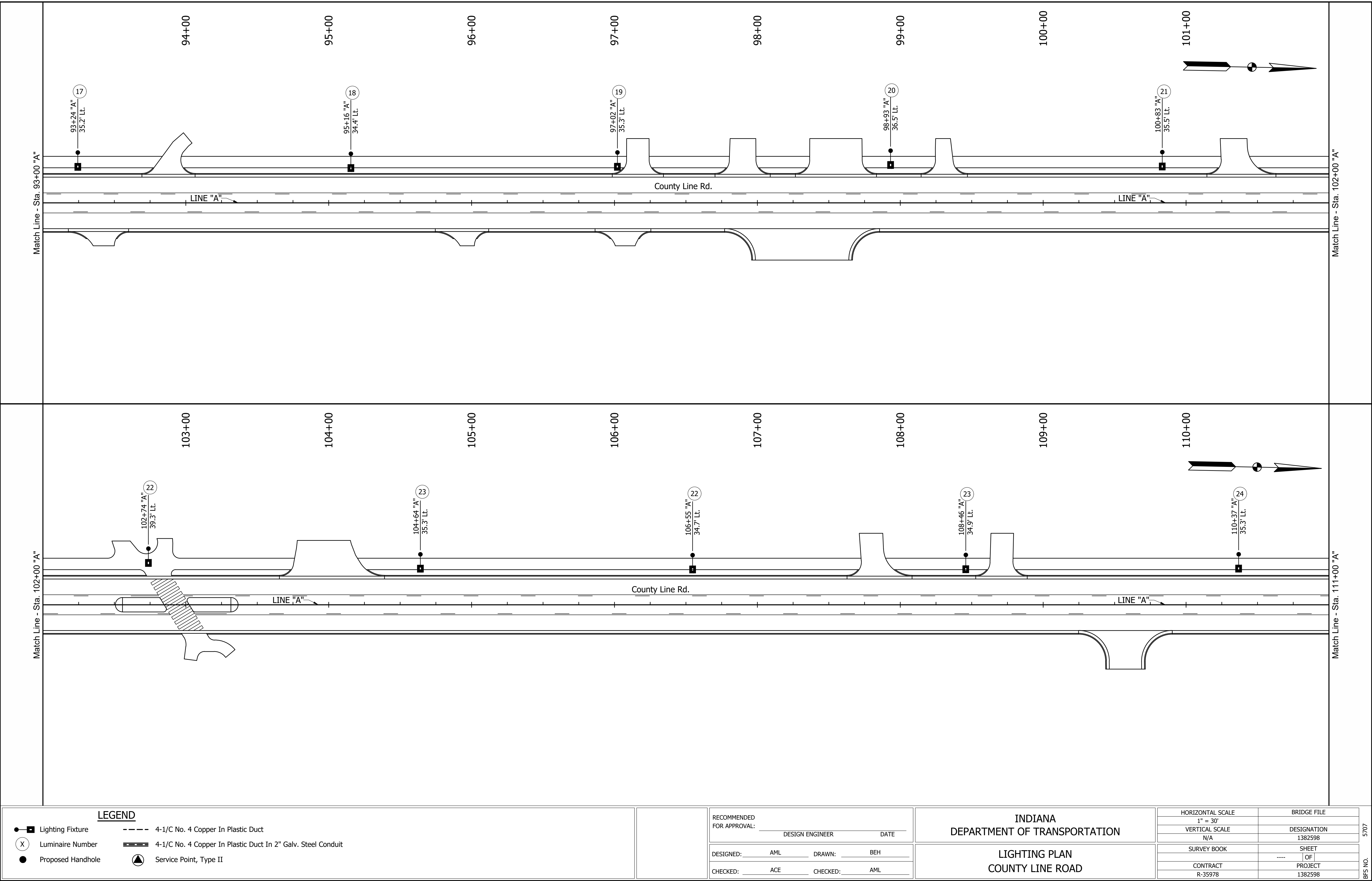
INDIANA
DEPARTMENT OF TRANSPORTATION

LIGHTING PLAN
COUNTY LINE ROAD

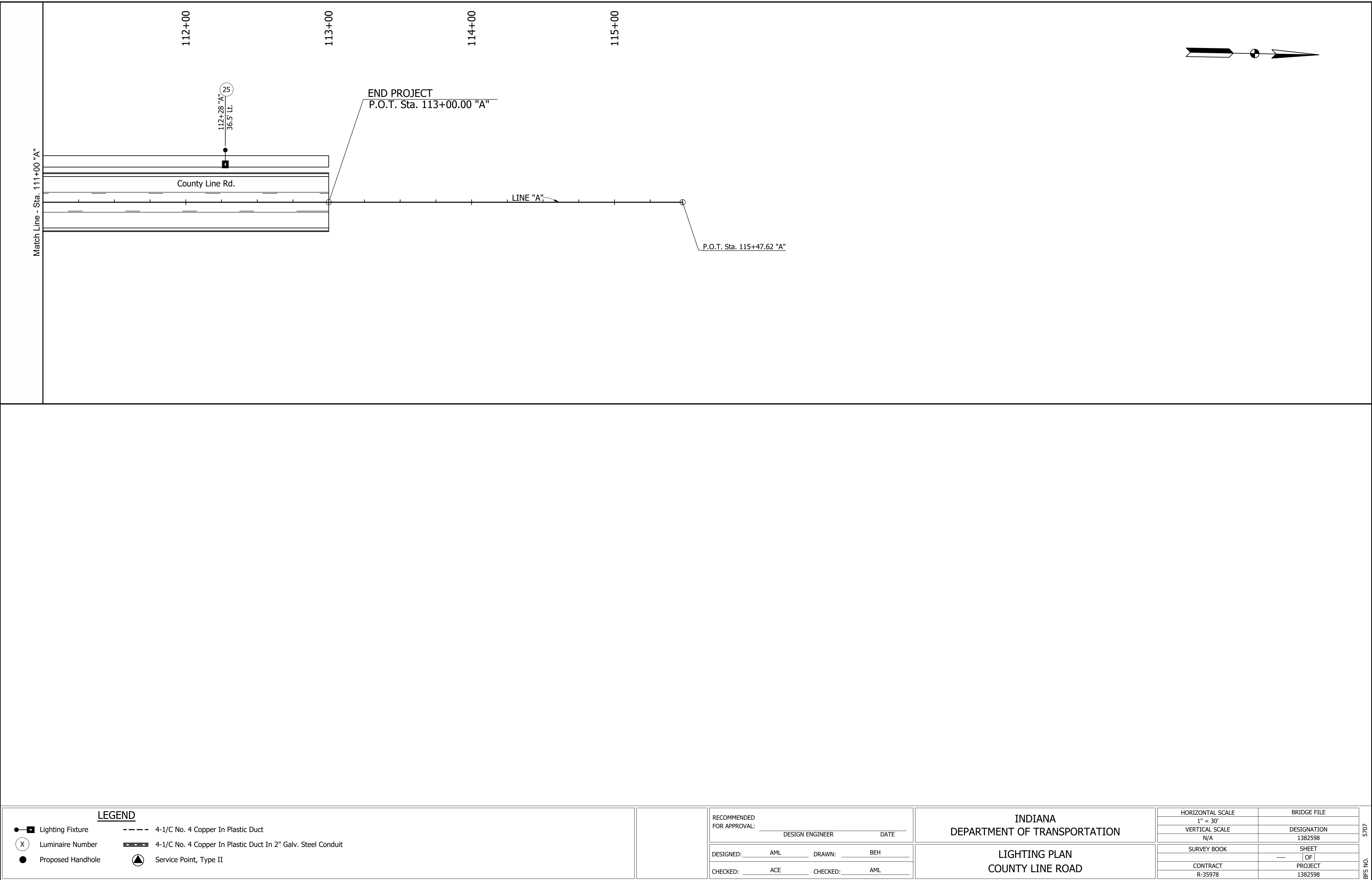
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VERTICAL SCALE N/A	DESIGNATION 1382598
SURVEY BOOK	SHEET OF
CONTRACT R-35978	PROJECT 1382598

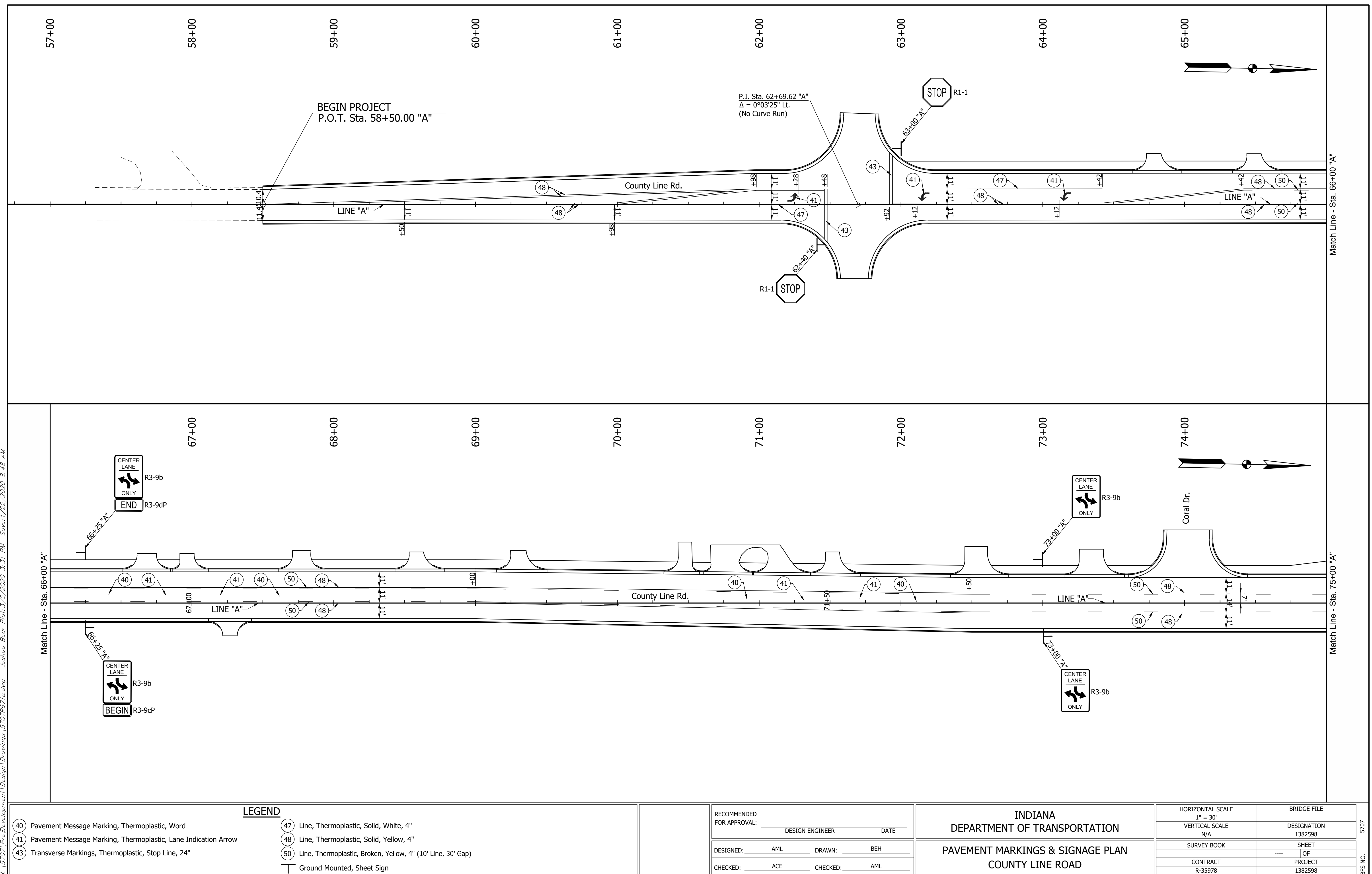
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BFS NO.

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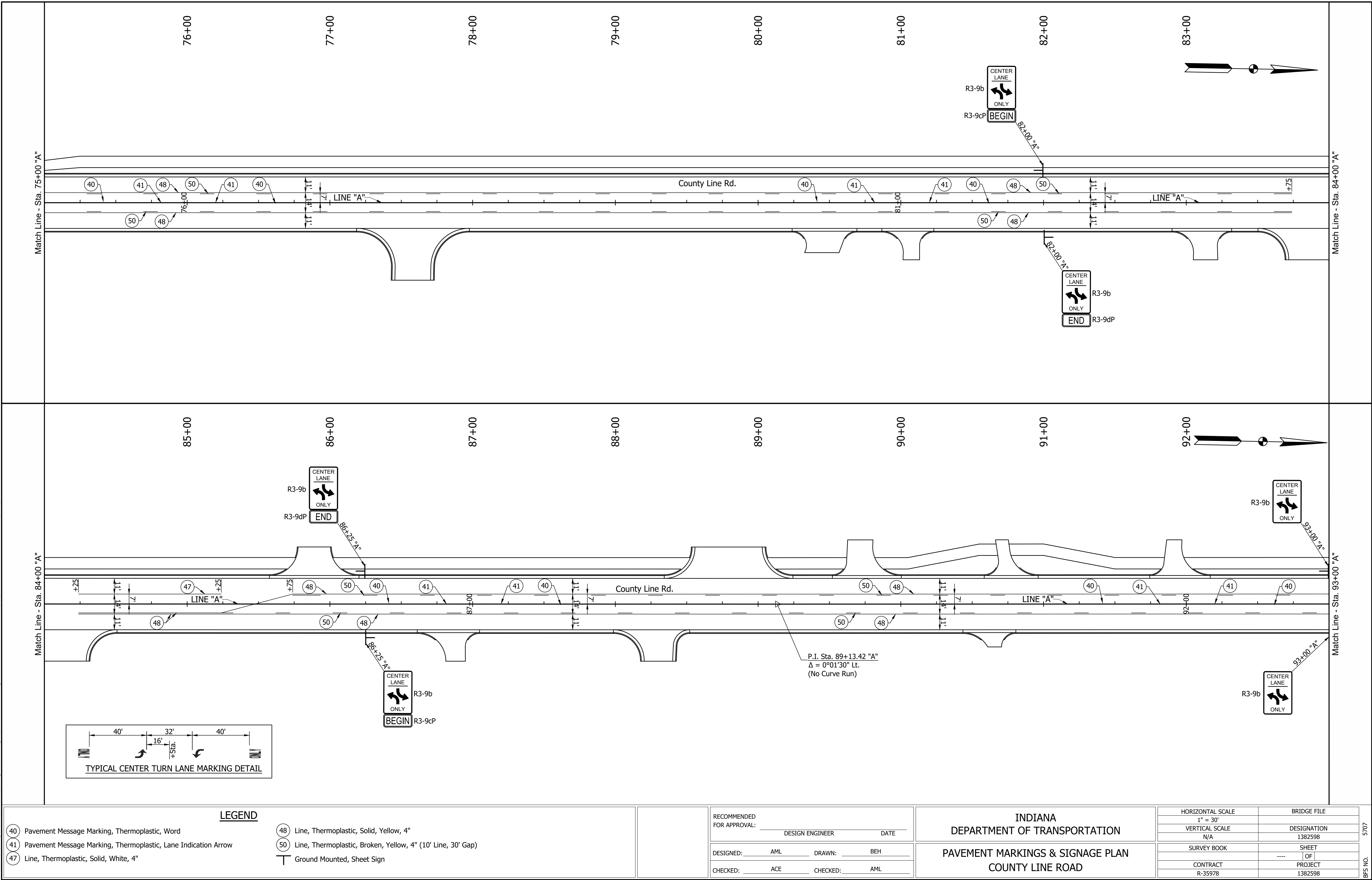


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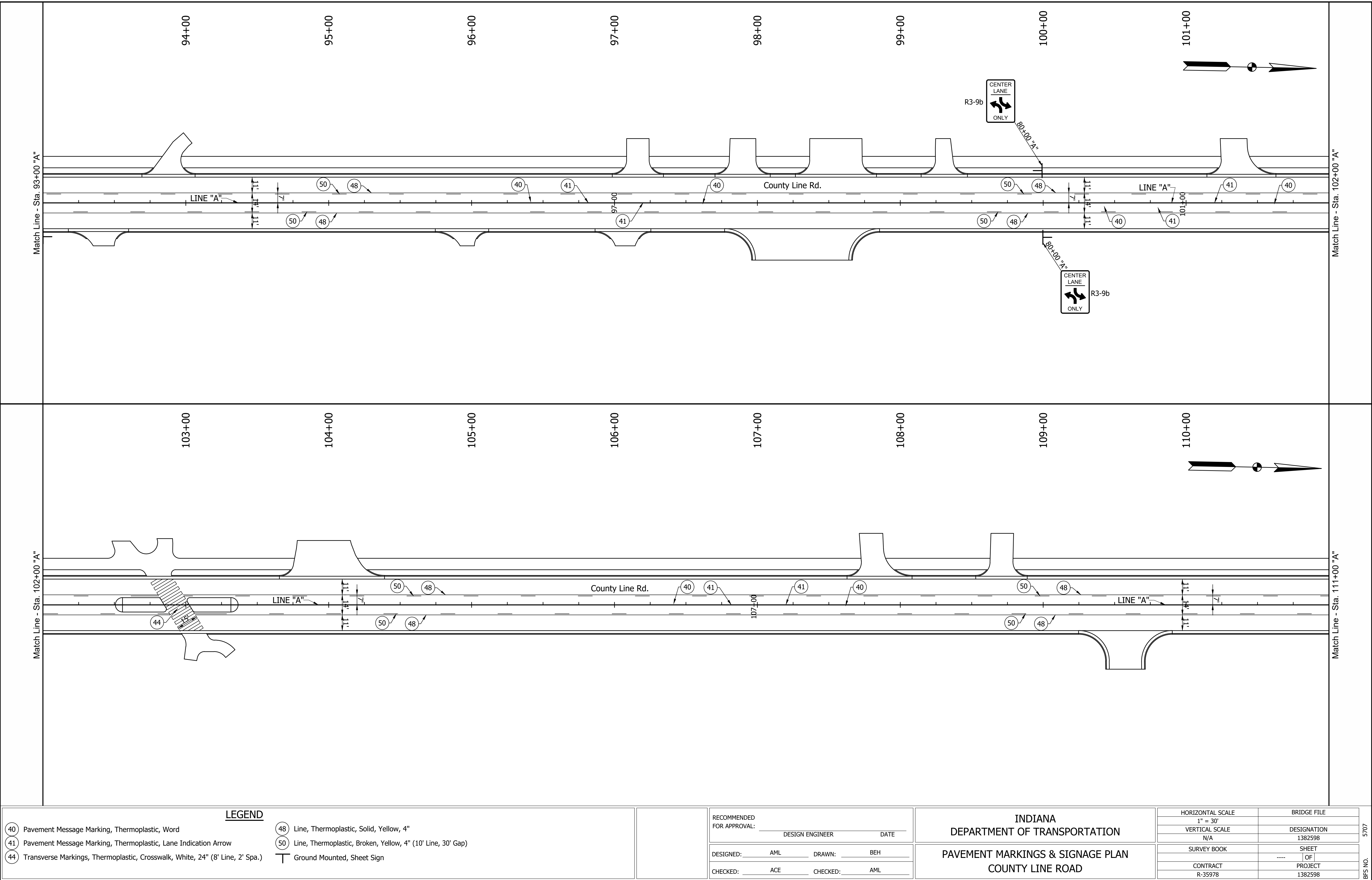




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LEGEND

- 40 Pavement Message Marking, Thermoplastic, Word
- 41 Pavement Message Marking, Thermoplastic, Lane Indication Arrow
- 44 Transverse Markings, Thermoplastic, Crosswalk, White, 24" (8' Line, 2' Spa.)
- 48 Line, Thermoplastic, Solid, Yellow, 4"
- 50 Line, Thermoplastic, Broken, Yellow, 4" (10' Line, 30' Gap)
- Ground Mounted, Sheet Sign

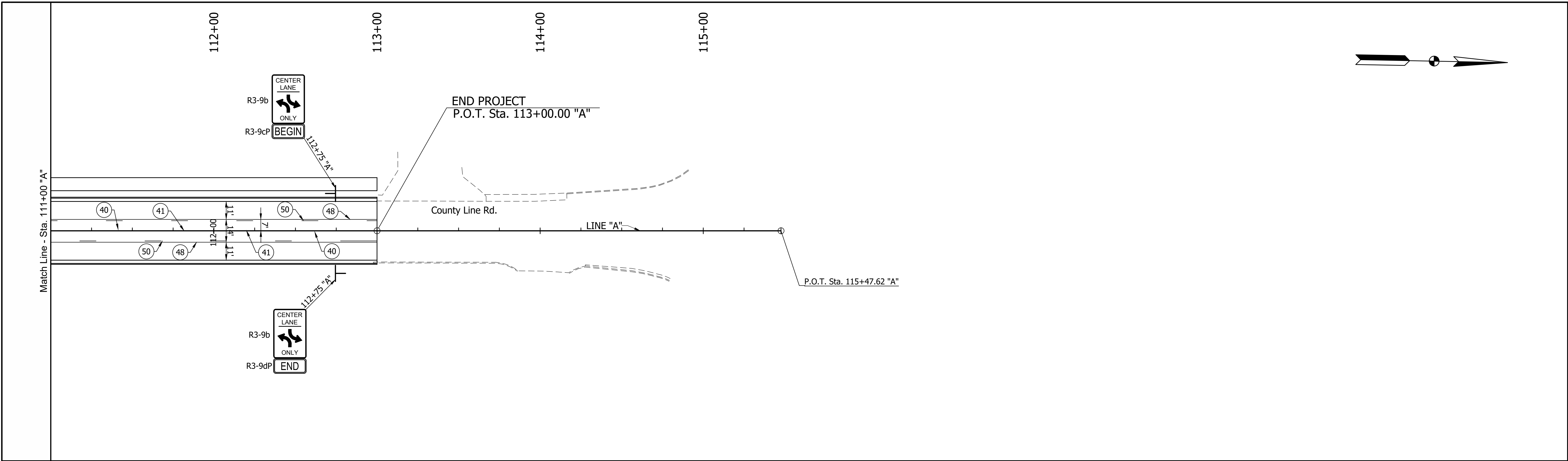
RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
DESIGNED:	AML	DRAWN: BEH
CHECKED:	ACE	CHECKED: AML

INDIANA DEPARTMENT OF TRANSPORTATION	
PAVEMENT MARKINGS & SIGNAGE PLAN COUNTY LINE ROAD	

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1382598
SURVEY BOOK	SHEET OF
CONTRACT R-35978	PROJECT 1382598

5707
BFS NO.

H:\5707\Proj\Development\Drawings\5707R671a.dwg Joshua Bear Plot: 3/5/2020 3:31 PM Save: 1/22/2020 8:48 AM



40

Pavement Message Marking, Thermoplastic, Word

41

Pavement Message Marking, Thermoplastic, Lane Indication Arrow

48

Line, Thermoplastic, Solid, Yellow, 4"

50

Line, Thermoplastic, Broken, Yellow, 4" (10' Line, 30' Gap)

Ground Mounted, Sheet Sign

RECOMMENDED FOR APPROVAL: _____
DESIGN ENGINEER _____ DATE _____

DESIGNED: _____ AML _____ DRAWN: _____ BEH _____

CHECKED: _____ ACE _____ CHECKED: _____ AML _____

INDIANA
DEPARTMENT OF TRANSPORTATION

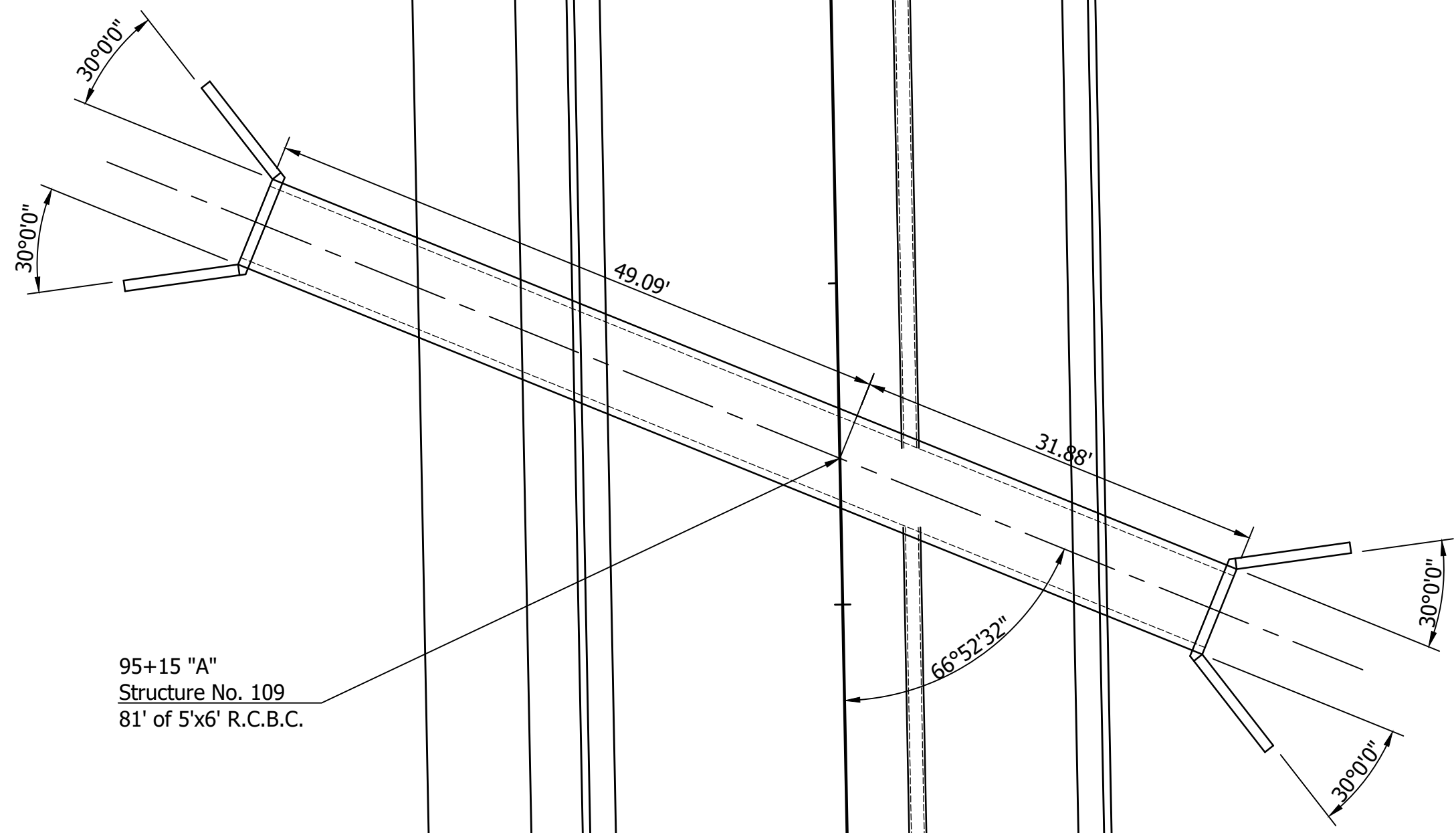
PAVEMENT MARKINGS & SIGNAGE PLAN
COUNTY LINE ROAD

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE
VERTICAL SCALE N/A	DESIGNATION 1382598
SURVEY BOOK	SHEET ---- OF
CONTRACT R-35978	PROJECT 1382598

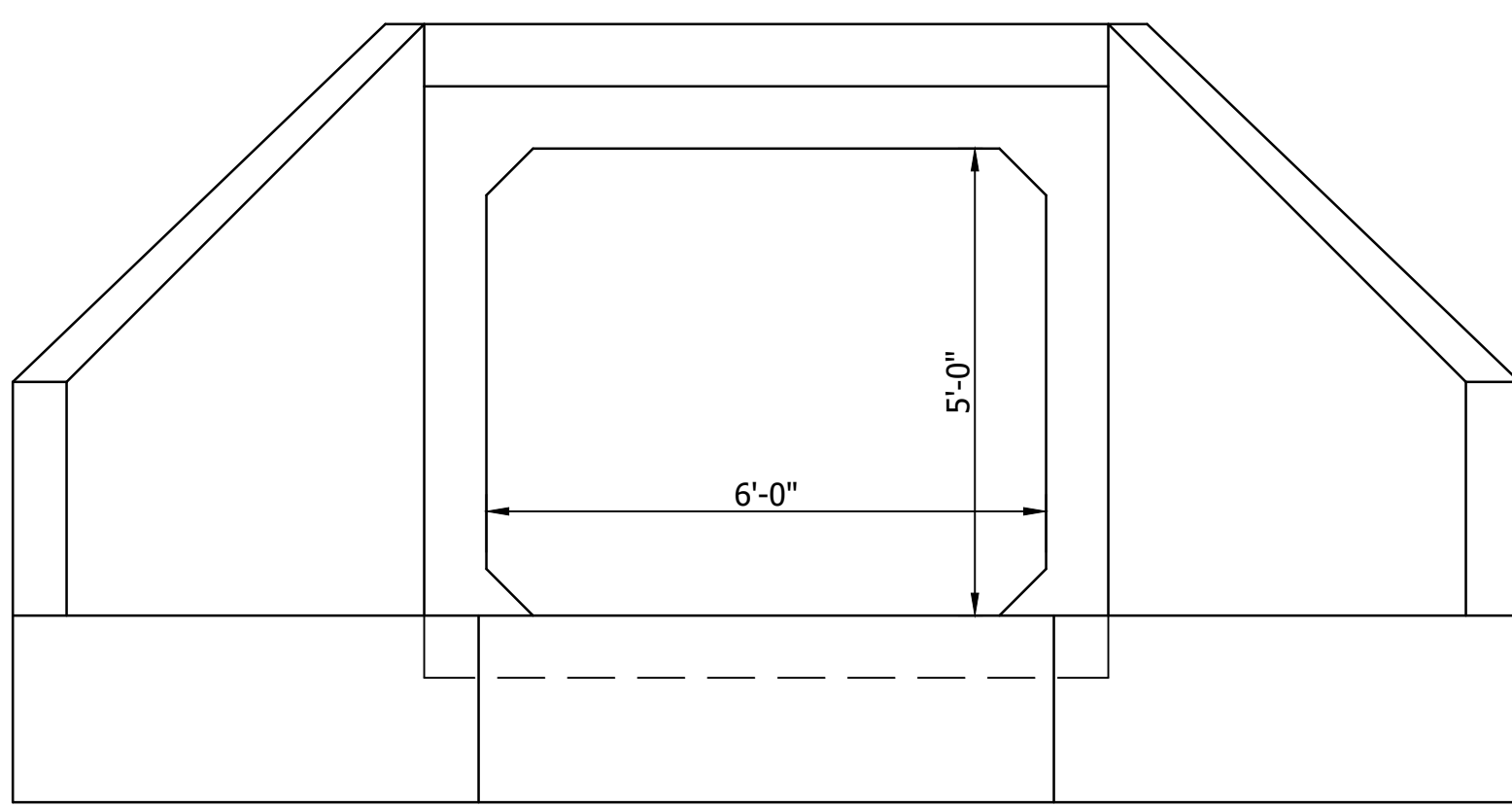
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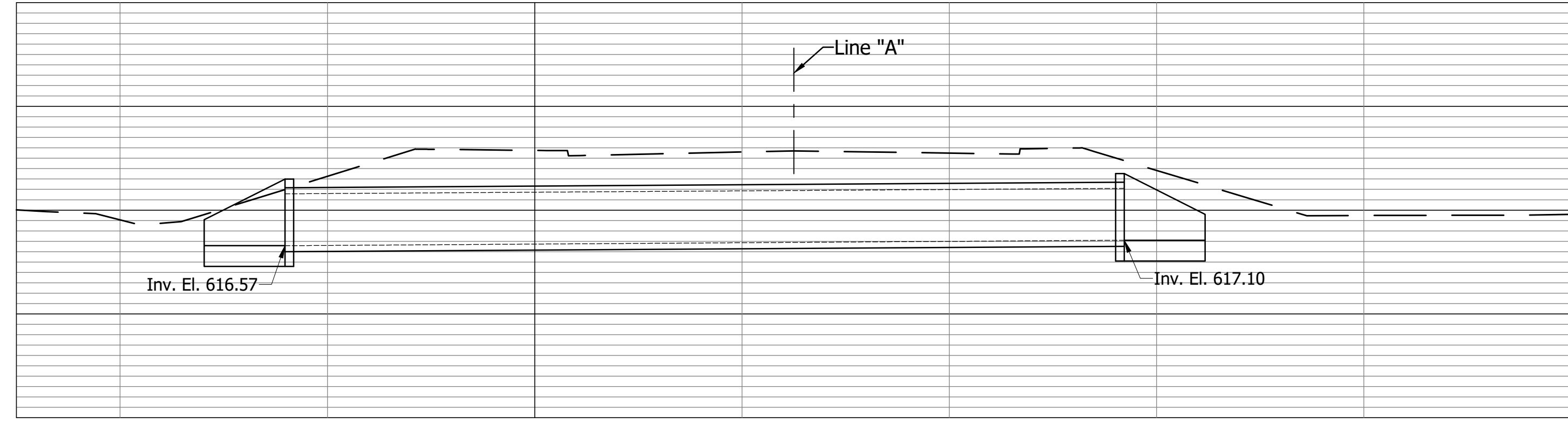
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PLAN VIEW
Scale: 1" = 10'



ELEVATION VIEW
Not To Scale



PROFILE VIEW
Scale: 1" = 10' H, 1" = 10' V.

RECOMMENDED FOR APPROVAL: _____	
DESIGN ENGINEER	DATE
DESIGNED: AML DRAWN: BEH	
CHECKED: ACE CHECKED: AML	

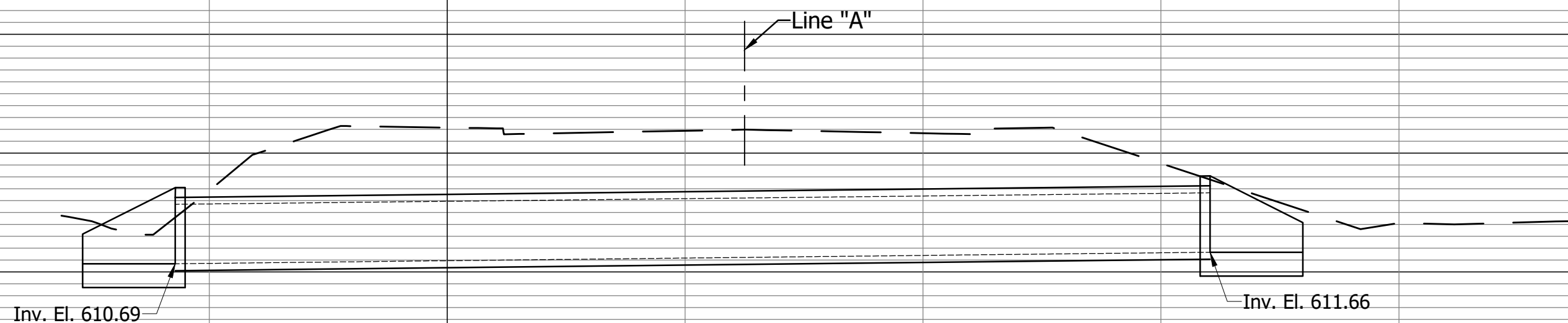
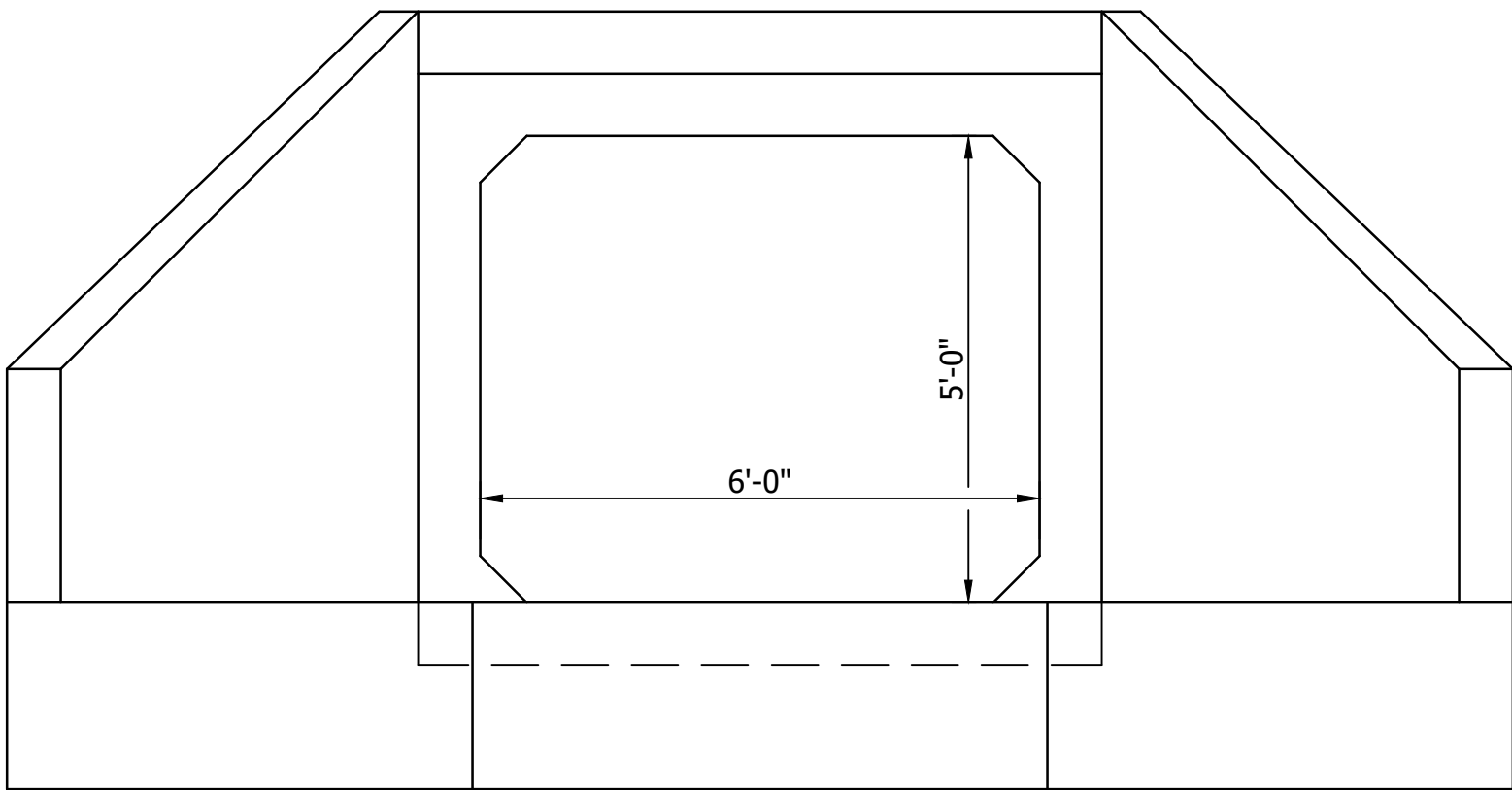
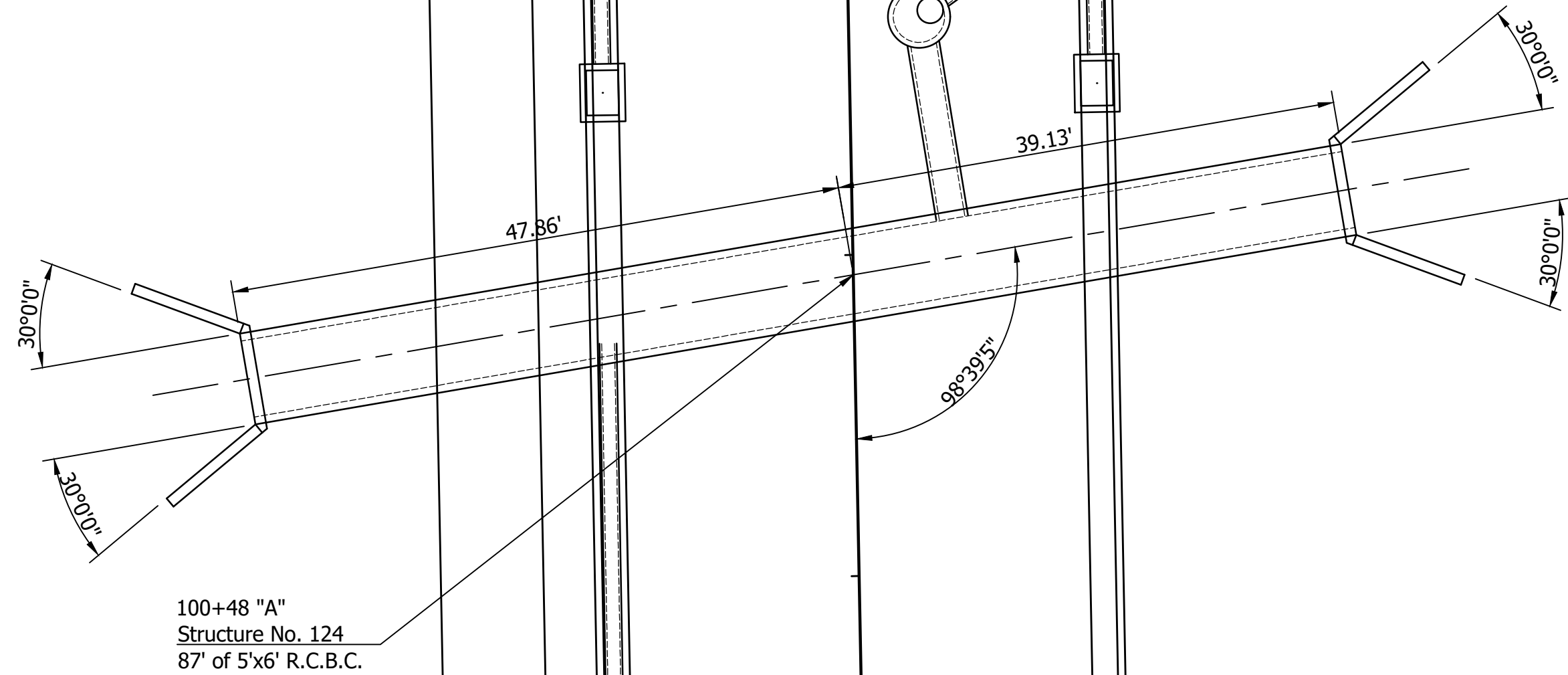
INDIANA
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS - STR. NO. 109

HORIZONTAL SCALE AS SHOWN	BRIDGE FILE
VERTICAL SCALE AS SHOWN	DESIGNATION 1382598
SURVEY BOOK	SHEET 33A OF
CONTRACT R-35978	PROJECT 1382598

5707
BFS NO.

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RECOMMENDED FOR APPROVAL: _____	
DESIGN ENGINEER	DATE
DESIGNED: AML DRAWN: BEH	
CHECKED: ACE CHECKED: AML	

INDIANA
DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS - STR. NO. 124

HORIZONTAL SCALE AS SHOWN	BRIDGE FILE
VERTICAL SCALE AS SHOWN	DESIGNATION 1382598
SURVEY BOOK	SHEET 33B OF
CONTRACT R-35978	PROJECT 1382598

BFS NO. 5707

APPENDIX C: EARLY COORDINATION

Sample Early Coordination Letter



Headquarters:

8450 Westfield Blvd., Suite 300
Indianapolis, IN 46240-5920
T 317.713.4615
F 317.713.4616
E bfs@BFSEngr.com
www.BFSEngr.com

Branch Locations:

Fort Wayne
Jeffersonville
Lafayette
Merrillville
Plainfield

Founded 1961



February 4, 2020

Re: Des. No.: 1382598, County Line Road Reconstruction, 2.7 miles south of I-80 and 4.55 miles east of the I-65/37th Ave Interchange, Lake County and Porter County, Indiana.

Dear Interested Agency:

The City of Hobart along with the Indiana Department of Transportation (INDOT) intends to proceed with a project involving County Line Road in Lake and Porter Counties, Indiana. This letter is part of the early coordination phase of the environmental review process. We are requesting comments from your area of expertise regarding any possible environmental effects associated with this project. **Please use the above designation numbers and description in your reply.** We will incorporate your comments into a study of the project's environmental impacts.

This project is located on County Line Road, approximately 2.7 miles south of I-80 and 4.55 miles east of the I-65/37th Avenue Interchange in Hobart Township, Lake County and Portage Township, Porter County, Indiana. Specifically, the project is located in Sections 27, 28, 33, and 34, Township 36 North, Range 7 West on the USGS Portage, Indiana Quadrangle. The proposed project termini are the intersections of County Line Road and Cleveland Avenue (County Road (CR) 700 North) and that of County Line Road and United States (US) Highway 6 (Ridge Road).

The existing typical section of County Line Road is a two lane Minor Arterial Roadway with a posted speed limit of 30 miles per hour, consisting of a 10 to 11-foot-wide travel lane bordered by a 2-foot-wide stone/earthen shoulder provided in either direction. There are expanded roadway sections in certain locations along County Line Road in order to accommodate turning radii or to provide for a turn lane. An existing sidewalk is located on the west side of County Line Road between Cleveland Avenue (CR 700 N) and approximately 175 feet north of Coral Drive. Additionally, the Oak Savannah/Prairie Duneland Trail intersects the project area with a trail crossing located approximately 0.23 miles south of United States (US) Highway 6 (Ridge Road). A signed Bike Route is in place from the trail to Cleveland Avenue (CR 700 N.). The approximate existing right-of-way varies between 20 feet to 45 feet either side of centerline throughout the project area.

The need for this project is due to the existing pavement and drainage conditions along County Line Road between US 6 (Ridge Road) and Cleveland Avenue (CR 700 North). As of 2013, the existing pavement was given an average Pavement Surface Evaluation and Rating (PASER) of 2 (out of 10) and exhibits both transverse and longitudinal cracking, despite a preventative maintenance overlay treatment applied in 2014. According to the 2015 Stormwater Assessment, undersized, clogged ditches and corrugated metal pipes cause standing water and backyard flooding, contributing to the current drainage deficiencies.

The purpose of this project is to improve the conditions on County Line Road. Street lighting, drainage improvements, curb and gutter improvements, and pavement reconstruction and widening are among the proposed improvements. An Americans with Disabilities Act (ADA)-compliant sidewalk and curb ramps will be added, or replaced where it already exists, on the west side of County Line Road. Enhancements to the trail crossing of the Oak Savannah/Prairie Duneland Trail, such as a mid-crossing refuge, new signage and pavement markings, and consideration for a flashing warning light or Rectangular Rapid Flash Beacon (RRFB), will also be installed. In addition to the previously stated improvements, the project also proposes to replace two culverts under County Line Road and to install a storm water drainage pipe and outlet along the north side of Arbor Lane, extending approximately 1,000 feet west of County Line Road. A new storm sewer system with a 30-36 inch trunkline will be added underneath County Line Road, including inlets and manholes where appropriate.

The project requires the acquisition of approximately 6.161 acres of permanent right-of-way and approximately 0.756 acres of temporary right-of-way. Proposed right-of-way widths along County Line Road would be 25 to 40 feet from centerline. The total project length is approximately 1.21 miles, consisting of approximately 1.03 miles of road work and an additional 0.19 mile of storm water drainage pipe work. The preferred maintenance of traffic would be to construct under traffic, employing signage and flagging with lane closures and restrictions. A road closure will occur for a portion of the project area along County Line Road, between Coral Drive and Cleveland Avenue, utilizing a detour of Cleveland Avenue (CR 700 N), North Union Street, and US Highway 6 (Ridge Road). The detour will last for approximately twelve to sixteen weeks.

Land use in the vicinity of the project is a combination of residential, agricultural, and commercial. The range-wide programmatic consultation for the Indiana Bat and Northern Long-eared Bat will be completed according to "Using the USFWS's Information for Planning and Consultation (IPaC) System for Listed Bat Consultation for INDOT Projects".

Butler, Fairman, & Seufert will perform waters and wetlands determinations and a biological assessment to identify any ecological resources that may be present. Furthermore, Butler, Fairman, & Seufert will investigate the areas of additional right-of-way for archaeological and historic resources for Section 106 compliance. The results of this investigation will be forwarded to the State Historic Preservation Officer for review and concurrence.

Please review the information contained in this early coordination packet and provide a written evaluation of potential impacts upon resources under your jurisdiction. Should we not receive your response **within thirty (30) calendar days** from the date of this letter, it will be assumed that your agency feels that there will be no adverse effects incurred as a result of the proposed project. However, should you find that an extension to the response time is necessary, a reasonable amount may be granted upon request. If you have any questions regarding this matter, please feel free to contact Elizabet Biggio, Architectural Historian at EBiggio@bfsengr.com, or (317) 713-4615, or 8450 Westfield Blvd, Suite 300, Indianapolis, IN 46240. Thank you in advance for your input. Alternatively, you may contact Philip Gralik, City of Hobart Engineer, at (219) 942-8271 or pgralik@cityofhobart.org.

On behalf of INDOT,
Butler, Fairman, & Seufert,



Brittney Layton
Environmental Scientist

Enclosures:

State Map
USGS Portage Quadrangle
Aerial Map
FIRM Map
Photo Key

Site Photographs
NWI Map
Soils Map
Soils Map Legend
ETR List Lake County, Porter County

CC:

Joyce Newland
Planning & Environmental Specialist
Federal Highway Administration
Room 254, Federal Office Building
575 North Pennsylvania Street
Indianapolis, IN 46204

Ashley Sharkey
Environmental Section Manager
INDOT LaPorte District
315 E Boyd Boulevard
La Porte, IN 46350

Christie Stanifer, Environmental Coordinator
Division of Water, Environmental Unit
Indiana Department of Natural Resources
402 West Washington Street, W-264
Indianapolis, IN 46204-2641

Bert Frost, Midwest Regional Director
National Park Service, Department of Interior
601 Riverfront Drive
Omaha, NE 68102

Rickie Clark, Hearings Manager
INDOT Office of Communications
100 North Senate Avenue, Room 642
Indianapolis, IN 46204

Jerry Raynor, State Conservationist
Natural Resources Conservation Service
6013 Lakeside Boulevard
Indianapolis, IN 46278

Ms. Robin McWilliams
U.S. Fish and Wildlife Service
Bloomington Field Office
620 South Walker Street
Bloomington, IN 47403-2121

Julian Courtade, Chief Airport Inspector
INDOT Office of Aviation
Indiana Government Center, N-955
100 North Senate Avenue
Indianapolis, IN 46204-2891

Paul Leffler
Chicago District, Army Corps of Engineers
231 S. LaSalle Street Suite 1500
Chicago, IL 60604

Paul Lehmann, Acting Regional Environmental Officer
Field Environmental Officer
Department of Housing and Urban Development
Chicago Regional Office
Metcalf Federal Building
77 West Jackson Boulevard, Room 2401
Chicago, IL 60604

Porter County Board of Commissioners
155 Indiana Avenue
Suite 205
Valparaiso, IN 46383

Rich Sexton, Highway Supervisor
Porter County Highway Department
1955 S State Road 2
Valparaiso, IN 46385

Kevin Breitzke, Porter County Surveyor
155 Indiana Avenue
Suite 303
Valparaiso, IN 46383

Bill Emerson, Jr., Lake County Surveyor
2293 N. Main Street
Building "A", 3rd Floor
Crown Point, IN 46307

Jan S. Smoljan
Lake County Highway Superintendent
1100 East Monitor Street
Crown Point, IN 46307

Lake County Board of Commissioners
Kyle W. Allen, Sr., 1st District
Jerry Tippy, 2nd District
Michael C. Repay, 3rd District
2293 N. Main Street
Building "A", 3rd Floor
Crown Point, IN 46307

Indiana Geological Survey
{<https://igs.indiana.edu/eAssessment/>}

Indiana Department of Environmental Management
Proposed Roadway Construction Projects Letter
{<http://www.in.gov/idem/5284.htm>}

IDEM Wellhead Proximity Determinator
Electronic Review of Location
{<http://www.in.gov/idem/cleanwater/pages/wellhead>}

Ty Warner, Executive Director
Northwestern Indiana Regional Planning Commission
6100 Southport Road
Portage, IN 46368

Organization and Project Information

Project ID: 5707
Des. ID: 1382598
Project Title: County Line Road Reconstruction
Name of Organization: Butler, Fairman, & Suefert
Requested by: Brittney Layton

Environmental Assessment Report

1. Geological Hazards:
 - High liquefaction potential
 - 1% Annual Chance Flood Hazard
2. Mineral Resources:
 - Bedrock Resource: High Potential
 - Sand and Gravel Resource: Low Potential
3. Active or abandoned mineral resources extraction sites:
 - None documented in the area

*All map layers from Indiana Map (maps.indiana.edu)

DISCLAIMER:

This document was compiled by Indiana University, Indiana Geological Survey, using data believed to be accurate; however, a degree of error is inherent in all data. This product is distributed "AS-IS" without warranties of any kind, either expressed or implied, including but not limited to warranties of suitability to a particular purpose or use. No attempt has been made in either the design or production of these data and document to define the limits or jurisdiction of any federal, state, or local government. The data used to assemble this document are intended for use only at the published scale of the source data or smaller (see the metadata links below) and are for reference purposes only. They are not to be construed as a legal document or survey instrument. A detailed on-the-ground survey and historical analysis of a single site may differ from these data and this document.

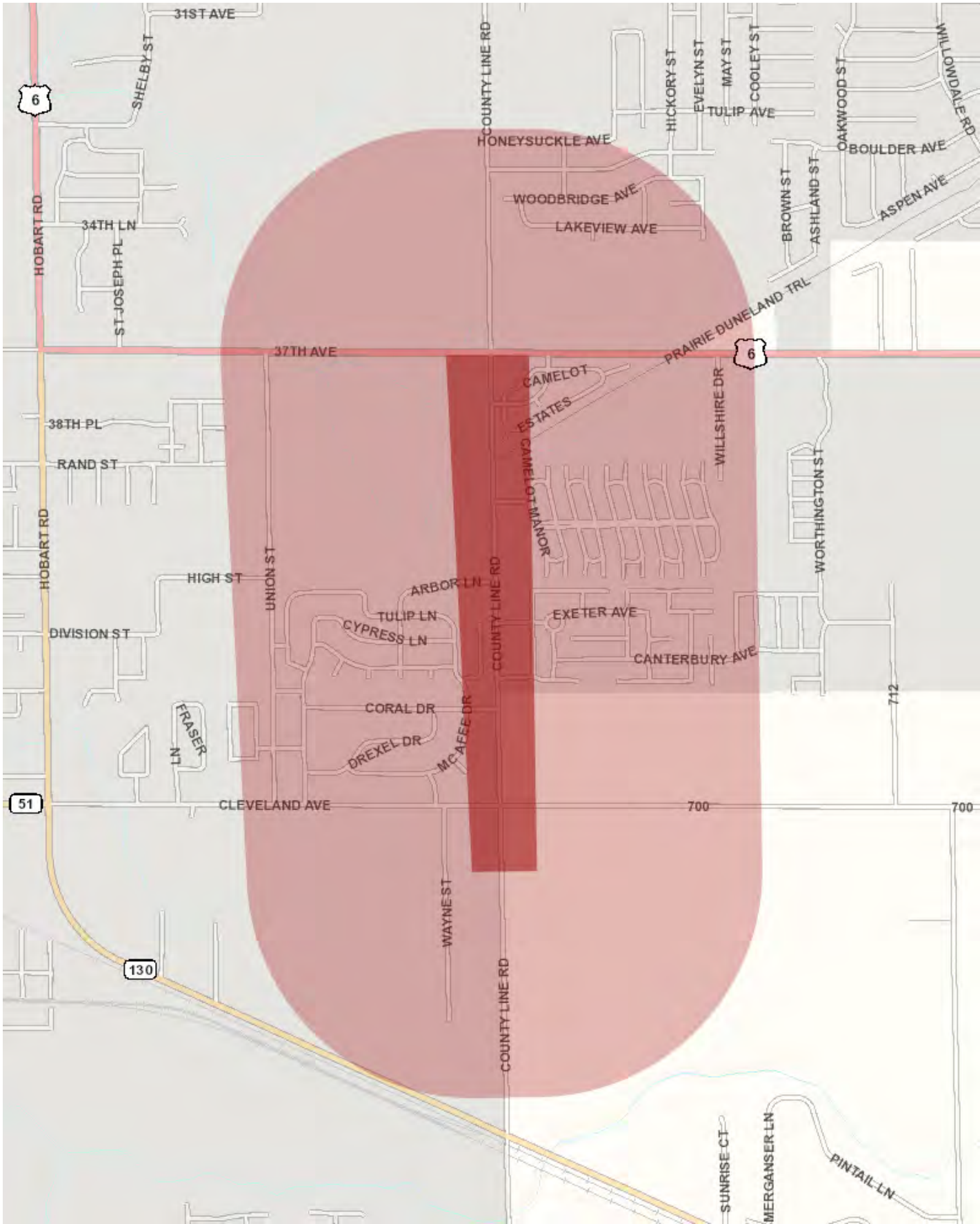
This information was furnished by Indiana Geological Survey

Address: 420 N. Walnut St., Bloomington, IN 47404

Email: IGSEnvir@indiana.edu

Phone: 812 855-7428

Date: February 04, 2020



Metadata:

- https://maps.indiana.edu/metadata/Geology/Seismic_Earthquake_Liquefaction_Potential.html
- https://maps.indiana.edu/metadata/Geology/Industrial_Minerals_Sand_Gravel_Resources.html
- https://maps.indiana.edu/metadata/Hydrology/Floodplains_FIRM.html
- https://maps.indiana.edu/metadata/Geology/Bedrock_Geology.html



Indiana Department of Environmental Management

We Protect Hoosiers and Our Environment.

100 North Senate Avenue - Indianapolis, IN 46204
(800) 451-6027 - (317) 232-8603 - www.idem.IN.gov

City of Hobart
Philip Gralik, PE
414 Main Street
Hobart, IN 46342

Butler, Fairman, & Suefert
Elizabet Biggio
8450 Westfield Blvd
Suite 300
Indianapolis, IN 46240

Date

To Engineers and Consultants Proposing Roadway Construction Projects:

RE: Des. No.: 1382598, County Line Road Reconstruction, 2.7 miles south of I-80 and 4.55 miles east of the I-65/37th Ave Interchange, Lake County and Porter County, Indiana.

This letter from the Indiana Department of Environmental Management (IDEM) serves as a standardized response to enquiries inviting IDEM comments on roadway construction, reconstruction, or other improvement projects within existing roadway corridors when the proposed scope of the project is beneath the threshold requiring a formal National Environmental Policy Act-mandated Environmental Assessment or Environmental Impact Statement. As the letter attempts to address all roadway-related environmental topics of potential concern, it is possible that not every topic addressed in the letter will be applicable to your particular roadway project.

For additional information on specific roadway-related topics of interest, please visit the appropriate Web pages cited below, many of which provide contact information for persons within the various program areas who can answer questions not fully addressed in this letter. Also please be mindful that some environmental requirements may be subject to change and so each person intending to include a copy of this letter in their project documentation packet is advised to download the most recently revised version of the letter; found at: <http://www.in.gov/idem/5283.htm> (<http://www.in.gov/idem/5283.htm>).

To ensure that all environmentally-related issues are adequately addressed, IDEM recommends that you read this letter in its entirety, and consider each of the following issues as you move forward with the planning of your proposed roadway construction, reconstruction, or improvement project:

WATER AND BIOTIC QUALITY

1. Section 404 of the Clean Water Act requires that you obtain a permit from the U.S. Army Corps of Engineers (USACE) before discharging dredged or fill materials into any wetlands or other waters, such as rivers, lakes, streams, and ditches. Other activities regulated include the relocation, channelization, widening, or other such alteration of a stream, and the mechanical clearing (use of heavy construction equipment) of wetlands. Thus, as a project owner or sponsor, it is your responsibility to ensure that no wetlands are disturbed without the proper permit. Although you may initially refer to the U.S. Fish and Wildlife Service National Wetland Inventory maps as a means of identifying potential areas of concern, please be mindful that those maps do not depict jurisdictional wetlands regulated by the USACE or the Department of

Environmental Management. A valid jurisdictional wetlands determination can only be made by the USACE, using the 1987 Wetland Delineation Manual.

USACE recommends that you have a consultant check to determine whether your project will abut, or lie within, a wetland area. To view a list of consultants that have requested to be included on a list posted by the USACE on their Web site, see USACE Permits and Public Notices (<http://www.lrl.usace.army.mil/orf/default.asp>) (<http://www.lrl.usace.army.mil/orf/default.asp>) and then click on "Information" from the menu on the right-hand side of that page. Their "Consultant List" is the fourth entry down on the "Information" page. Please note that the USACE posts all consultants that request to appear on the list, and that inclusion of any particular consultant on the list does not represent an endorsement of that consultant by the USACE, or by IDEM.

Much of northern Indiana (Newton, Lake, Porter, LaPorte, St. Joseph, Elkhart, LaGrange, Steuben, and Dekalb counties; large portions of Jasper, Starke, Marshall, Noble, Allen, and Adams counties; and lesser portions of Benton, White, Pulaski, Kosciusko, and Wells counties) is served by the USACE District Office in Detroit (313-226-6812). The central and southern portions of the state (large portions of Benton, White, Pulaski, Kosciusko, and Wells counties; smaller portions of Jasper, Starke, Marshall, Noble, Allen, and Adams counties; and all other Indiana counties located in north-central, central, and southern Indiana) are served by the USACE Louisville District Office (502-315-6733).

Additional information on contacting these U.S. Army Corps of Engineers (USACE) District Offices, government agencies with jurisdiction over wetlands, and other water quality issues, can be found at <http://www.in.gov/idem/4396.htm> (<http://www.in.gov/idem/4396.htm>). IDEM recommends that impacts to wetlands and other water resources be avoided to the fullest extent.

2. In the event a Section 404 wetlands permit is required from the USACE, you also must obtain a Section 401 Water Quality Certification from the IDEM Office of Water Quality Wetlands Program. To learn more about the Wetlands Program, visit: <http://www.in.gov/idem/4384.htm> (<http://www.in.gov/idem/4384.htm>).
3. If the USACE determines that a wetland or other water body is isolated and not subject to Clean Water Act regulation, it is still regulated by the state of Indiana. A State Isolated Wetland permit from IDEM's Office of Water Quality (OWQ) is required for any activity that results in the discharge of dredged or fill materials into isolated wetlands. To learn more about isolated wetlands, contact the OWQ Wetlands Program at 317-233-8488.
4. If your project will involve over a 0.5 acre of wetland impact, stream relocation, or other large-scale alterations to water bodies such as the creation of a dam or a water diversion, you should seek additional input from the OWQ Wetlands Program staff. Consult the Web at: <http://www.in.gov/idem/4384.htm> (<http://www.in.gov/idem/4384.htm>) for the appropriate staff contact to further discuss your project.
5. Work within the one-hundred year floodway of a given water body is regulated by the Department of Natural Resources, Division of Water. The Division issues permits for activities regulated under the follow statutes:
 - IC 14-26-2 Lakes Preservation Act 312 IAC 11
 - IC 14-26-5 Lowering of Ten Acre Lakes Act No related code
 - IC 14-28-1 Flood Control Act 310 IAC 6-1
 - IC 14-29-1 Navigable Waterways Act 312 IAC 6
 - IC 14-29-3 Sand and Gravel Permits Act 312 IAC 6
 - IC 14-29-4 Construction of Channels Act No related code

For information on these Indiana (statutory) Code and Indiana Administrative Code citations, see the DNR Web site at: <http://www.in.gov/dnr/water/9451.htm> (<http://www.in.gov/dnr/water/9451.htm>) . Contact the DNR Division of Water at 317-232-4160 for further information.

The physical disturbance of the stream and riparian vegetation, especially large trees overhanging any affected water bodies should be limited to only that which is absolutely necessary to complete the project. The shade provided by the large overhanging trees helps maintain proper stream temperatures and dissolved oxygen for aquatic life.

6. For projects involving construction activity (which includes clearing, grading, excavation and other land disturbing activities) that result in the disturbance of one (1), or more, acres of total land area, contact the Office of Water Quality – Watershed Planning Branch (317/233-1864) regarding the need for of a Rule 5 Storm Water Runoff Permit. Visit the following Web page
 - <http://www.in.gov/idem/4902.htm> (<http://www.in.gov/idem/4902.htm>)

To obtain, and operate under, a Rule 5 permit you will first need to develop a Construction Plan (<http://www.in.gov/idem/4917.htm#constreq> (<http://www.in.gov/idem/4917.htm#constreq>)), and as described in 327 IAC 15-5-6.5 (<http://www.in.gov/legislative/iac/T03270/A00150> [PDF] (<http://www.in.gov/legislative/iac/T03270/A00150.PDF>), pages 16 through 19). Before you may apply for a Rule 5 Permit, or begin construction, you must submit your Construction Plan to your county Soil and Water Conservation District (SWCD) (<http://www.in.gov/isda/soil/contacts/map.html> (<http://www.in.gov/isda/soil/contacts/map.html>)).

Upon receipt of the construction plan, personnel of the SWCD or the Indiana Department of Environmental Management will review the plan to determine if it meets the requirements of 327 IAC 15-5. Plans that are deemed deficient will require re-submittal. If the plan is sufficient you will be notified and instructed to submit the verification to IDEM as part of the Rule 5 Notice of Intent (NOI) submittal. Once construction begins, staff of the SWCD or Indiana Department of Environmental Management will perform inspections of activities at the site for compliance with the regulation.

Please be mindful that approximately 149 Municipal Separate Storm Sewer System (MS4) areas are now being established by various local governmental entities throughout the state as part of the implementation of Phase II federal storm water requirements. All of these MS4 areas will eventually take responsibility for Construction Plan review, inspection, and enforcement. As these MS4 areas obtain program approval from IDEM, they will be added to a list of MS4 areas posted on the IDEM Website at: <http://www.in.gov/idem/4900.htm> (<http://www.in.gov/idem/4900.htm>).

If your project is located in an IDEM-approved MS4 area, please contact the local MS4 program about meeting their storm water requirements. Once the MS4 approves the plan, the NOI can be submitted to IDEM.

Regardless of the size of your project, or which agency you work with to meet storm water requirements, IDEM recommends that appropriate structures and techniques be utilized both during the construction phase, and after completion of the project, to minimize the impacts associated with storm water runoff. The use of appropriate planning and site development and appropriate storm water quality measures are recommended to prevent soil from leaving the construction site during active land disturbance and for post construction water quality concerns. Information and assistance regarding storm water related to construction activities are available from the Soil and Water Conservation District (SWCD) offices in each county or from IDEM.

7. For projects involving impacts to fish and botanical resources, contact the Department of Natural Resources - Division of Fish and Wildlife (317/232-4080) for addition project input.
8. For projects involving water main construction, water main extensions, and new public water supplies, contact the Office of Water Quality - Drinking Water Branch (317-308-3299) regarding the need for permits.
9. For projects involving effluent discharges to waters of the State of Indiana, contact the Office of Water Quality - Permits Branch (317-233-0468) regarding the need for a National Pollutant Discharge Elimination System (NPDES) permit.
10. For projects involving the construction of wastewater facilities and sewer lines, contact the Office of Water Quality - Permits Branch (317-232-8675) regarding the need for permits.

AIR QUALITY

The above-noted project should be designed to minimize any impact on ambient air quality in, or near, the project area. The project must comply with all federal and state air pollution regulations. Consideration should be given to the following:

1. Regarding open burning, and disposing of organic debris generated by land clearing activities; some types of open burning are allowed (<http://www.in.gov/idem/4148.htm> (<http://www.in.gov/idem/4148.htm>)) under specific conditions. You also can seek an open burning variance from IDEM.

However, IDEM generally recommends that you take vegetative wastes to a registered yard waste composting facility or that the waste be chipped or shredded with composting on site (you must register with IDEM if more than 2,000 pounds is to be composted; contact 317/232-0066). The finished compost can then be used as a mulch or soil amendment. You also may bury any vegetative wastes (such as leaves, twigs, branches, limbs, tree trunks and stumps) onsite, although burying large quantities of such material can lead to subsidence problems, later on.

Reasonable precautions must be taken to minimize fugitive dust emissions from construction and demolition activities. For example, wetting the area with water, constructing wind barriers, or treating dusty areas with chemical stabilizers (such as calcium chloride or several other commercial products). Dirt tracked onto paved roads from unpaved areas should be minimized.

Additionally, if construction or demolition is conducted in a wooded area where blackbirds have roosted or abandoned buildings or building sections in which pigeons or bats have roosted for 3-5 years precautionary measures should be taken to avoid an outbreak of histoplasmosis. This disease is caused by the fungus *Histoplasma capsulatum*, which stems from bird or bat droppings that have accumulated in one area for 3-5 years. The spores from this fungus become airborne when the area is disturbed and can cause infections over an entire community downwind of the site. The area should be wetted down prior to cleanup or demolition of the project site. For more detailed information on histoplasmosis prevention and control, please contact the Acute Disease Control Division of the Indiana State Department of Health at (317) 233-7272.

2. The U.S. EPA and the Surgeon General recommend that people not have long-term exposure to radon at levels above 4 pCi/L. (For a county-by-county map of predicted radon levels in Indiana, visit: <http://www.in.gov/idem/4145.htm> (<http://www.in.gov/idem/4145.htm>).)

The U.S. EPA further recommends that all homes (and apartments within three stories of ground level) be tested for radon. If in-home radon levels are determined to be 4 pCi/L, or higher, EPA recommends a follow-up test. If the second test confirms that radon levels are 4 pCi/L, or higher, EPA recommends the installation

of radon-reduction measures. (For a list of qualified radon testers and radon mitigation (or reduction) specialists visit: http://www.in.gov/isdh/regsvcs/radhealth/pdfs/radon_testers_mitigators_list.pdf (http://www.in.gov/isdh/regsvcs/radhealth/pdfs/radon_testers_mitigators_list.pdf.) It also is recommended that radon reduction measures be built into all new homes, particularly in areas like Indiana that have moderate to high predicted radon levels.

To learn more about radon, radon risks, and ways to reduce exposure visit:

<http://www.in.gov/isdh/regsvcs/radhealth/radon.htm> (<http://www.in.gov/isdh/regsvcs/radhealth/radon.htm>), <http://www.in.gov/idem/4145.htm> (<http://www.in.gov/idem/4145.htm>), or <http://www.epa.gov/radon/index.html> (<http://www.epa.gov/radon/index.html>).

3. With respect to asbestos removal: all facilities slated for renovation or demolition (except residential buildings that have (4) four or fewer dwelling units and which will not be used for commercial purposes) must be inspected by an Indiana-licensed asbestos inspector prior to the commencement of any renovation or demolition activities. If regulated asbestos-containing material (RACM) that may become airborne is found, any subsequent demolition, renovation, or asbestos removal activities must be performed in accordance with the proper notification and emission control requirements.

If no asbestos is found where a renovation activity will occur, or if the renovation involves removal of less than 260 linear feet of RACM off of pipes, less than 160 square feet of RACM off of other facility components, or less than 35 cubic feet of RACM off of all facility components, the owner or operator of the project does not need to notify IDEM before beginning the renovation activity.

For questions on asbestos demolition and renovation activities, you can also call IDEM's Lead/Asbestos section at 1-888-574-8150.

However, in all cases where a demolition activity will occur (even if no asbestos is found), the owner or operator must still notify IDEM 10 working days prior to the demolition, using the form found at <http://www.in.gov/icpr/webfile/formsdiv/44593.pdf> (<http://www.in.gov/icpr/webfile/formsdiv/44593.pdf>).

Anyone submitting a renovation/demolition notification form will be billed a notification fee based upon the amount of friable asbestos containing material to be removed or demolished. Projects that involve the removal of more than 2,600 linear feet of friable asbestos containing materials on pipes, or 1,600 square feet or 400 cubic feet of friable asbestos containing material on other facility components, will be billed a fee of \$150 per project; projects below these amounts will be billed a fee of \$50 per project. All notification remitters will be billed on a quarterly basis.

For more information about IDEM policy regarding asbestos removal and disposal, visit: <http://www.in.gov/idem/4983.htm> (<http://www.in.gov/idem/4983.htm>).

4. With respect to lead-based paint removal: IDEM encourages all efforts to minimize human exposure to lead-based paint chips and dust. IDEM is particularly concerned that young children exposed to lead can suffer from learning disabilities. Although lead-based paint abatement efforts are not mandatory, any abatement that is conducted within housing built before January 1, 1978, or a child-occupied facility is required to comply with all lead-based paint work practice standards, licensing and notification requirements. For more information about lead-based paint removal visit: <http://www.in.gov/isdh/19131.htm> (<http://www.in.gov/isdh/19131.htm>).
5. Ensure that asphalt paving plants are permitted and operate properly. The use of cutback asphalt, or asphalt emulsion containing more than seven percent (7%) oil distillate, is prohibited during the months April through October. See 326 IAC 8-5-2, Asphalt Paving Rule

(<http://www.ai.org/legislative/iac/T03260/A00080.PDF>
(<http://www.ai.org/legislative/iac/T03260/A00080.PDF>)).

6. If your project involves the construction of a new source of air emissions or the modification of an existing source of air emissions or air pollution control equipment, it will need to be reviewed by the IDEM Office of Air Quality (OAQ). A registration or permit may be required under 326 IAC 2 (View at: www.ai.org/legislative/iac/t03260/a00020.pdf (<http://www.ai.org/legislative/iac/t03260/a00020.pdf>)). New sources that use or emit hazardous air pollutants may be subject to Section 112 of the Clean Air Act and corresponding state air regulations governing hazardous air pollutants.
7. For more information on air permits visit: <http://www.in.gov/idem/4223.htm> (<http://www.in.gov/idem/4223.htm>), or to initiate the IDEM air permitting process, please contact the Office of Air Quality Permit Reviewer of the Day at (317) 233-0178 or OAMPROD atdem.state.in.us.

LAND QUALITY

In order to maintain compliance with all applicable laws regarding contamination and/or proper waste disposal, IDEM recommends that:

1. If the site is found to contain any areas used to dispose of solid or hazardous waste, you need to contact the Office of Land Quality (OLQ) at 317-308-3103.
2. All solid wastes generated by the project, or removed from the project site, need to be taken to a properly permitted solid waste processing or disposal facility. For more information, visit <http://www.in.gov/idem/4998.htm> (<http://www.in.gov/idem/4998.htm>).
3. If any contaminated soils are discovered during this project, they may be subject to disposal as hazardous waste. Please contact the OLQ at 317-308-3103 to obtain information on proper disposal procedures.
4. If PCBs are found at this site, please contact the Industrial Waste Section of OLQ at 317-308-3103 for information regarding management of any PCB wastes from this site.
5. If there are any asbestos disposal issues related to this site, please contact the Industrial Waste Section of OLQ at 317-308-3103 for information regarding the management of asbestos wastes (Asbestos removal is addressed above, under Air Quality).
6. If the project involves the installation or removal of an underground storage tank, or involves contamination from an underground storage tank, you must contact the IDEM Underground Storage Tank program at 317/308-3039. See: <http://www.in.gov/idem/4999.htm> (<http://www.in.gov/idem/4999.htm>).

FINAL REMARKS

Should you need to obtain any environmental permits in association with this proposed project, please be mindful that IC 13-15-8 requires that you notify all adjoining property owners and/or occupants within ten days your submittal of each permit application. However, if you are seeking multiple permits, you can still meet the notification requirement with a single notice if all required permit applications are submitted with the same ten day period.

Should the scope of the proposed project be expanded to the extent that a National Environmental Policy Act Environmental Assessment (EA) or Environmental Impact Statement (EIS) is required, IDEM will actively participate in any early interagency coordination review of the project.

Meanwhile, please note that this letter does not constitute a permit, license, endorsement or any other form of approval on the part of the Indiana Department of Environmental Management regarding any project for which a copy of this letter is used. Also note that it is the responsibility of the project engineer or consultant using this letter to ensure that the most current draft of this document, which is located at <http://www.in.gov/idem/5284.htm> (<http://www.in.gov/idem/5284.htm>), is used.

Signature(s) of the Applicant

I acknowledge that the following proposed roadway project will be financed in part, or in whole, by public monies.

Project Description

Des. No.: 1382598, County Line Road Reconstruction, 2.7 miles south of I-80 and 4.55 miles east of the I-65/37th Ave Interchange, Lake County and Porter County, Indiana.

With my signature, I do hereby affirm that I have read the letter from the Indiana Department of Environment that appears directly above. In addition, I understand that in order to complete that project in which I am interested, with a minimum of impact to the environment, I must consider all the issues addressed in the aforementioned letter, and further, that I must obtain any required permits.

Date: Feb 4, 2020

Signature of the INDOT

Project Engineer or Other Responsible Agent




Philip Gralik, PE, City Engineer

Date: 4 February 2020

Signature of the

For Hire Consultant



Elizabet Biggio, Architectural Historian II

From: [Courtade, Julian](#)
To: [Brittney Layton](#)
Subject: RE: Early Coordination Des. No. 1382598, County Line Road, Lake and Porter Counties, IN
Date: Tuesday, February 4, 2020 12:13:29 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

Brittney –

I reviewed the Early Coordination Letter and found no issues with surrounding airspace or airports. This is due to the project meeting the required glideslope requirements to the nearest public-use facility. Please let me know if you have any questions!

Thanks,

Julian L. Courtade

Chief Airport Inspector

INDOT, Office of Aviation

IGCN Room N955

100 North Senate Avenue

Indianapolis, IN 46204

Office: (317) 232-1477

Email: jcourtade@indot.in.gov



From: Brittney Layton [mailto:BLayton@bfsengr.com]
Sent: Tuesday, February 4, 2020 7:58 AM
Cc: Elizabet Biggio <EBiggio@bfsengr.com>
Subject: Early Coordination Des. No. 1382598, County Line Road, Lake and Porter Counties, IN

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Good morning,

Butler, Fairman, & Seufert is conducting Early Coordination as part of the requirements for the environmental process for the proposed construction project located on County Line Road in Lake County and Porter County, Indiana.

We respectfully request your review of the attached Early Coordination Packet within 30 days. Feel free

From: [Clark, Rickie](#)
To: [Brittney Layton](#)
Cc: [Elizabeth Biggio](#); [Spiess, Jessica J](#); [Shrader, Lisa](#)
Subject: RE: Early Coordination Des. No. 1382598, County Line Road, Lake and Porter Counties, IN
Date: Tuesday, February 4, 2020 2:34:57 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[image007.png](#)
[image008.png](#)
[PublicInvolvementTrainingIntroductionDECTues12112019_Edited_lmr.pdf](#)
[PublicInvolvementTraining-Offering a Public Hearing DEC 2019.pdf](#)
[PublicInvolvementTraining-Holding a Public Hearing DEC 2019.pdf](#)
[PublicInvolvementTraining-Criteria to determine which projects require pTues12102019...pdf](#)



INDIANA DEPARTMENT OF TRANSPORTATION

DECENTRALIZATION OF PUBLIC INVOLVEMENT FOR FEDERAL-AID PROJECTS

- **Public involvement process changing for INDOT projects**
- **Public involvement activities for LPA projects will continue to be performed by consultant teams**
- **Certification of public involvement process (INDOT and LPA) to transition to Consultant Services**

Historically, formal public involvement required per federal law/regulation has been a centralized process coordinated by INDOT's Office of Public Involvement (OPI). However, after careful consideration and per executive decision, public involvement (PI) required for federal-aid projects, is transitioning to a decentralized process led by INDOT Project Management (PM) under the leadership of our Capital Program Management Division (CMPD). The decision to decentralize PI is in line with what many departments of transportation have done and are doing to achieve optimal efficiency in project development and delivery.

The timeline for full implementation of PI decentralization began January 1, 2020 and continues through June 30, 2020. This six month period allows sufficient time to evaluate implementation. During this evaluation period, INDOT's Office of Public Involvement will provide guidance, support and in some cases still perform public involvement activities as needed. An example of "as needed" would be projects released for public involvement just before or shortly after the start of the transition period (Jan. 1st) or projects developed in-house with minimal consultant team support that may require public involvement. Projects falling within either scenario would be an example of projects where the Office of Public Involvement would perform related activities.

One way to look at this for consultant teams who perhaps have done work for Local Public Agencies (LPA), the consultant team performs any required public involvement activities. Under the new INDOT PI decentralized process, consultant teams would perform (as directed by INDOT PM) required PI activities for INDOT projects as well.

In moving forward with PI decentralization, the certification of PI requirements will transition to INDOT Consultant Service Managers (CSM).

INDOT OFFICE OF PUBLIC INVOLVEMENT - Prior to the executive decision to decentralize PI, INDOT developed a draft Public Involvement Procedures (PIP) document to update its PI process. This document will be updated to reflect the transition to a decentralized PI process. An updated INDOT Public

Involvement Procedures document is anticipated to be completed and approved by Spring 2020.

Throughout the PI transition (evaluation period through June 30, 2020) the Office of Public Involvement will continue to monitor, oversee and coordinate compliance of state and federal laws/regulations pertaining to public involvement in transportation decision-making. The Office of Public Involvement will continue providing guidance, support and coordination activities working with our ADA, Title VI, Planning/STIP programs. **DECENTRALIZATION OF PI – RESPONSIBILITIES** is generally described below:

Project Management

- Coordinate public involvement activities including public meetings/hearings, advertising the hearings opportunity, documenting all activities undertaken during formal (required) public involvement

Consultant Services

- Certification of public involvement, ensuring public involvement activities are conducted in accordance to federal regulations (per guidance provided by Office of Public Involvement), sign off on NEPA documentation indicating completion of public involvement

Office of Public Involvement

- Develop/facilitate PI training materials, develop resource and guidance materials including ADA and Title VI stakeholder engagement and support services, coordinate and deliver FHWA EDC-5 Virtual Public Innovation (VPI), complete public involvement procedures update (Spring 2020) coordinate joint approval of procedures

PROJECT MANAGEMENT AND CONSULTANT TEAMS

For CE projects, a public hearing must be offered OR held; an exception to this would be for CE projects involving a historic bridge, those require a public hearing

- EA and EIS projects require mandatory public hearing

Most projects in the production schedule are CE level, therefore, upon release of the NEPA document, required public involvement would fall under one of the two scenarios below:

Scenario #1 – Advertise public hearing opportunity

- Publish two legal notices in the local paper to advertise the project and offer the public the opportunity to request a public hearing
- Ensure project documents are available for the public to view (at least one location within reasonable proximity to the project) must be selected, you can have multiple locations if desired
- The public must be offered a minimum of 15 days in which to submit comments or to request a public hearing; the 15 days are calendar days (not business days) and the 15-day comment period begins the date the 1st of the two notices is published
- At the end the 15 day comment period, all comments received must be responded to, all comments and responses are to be documented
- If hearing requests are received, the project sponsor can decide if a hearing is to be held or not
- If no hearing held, then submit all public involvement materials to INDOT for review and to receive public involvement certification
- Once PI certification is received, submit PI materials to INDOT Environmental Services to initiate request for NEPA document approval

Scenario #2 – Hold Public Hearing

- Publish two legal notices in the local paper to advertise the project and offer the public the opportunity to request a public hearing
- Ensure project documents are available for the public to view (at least one location within reasonable

- proximity to the project) must be selected, you can have multiple locations if desired
- Schedule date/time/location for public hearing; ensure venue is ADA compliant
- Publish legal notice in local paper; two legal notices must be published
- The hearing cannot take place sooner than 15 days from the date the 1st legal notice is published
- Hold formal public hearing; a formal presentation should be given, public comments presented verbally must be recorded and transcribed
- Allow 2 weeks following the public hearing for public comments
 - The comment period actually begins once the 1st legal notice is published but it is a good practice to allow a couple weeks after a hearing to receive comments
- Prepare a public hearing's transcript (an accounting of all public involvement activities undertaken for the public, including the public hearing)
- Submit transcript and public involvement materials to INDOT for review and to receive public involvement certification
- Once PI certification is received, submit PI materials to INDOT Environmental Services to initiate request for NEPA document approval

As we move forward with PI decentralization, please feel free to contact me at any time with any questions and concerns you have.

Kind Regards,

Rickie Clark MBA
 Indiana Department of Transportation
 Office of Public Involvement / Communications
 100 North Senate Avenue, Room N642
 Indianapolis, Indiana 46204
Phone: (317) 232-6601 **Email:** rclark@indot.in.gov



From: Brittney Layton <BLayton@bfsengr.com>
Sent: Tuesday, February 04, 2020 7:58 AM
Cc: Elizabet Biggio <EBiggio@bfsengr.com>
Subject: Early Coordination Des. No. 1382598, County Line Road, Lake and Porter Counties, IN

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Good morning,

Butler, Fairman, & Seufert is conducting Early Coordination as part of the requirements for the environmental process for the proposed construction project located on County Line Road in Lake County and Porter County, Indiana.

We respectfully request your review of the attached Early Coordination Packet within 30 days. Feel free to reach out with any questions or concerns.

Thank you,



Office of the Lake County Surveyor

Lake County Government Center • 2293 North Main Street • Crown Point, Indiana 46307
Phone: (219) 755-3745 • Fax: (219) 755-3750

Bill Emerson, Jr., P.E.
County Surveyor

February 4, 2020

Brittney Layton, Environmental Scientist
Butler, Fairman, & Seufert,
8450 Westfield VBlvd., Suite 300,
Indianapolis, Indiana 46240

RE: County Line Road Reconstruction
County Line Road/ US Highway 6 to County Line Road/ Cleveland Street, L.C. & W. 700 N., P.C.
City of Hobart, Lake County, Indiana & City of Portage, Unincorporated Porter County, Indiana
Des. No.: 1382598

Dear Ms. Layton,

The Lake County Surveyor's Office has received and reviewed the letter sent to our office on the above referenced project.

It is the understanding of the Lake County Surveyor's Office that the city of Portage, Porter County & the City of Hobart have plans for reconstruction of a portion of County Line Road. Due to the project being within the municipality of Hobart, Portage and Porter County, they have full authority to request what is needed within their ordinances. There appear to be several Section Corners that are within your project. They are located along County Line Road, but if you do happen to encounter anything else (undocumented perpetuated section corners) please adheres to the following.

Be advised that any monumentation that is directly or indirectly impacted with the proposed project, must be replaced/ restored to its original condition or better by you or your contractor, and is subject to conditions set forth by the Lake County Surveyor's Office or its agents. Indiana Code 36-2-12-1 et. seq. and other applicable statutes and/or ordinances.

Any Section Corner disturbed or removed must be re-established by an Indiana Registered Land Surveyor and/or Professional Engineer. All witness references must be tied to the newly established

Section Corner, and ALL documentation immediately forwarded to the Lake County Surveyor's Office for its records.

Any Benchmark in danger of disturbance must be replaced with a Brass Monument and must have an elevation established by an Indiana Registered Land Surveyor and/or Professional Engineer. The elevation must be tied to an existing USC&GS benchmark, and ALL documentation immediately forwarded to the Lake County Surveyor's Office for its records.

PROCEDURE: All visible stamped or tagged survey monuments found in rights-of-way that may be destroyed by construction or maintenance activities must be perpetuated under the supervision of a licensed Indiana Professional Land Surveyor. This will be achieved for each found monument by the following:

A. Prior to the development of all construction or major maintenance contracts;

(1) The Design Engineer shall request the Lake County Surveyor to verify the presence of any Survey Corners within the construction zone.

(2) The Lake County Surveyor will conduct an in-house record search to determine if there are any Survey Corners within the right-of-way. If so, they will be verified in the field.

(3) All found Survey Corners will be listed in the contract by the Design Engineer for perpetuation;

(a) They must be perpetuated according to Indiana Code 36-2-12-1 Et. Seq. by an Indiana Licensed Professional Land Surveyor then tied to three (3) reference monuments. A copy of the recorded Corner Record for each monument with a written report identifying the character, location, description and ties of the new monument and Reference Monuments shall be sent by the land surveyor to the Lake County Surveyor's Office 2293 North Main Street, Crown Point, Indiana 46307.

(4) At the discretion of the Lake County Surveyor, any Survey Corner found in the roadway will be tied to three (3) Reference Monuments set by a licensed Indiana Professional Land Surveyor. A Corner Record will be sent to the Lake County Surveyor to be recorded.

(5) The Lake County Surveyor will maintain a record of all perpetuated Survey Corners.

B. Prior to staking a construction project;

(1) The Engineer, under the direction of the Lake County Surveyor, will follow the provisions in Indiana Code 36-2-12-1 Et. Seq. and field verify the presence of all visible monuments.

(2) Any Survey Corners found and which are not listed in the contract plans for perpetuation will be added to the contract for perpetuation as defined the Procedure (3)(a).

(3) The Engineer will tie all visible stamped or tagged Survey Corners or Benchmarks that may be disturbed. The ties will be to three (3) existing visible Reference Monuments or three (3) set visible Reference Monuments, which will not be disturbed during construction activities. Instruction on procedures used to tie a Survey Corner or Benchmark or to construct a Reference Monument will be available from the Lake County Surveyor.

(4) Found monuments will be noted in the as-built construction plans and written report identifying the character, location, description and ties of the monument and Reference Monuments will be sent to the Lake County Surveyor 2293 North Main Street, Crown Point, Indiana 46307.

(5) After review and acceptance of the written report, monuments used to reference a Survey Corner or Benchmark shall be approved to be stamped by an Indiana Licensed Professional Land Surveyor with the registration number by memo from the Surveyor to the Lake County Surveyor.

(6) INDOT will maintain a record of all tied Survey Corners or Benchmarks and a Record will be sent by INDOT to the Lake County Surveyor for its record.

C. Prior to maintenance activities that will cover or destroy monuments;

(1) INDOT, under the direction of the Lake County Surveyor, will follow the provision in Indiana Code 36-2-12-1 Et. Seq., and field verify the presence of any monuments.

(2) Any Survey Corners found will be reported to the Lake County Surveyor with a request that the monument be perpetuated prior to maintenance activities.

(3) INDOT will tie all visible stamped or tagged Survey Corners or Benchmarks that may be disturbed. Instruction on procedures used to tie Survey Corner or Benchmark or to construct a Reference Monument will be available from the Lake County Surveyor.

(4) Found and tied monuments will be noted in the latest as-built construction plans and a written report identifying the character, location, description and ties of the monument and reference monuments will be sent to the Lake County Surveyor, 2293 North Main Street, Crown Point, Indiana 46307.

(5) After review and acceptance of the written report, monuments used to reference Survey Corners or Benchmarks shall be approved to be stamped with the registration number of the licensed Indiana Professional Land Surveyor by memo from the Lake County Surveyor.

(6) The Lake County Surveyor will maintain a record of all tied Survey Corners or Benchmarks in the Office of the Lake County Surveyor.

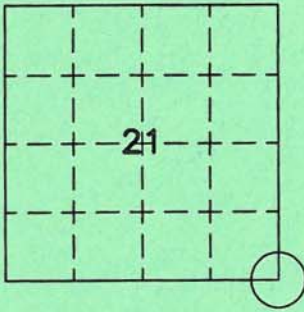
Sincerely,

A handwritten signature in blue ink, appearing to read "Juan Lopez", is written over a horizontal line.

Juan J. Lopez
Surveying Administrator

cc: Bill Emerson, Jr, PE, Lake County Surveyor
Daniel V. Gossman, Drainage Administrator

COR. I.D.=Q 19



SEC. SE21, 36TN., R.7W.

ALSO NE SEC.28, 36TN., R.7W.

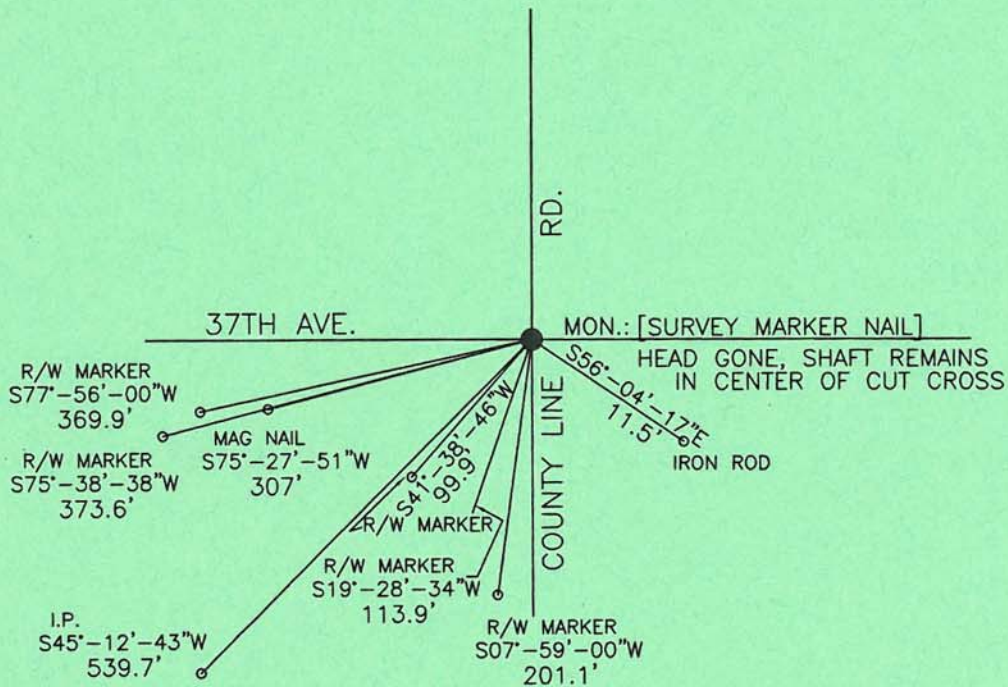
CORNER RECORD LAKE COUNTY, IN.

OFFICE OF THE COUNTY SURVEYOR
2293 N. MAIN ST. CROWN POINT, IN 46307 219-755-3745

DATE: 07/10/13
PREPARED BY: JUAN LOPEZ
FIELD CREW: JUAN LOPEZ, JOEL JANOWSKI, MARK SOPATA

HOBART TOWNSHIP

I.S.P.C. WEST ZONE, NAD 83 HOR. NAVD 88 VERT. COORDINATES: N=2295649.9, E=2914934.9, Z=627.5'
SURFACE MARK: SHAFT OF SURVEY MARKER NAIL IN CENTER OF CUT CROSS
TRIMBLE VRS/GPS USED TO LOCATE WITH INDIANA CORS NETWORK



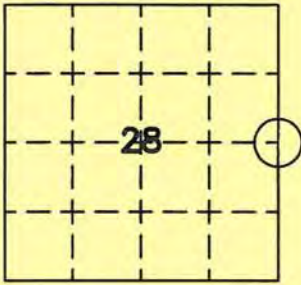
SURVEYOR'S REPORT:
DLZ'S COORDINATES CHECKED, TIED INTO 7 EXISTING WITNESSES

RW Dillon
WAID DILLON
INDIANA REG. LAND SURVEYOR #29500005



(SEAL)

COR. I.D.=1/4 Q 19-20



SEC. E 28, 36TN., R.7W.

ALSO W 27, 36TN., R.7W.

[PORTER CO. CORNER INDEX 1-51 "0"]

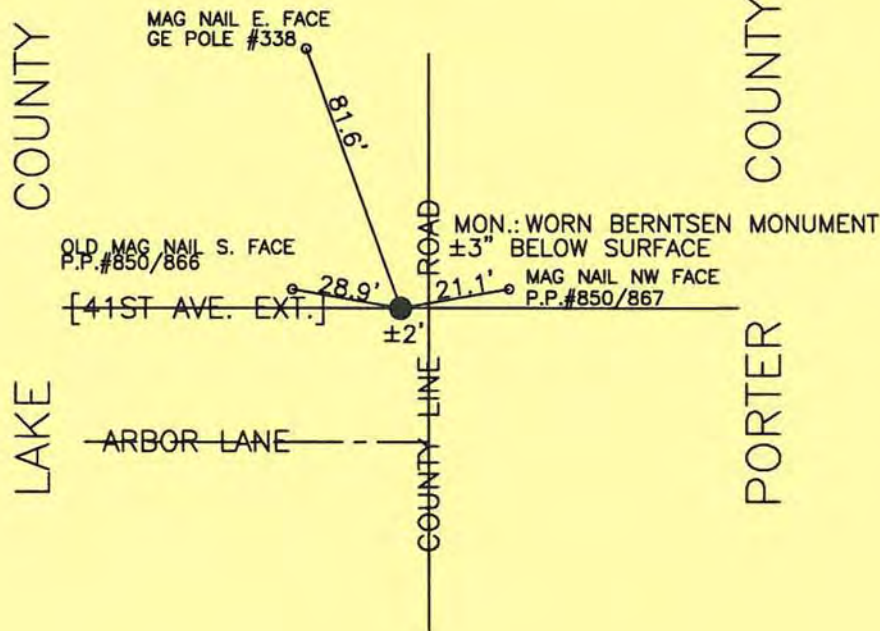
CORNER RECORD LAKE COUNTY, IN.

OFFICE OF THE COUNTY SURVEYOR
2293 N. MAIN ST. CROWN POINT, IN 46307 219-755-3745

DATE: 01/05/12
PREPARED BY: RUSSELL WAID DILLON
FIELD CREW: JAY LOPEZ, JOEL JANOWSKI

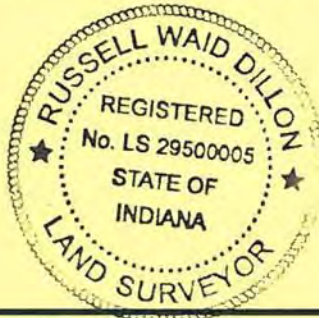
HOBART TOWNSHIP

I.S.P.C. WEST ZONE, NAD 83 HOR. NAVD 88 VERT. COORDINATES: N=2293009.8, E=2914995.7, Z=630.7'
SURFACE MARK: WORN BERNTSEN MONUMENT $\pm 3"$ BELOW SURFACE
TRIMBLE VRS/GPS WITH INDIANA NETWORK USED TO LOCATE, HORIZONTAL PRECISION: 0.021SFT, VERTICAL PRECISION: 0.040SFT



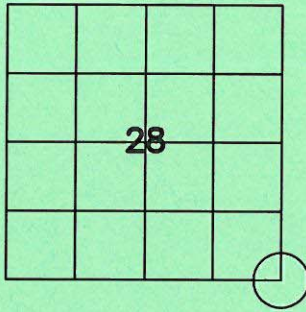
SURVEYOR'S REPORT:
WAS SHOT BY LCS, PERPETUATED BY PORTER COUNTY SURVEYOR'S OFFICE. NEW
WITNESSES SET.

RWD
WAID DILLON
INDIANA REG. LAND SURVEYOR #29500005



(SEAL)

COR. I.D.=Q 20



CORNER RECORD LAKE COUNTY, IN.

OFFICE OF THE COUNTY SURVEYOR, BILL EMERSON, JR.
2293 N. MAIN ST. CROWN POINT, IN 46307 219-755-3745

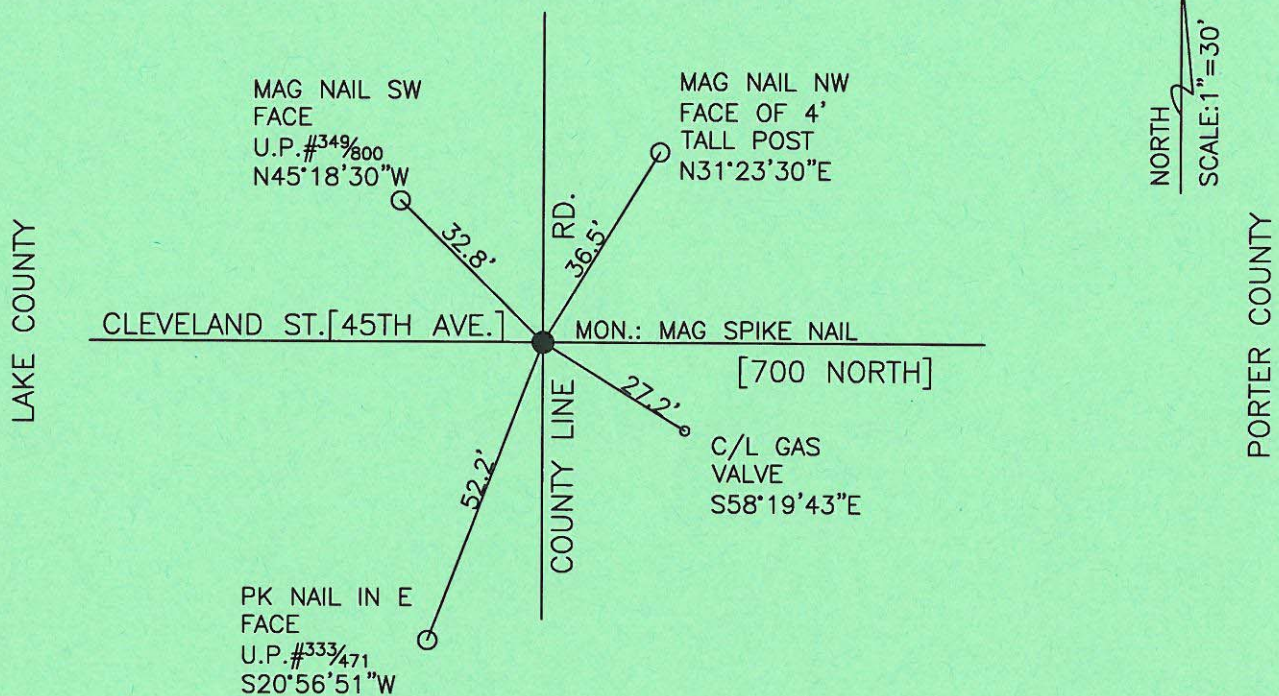
DATE: 06/27/14
PREPARED BY: JUAN LOPEZ
FIELD CREW: JOEL JANOWSKI, CONRAD DEERICK

SEC. SE28, 36TN., R.7W.


ALSO NE SEC.33, 36TN., R.7W.

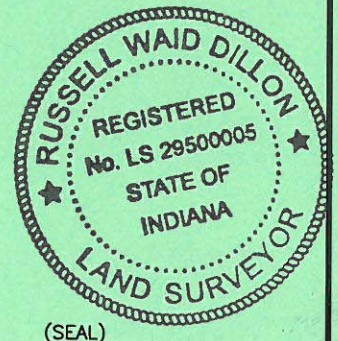
HOBART TOWNSHIP

I.S.P.C. WEST ZONE, NAD 83 HOR. NAVD 88 VERT. COORDINATES: N=2290366.5, E=2915046.0, Z=628.7'
SURFACE MARK: SURVEY MAG SPIKE
SPECTRA PRECISION EPOCH 50 VRS/GPS USED TO LOCATE WITH INDIANA NETWORK



SURVEYOR'S REPORT:
PREVIOUSLY PERPETUATED CORNER. DLZ'S COORDINATES WERE CHECKED AND HELD.


WAID DILLON
INDIANA REG. LAND SURVEYOR #29500005



From: [Sharkey, Ashley](#)
To: [Brittney Layton](#)
Subject: RE: Early Coordination Des. No. 1382598, County Line Road, Lake and Porter Counties, IN
Date: Thursday, February 6, 2020 4:44:10 PM

Brittney –

Thank you so much for sending information to La Porte district environmental team. We do not have any comments at this moment.

If you have any questions, or need help with this project, please let us know.

Thank you,

Ashley

From: Brittney Layton [mailto:BLayton@bfsengr.com]
Sent: Tuesday, February 04, 2020 6:58 AM
Cc: Elizabet Biggio <EBiggio@bfsengr.com>
Subject: Early Coordination Des. No. 1382598, County Line Road, Lake and Porter Counties, IN

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Good morning,

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We respectfully request your review of the attached Early Coordination Packet within 30 days. Feel free to reach out with any questions or concerns.

Thank you,

Brittney Layton, M.A.
Environmental Scientist

Butler, Fairman & Seufert, Inc.
8450 Westfield Blvd., Suite 300 | Indianapolis, IN 46240-8302 |
p 317-713-4615 | f 317-713-4616
BLayton@bfsengr.com | www.BFSEngr.com

From: [Brittney Layton](#)
To: ["Timothy Kingsland"](#)
Cc: [Elizabet Biggio](#); [Phillip Gralik](#); [Jake Dammarell](#); [Ryan Scott](#); [Andrea Langille](#)
Subject: RE: Early Coordination Des. No. 1382598, County Line Road, Lake and Porter Counties, IN
Date: Tuesday, February 11, 2020 8:44:56 AM

Good morning Tim,

Thank you for your response and concerns. We appreciate your input! I wanted to first and foremost reassure you that this is the *early* coordination of the environmental process for the project, not a full report of findings. However, BF&S completed a full corridor study for the City of Hobart in 2015. The corridor has also been studied by a Professional Wetland Scientist and an environmental specialist. There is a field confirmed wetland of approximately 58.61 acres along Duck Creek (see the Ecological Evaluation Form in the Early Coordination Packet that includes information on vegetation, species, and habitat).

The project will need a 401/404 USACE/IDEM permit and a CIF permit for Duck Creek and the UNT. There are potential wetland impacts. If there is wetland fill, then mitigation may be required. Agency recommendations for avoidance and mitigation measures for habitats and endangered species are being incorporated into design measures. While this is only a portion of what has been done for this project, please be assured that we are still in progress of the environmental process of this project. Elizabet is looking at all angles, and compiling all the information, to get as complete and accurate a profile for the area as possible.

If you have any further concerns that we can address, please feel free to reach out. Thank you, again.

Brittney Layton, M.A.
Environmental Scientist

Butler, Fairman & Seufert, Inc.
8450 Westfield Blvd., Suite 300 | Indianapolis, IN 46240-8302 |
p 317-713-4615 | f 317-713-4616
BLayton@bfsengr.com | www.BFSEngr.com



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From: Timothy Kingsland <tkingsland@cityofhobart.org>
Sent: Monday, February 10, 2020 4:19 PM
To: Brittney Layton <BLayton@bfsengr.com>
Cc: Elizabet Biggio <EBiggio@bfsengr.com>; Phillip Gralik <pgralik@cityofhobart.org>; Jake Dammarell <JDammarell@bfsengr.com>
Subject: RE: Early Coordination Des. No. 1382598, County Line Road, Lake and Porter Counties, IN

Brittney,

Per my initial review of the area through the city GIS (April and July, 2019 aerials) and from my field inspection of 2/10/2020, it looks like at a minimum of two culvert crossings (maybe 3 in total?) as indicated per your report, will be affected by the road construction. I have attached two maps that indicate locations and vegetation concerns. The culvert crossing areas indicated in the maps, have significant hydrology concerns such as vegetation and potentially, habitat issues. Plus one crossing may be a conveyance for a water of the state which may require a ACOE/IDEM permit? In addition, the soils information of your report indicate potentially a wet environment?

I'm concern that I did not see these items identified in the Stream or the Wetland portion of your early coordination letter. The NWI is at best, a guide only and per my field inspection of today, I believe more investigation is required to determined any critical environment concerns that may effect the construction of the road.

Tim Kingsland

HSD Coordinator

Hobart Sanitary/Storm Water District
414 Main Street, Hobart, IN.
Office# (219) 942-3619
Cell# (219) 406-7338
E-Mail: tkingsland@cityofhobart.org

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February 12, 2020

Brittney Layton
Butler, Fairman & Seufert
8450 Westfield Boulevard, Suite 300
Indianapolis, Indiana 46240

Dear Ms. Layton:

The proposed project to reconstruct County Line Road in Lake and Porter County, Indiana, (Des No 1382598) as referred to in your letter received February 4, 2020, will cause a conversion of prime farmland.

The attached packet of information is for your use competing Parts VI and VII of the AD-1006. After completion, the federal funding agency needs to forward one copy to NRCS for our records.

If you need additional information, please contact John Allen at 317-295-5859.

Sincerely,

JILL REINHART
Digitally signed by JILL
REINHART
Date: 2020.02.13 11:14:51 -05'00'

Acting For

JERRY RAYNOR
State Conservationist

Enclosures



FARMLAND CONVERSION IMPACT RATING

PART I (To be completed by Federal Agency)		Date Of Land Evaluation Request			
Name of Project		Federal Agency Involved			
Proposed Land Use		County and State			
PART II (To be completed by NRCS)		Date Request Received By NRCS		Person Completing Form:	
Does the site contain Prime, Unique, Statewide or Local Important Farmland? (If no, the FPPA does not apply - do not complete additional parts of this form)		YES <input type="checkbox"/>	NO <input type="checkbox"/>	Acres Irrigated	Average Farm Size
Major Crop(s)	Farmable Land In Govt. Jurisdiction Acres: %		Amount of Farmland As Defined in FPPA Acres: %		
Name of Land Evaluation System Used	Name of State or Local Site Assessment System		Date Land Evaluation Returned by NRCS		
PART III (To be completed by Federal Agency)		Alternative Site Rating			
		Site A	Site B	Site C	Site D
A. Total Acres To Be Converted Directly					
B. Total Acres To Be Converted Indirectly					
C. Total Acres In Site					
PART IV (To be completed by NRCS) Land Evaluation Information					
A. Total Acres Prime And Unique Farmland					
B. Total Acres Statewide Important or Local Important Farmland					
C. Percentage Of Farmland in County Or Local Govt. Unit To Be Converted					
D. Percentage Of Farmland in Govt. Jurisdiction With Same Or Higher Relative Value					
PART V (To be completed by NRCS) Land Evaluation Criterion Relative Value of Farmland To Be Converted (Scale of 0 to 100 Points)					
PART VI (To be completed by Federal Agency) Site Assessment Criteria (Criteria are explained in 7 CFR 658.5 b. For Corridor project use form NRCS-CPA-106)		Maximum Points	Site A	Site B	Site C
1. Area In Non-urban Use		(15)			
2. Perimeter In Non-urban Use		(10)			
3. Percent Of Site Being Farmed		(20)			
4. Protection Provided By State and Local Government		(20)			
5. Distance From Urban Built-up Area		(15)			
6. Distance To Urban Support Services		(15)			
7. Size Of Present Farm Unit Compared To Average		(10)			
8. Creation Of Non-farmable Farmland		(10)			
9. Availability Of Farm Support Services		(5)			
10. On-Farm Investments		(20)			
11. Effects Of Conversion On Farm Support Services		(10)			
12. Compatibility With Existing Agricultural Use		(10)			
TOTAL SITE ASSESSMENT POINTS		160			
PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)		100			
Total Site Assessment (From Part VI above or local site assessment)		160			
TOTAL POINTS (Total of above 2 lines)		260			
Site Selected:	Date Of Selection	Was A Local Site Assessment Used? YES <input type="checkbox"/> NO <input type="checkbox"/>			
Reason For Selection:					
Name of Federal agency representative completing this form:					Date:

(See Instructions on reverse side)

Form AD-1006 (03-02)

Brittney Layton

From: Harris, Jeneen CIV USARMY CELRC (USA) <Jeneen.Harris@usace.army.mil>
Sent: Friday, February 14, 2020 11:43 AM
To: Brittney Layton
Cc: Leffler, Paul M CIV USARMY CELRC (USA)
Subject: RE: Early Coordination Des. No. 1382598, County Line Road, Lake and Porter Counties, IN (UNCLASSIFIED)

Importance: High

Categories: Filed by Newforma

CLASSIFICATION: UNCLASSIFIED

Hello Brittney,

Your project is important, the request number LRC-2020-00116 (County Line Road, Lake and Porter Counties, Indiana), (please reference this number in all future correspondence) has been forwarded to the Project Manager Paul Leffler for care and consideration.

Mr. Leffler will contact you soon, as possible, and if additional information is requested during the review of your submittal please email all documents directly to Paul.

The Regulatory Program is committed to protecting the Nation's aquatic resources and navigation capacity, while allowing reasonable development through fair and balanced decisions. Thank you for working with us to successfully achieve this mission. I encourage you to visit our website at:

<http://www.lrc.usace.army.mil/Missions/Regulatory.aspx>

I thank and appreciate you for all that you do.

Jeneen Harris LRC
Administrative Support Assistant
U.S. Army Corp of Engineers
Regulatory Branch (TSD-R)
231 S. LaSalle Street
Chicago, Illinois 60604
#312-846-5526

Be the one instead of the many.....

-----Original Message-----

From: Brittney Layton [mailto:BLayton@bfsengr.com]
Sent: Tuesday, February 4, 2020 6:58 AM
Cc: Elizabet Biggio <EBiggio@bfsengr.com>
Subject: [Non-DoD Source] Early Coordination Des. No. 1382598, County Line Road, Lake and Porter Counties, IN

Good morning,



6100 Southport Road
Portage, Indiana 46368
(219) 763-6060
www.nirpc.org

March 3, 2020

Brittney Layton
Butler, Fairman & Seufert
8450 Westfield Blvd., Suite 300
Indianapolis, IN 46240-5920

Re: Des. No. 1382598, Countyline Road Reconstruction, 2.7 miles south of I-80 and 4.55 miles east of the I-65/37th Avenue Interchange - Lake County and Porter County, Indiana

Dear Ms. Layton,

The Northwestern Indiana Regional Planning Commission has reviewed the early coordination letter, dated February 4, 2020, for the referenced project. A review of the information provided shows the project area draining to an unnamed tributary of Deep River which is included on the 303(d) List of Impaired Waterbodies. Impairments identified in this reach include impaired biotic communities and *E. coli*. A TMDL and watershed management plan were completed by IDEM and NIRPC to help identify restoration actions that would ultimately result in the delisting of this tributary and other waterways in the Deep River-Portage Burns Waterway watershed. The TMDL calls for a 49% improvement in dissolved oxygen concentrations, 9% reduction in total suspended solids, and 64% reduction in *E. coli*. NIRPC's primary concern, as it relates to the project area, is the impaired biotic communities and the potential impacts associated with increased stormwater runoff volume and rates into the tributary system that has already been documented to have channel stability issues.

Based on purpose of the County Line road reconstruction project and the findings and recommendations in the TMDL and watershed management plan, NIRPC encourages the project design incorporate post-construction storm water best management practices that increase storage and reduce peak flow rates, sediment and oxygen demanding substance loading associated with the new/improved roadway drainage infrastructure. Possible BMPs identified in the TMDL and watershed management plan that could be retrofitted into the ROW include, grassed swales, native and water quality devices. Additionally, consider utilizing/retrofitting the existing basins bordering Arbor Lane. There appears to be some capacity for infiltration and storage based on brief field visit conducted by NIRPC on March 3, 2020. Incorporation of native plantings (herbaceous, shrubs, trees) to enhance pollinator habitat is also strongly encouraged as part of the design.

The Deep River-Portage Burns Waterway Watershed Management Plan is available on NIRPC's website. The Deep River-Portage Burns Waterway TMDL Report is available on IDEM's website. Please do not hesitate to contact me if you should have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Paul C. [unclear]", is written over a light blue horizontal line.

Senior Water Resource Planner
Northwestern Indiana Regional Planning Commission

THIS IS NOT A PERMIT

State of Indiana
DEPARTMENT OF NATURAL RESOURCES
Division of Fish and Wildlife
Early Coordination/Environmental Assessment

DNR #: ER-22201

Request Received: February 4, 2020

Requestor: Butler, Fairman & Seufert Inc
Brittney Layton
8450 Westfield Boulevard, Suite 300
Indianapolis, IN 46240

Project: County Line Road reconstruction from Cleveland Avenue (CR 700 North) to US 6 (Ridge Road) with two culvert replacements and a new outlet, City of Hobart; Des #1382598

County/Site info: Lake - Porter

The Indiana Department of Natural Resources has reviewed the above referenced project per your request. Our agency offers the following comments for your information and in accordance with the National Environmental Policy Act of 1969.

If our agency has regulatory jurisdiction over the project, the recommendations contained in this letter may become requirements of any permit issued. If we do not have permitting authority, all recommendations are voluntary.

*NOTE: This project is within the Lake Michigan Coastal Program's boundary; therefore, it may be subject to Federal Consistency (FC) review. Please go to <http://www.in.gov/dnr/lakemich/files/20070214-IR-312070085NRA.xml.pdf> (Section III, pages 8-16) to see the federal activities that require a project to go through the FC process which is outlined at <http://www.in.gov/dnr/lakemich/6041.htm>.

Regulatory Assessment: This proposal will require the formal approval of our agency for construction in a floodway pursuant to the Flood Control Act (IC 14-28-1), unless it qualifies for a bridge exemption or qualifies for a general license under Administrative Rule 312 IAC 10-5 that applies to outfall structures (see enclosures). Please include a copy of this letter with the permit application if the project does not meet the bridge exemption or general license criteria.

Natural Heritage Database: The Natural Heritage Program's data have been checked. To date, no plant or animal species listed as state or federally threatened, endangered, or rare have been reported to occur in the project vicinity.

Fish & Wildlife Comments: Avoid and minimize impacts to fish, wildlife, and botanical resources to the greatest extent possible, and compensate for impacts. The following are recommendations that address potential impacts identified in the proposed project area:

1) Stream Crossing Structures:

For purposes of maintaining fish and wildlife passage through a crossing structure, the Environmental Unit recommends bridges rather than culverts and bottomless culverts rather than box or pipe culverts. Wide culverts are better than narrow culverts, and culverts with shorter through lengths are better than culverts with longer through lengths. If box or pipe culverts are used, the bottoms should be buried a minimum of 6" (or 20% of the culvert height/pipe diameter, whichever is greater up to a maximum of 2') below the stream bed elevation to allow a natural streambed to form within or under the crossing structure. Crossings should: span the entire channel width (a minimum of 1.2 times the OHWM width); maintain the natural stream substrate within the structure; have a minimum openness ratio (height x width / length) of 0.25; and have stream depth, channel width, and water velocities during low-flow conditions that are approximate to those in the natural stream channel. Banklines should be restored

Attachments: A - Bridge Exemption Criteria
B - Outfall Exemption Criteria

State of Indiana
DEPARTMENT OF NATURAL RESOURCES
Division of Fish and Wildlife
Early Coordination/Environmental Assessment

within box and pipe structures to allow for wildlife passage above the ordinary highwater mark.

The new, replacement, or rehabbed structure, and any bank stabilization under the structure, should not create conditions that are less favorable for wildlife passage under the structure compared to the current conditions. When determining an appropriate bridge or culvert size, consider whether or not wildlife/vehicle collisions are a concern at the crossing site. If feasible, a larger bridge or culvert opening can allow for the movement of wildlife under the roadway in order to minimize wildlife/vehicle collisions.

2) Forested/Riparian Habitat:

We recommend a mitigation plan be developed (and submitted with the permit application, if required) for any unavoidable habitat impacts that will occur. The DNR's Floodway Habitat Mitigation guidelines (and plant lists) can be found online at: <http://www.in.gov/legislative/iac/20190130-IR-312190041NRA.xml.pdf>.

Impacts to non-wetland forest of one (1) acre or more should be mitigated at a minimum 2:1 ratio. If less than one acre of non-wetland forest is removed in a rural setting, replacement should be at a 1:1 ratio based on area. Impacts to non-wetland forest under one (1) acre in an urban setting should be mitigated by planting five trees, at least 2 inches in diameter-at-breast height (dbh), for each tree which is removed that is 10" dbh or greater (5:1 mitigation based on the number of large trees).

3) Lighting:

The International Dark-Sky Association (IDA) states that, to minimize the negative impacts of artificial lighting on wildlife, "lighting should only be on when needed, only light the area that needs it, be no brighter than necessary, minimize blue light emissions, [and] be fully shielded (pointing downward)". The Division of Fish and Wildlife strongly encourages visiting the IDA's website to learn more about selecting lighting fixtures that minimize the harmful effects of lighting on humans and wildlife: <http://darksky.org/lighting/lighting-basics/>.

1. Revegetate all bare and disturbed areas within the project area using a mixture of grasses (excluding all varieties of tall fescue), sedges, and wildflowers native to Northern Indiana and specifically for stream bank/floodway stabilization purposes as soon as possible upon completion.
2. Minimize and contain within the project limits inchannel disturbance and the clearing of trees and brush.
3. Do not work in the waterway from April 1 through June 30 without the prior written approval of the Division of Fish and Wildlife.
4. Do not cut any trees suitable for Indiana bat or Northern Long-eared bat roosting (greater than 5 inches dbh, living or dead, with loose hanging bark, or with cracks, crevices, or cavities) from April 1 through September 30.
5. Appropriately designed measures for controlling erosion and sediment must be implemented to prevent sediment from entering the stream or leaving the construction site; maintain these measures until construction is complete and all disturbed areas are stabilized.
6. Seed and protect all disturbed streambanks and slopes not protected by other methods that are 3:1 or steeper with erosion control blankets that are heavy-duty, biodegradable, and net free or that use loose-woven / Leno-woven netting to minimize the entrapment and snaring of small-bodied wildlife such as snakes and turtles (follow manufacturer's recommendations for selection and installation); seed and apply mulch on all other disturbed areas.
7. Do not excavate or place fill in any riparian wetland.

THIS IS NOT A PERMIT

State of Indiana
DEPARTMENT OF NATURAL RESOURCES
Division of Fish and Wildlife
Early Coordination/Environmental Assessment

Contact Staff:

Christie L. Stanifer, Environ. Coordinator, Fish & Wildlife
Our agency appreciates this opportunity to be of service. Please contact the above staff member at (317) 232-4080 if we can be of further assistance.



Date: March 4, 2020

Christie L. Stanifer
Environ. Coordinator
Division of Fish and Wildlife

Attachments: A - Bridge Exemption Criteria
B - Outfall Exemption Criteria



United States Department of the Interior

Fish and Wildlife Service



Indiana Field Office (ES)
620 South Walker Street
Bloomington, IN 47403-2121
Phone: (812) 334-4261 Fax: (812) 334-4273

March 23, 2020

Ms. Brittney Layton
Butler, Fairman, & Seufert
8450 Westfield Boulevard, Suite 300
Indianapolis, Indiana 46240

Project No.: Des. 1382598
Project: County Line Road Reconstruction
Location: Lake and Porter Counties

Dear Ms. Layton:

This responds to your letter received March 17, 2020, requesting our comments on the aforementioned project.

These comments have been prepared under the authority of the Fish and Wildlife Coordination Act (16 U.S.C. 661 et. seq.) and are consistent with the intent of the National Environmental Policy Act of 1969, the Endangered Species Act of 1973, and the U. S. Fish and Wildlife Service's Mitigation Policy.

The proposed project consists of the reconstruction of approximately 1.03 miles of County Line Road between US 6 and Cleveland Avenue/CR 700 North. The project includes widening and repaving the roadway plus drainage improvements. The drainage improvements include a new storm sewer under the roadway and a new outlet sewer about 1,000 feet to the west along Arbor Lane and new right-of-way to an unnamed tributary of Deep River. About 6.16 acres of new right-of-way would be required, with the majority of that associated with the new storm sewer outlet.

On November 26, 2018, we received an email inquiry from Jennifer Lozano of Butler, Fairman & Seufert about whether or not this project can utilize the range-wide programmatic consultation process for the Indiana and northern long-eared bats. We determined that because the storm sewer outlet to an unnamed tributary of Deep River (not Duck Creek – Duck Creek is approximately 1.5 miles south of the sewer alignment) is more than 300 feet from any existing roadway pavement (in this case Arbor Lane), the programmatic process cannot be used since the sewer line is an integral part of the project.

It appears that several acres of woodland would be removed to install the storm sewer outlet to the unnamed tributary of Deep River, and wetlands may also be impacted. Wetlands along the tributary may include fens, which are a special type of wetland considered rare in Indiana; Duck Creek and other streams tributary to Deep River in the Hobart area are known to include fens. If fens are present, they should be avoided to the maximum extent possible. If the wetlands are impacted by invasive plants species, enhancement through removal/control of invasives may be a mitigation possibility. Mitigation for woodland losses would also be necessary.

ENDANGERED SPECIES

The proposed project is within the range of the Federally endangered Indiana bat (Myotis sodalis), piping plover (Charadrius melodus), and Karner blue butterfly (Lycaeides melissa samuelis), and the threatened northern long-eared bat (Myotis septentrionalis), red knot (Calidris canutus rufa), eastern massasauga rattlesnake (Sistrurus catenatus), Pitcher's thistle (Cirsium pitcheri), and Mead's milkweed (Asclepias meadii). There is no habitat in the project area for the piping plover, Karner blue butterfly, red knot, eastern massasauga, Pitcher's thistle, and Mead's milkweed. There is potential summer nursery habitat for the 2 bats within the woodlands affected by the storm sewer outlet to the unnamed tributary of Deep River. Therefore, it will be necessary to restrict tree clearing to the time of year when the bats would not be present, which is between 1 October and 1 April. We also request mitigation for the woodland acreage that would be lost to the project. With these tree cutting time restrictions and mitigation in place, the USFWS agrees that the proposed project is not likely to adversely affect these endangered and threatened species.

This precludes the need for further consultation on this project as required under Section 7 of the Endangered Species Act of 1973, as amended. However, should new information arise pertaining to project plans or a revised species list be published, it will be necessary for the Federal agency to reinitiate consultation.

We appreciate the opportunity to comment on this proposed project. Please keep us informed as project planning progresses. For further discussion, please contact Elizabeth McCloskey at (219) 983-9753 or elizabeth_mccloskey@fws.gov.

Sincerely yours,

/s/ *Elizabeth S. McCloskey*

for Scott E. Pruitt
Supervisor

Sent via email March 23, 2020; no hard copy to follow.

cc: Christie Stanifer, Environmental Coordinator, Division of Fish and Wildlife, Indianapolis, IN
Marty Maupin, IDEM, Office of Water Management, Indianapolis, IN
Paul Leffler, USACE, Regulatory Office, Chicago, IL



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Indiana Ecological Services Field Office

620 South Walker Street

Bloomington, IN 47403-2121

Phone: (812) 334-4261 Fax: (812) 334-4273

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



In Reply Refer To:

March 20, 2020

Consultation Code: 03E12000-2019-SLI-0224

Event Code: 03E12000-2020-E-04949

Project Name: Des. No. 1382598, County Line Road Reconstruction

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

To Whom It May Concern:

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

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

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

Please use the species list provided and visit the U.S. Fish and Wildlife Service's Region 3 Section 7 Technical Assistance website at - <http://www.fws.gov/midwest/endangered/section7/s7process/index.html>. This website contains step-by-step instructions which will help you

determine if your project will have an adverse effect on listed species and will help lead you through the Section 7 process.

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

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

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

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Indiana Ecological Services Field Office

620 South Walker Street

Bloomington, IN 47403-2121

(812) 334-4261

Project Summary

Consultation Code: 03E12000-2019-SLI-0224

Event Code: 03E12000-2020-E-04949

Project Name: Des. No. 1382598, County Line Road Reconstruction

Project Type: BRIDGE CONSTRUCTION / MAINTENANCE

Project Description: The City of Hobart proposes improvements to County Line Road between US 36 (Ridge Road, W. 37th Avenue) and Cleveland Avenue (W. County Road 700 North) (INDOT Des No. 11382598). The total project length is approximately 1.22 mile.

The proposed project consists of pavement reconstruction and widening, sidewalk replacement and extension, and drainage improvements. The typical section between US 6 and Coral Drive will consist of an 11-foot travel lane in each direction with a 14-foot two-way-left turn lane (TWLTL) to help manage the volume of traffic (Appendix B, B#). The typical section between Coral Drive and Cleveland Avenue (CR 700 North) will consist of an 11-foot travel lane in each direction with an 11-foot northbound turn lane switching to a southbound left turn lane at the intersection of County Line Road and Cleveland Avenue (CR 700 North). A 2-foot, 7-inch concrete curb and gutter will be installed on each side of the road. Street lighting will be installed along the corridor.

The existing sidewalk on the west side of County Line Road between (CR 700 North) and approximately 175 feet north of Coral Drive will be replaced and extended along the west side of County Line Road to Cleveland Avenue. Replacement sidewalks will be 6 feet wide between Cleveland Avenue (CR 700 North) and approximately 165 feet south of Coral Drive. The new sidewalk will be 8-10 feet and will run from approximately 165 feet south of Coral Drive to US 6 (Ridge Road). The sidewalk and curb ramps will be Americans with Disabilities Act (ADA)-compliant. Improvements will be made to the Oak Savannah/Prairie Duneland Trail crossing of County Line Road, approximately 0.23 mile south of US 6 (Ridge Road), including a mid-crossing refuge, new signage and pavement markings, with consideration of a flashing warning light or Rectangular Rapid Flash Beacon (RRFB). The crossing will be ADA-compliant.

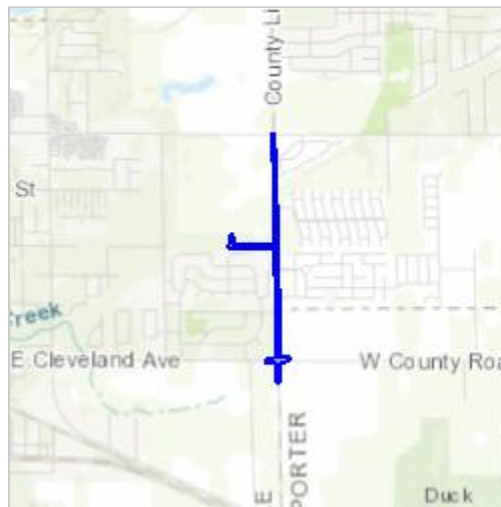
The two existing CMP culverts under County Line Road will be replaced. An approximately 36-inch storm water drainage pipe and outlet will be installed along the north side of Arbor Lane extending approximately

1,000 feet west of County Line Road along Arbor Lane, then turning north for 350 and outletting into a UNT to the Deep River. A storm sewer system with a trunkline of a maximum 36-inch diameter will be added underneath County Line Road. Inlets and manholes will be installed.

Approximately 3.46 acres of permanent and 0.83 acre of temporary right-of-way (ROW) acquisition is anticipated. Permanent ROW will consist largely of mowed grass, with some concrete sidewalk, adjacent to the current roadway. It is possible some anticipated permanent ROW may be converted to a utility easement. Temporary ROW will be required for grading and the reconstruction of private driveways. Approximately 85 trees will be removed. Closure of County Line Road for up to 90-120 days with the institution of a detour may be necessary for construction.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/41.54266971821165N87.2212168273499W>



Counties: Lake, IN | Porter, IN

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949 Species survey guidelines: https://ecos.fws.gov/ipac/guideline/survey/population/1/office/31440.pdf	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: <ul style="list-style-type: none">▪ Incidental take of the NLEB is not prohibited here. Federal agencies may consult using the 4(d) rule streamlined process. Transportation projects may consult using the programmatic process. See www.fws.gov/midwest/endangered/mammals/nleb/index.html Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Elizabet Biggio

From: Turnbow, Alisha <ATurnbow@idem.IN.gov>
Sent: Thursday, April 23, 2020 7:16 PM
To: Elizabet Biggio
Subject: RE: Source Water Areas

Hi Elizabeth,

The FHWA project located on County Line Road in Lake and Porter Counties between US 6 and Cleveland Avenue is inside Indiana American Water – Northwest Source Water Area. The contact for Indiana American Water – Northwest is Christina Gosnell and she can be reached at christina.gosnell@amwater.com and 317-885-2408.

Since 9/11 we don't identify specific public water supplies online, instead we have individuals submit requests directly to us for contact information. I am the one that responds to source water proximity requests so if you have questions relating to these in the future you can send them to me. Let me know what questions you have.

Sincerely,

Coping with COVID-19:

- **Indiana State Dept. of Health (ISDH) COVID-19 Call Center:** Call 877-826-0011 (open 24/7)
- **Anthem NurseLine:** Call 800-337-4770 or visit the Anthem NurseLine online for a FREE symptom screening. Available to anyone with an Anthem health plan (this includes State of IN employees)
- **Anthem Employee Assistance Program (EAP):** Available to ALL state employees and adults in household regardless of health plan participation. Call 800-223-7723 or visit anthemeap.com (enter State of Indiana) for crisis counseling, help finding child/elder care, legal/financial consultation and much more.



Alisha Turnbow
Environmental Manager
Office of Water Quality
Drinking Water Branch, Groundwater Section
(317) 233-9158 • aturnbow@idem.IN.gov

Indiana Department of Environmental Management



IDEM values your feedback.

Please take two minutes and complete this brief survey.



APPENDIX D: SECTION 106 DOCUMENTATION

**FEDERAL HIGHWAY ADMINISTRATION'S
SECTION 4(F) COMPLIANCE REQUIREMENTS (for historic properties) AND
SECTION 106 FINDINGS AND DETERMINATIONS
AREA OF POTENTIAL EFFECT
ELIGIBILITY DETERMINATIONS
EFFECT FINDING
COUNTY LINE ROAD PROJECT,
CITY OF HOBART, LAKE COUNTY, INDIANA
DES. NO.: 1382598**

**AREA OF POTENTIAL EFFECTS
(Pursuant to 36 CFR Section 800.4(a)(1))**

The project is located on County Line Road between US 6 and Cleveland Avenue/W. County Road 700 North in the City of Hobart, Lake County, and Portage Township, Porter County, Indiana. The Area of Potential Effects (APE) is roughly a long rectangle with extensions for areas with larger viewshed (Appendix B, B4). Approximately 8.18 acres of permanent right-of-way (ROW) and 1.43 acres of temporary ROW acquisition is anticipated.

**ELIGIBILITY DETERMINATIONS
(Pursuant to 36 CFR 800.4(c)(2))**

The following property is eligible for listing in the National Register of Historic Places (NRHP):

Kraft Farm/Indiana Historic Sites and Structures Inventory (IHSSI) #127-520-10031:
Northeast corner of County Line Rd. and County Road (CR) 700 N.; 1901 Queen Anne
farmhouse and farmstead, eligible under Criterion C for significance in Architecture.

EFFECT FINDING

Kraft Farm/IHSSI #127-520-10031 (Northeast corner of County Line Rd. and CR 700 N.): "No Adverse Effect"

The Indiana Department of Transportation (INDOT), acting on the Federal Highway Administration's (FHWA's) behalf, has determined a "No Adverse Effect" finding is appropriate for this undertaking. INDOT respectfully requests the Indiana State Historic Preservation Officer provide written concurrence with the Section 106 determination of effect.

SECTION 4(F) COMPLIANCE REQUIREMENTS (for historic properties)

Kraft Farm IHSSI #127-520-10031 (Northeast corner of County Line Rd. and CR 700 N.)- This undertaking will not convert property from the Kraft Farm (IHSSI #127-520-10031), a Section 4(f) historic property, to a transportation use. INDOT, acting on FHWA's behalf, has determined the appropriate Section 106 finding is "No Adverse Effect"; therefore no Section 4(f) evaluation is required for the Kraft Farm/IHSSI #127-520-10031.

Anuradha Kumar V.

Anuradha V. Kumar, for FHWA
Manager
INDOT Cultural Resources

02/18/2020

Approved Date

**FEDERAL HIGHWAY ADMINISTRATION
DOCUMENTATION OF SECTION 106 FINDING OF
NO ADVERSE EFFECT
SUBMITTED TO THE STATE HISTORIC PRESERVATION OFFICER
PURSUANT TO 36 CFR Section 800.5(c)
COUNTY LINE ROAD PROJECT
CITY OF HOBART, LAKE COUNTY, INDIANA
DES. NO.: 1382598**

1. DESCRIPTION OF THE UNDERTAKING

The City of Hobart (Lake County), with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with improvements to County Line Road between US 6 and Cleveland Avenue (County Road (CR) 700 North; Des No. 1382598). Section 106 of the National Historic Preservation Act requires Federal agencies to take into account the effects of their undertakings on historic properties. The federal involvement in the project is funding received from the FHWA.

The proposed undertaking is on County Line Road between US 6 (Ridge Road) and approximately 0.13 mile south of Cleveland Avenue (CR 700 North). The project is located in Sections 27, 28, 33, and 34, Township 36 North, Range 7 West on the USGS Portage, Indiana Quadrangle (Appendix B, B2). The project area runs along the border between the City of Hobart, Hobart Township, Lake County and Portage Township, Porter County (Appendix B, B3). The total project length is approximately 1.21 miles, consisting of approximately 1.03 miles of road work and an additional 0.19 mile of storm water drainage pipe work.

The need for the project arises from poor pavement and drainage conditions along County Line Road between US 6 and Cleveland Avenue (CR 700 North). The existing pavement had an average Pavement Surface Evaluation and Rating (PASER) of 2 (out of 10) as of 2013 and is estimated to have a current rating of approximately 4 (out of 10). County Line Road exhibits transverse cracking and rutting, as well as longitudinal cracking showing through a preventative maintenance overlay treatment applied in 2014. According to the 2015 Stormwater Assessment, the current drainage system is hindered by undersized, clogged ditches and corrugated metal pipes which cause standing water and backyard flooding in adjacent residential properties. In addition, according to the City of Hobart's "Corridor Assessment: County Line Road Traffic Assessment" (TA), dated June 19, 2015, the projected traffic count on this segment of County Line Road is approximately 9,885 vehicles per day for 2040. The purpose of the project is to improve the pavement conditions on County Line Road between US 6 and Cleveland Avenue (CR 700 North) to a PASER rating of at least 8 (out of 10) and to increase stormwater drainage in order to eliminate flooding and standing water along the corridor. Other desirable outcomes include preparing County Line Road for future traffic projections.

The proposed project consists of pavement reconstruction and widening, sidewalk replacement and extension, and drainage improvements. The typical section between US 6 and Coral Drive will consist of an 11-foot travel lane in each direction with a 14-foot two-way-left turn lane (TWLTL) to help manage the volume of traffic (Appendix B, B15). The typical section between Coral Drive and Cleveland Avenue (CR 700 North) will consist of an 11-foot travel lane in each direction with an 11-foot northbound turn lane switching to a southbound left turn lane at the intersection of County Line Road and Cleveland Avenue (CR 700 North). A 2-foot, 7-inch concrete curb and gutter will be installed on each side of the road. Street lighting will be installed along the corridor.

There is an existing sidewalk on the west side of County Line Road between Cleveland Avenue and approximately 175 feet north of Coral Drive. This sidewalk will be replaced and extended along the west side of County Line Road to Cleveland Avenue. Replacement sidewalks will be 6 feet wide between Cleveland Avenue and approximately 165 feet south of Coral Drive. The new sidewalk will be 8-10 feet ad will run from approximately 165 feet south of Coral Drive and US 6. The sidewalk and curb ramps will be

Americans with Disabilities Act (ADA)-compliant. Improvements will be made to the Oak Savannah/Prairie Duneland Trail crossing of County Line Road, approximately 0.23 mile south of US 6, including a mid-crossing refuge, new signage and pavement markings, with consideration of a flashing warning light or Rectangular Rapid Flash Beacon (RRFB).

Two existing modern culverts under County Line Road will be replaced. A storm water drainage pipe and outlet will be installed along the north side of Arbor Lane extending approximately 1,000 feet west of County Line Road and 350 feet north of Arbor Lane. A storm sewer system with a 30-36 inch trunkline will be added underneath County Line Road. Inlets and manholes will be installed.

Approximately 8.18 acres of permanent and 1.43 acres of temporary right-of-way (ROW) acquisition is anticipated. Permanent ROW consists largely of mowed grass, with some concrete sidewalk, adjacent to the current roadway. It is possible some anticipated permanent ROW may be converted to a utility easement. Temporary ROW will be required for grading and the reconstruction of private driveways. Closure of County Line Road for up to 90-120 days with the institution of a detour may be necessary for construction.

The Area of Potential Effects (APE) is roughly a long rectangle with extensions for areas of larger viewshed and an extension for the storm sewer installation (Appendix B, B4). Visibility around the alignment is generally limited by development and dense trees, and the APE is therefore generally composed properties adjacent to the project area.

2. EFFORTS TO IDENTIFY HISTORIC PROPERTIES

The National Register of Historic Places (NRHP) and the Indiana Register of Historic Sites and Structures (State Register) were consulted by Butler, Fairman, & Seufert, Inc. (BF&S). No listed properties are located within the APE.

The 1996 *Lake County Interim Report*, 1991 *Porter County Interim Report*, and the Indiana State Historic Architectural and Archaeological Research Database (SHAARD) were checked by BF&S on July 17, 2017. Five previously surveyed resources were located within the APE. An Indiana Division of Historic Preservation and Archaeology (DHPA)-qualified professional with BF&S conducted a site visit on June 1, 2017. Information from the site visit and research regarding historic resources were compiled into a Historic Property Report (HPR; BF&S, August 15, 2017, Appendix C, C1-C3). The HPR recommended one property, Indiana Historic Sites and Structures Inventory (IHSSI) #127-520-10031 (the Kraft Farm), eligible for the NRHP. The HPR was approved by the Indiana Department of Transportation-Cultural Resources Office (INDOT-CRO) on August 29, 2017.

The Indiana State Historic Preservation Officer (SHPO) is considered an automatic consulting party, and a copy of the HPR and an early coordination letter were sent to the SHPO on August 30, 2017. In addition, the following individuals and organizations were sent an early coordination letter via email with instructions on how to access the HPR in INSCOPE (<http://erms.indot.in.gov/Section106Documents/>) on August 30, 2017 (Appendix E, E1-E8):

Indiana Landmarks Northwest Field Office
Lake County Historian
Porter County Historian
Lake County Historical Society and Museum
Porter County Museum
Lake County Parks and Recreation Department
Hobart Historic Preservation Commission
Historic Preservation of Porter County, Inc.
Northwest Indiana Regional Planning Commission
Indiana Lincoln Highway Association, Inc.
Kankakee Valley Historical Society

Northwest Indiana Genealogical Society
Lake County Commissioners
Porter County Board of Commissioners
Eastern Shawnee Tribe of Oklahoma
Miami Tribe of Oklahoma
Peoria Tribe of Indians of Oklahoma
Pokagon Band of Potawatomi Indians
Forest County Potawatomi Community

The Miami Tribe of Oklahoma responded on September 12, 2017, indicating they wished to be a consulting party. The letter stated they had no objections to the proposed project, but noted the project area is within the aboriginal homelands of the Miami Tribe (Appendix E, E9).

The SHPO responded on September 25, 2017 stating in part, “...we agree that the Kraft Farm (or farmstead)... is eligible for inclusion in the National Register of Historic Places under Criterion C and it is the only historic, above-ground property within the APE,” (DHPA #21556; Appendix E, E10-E11).

No other responses to the August 30, 2017 early coordination letter were received. The owner of the NRHP-eligible Kraft Farm was sent a consulting party invitation on April 12, 2018. No response was received from the property owner.

In regard to archaeology, a Phase Ia archaeological reconnaissance conducted by 106 Consulting, LLC on March 19-20, 2018 and an additional reconnaissance on October 20, 2018 covered an extended area. The archaeologist located no archaeological sites within the project area. No further work was recommended in the resulting archaeological short report (ASR; Appendix D, D1-D2). INDOT-CRO approved the ASR on November 9, 2018, and the ASR was sent to consulting parties on September 12, 2019. SHPO concurred with the ASR on October 17, 2019, stating in part, “we have not identified any currently known archaeological resources listed in or eligible for inclusion in the NRHP or the IRHSS within the excess parcel. No further archaeological work is required,” (Appendix E, E12-E13). Tribal consulting parties were mistakenly omitted from this notice and will be notified of the ASR concurrent with this finding.

After the August 30, 2017 early coordination letter, significant revisions were made to the project scope. The APE was expanded to accommodate work on a drainage structure. A letter explaining the new scope, including the adjustment of the southern terminus and the addition of a stormwater drainage pipe, was approved by INDOT-CRO on November 22, 2019 and sent to consulting parties on the same day (Appendix E, E14-E22). The letter did not recommend any additional properties eligible for the NRHP.

The SHPO concurred with the revised APE, and that there were no additional historic resources in the revised APE, on December 26, 2019 (Appendix E, E23-E24).

No other comments were received from consulting parties regarding the identification of historic resources.

3. DESCRIBE AFFECTED HISTORIC PROPERTIES

IHSSI #127-520-10031/Kraft Farm (Northeast corner of County Line Road and CR 700 N.): The Kraft Farm is roughly bounded by the tree line on the west side of the property (parcel boundary) and the edge of the maintained grass area around the farmhouse and outbuildings. The property consists of a 1901 brick Queen Anne house and outbuildings, such as an English-style barn, garage, and chicken house. The house is an excellent example of the style, exhibiting characteristic Queen Anne-features, such as asymmetry, a large gable dormer on the facade, and spindlework porches. Few Queen Anne houses remain extant in Porter County. The property is immediately surrounded by a line of trees on three sides. The Kraft Farm is eligible for the NRHP under Criterion C for significance in architecture.

4. DESCRIBE THE UNDERTAKING'S EFFECTS ON HISTORIC PROPERTIES

IHSSI #127-520-10031/Kraft Farm: The project will widen County Line Road in front of the Kraft Farm, an IHSSI “notable” property, from approximately 22 feet wide to 36 feet wide. A 2-foot, 7-inch concrete curb and gutter with stormwater inlets will be added to the road (Appendix B, B21). Streetlights will be installed on the opposite (west) side of the street. The lights will have a maximum illuminance of approximately 0.1 foot-candle at the Kraft house and 1.0 foot-candle at the property line (Appendix B, B33 and Appendix E, E22). The sidewalk on the west side of County Line Road will also be widened from 3.5 to 6 feet and the existing tree lawn will be eliminated. No permanent or temporary ROW will be acquired from the property.

5. EXPLAIN APPLICATION OF CRITERIA OF ADVERSE EFFECT -- INCLUDE CONDITIONS OR FUTURE ACTIONS TO AVOID, MINIMIZE OR MITIGATE ADVERSE EFFECTS

According to Part 36 CFR § 800.5(a)(1), “An adverse effect is found when an undertaking may alter, directly or indirectly, any of the characteristics of a historic property that qualify the property for inclusion in the National Register in a manner that would diminish the integrity of the property's location, design, setting, materials, workmanship, feeling, or association. Consideration shall be given to all qualifying characteristics of a historic property, including those that may have been identified subsequent to the original evaluation of the property's eligibility for the National Register. Adverse effects may include reasonably foreseeable effects caused by the undertaking that may occur later in time, be farther removed in distance or be cumulative.”

A finding of “*No Adverse Effect*” is appropriate for this project because the County Line Road Reconstruction will not alter any of the characteristics for which **IHSSI #127-520-10031/Kraft Farm** is eligible for the NRHP in a manner which would diminish their integrity.

Part 36 CFR § 800.5(a)(2), examples of adverse effect include but are not limited to:

- (i) Physical destruction of or damage to all or part of a property;
- (ii) Alteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation, and provision of handicapped access not consistent with the Secretary's Standard for the Treatment of Historic Properties (36 CFR part 68) and applicable guidelines;
- (iii) Removal of the property from its historic location;
- (iv) Change of the character of the property's use or physical features within the property's setting that contribute to its historic significance;
- (v) Introduction of visual, atmospheric, or audible elements that diminish the integrity of the property's significant historic features;
- (vi) Neglect of a property which causes its deterioration, except where such neglect and deterioration are recognized qualities of a property of religious and cultural significance to an Indian tribe or Native Hawaiian organization; and
- (vii) Transfer, lease, or sale of a property out of Federal ownership or control without adequate and legally enforceable restrictions or conditions to ensure long-term preservation of the property's historic significance.

Application of the criteria of adverse effect defined in 36 CFR § 800.5(a)(1), finds the proposed project's potential effects are not likely to be described by the examples in 36 CFR § 800.5(a)(2)(ii), (iii), (vi), or (vii). The application of adverse effect, focusing on 36 CFR § 800.5(a)(2)(i), (iv), and (v) follows:

IHSSI #127-520-10031/Kraft Farm: Application of the criteria of adverse effect, as defined per 36 CFR § 800.5(a)(1), finds the proposed project's potential effects upon the Kraft Farm are most similar to those described in 36 CFR § 800.5(a)(2)(i), (iv), and (v).

In regard to 36 CFR § 800.5(a)(2)(i), “Physical destruction of or damage to all or part of a property,” the project will not physically impact the property. No permanent or temporary ROW will be acquired from the property and no trees will be removed from the property.

In regard to 36 CFR § 800.5(a)(2)(iv), “Change of the character of the property’s use or physical features within the property’s setting that contribute to its historic significance,” the project will not alter the use of the property and will not alter physical features within the property’s setting that contribute to its historic significance. County Line Road is already a minor arterial with an average annual daily traffic (AADT) count of 9,169 vehicles per day in 2017. Mid-twentieth century development has previously altered the once agricultural character of the area, particularly with the construction of the residential development to the west and the commercialization of the agricultural operation to the south. This project will not further diminish the remaining agricultural area to the north and east of the property.

In regard to 36 CFR § 800.5(a)(2)(v), “Introduction of visual, atmospheric or audible elements that diminish the integrity of the property’s significant historic features,” the project will include the installation of new streetlights. There is presently ambient light affecting the farm’s setting, emanating from the large mid-twentieth century subdivision on the west side of County Line Road. The Kraft Farm is surrounded by a line of trees, giving the property partial insularity from its surroundings. Therefore, the addition of streetlights will not further reduce the property’s integrity.

The County Line Road Reconstruction will not diminish the historical associations, historically significant features, or architectural integrity for which IHSSI #127-520-10031/Kraft Farm is eligible for the NRHP under Criterion C. Therefore, the project will not introduce negative effects as defined by 36 CFR § 800.5 and will have “No Adverse Effect” on IHSSI #127-520-10031/Kraft Farm.

6. SUMMARY OF CONSULTING PARTIES AND PUBLIC VIEWS

The Section 106 consultation process was initiated on August 30, with the distribution of an early coordination letter via email to the consulting parties listed above, with instructions on how to access the HPR in INSCOPE (<http://erms.indot.in.gov/Section106Documents/>) (Appendix E, E1-E8).

The Miami Tribe of Oklahoma responded on September 12, 2017, indicating they wished to be a consulting party. The letter stated they had no objections to the proposed project, but noted the project area is within the aboriginal homelands of the Miami Tribe (Appendix E, E9).

The SHPO responded on September 25, 2017, stating in part, “...we agree that the Kraft Farm (or farmstead)... is eligible for inclusion in the National Register of Historic Places under Criterion C and it is the only historic, above-ground property within the APE,” (DHPA #21556; Appendix E, E10-E11).

No other responses to the August 30, 2017 early coordination letter were received.

In regard to archaeology, a Phase Ia archaeological reconnaissance conducted by 106 Consulting, LLC on March 19-20, 2018 and an additional reconnaissance on October 20, 2018 covered an extended area. The archaeologist located no archaeological sites within the project area. No further work was recommended in the resulting ASR (Appendix D, D1-D2). INDOT-CRO approved the ASR on November 9, 2018, and the ASR was sent to consulting parties on September 12, 2019. SHPO concurred with the ASR on October 17, 2019, stating in part, “we have not identified any currently known archaeological resources listed in or eligible for inclusion in the NRHP or the IRHSS within the excess parcel. No further archaeological work is required,” (Appendix E, E12-E13). Tribal consulting parties were mistakenly omitted from this notice and will be notified of the ASR concurrent with this finding.

A letter explaining the revised project scope and assessing project effects was sent to consulting parties on November 22, 2019, recommending the project would have “No Adverse Effect” on the Kraft Farm due to the lack of ROW acquisition from the property, a lack of physical effects to the setting, and the current level of development in the area (Appendix E, E14-E22).

The SHPO responded on December 26, 2019, concurring with the “*No Adverse Effect*” determination, stating in part, “*Based on the information provided, we would agree that the Kraft Farm does not appear to be adversely affected by the undertaking,*” (Appendix E, E23-E24). No other responses to the Effects Letter were received.

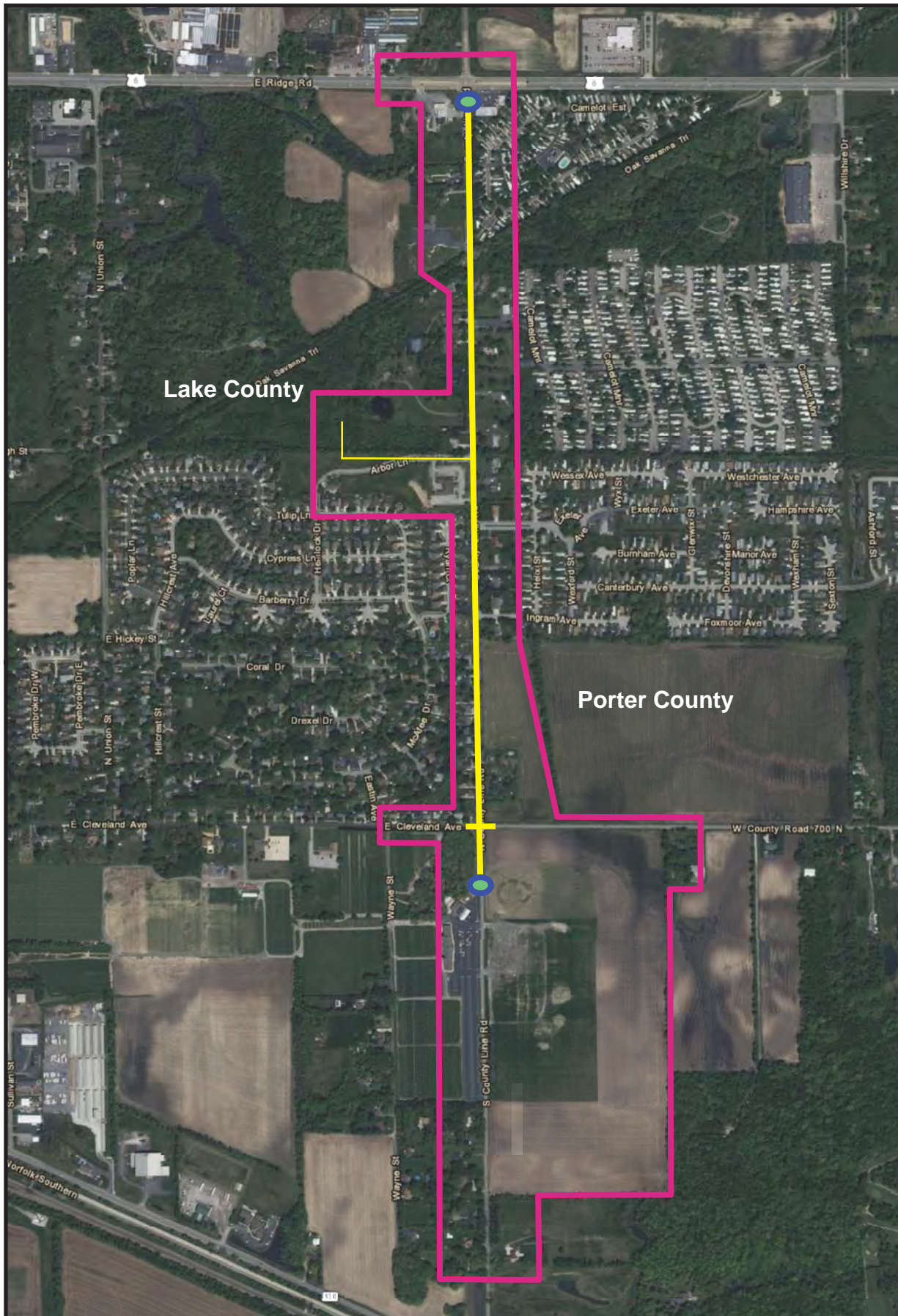
No other comments were received from consulting parties.

A finding of “No Adverse Effect” is appropriate for this project because the project will not alter characteristics for which IHSSI #127-520-10031/Kraft Farm is eligible for the NRHP.

A Section 106 public notice will be published in *The Times of Northwest Indiana* offering the public the opportunity to make comments on INDOT’s “*No Adverse Effect*” finding. A thirty (30) day comment period will be given. The document will be revised, if necessary, after the public notice to reflect any comments received.

APPENDIX

- Appendix A: Invited Section 106 Consulting Parties
- Appendix B: Graphics
- Appendix C: Excerpt from the Historic Property Short Report
- Appendix D: Excerpt from the ASR
- Appendix E: Correspondence



Legend

- Project Alignment
- Project Termini
- APE

Map Source: IndianaMap, ArcGIS Online (ESRI) World Imagery, IDNR - Division of Historic Preservation and Archaeology (SHAARD)




Overall APE Map

County Line Road Reconstruction
Horbart Township, Lake County and
Portage Township, Porter County
Des. No. 1382598



Legend

 Proposed National Register Boundaries



Map Source: Indiana Geological Survey (IGS), IndianaMap, ArcGIS Online (ESRI) World Imagery.



Kraft Farm Map

County Line Road Reconstruction
Horbart Township, Lake County and
Portage Township, Porter County
Des. No. 1382598

HISTORIC PROPERTY REPORT

County Line Road Reconstruction
Hobart Township, Lake County
and
Portage Township , Porter County, Indiana
Des. No.: 1382598



Britta Anderson and Elizabet Biggio
Butler, Fairman & Seufert, Inc.
8450 Westfield Blvd., Suite 300
Indianapolis, IN 46240
Phone: (317) 713-4615
August 15, 2017

Abstract

This Historic Property Report (HPR) documents the identification and evaluation efforts for properties included in the Area of Potential Effects (APE) for a project involving improvements to County Line Road on the border between Lake and Porter Counties, Indiana. Above-ground resources were identified and evaluated according to Section 106, National Historic Preservation Act (NHPA) of 1966, as amended, 36 CFR Part 800 (revised January 2001), the Final Rule on Revision of Current Regulations, dated December 12, 2000, and incorporating amendments effective August 5, 2004. As a result of the NHPA, as amended, federal agencies are required to take into account the impact of federal undertakings upon historic properties in the area of the undertaking. Historic properties include buildings, structures, sites, objects, and/or districts included in or eligible for inclusion in the National Register of Historic Places (NRHP). The project will utilize funds from the Federal Highway Administration (FHWA), which makes it an undertaking subject to the Section 106 process.

Of the 66 properties within the APE, 47 properties will meet the 50-year age criteria at the time of project letting. No properties within the APE are currently listed in the NRHP. One property is recommended eligible for listing in the NRHP:

Kraft Farm (County Line Road and W. 700 N): eligible under Criterion C for architecture

Ream in 1874. The Reams had previously emigrated from Pennsylvania.¹¹ The couple had seven sons and two daughters.¹² Elizabeth died in 1894 and Frederick in 1942 at the age of 90. Several of the Kraft siblings ran the farm through the mid-twentieth century.¹³ The property is now owned by Frederick's great-grandson Conrad.



Photo 5: Looking southeast from County Line Rd. towards the garage associated with the Kraft Farm/IHSSI #127-520-10031

The Kraft farmhouse is an excellent example of residential Queen Anne architecture, exhibiting characteristic features such as asymmetry, the large gable dormer on the facade, and spindlework porches. There are only two other recorded examples of the Queen Anne style extant in Portage Township. There are similarly few

farmsteads remaining intact within the township, making the Kraft Farm a notable property. The Kraft Farm maintains moderate to good material and design integrity. There are few alterations to the house, consisting of the replacement of window glazing, installation of storm windows and doors over the historic openings, and the replacement of porch steps and addition of lattice handrails. The porches and porch details appear to be in good condition. The property largely retains its feeling, and setting, as although a row of ranch houses has been built to the west across County Line Road, the property remains a distinct farmstead with an extant barn and outbuildings. In addition, the area's agricultural character is still evident to the east of the property. Therefore, this property is recommended eligible for listing in the NRHP under Criterion C as an outstanding example of the Queen Anne style, which is rare in Portage Township.

This property is associated with development patterns of late nineteenth-century Porter County, such as German immigration and the dominance of the agricultural industry in the region's growth. Settlement of German immigrants in the midwest was common from the mid to late 1800s. During the same period, agriculture in northwest Indiana grew as prices rose, technological advances in farming were introduced, and markets became more accessible with the arrival of the railroads. This property demonstrates only a loose connection to these trends through its proximity to current and former railroad lines and date of construction in a period of relative prosperity. This property does not reveal any additional aspects of late-nineteenth century life. Since this property lacks sufficient significance, is not recommended eligible under Criterion A. Research conducted for this document was unable to establish a connection between this property and the lives of historically significant persons. Therefore, the property is not recommended NRHP-eligible under Criterion B. This property has not yielded, and is not likely to yield, information important in prehistory or history and is not recommended NRHP-eligible under Criterion D.

The Kraft Farm is recommend eligible for listing in the NRHP under Criterion C.

CONCLUSIONS

The APE encompasses 66 properties, 47 of which will be 50 years or older at the time of project letting. There are no properties within the APE currently listed in the NRHP. One property, the **Kraft Farm/IHSSI #127-520-10031** is recommended eligible for listing in the NRHP.

¹¹ Indiana. Porter County. *1880 United States Census Population Schedule*. July 18, 2017. FamilySearch.org.

¹² Indiana. Porter County. *1900 United States Census Population Schedule*, July 18, 2017. FamilySearch.org.

¹³ John Drury, *This Is Porter County*, (Chicago: Inland Photo Company, 1956), n.p.



INDIANA ARCHAEOLOGICAL SHORT REPORT

State Form 54566 (1-11)

INDIANA DEPARTMENT OF NATURAL RESOURCES DIVISION OF HISTORIC PRESERVATION AND ARCHAEOLOGY

402 West Washington Street, Room W274
Indianapolis, Indiana 46204-2739
Telephone Number: (317) 232-1646
Fax Number: (317) 232-0693
E-mail: dhp@dnr.IN.gov

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

Author: Louis Bubb, MA & Emily Culver, MA

Date (month, day, year): November 6, 2018

Project Title: Archaeological Field Reconnaissance for the Reconstruction of County Line Road from US 6 to Cleveland Avenue in Hobart Township in Lake County, Indiana, and Union Township in Porter County, Indiana (Des. No. 1382598)

PROJECT OVERVIEW

Project Description:

The project would reconstruct and widen County Line Road between US 6 and Coral Drive from two lanes to three lanes and add a roundabout at the intersection of County Line Road and Coral Drive, which is currently a three-way intersection.

A concrete curb and gutter would be installed throughout the project area. A 10-foot sidewalk meeting the Americans with Disabilities Act (ADA) standards and a 5-foot grass buffer would be installed on the west side of County Line Road.

In addition, a storm water drainage pipe would be installed along the north side of Arbor Lane extending approximately 1,000 feet west of County Line Road.

INDOT Designation Number/ Contract Number: 1382598

Project Number:

DHPA Number:

Approved DHPA Plan Number:

Prepared For: Butler, Fairman & Seufert, Inc.

Contact Person: Elizabet Biggio

Address: 8450 Westfield Blvd., Suite 300

City: Indianapolis

State: IN

ZIP Code: 46240-8302

Telephone Number: (317) 713-4615

Email Address: EBiggio@bfsengr.com

Principal Investigator: Louis Bubb, MA

Signature:

Company/Institution: 106 Consulting LLC

Address: 4425 Redmont Avenue

City: Deer Park

State: OH

ZIP Code: 45236

Telephone Number: (513) 620-6770

Email Address: louisbubb@gmail.com

- ☐ Archaeological records check has determined that the project area does not have the potential to contain archaeological resources.
- ☐ Archaeological records check has determined that the project area has the potential to contain archaeological resources.
- ☒ **Phase Ia reconnaissance has located no archaeological resources in the project area.**
- ☐ Phase Ia reconnaissance has identified landforms conducive to buried archaeological deposits.

Actual Area Surveyed hectares: acres:

Comments:

Recommendation

- ☐ The archaeological records check has determined that the project area has the potential to contain archaeological resources and a Phase Ia archaeological reconnaissance is recommended.
- ☐ The archaeological records check has determined that the project area does not have the potential to contain archaeological resources and no further work is recommended before the project is allowed to proceed.
- ☒ **The Phase Ia archaeological reconnaissance has located no archaeological sites within the project area and it is recommended that the project be allowed to proceed as planned.**
- ☐ The Phase Ia archaeological reconnaissance has determined that the project area includes landforms which have the potential to contain buried archaeological deposits. It is recommended that Phase Ic archaeological subsurface reconnaissance be conducted before the project is allowed to proceed.
- ☐ The Phase Ia archaeological reconnaissance has determined that the project area is within 100 feet of a cemetery and a Cemetery Development Plan is required per IC-14-21-1-26.5.

Cemetery Name:

Other Recommendations/Commitments:

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

Attachments

- ☒ Figure showing project location within Indiana.
- ☒ USGS topographic map showing the project area (*1:24,000 scale*).
- ☒ Aerial photograph showing the project area, land use and survey methods.
- ☒ Photographs of the project area.
- ☐ Project plans (*if available*)

Other Attachments:

References Cited:

Comments:

Curation

Curation Facility for Project Documentation:



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N642
Indianapolis, Indiana 46204

PHONE: (317) 234-5168

Eric Holcomb, Governor
Joe McGuinness, Commissioner

August 29, 2017

This letter was sent to the listed parties.

RE: County Line Road Reconstruction, Des No. 1382598

Dear Consulting Party,

The City of Hobart, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes improvements to County Line Road between US 6 and approximately 2,000 feet south of Cleveland Avenue (Des No. 1382598). Butler, Fairman, & Seufert, Inc. is under contract to advance the environmental documentation for the referenced project.

This letter is part of the early coordination phase of the environmental review process requesting comments associated with this project. We are requesting comments in your area of expertise regarding any possible environmental effects associated with this project. Please use the above DES Number and project description in your reply and your comments will be incorporated into the formal environmental study.

The project is located on the border between Lake and Porter Counties, approximately 1.75 miles east of downtown Hobart. The project is in Sections 27, 28, 33, and 34, Township 36 North, Range 7 West on the USGS Portage, Indiana Quadrangle. The project area runs along the border between Hobart Township, Lake County and Portage Township, Porter County.

The purpose of the project is to address traffic capacity along County Line Road in accordance with ongoing plans to improve important travel corridors designated in the City of Hobart's Master Plan (2003). The need for the project derives from the increases in traffic predicted by the 20-year traffic horizon. County Line Road is a minor arterial with an average annual daily traffic count (AADT) of 9,087 vehicles (2016). Cleveland Avenue is a major collector with an AADT of 5,081 vehicles (2016). Hobart designated the intersection of County Line Road and Cleveland Avenue a priority "2" in their 2003 Thoroughfare Plan.

The project would reconstruct and widen County Line Road between US 6 and Coral Drive from two lanes to three lanes. The lanes would consist of an 11-foot travel lane in each direction and a 14-foot two-way left turn lane. The road would taper back to two lanes south of Coral Drive. A concrete curb and gutter would be installed throughout the project area. A 10-foot sidewalk meeting the Americans with Disabilities Act (ADA) standards and a 5-foot grass buffer would be installed on the west side of County Line Road. A single lane roundabout would be constructed at the intersection of County Line Road and Cleveland Avenue/County Road 700 N., to the southeast of the existing intersection. Pending further study, the roundabout may be designed to accommodate a future increase to multiple lanes. Lighting would be installed for the roundabout. Drainage would be routed to the existing storm sewer.

Improvements would be made to the Prairie Duneland Trail crossing of County Line Road, including a mid-crossing refuge, new signage and pavement markings, and a flashing warning light or Rectangular Rapid Flash Beacons (RRFB). Additional work may include reconstruction of the water main, the construction of stub-lines to the sanitary sewer system, and reconstructing storm outlets.

The project termini are the south side of the intersection between County Line Road and US 6 and approximately 2,000 feet south of the intersection of County Line Road and Cleveland Avenue/County Road 700 N. The total project length would be approximately 1.8 mile. Approximately 12.5 acres of permanent right-of-way (ROW) and 0.5 acre of temporary ROW acquisition is anticipated to accommodate the widened road. Land use in the project area is mixed residential, commercial, and agricultural.

Section 106 of the National Historic Preservation Act requires Federal agencies to take into account the effects of their undertakings on historic and archaeological properties. In accordance with 36 CFR 800.2 (c), you are hereby invited to be a consulting party and participate in the Section 106 process. Entities that have been invited to participate in the Section 106 consultation process for this project are identified in the attached list. Per 36 CFR 800.3(f), we hereby request that the Indiana State Historic Preservation Officer (SHPO) notify this office if the SHPO staff is aware of any other parties that may be entitled to be consulting parties or should be contacted as potential consulting parties for the project.

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

The Area of Potential Effects (APE) is the area in which the proposed project may cause alterations in the character or use of historic resources. A historian who meets the Secretary of the Interior's Professional Qualification Standards prepared a historic property report, which identified and evaluated above-ground resources within the APE for potential eligibility for the National Register of Historic Places (NRHP). As a result of the historic property identification and evaluation efforts, the Kraft Farm (IHSSI #217-520-10031) is recommended as eligible for listing in the NRHP.

The Historic Property Report is available for review in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/>; (the Des No. is the most efficient search term, once in IN SCOPE). You are invited to review these documents and respond with comments on any historic resource impacts incurred as a result of this project so that an environmental report can be completed. We also welcome your related opinions and other input to be considered in the preparation of the environmental document. If you prefer a hard copy of this material, please respond to this email with your request within seven (7) days.

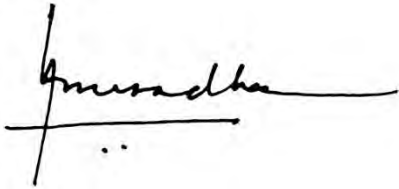
Please review the information and comment within thirty (30) calendar days of receipt. If you indicate that you do not desire to be a consulting party, or if you do not respond, you will not be included on the list of consulting parties for this project. If we do not receive your response in the time allotted, the project will proceed consistent with the proposed design and you will not receive further information about the project unless the design changes.

For questions concerning specific project details, you may contact Elizabet Biggio of Butler, Fairman, & Seufert, Inc. at 317-713-4615 or ebiggio@bfsengr.com. All future responses regarding the proposed project should be forwarded to Butler, Fairman, & Seufert at the following address:

Elizabeth Biggio
Architectural Historian
Butler, Fairman, & Seufert, Inc.
8450 Westfield Boulevard, Suite 300
Indianapolis, IN 46240
ebiggio@bfsengr.com

Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317- 233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Sincerely,



Anuradha V. Kumar, Manager
Cultural Resources Office
Environmental Services

Enclosures:

State Map
Aerial Map
Area of Potential Effects Map

[See Appendix B](#)

Distribution List:

Chad Slider
Assistant Director for Environmental Review
Division of Historic Preservation and Archaeology
Indiana Department of Natural Resources
402 W. Washington St., Room W274
Indianapolis, IN 46204-2739

Jim Basala
Chief Operating Officer
Lake County Parks and Recreation Department
8411 East Lincoln Highway
Crown Point, IN 46307

Brad Miller, Director
Indiana Landmarks
Northwest Field Office
541 South Lake Street
Gary, IN 46403

Rita McBride, President
Hobart Historical Society
P.O. Box 24
Hobart, IN 46342-0024

Bruce L. Woods
Lake County Historian
President, Lake County Historical Society and
Museum
Courthouse Square Suite 205
Crown Point, IN 46307

Tom Ehrhardt, Chair
Hobart Historic Preservation Commission
c/o City of Hobart
414 Main St.
Hobart, IN 46342

Ty Warner, Executive Director
Northwestern Indiana Regional Planning
Commission
6100 Southport Road
Portage, IN 46368-6409

Peoria Tribe of Indians of Oklahoma
Pokagon Band of Potawatomi Indians
Forest County Potawatomi Community

Porter County Historian
Kevin Matthew Pazour
153 S. Franklin Street
Valparaiso, IN 46383

Historic Preservation of Porter County, Inc.
Jeff Jacobs, President
236 Haas Street
Valparaiso, IN 46383

Porter County Museum
Kevin M. Pazour, Executive Director
153 Franklin St.
Valparaiso, IN 46383-5631

Indiana Lincoln Highway Association, Inc.
Jeff Blair, President
402 W. Washington Street
South Bend, IN 46601

Kankakee Valley Historical Society
John Hodson, President
22 West 1050 S.
Kouts, IN 46347

Northwest Indiana Genealogical Society
Sally Phillips, President
PO Box 595
Griffith, IN 46319

Lake County Commissioners
Building 'A', 3rd Floor
2293 N. Main Street
Crown Point, IN 46307

Porter County Board of Commissioners
155 Indiana Ave.
Suite 205
Valparaiso, IN 46383

Eastern Shawnee Tribe of Oklahoma

Miami Tribe of Oklahoma

Elizabeth Biggio

From: Ross, Anthony <ARoss3@indot.IN.gov>
Sent: Tuesday, August 29, 2017 2:28 PM
To: Elizabeth Biggio
Cc: Kennedy, Mary; Kumar, Anuradha; pgralik@cityofhobart.org
Subject: RE: Des 1382598 - County Line Rd - Historic Property Report

Elizabeth,

Thank you for submittal of the revised documents. We have reviewed them and have no additional comments. You may now upload them to IN-SCOPE. Once they are released, you can email the ECL to consulting parties (except tribes) and send a hard copy to SHPO. Once you do that, I'll send the ECL to tribes.

Let me know if you have any questions.

Best,
Anthony

Anthony Ross, Ph.D.

Historian

Cultural Resources Office

Environmental Services

100 N. Senate Ave., Room N642

Indianapolis, IN 46204

Office: (317) 234-0142

Email: aross3@indot.in.gov



From: Elizabeth Biggio [mailto:EBiggio@bfsengr.com]
Sent: Tuesday, August 15, 2017 3:47 PM
To: Ross, Anthony <ARoss3@indot.IN.gov>
Cc: Kennedy, Mary <MKENNEDY@indot.IN.gov>; Kumar, Anuradha <akumar@indot.IN.gov>
Subject: RE: Des 1382598 - County Line Rd - Historic Property Report

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

Anthony,

Please find the link below to the revised documents:

<https://bfsengr.sharefile.com/d-s29f4e5509a04ce79>

In regard to the barn, the most recent field visit was conducted by a colleague of mine who has subsequently resigned. The rear wing is not visible from the photos, and I would conclude it still damaged. I was there around 2.5 years ago and

Elizabeth Biggio

From: Elizabeth Biggio
Sent: Wednesday, August 30, 2017 8:22 AM
To: 'Brad Miller'; 'bwoods_mhs@yahoo.com'; 'kevin@pocomuse.com'; 'info@pocomuse.org'; 'cityplanner@cityofhobart.org'; 'nirpc@nirpc.org'; '256haas@designorg.com'; 'lincolnhighwayassoc.office@yahoo.com'; 'jophod@jorsm.com'; 'president@nwigs.org'
Cc: Ross, Anthony; 'Kennedy, Mary'; Anuradha Kumar; Miller, Shaun (INDOT)
Subject: FHWA Project: Des. No. 1382598; County Line Road; Lake and Porter Counties
Attachments: CountyLineRd_Des1382598_ECL_2017-08-29.pdf

Categories: Filed by Newforma

Des. No.: 1382598

Project Description: County Line Road Project

Location: Hobart Township, Lake County, and Portage Township, Porter County

The City of Hobart, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with improvements to County Line Road between US 6 and Cleveland Avenue/County Road 700 N. (Des No. 1382598).

Section 106 of the National Historic Preservation Act requires Federal agencies to take into account the effects of their undertakings on historic properties. The following agencies/individuals are being invited to become consulting parties:

Indiana State Historic Preservation Officer
Indiana Landmarks Northwest Field Office
Lake County Historian
Porter County Historian
Lake County Historical Society and Museum
Porter County Museum
Lake County Parks and Recreation Department
Hobart Historic Preservation Commission
Historic Preservation of Porter County, Inc.
Northwest Indiana Regional Planning Commission
Indiana Lincoln Highway Association, Inc.
Kankakee Valley Historical Society
Northwest Indiana Genealogical Society
Lake County Commissioners
Porter County Board of Commissioners
Eastern Shawnee Tribe of Oklahoma
Miami Tribe of Oklahoma
Peoria Tribe of Indians of Oklahoma
Pokagon Band of Potawatomi Indians
Forest County Potawatomi Community

This letter is part of the early coordination phase of the environmental review process requesting comments associated with this project. We are requesting comments from your area of expertise regarding any possible environmental effects associated with this project. Please use the above DES Number and project description in your reply and your comments will be incorporated into the formal environmental study.

Please review the Historic Property Report (HPR) located in IN-SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des No. is the most efficient search term, once in IN-SCOPE), and respond with your comments on any historic resource impacts incurred as a result of this project so that an environmental report can be completed. We also welcome your related opinions and other input to be considered in the preparation of the environmental document. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) days from receipt of this information to review and provide comment. If we do not receive a response from an invited consulting party in the time allotted, the project will proceed consistent with the proposed design. **Therefore, if we do not receive a response within thirty (30) days, your agency or organization will not receive any further information on the project unless the scope of work changes.**

Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317- 233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,

Elizabet Biggio
Architectural Historian I

Butler, Fairman & Seufert, Inc.
8450 Westfield Blvd., Suite 300 | Indianapolis, IN 46240-8302
p (317) 713-4615 | f (317) 713-4616
EBiggio@bfsengr.com | www.BFSEngr.com

CONFIDENTIALITY NOTICE: This Email and any attachments are confidential and may be protected by legal privilege. If you are not the intended recipient, be aware that any disclosure, copying, distribution, or use of this Email or any attachment is prohibited. If you have received this Email in error, please notify us immediately by returning it to the sender and delete this copy from your system. Thank you. Butler, Fairman & Seufert, Inc.

Elizabeth Biggio

From: Ross, Anthony <ARoss3@indot.IN.gov>
Sent: Wednesday, August 30, 2017 8:30 AM
To: dhunter@miamination.com; kglass@estoo.net; lpappenfort@peoriatribes.com;
Jason.wesaw@pokagonband-nsn.gov; Michael LaRonge
Cc: Elizabeth Biggio; Kumar, Anuradha; Kennedy, Mary; Miller, Shaun (INDOT);
michelle.allen@dot.gov; pgralik@cityofhobart.org
Subject: FHWA Project: Des. No. 1382598; County Line Road; Lake and Porter Counties, Indiana
Attachments: CountyLineRd_Des1382598_ECL_2017-08-29.pdf

Des. No.: 1382598

Project Description: County Line Road Project

Location: Hobart Township, Lake County, and Portage Township, Porter County

The City of Hobart, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with improvements to County Line Road between US 6 and Cleveland Avenue/County Road 700 N. (Des No. 1382598).

Section 106 of the National Historic Preservation Act requires Federal agencies to take into account the effects of their undertakings on historic properties. The following agencies/individuals are being invited to become consulting parties:

Indiana State Historic Preservation Officer
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Lake County Historian
Porter County Historian
Lake County Historical Society and Museum
Porter County Museum
Lake County Parks and Recreation Department
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Northwest Indiana Regional Planning Commission
Indiana Lincoln Highway Association, Inc.
Kankakee Valley Historical Society
Northwest Indiana Genealogical Society
Lake County Commissioners
Porter County Board of Commissioners
Eastern Shawnee Tribe of Oklahoma
Miami Tribe of Oklahoma
Peoria Tribe of Indians of Oklahoma
Pokagon Band of Potawatomi Indians
Forest County Potawatomi Community

This letter is part of the early coordination phase of the environmental review process requesting comments associated with this project. We are requesting comments from your area of expertise regarding any possible environmental effects associated with this project. Please use the above DES Number and project description in your reply and your comments will be incorporated into the formal environmental study.

Please review the Historic Property Report (HPR) located in IN-SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des No. is the most efficient search term, once in IN-SCOPE), and

respond with your comments on any historic resource impacts incurred as a result of this project so that an environmental report can be completed. We also welcome your related opinions and other input to be considered in the preparation of the environmental document. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) days from receipt of this information to review and provide comment. If we do not receive a response from an invited consulting party in the time allotted, the project will proceed consistent with the proposed design. **Therefore, if we do not receive a response within thirty (30) days, your agency or organization will not receive any further information on the project unless the scope of work changes.**

Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317- 233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,

Anthony Ross, Ph.D.

Historian

Cultural Resources Office

Environmental Services

100 N. Senate Ave., Room N642

Indianapolis, IN 46204

Office: (317) 234-0142

Email: aross3@indot.in.gov





Miami Tribe of Oklahoma

3410 P St. NW, Miami, OK 74354 • P.O. Box 1326, Miami, OK 74355

Ph: (918) 541-1300 • Fax: (918) 542-7260

www.miamination.com



September 12, 2017

Shaun Miller
Archaeological Team Lead
Cultural Resources Office
Indiana DOT
575 North Pennsylvania Street
Indianapolis, IN 46204

Re: Des. No. 1382598; County Line Road; Lake and Porter Counties, Indiana – Comments of the Miami Tribe of Oklahoma

Dear Mr. Miller:

Aya, kikwehsitoole – I show you respect. My name is Diane Hunter, and I am the Tribal Historic Preservation Officer for the Federally Recognized Miami Tribe of Oklahoma. In this capacity, I am the Miami Tribe's point of contact for all Section 106 issues.

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

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

Respectfully,

Diane Hunter
Tribal Historic Preservation Officer
Miami Tribe of Oklahoma



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



September 25, 2017

Elizabeth Biggio
Butler, Fairman & Seufert, Inc.
8450 Westfield Boulevard, Suite 300
Indianapolis, Indiana 46240

Federal Agency: Indiana Department of Transportation ("INDOT"),
on behalf of Federal Highway Administration

Re: Early coordination letter and historic property report (Anderson and Biggio, 8/15/2017) for the City of Hobart's County Line Road Reconstruction between US 6 and approximately 2,000 feet south of East Cleveland Avenue/West County Road 700 North, in Hobart Township in Lake County, Indiana, and Portage Township in Porter County, Indiana (Des. # 1382598; DHPA # 21556)

Dear Ms. Biggio:

Pursuant to Section 106 of the National Historic Preservation Act 1966, as amended (54 U.S.C. § 306108), 36 C.F.R. Part 800, and the "Programmatic Agreement (PA) Among the Federal Highway Administration, the Indiana Department of Transportation, the Advisory Council on Historic Preservation and the Indiana State Historic Preservation Officer Regarding the Implementation of the Federal Aid Highway Program In the State of Indiana," the staff of the Indiana State Historic Preservation Officer has conducted an analysis of INDOT's early coordination letter dated August 25, 2017, and your review request submittal form with the report enclosed, dated August 29, 2017, and received on September 1, 2017, for the above-indicated project in Lake and Porter Counties, Indiana.

We are not aware of any parties who should be invited to participate in this Section 106 consultation, beyond those whom you already have invited.

The area of potential effects ("APE") proposed in the historic property report ("HPR"; Anderson and Biggio, 8/15/2017) appears to be of sufficient size to encompass the geographic area in which direct and indirect effects could occur.

Relying on the information in the HPR, we agree that the Kraft Farm (or farmstead), along the east side of County Line Road and north of West County Road 700 North in Porter County, is eligible for inclusion in the National Register of Historic Places under Criterion C and is the only historic, above-ground property within the APE.

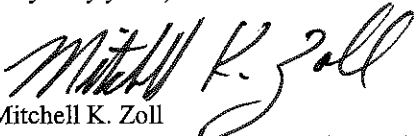
Please provide information about whether, and to what extent, right-of-way would need to be acquired from within the historic property boundary of the Kraft Farm.

We will comment on the archaeology report when it is received.

The archaeological reviewer on the Indiana SHPO staff for this project is Mitch Zoll, and the structures reviewer is John Carr. If you have questions about our comments, the status of our review, or what to submit, please contact the staff person in the INDOT Cultural Resources Office who is assigned to this project.

In all future correspondence regarding the City of Hobart's County Line Road Reconstruction, please refer to DHPA #21556.

Very truly yours,


Mitchell K. Zoll
Deputy State Historic Preservation Officer

MKZ:JLC:jlc

emc: Joyce Newland, FHWA, Indiana Division
Anuradha Kumar, INDOT
Mary Kennedy, INDOT
Shaun Miller, INDOT
Shirley Clark, INDOT
Elizabeth Biggio, BFS
John Carr, DHPA
Mitch Zoll, DHPA

Elizabet Biggio

From: Miller, Shaun (INDOT) <smiller@indot.IN.gov>
Sent: Friday, November 09, 2018 1:44 PM
To: Elizabet Biggio; Ross, Anthony
Cc: louis bubb
Subject: RE: Des 1382598 - County Line Rd - Additional Information and Archaeology

Hi Elizabet,

Thank you for submitting the revised archaeological report, which has been reviewed by INDOT Cultural Resources personnel who meet the Secretary of the Interior's Professional Qualification Standards as per 36 CFR Part 61. It is our opinion that the report is acceptable, and we concur with recommendations made by Bubb and Culver (November 6, 2018). Once the Additional Information Packet is ready, please submit it and one hard copy of the report to SHPO for review and also post a copy of the report to IN SCOPE for tribal review. In addition, we ask that a copy of the DHPA review request be sent to INDOT CRO care of Shaun Miller at smiller@indot.in.gov during the time of submission. If there are any questions or concerns regarding this matter, please don't hesitate to ask.

Anthony,

I looked at the Additional Information Packet and made one minor edit. Once you approve, it and the ASR can be sent to SHPO for concurrent review.

[CountyLineRd_Des1382598_AdditionalInformationPacket_2018-11-02_INDOTcomments.pdf](#)

Thank you,

Shaun Miller
Archaeological Team Lead
INDOT, Cultural Resources Office
smiller@indot.in.gov
(317) 233-6795



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



October 17, 2019

Elizabeth Biggio
Butler, Fairman & Seufert, Inc.
8450 Westfield Boulevard, Suite 300
Indianapolis, Indiana 46240

Federal Agency: Indiana Department of Transportation ("INDOT"),
On behalf of Federal Highway Administration

Re: Archaeological short report (Bubb 11/6/2018) for the City of Hobart's County Line Road
Reconstruction between US 6 and approximately 2,000 feet south of East Cleveland
Avenue/West County Road 700 North, in Hobart Township in Lake County, Indiana, and
Portage Township in Porter County, Indiana (Des. # 1382598; DHPA # 21556)

Dear Ms. Biggio:

Pursuant to Section 106 of the National Historic Preservation Act 1966, as amended (54 U.S.C. § 306108), 36 C.F.R. Part 800, and the "Programmatic Agreement (PA) Among the Federal Highway Administration, the Indiana Department of Transportation, the Advisory Council on Historic Preservation and the Indiana State Historic Preservation Officer Regarding the Implementation of the Federal Aid Highway Program In the State of Indiana," the staff of the Indiana State Historic Preservation Officer has conducted an analysis of your review request submittal form with the report enclosed, dated September 12, 2019, and received on September 17, 2019, for the above-indicated project in Lake and Porter Counties, Indiana.

Based on the information submitted and the documentation available to the INDNR-DHPA, we have not identified any currently known archaeological resources listed in or eligible for inclusion in the NRHP or the IRHSS within the excess parcel. No further archaeological work is required.

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

In terms of above ground resources, in our September 25, 2017 correspondence we agreed that the Kraft Farm (or farmstead), along the east side of County Line Road and north of West County Road 700 North in Porter County, is eligible for inclusion in the National Register of Historic Places under Criterion C and is the only historic, above-ground property within the APE. At that time we had asked for information about whether, and to what extent, right-of-way would need to be acquired from within the historic property boundary of the Kraft Farm. We do not have a record that we received this information and ask that the information be provided.

The archaeological reviewer on the Indiana SHPO staff for this project is Beth McCord, and the structures reviewer is John Carr. If you have questions about our comments, the status of our review, or what to submit, please contact the staff person in the INDOT Cultural Resources Office who is assigned to this project.

In all future correspondence regarding the City of Hobart's County Line Road Reconstruction, please refer to DHPA No. 21556.

Very truly yours,



Beth K. McCord
Director
Division of Historic Preservation and Archaeology

BKM:JLC:jlc

emc: Joyce Newland, FHWA, Indiana Division
Anuradha Kumar, INDOT
Shaun Miller, INDOT
Mary Kennedy, INDOT
Susan Branigin, INDOT
Elizabeth Biggio, BFS
Beth K. McCord, INDNR-DHPA
John Carr, INDNR-DHPA



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N642
Indianapolis, Indiana 46204

PHONE: (317) 234-5168

Eric Holcomb, Governor
Joe McGuinness, Commissioner

November 22, 2019

This letter was sent to the listed parties.

RE: County Line Road Reconstruction, Des No. 1382598/DHPA #21556

Dear Consulting Party,

The City of Hobart (Lake County), with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with improvements to County Line Road between US 6 and Cleveland Avenue (County Road 700 North; Des No. 1382598). This letter is part of the early coordination phase of the environmental review process requesting comments associated with this project. Please use the above Des. Number and project description in your reply and your comments will be incorporated into the formal environmental study. The Section 106 Early Coordination Letter for this project was originally distributed on August 30, 2017.

Section 106 of the National Historic Preservation Act requires federal agencies to take into account the effects of their undertakings on historic and archaeological properties. The Miami Tribe of Oklahoma accepted consulting party status on September 12, 2017 and the State Historic Preservation Officer (SHPO) accepted consulting party status on September 25, 2017.

Please note significant changes have been made to the project scope. The project area has been somewhat reduced on the south end, but an extension of the original Area of Potential Effect (APE) is necessary for a storm water drainage pipe along the north side of Arbor Lane extending approximately 1,000 feet west of County Line Road and 350 feet north of Arbor Lane (see attached map and photos). The expansion of the APE added additional resources which are part of the c. 1995-2003 subdivision to the south of Arbor Lane. This property (Property 24) was included as non-contributing in the Historic Property Report.

The need for the project comes from poor pavement and drainage conditions along County Line Road between US 6 and Cleveland Avenue (County Road 700 North). The existing pavement had an average Pavement Surface Evaluation and Rating (PASER) of 2 (out of 10) as of 2013, and is estimated to have a current rating of approximately 4 (out of 10). County Line Road exhibits transverse cracking and rutting, as well as longitudinal cracking showing through a preventative maintenance overlay treatment applied in 2014. According to the 2015 Stormwater Assessment, the current drainage system is hindered by undersized and clogged ditches and corrugated metal pipes which cause standing water and backyard flooding in adjacent residential properties. In addition, the City of Hobart's *Corridor Assessment: County Line Road Traffic Assessment (TA)* dated June 19, 2015, projected traffic counts on this segment of County Line Road to be approximately 9,885 vehicles per day for 2040. The purpose of the project is to improve the pavement conditions on County Line Road between US 6 and Cleveland Avenue (CR 700 North) to a PASER rating of at least 8 (out of 10) and to increase stormwater

drainage in order to eliminate flooding and standing water. Other desirable outcomes include preparing County Line Road for future traffic projections.

The proposed undertaking is on County Line Road between US 6 (Ridge Road) and approximately 0.13 mile south of Cleveland Avenue (County Road W. 700 North). The project is located in Sections 27, 28, 33, and 34, Township 36 North, Range 7 West on the USGS Portage, Indiana Quadrangle. The project area runs along the border between the City of Hobart, Hobart Township, Lake County and Portage Township, Porter County.

The proposed project consists of pavement reconstruction and widening, as well as drainage improvements. County Line Road from Cleveland Avenue to US 6 would consist of an 11 foot travel lane in each direction with a 14 foot two-way-left turn lane to help manage the volume of traffic. A 2-foot, 7-inch concrete curb and gutter would be installed. Street lighting would be added along the corridor.

There is an existing sidewalk on the west side of County Line Road between Cleveland Avenue and approximately 175 feet north of Coral Drive. The sidewalk would be replaced and extended along the west side of County Line Road through the project area. The new concrete sidewalk would be 6 feet wide between Cleveland Avenue and approximately 165 feet south of Coral Drive and 8-10 feet wide between approximately 165 feet south of Coral Drive and US 6. The sidewalk and curb ramps would be Americans with Disabilities Act (ADA)-compliant. Improvements would be made to the Oak Savannah/Prairie Duneland Trail crossing of County Line Road, approximately 0.23 mile south of US 6, including a mid-crossing refuge, new signage and pavement markings, with consideration of a flashing warning light or Rectangular Rapid Flash Beacon (RRFB).

Two existing modern culverts under County Line Road would be replaced. A storm water drainage pipe and outlet would be installed along the north side of Arbor Lane extending approximately 1,000 feet west of County Line Road and 350 feet north of Arbor Lane. A storm sewer system with a 30-36 inch trunkline would be added underneath County Line Road and inlets and manholes would be installed.

The total project length is approximately 1.227 mile, consisting of approximately 1.08 mile of road work and 0.19 mile of storm water drainage pipe work. Approximately 8.18 acres of permanent and 1.43 acres of temporary right-of-way (ROW) acquisition is anticipated. No permanent or temporary ROW would be acquired from the Kraft Farm (IHSSI #127-520-10031). Permanent ROW would consist largely of mowed grass, with some concrete sidewalk, adjacent to the current roadway. It is possible some anticipated permanent ROW may be converted to a utility easement. Temporary ROW would be required for grading and the reconstruction of private driveways. Closure of County Line Road for up to 90-120 days with the institution of a detour may be necessary for construction.

In regard to archaeology, field investigations were conducted by Section 106 Consulting, LLC on March 19-20, 2018 and October 20, 2018. The resulting Archaeological Short Report stated no archaeological resources were found in the project area and recommended the project be allowed to continue as planned. No further work is recommended. The SHPO concurred with the opinion of the archaeologist on October 17, 2019.

The Historic Property Report (HPR) found the APE contains NRHP-eligible property, the **Kraft Farm (IHSSI #127-520-10031)**. The Kraft Farm is eligible under Criterion C for Architecture. The SHPO concurred with the results of the HPR on September 25, 2017. The Miami Tribe of Oklahoma responded on September 12, 2017 and offered no objection to the project. The owner of the NRHP-eligible Kraft Farm was sent a consulting party invitation on April 12, 2018. No response was received from the property owner.

According to 36 CFR § 800.5(a)(1), an adverse effect is found in the Section 106 process “when an undertaking may alter, directly or indirectly, any of the characteristics of a historic property that qualify the property for

inclusion in the National Register in a manner that would diminish the integrity of the property's location, design, setting, materials, workmanship, feeling, or association. Adverse effects may include reasonably foreseeable effects caused by the undertaking that may occur later in time, be farther removed in distance or be cumulative.” Per 36 CFR § 800.5(a)(2), examples of adverse effect include but are not limited to:

- (i) Physical destruction of or damage to all or part of a property;
- (ii) Alteration of a property, including restoration, rehabilitation, repair, maintenance, stabilization, hazardous material remediation, and provision of handicapped access not consistent with the Secretary’s Standards for the Treatment of Historic Properties (36 CFR part 68) and applicable guidelines;
- (iii) Removal of the property from its historic location;
- (iv) Change of the character of the property’s use or physical features within the property’s setting that contribute to its historic significance;
- (v) Introduction of visual, atmospheric, or audible elements that diminish the integrity of the property’s significant historic features;
- (vi) Neglect of a property which causes its deterioration, except where such neglect and deterioration are recognized qualities of a property of religious and cultural significance to an Indian tribe or Native Hawaiian organization; and
- (vii) Transfer, lease, or sale of a property out of Federal ownership or control without adequate and legally enforceable restrictions or conditions to ensure long-term preservation of the property’s historic significance.

The project would widen County Line Road from approximately 22 feet wide to 36 feet wide, as well as add a concrete curb and gutter with stormwater inlets in front of the Kraft Farm. Street lights would be installed on the opposite (west) side of the street. The lights would have a maximum illuminance of approximately 0.1 foot-candle at the Kraft house and 1.0 foot-candle at the property line (see attachment). The sidewalk on the west side of the street would also be widened from 3.5 to 6 feet and the tree lawn eliminated.

No physical changes to the Kraft Farm would be made. No trees would be removed. No permanent or temporary ROW would be acquired. Mid-twentieth century development has previously altered the once agricultural character of the area, particularly with the residential development to the west and the commercialization of the agricultural operation to the south. There is also presently ambient light affecting the farm’s setting, emanating from the large mid-twentieth century subdivision on the west side of County Line Road. The Kraft Farm is surrounded by a line of trees, giving the property partial insularity from its surroundings. The property is eligible for the NRHP under criterion C for architecture, and none of the project activities would interfere with the house’s ability to convey its architectural significance. Given the scope of work and the site design of the property, this project would have no adverse effect on the Kraft Farm (IHSSI #127-520-10031).

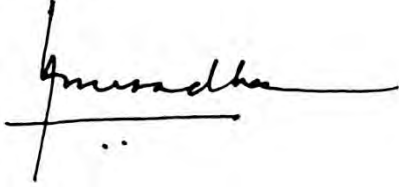
Please review the documentation located in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE), and respond with any comments that you may have. If a hard copy of the materials is needed, please respond with your request within seven (7) days. Please review the information and comment within thirty (30) calendar days of receipt. If we do not receive your response in the time allotted, the project will proceed consistent with the proposed design.

All future responses regarding the proposed project should be forwarded to BF&S at the following address:

Elizabet Biggio
Architectural Historian II
Butler, Fairman, & Seufert, Inc.
8450 Westfield Boulevard, Suite 300
Indianapolis, IN 46240
ebiggio@bfsengr.com

Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Sincerely,



Anuradha V. Kumar, Manager
Cultural Resources Office
Environmental Services

Enclosures (INSCOPE):

APE Map
Additional APE Photos
Lighting plan
Preliminary Project Plans [See Appendix B](#)

Distribution List:

Indiana State Historic Preservation Officer
Miami Tribe of Oklahoma



Looking west at the Arbor Lane Subdivision from County Line Road.



Looking west along Arbor Lane from County Line Road.



Looking west along Arbor Lane from County Line Road.



Looking southwest at the Arbor Lane Subdivision from south of Arbor Lane (Calumet Park Funeral Chapel parking lot).

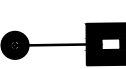

\\bfsmt241\cobs4\5207\Proj\Development\Design\Drawings\Exhibits\Kraft Farm Display - 2019.10.22 Update.dwg Troy D. Willard Plot:10/22/2019 10:51 AM Save:10/22/2019 10:51 AM



Kraft Farm

LEGEND

 = Illuminance Contour (fc)

 = Lighting, Luminaire, 40' EMH
 Approx. National Register Boundary

RECOMMENDED FOR APPROVAL:	DESIGN ENGINEER	DATE
DESIGNED:	###	DRAWN: ###
CHECKED:	#####	CHECKED: ###

INDIANA
DEPARTMENT OF TRANSPORTATION

#####

HORIZONTAL SCALE	BRIDGE FILE
#####	#
VERTICAL SCALE	DESIGNATION
#####	#
SURVEY BOOK	SHEET
##	# OF #####
CONTRACT	PROJECT
#	#

BFS NO. #####

Elizabeth Biggio

From: Elizabeth Biggio
Sent: Friday, November 22, 2019 9:20 AM
To: 'Carr, John'; 'McCord, Beth K'
Cc: Ross, Anthony
Subject: FHWA Project: Des. No. 1382598; County Line Road; Lake and Porter Counties

Categories: Filed by Newforma

Des. No.: 1382598

Project Description: County Line Road Project

Location: Hobart Township, Lake County, and Portage Township, Porter County

The City of Hobart, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with improvements to County Line Road (Des. No. 1382598). The Section 106 Early Coordination Letter for this project was originally distributed on August 30, 2017.

As part of Section 106 of the National Historic Preservation Act, an Effects Letter has been prepared and is ready for review and comment by consulting parties.

Please review this documentation located in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE), and respond with any comments that you may have. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,

Elizabeth Biggio
Architectural Historian II

Butler, Fairman & Seufert, Inc.
8450 Westfield Blvd., Suite 300 | Indianapolis, IN 46240-8302
p (317) 713-4615 | f (317) 713-4616
EBiggio@bfsengr.com | www.BFSEngr.com

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Elizabeth Biggio

From: Ross, Anthony <ARoss3@indot.IN.gov>
Sent: Friday, November 22, 2019 3:29 PM
To: 'dhunter@miamination.com'
Cc: Miller, Shaun (INDOT); Allen, Michelle (FHWA); Elizabeth Biggio; Spiess, Jessica J; Branigin, Susan; Kumar, Anuradha
Subject: FHWA Project: Des. No. 1382598; County Line Road; Lake and Porter Counties

Des. No.: 1382598

Project Description: County Line Road Project

Location: Hobart Township, Lake County, and Portage Township, Porter County

The City of Hobart, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with improvements to County Line Road (Des No. 1382598). The Section 106 Early Coordination Letter for this project was originally distributed on August 30, 2017.

As part of Section 106 of the National Historic Preservation Act, an Effects Letter has been prepared and is ready for review and comment by consulting parties.

Please review this documentation located in IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE), and respond with any comments that you may have. If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,

Anthony Ross, Ph.D.

LPA Program Administrator

Cultural Resources Office

Environmental Services

100 N. Senate Ave., Room N642-ES

Indianapolis, IN 46204

Office: (317) 234-0142

Email: aross3@indot.in.gov



**** Historic Property Report (HPR) guidelines can be found [here](#)**



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



December 26, 2019

Elizabeth Biggio
Butler, Fairman & Seufert, Inc.
8450 Westfield Boulevard, Suite 300
Indianapolis, Indiana 46240

Federal Agency: Indiana Department of Transportation ("INDOT"),
On behalf of Federal Highway Administration

Re: Additional project information for the City of Hobart's County Line Road Reconstruction between US 6 and approximately 2,000 feet south of East Cleveland Avenue/West County Road 700 North, in Hobart Township in Lake County, Indiana, and Portage Township in Porter County, Indiana (Des. # 1382598; DHPA # 21556)

Dear Ms. Biggio:

Pursuant to Section 106 of the National Historic Preservation Act 1966, as amended (54 U.S.C. § 306108), 36 C.F.R. Part 800, and the "Programmatic Agreement (PA) Among the Federal Highway Administration, the Indiana Department of Transportation, the Advisory Council on Historic Preservation and the Indiana State Historic Preservation Officer Regarding the Implementation of the Federal Aid Highway Program In the State of Indiana," the staff of the Indiana State Historic Preservation Officer has conducted an analysis of your review request submittal form with additional information including preliminary project plans, dated November 22, 2019, and received on November 27 for the above-indicated project in Lake and Porter Counties, Indiana.

We understand that significant changes have been made to the project scope. The overall project length along County Line Road has been reduced by moving the southern termini further north. A storm water drainage pipe has been added to the west side of County Line Road along the north side of Arbor Lane. The original Area of Potential Effects ("APE") was expanded to incorporate the storm water additions.

In terms of above ground resources, in our September 25, 2017 correspondence we agreed that the Kraft Farm (or farmstead), along the east side of County Line Road and north of West County Road 700 North in Porter County, is eligible for inclusion in the National Register of Historic Places under Criterion C and is the only historic, above-ground property within the APE. We understand that the APE has since been expanded; however, we agree that there are no additional historic properties as a result. Additionally, we had asked for information about whether, and to what extent, right-of-way would need to be acquired from within the historic property boundary of the Kraft Farm (IHSSI # 127-520-10031). Thank you for providing additional information and plans for our review. It is our understanding that no permanent or temporary right-of-way will be acquired from the Kraft Farm and no trees will be removed. Planned lighting across the street from the Kraft Farm would have a minimal impact considering the line of trees and proximity to ambient light from the nearby subdivision and other development already present. Based on the information provided, we would agree that the Kraft Farm does not appear to be adversely affected by the undertaking.

In terms of archaeological resources, the noted design changes were investigated and reported in the previously submitted archaeological short report (Bubb 11/6/2018). As noted in our October 17, 2019 correspondence concerning that archaeological report, we have not identified any currently known archaeological resources listed in or eligible for inclusion in the National Register of Historic Places ("NRHP") or the Indiana Register of Historic Sites and Structures ("IRHSS") within the project area. No further archaeological work is required.

Unless another consulting party disagrees with the conclusions of the HPSR or the archaeological reconnaissance report, it might now be appropriate to ask INDOT for a finding.

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

The archaeological reviewer on the Indiana SHPO staff for this project is Beth McCord, and the structures reviewers are John Carr and Chad Slider. If you have questions about our comments, the status of our review, or what to submit, please contact the staff person in the INDOT Cultural Resources Office who is assigned to this project.

In all future correspondence regarding the City of Hobart's County Line Road Reconstruction, please refer to DHPA No. 21556.

Very truly yours,



Beth K. McCord
Deputy State Historic Preservation Officer

BKM:JLC:CWS:cws

emc: Joyce Newland, FHWA, Indiana Division
Anuradha Kumar, INDOT
Anthony Ross, INDOT
Shaun Miller, INDOT
Mary Kennedy, INDOT
Susan Branigin, INDOT
Elizabeth Biggio, BFS
Beth K. McCord, INDNR-DHPA
John Carr, INDNR-DHPA

Elizabet Biggio

From: Ross, Anthony <ARoss3@indot.IN.gov>
Sent: Tuesday, February 18, 2020 3:02 PM
To: Elizabet Biggio
Cc: Kumar, Anuradha; Branigin, Susan; Andrea Langille; Spiess, Jessica J; pgralik@cityofhobart.org
Subject: RE: File Transfer: Des 1382598 - County Line Rd LPA project - 800.11(e) Finding - COUNTY LINE ROAD CORRIDOR ASSESSMENT
Attachments: Pages from CountyLineRd_Des1382598_800.11doc_2020-02-18signed.pdf

Elizabet,

Thank you for the submittal of the revised document. We have no further comments. The signed finding is attached. The 800.11 documentation has been removed in order to reduce file size for email.

You may now upload the document to IN SCOPE. Once it is released you may send a hardcopy to SHPO and email the non-tribal consulting parties. When we receive that email, we will notify the tribal consulting parties.

Don't hesitate to let us know if you have any questions.

Best,
Anthony

Anthony Ross, Ph.D.
LPA Program Administrator
Cultural Resources Office
Environmental Services
100 N. Senate Ave., Room N642-ES
Indianapolis, IN 46204
Office: (317) 234-0142
Email: aross3@indot.in.gov



From: Elizabet Biggio [mailto:EBiggio@bfsengr.com]
Sent: Friday, February 14, 2020 7:52 AM
To: Ross, Anthony <ARoss3@indot.IN.gov>
Cc: Kumar, Anuradha <akumar@indot.IN.gov>; Branigin, Susan <SBranigin@indot.IN.gov>; Andrea Langille <ALangille@bfsengr.com>; Spiess, Jessica J <JSpiess@indot.IN.gov>; pgralik@cityofhobart.org
Subject: RE: File Transfer: Des 1382598 - County Line Rd LPA project - 800.11(e) Finding - COUNTY LINE ROAD CORRIDOR ASSESSMENT

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

Anthony,

Thank you. A link to the revised finding is below.

Elizabeth Biggio

From: Elizabeth Biggio
Sent: Tuesday, February 18, 2020 4:02 PM
To: 'Carr, John'; Slider, Chad (DNR); 'McCord, Beth K'
Cc: Ross, Anthony; Branigin, Susan; Anuradha Kumar; Andrea Langille; Jessica Spiess
Subject: FHWA Project: Des. No. 1382598; County Line Road; Lake and Porter Counties

Des. No.: 1382598

Project Description: County Line Road Project

Location: Hobart Township, Lake County, and Portage Township, Porter County

The City of Hobart, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with improvements to County Line Road (Des. No. 1382598). The Section 106 Early Coordination Letter for this project was originally distributed on August 30, 2017.

INDOT, on behalf of FHWA, has signed a determination of "No Adverse Effect" for this Section 106 undertaking. In accordance with 36 CFR 800.4(d), you and the other consulting parties that responded to the early coordination letter are being provided the documentation for this finding. In addition, some consulting parties were omitted from the notification for the completion of the archaeological short report (ASR). You can view the determination of "No Adverse Effect" and the ASR (Tribes only) electronically by accessing INDOT's Section 106 document posting website IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,

Elizabeth Biggio
Architectural Historian

Butler, Fairman & Seufert, Inc.
8450 Westfield Blvd., Suite 300 | Indianapolis, IN 46240-8302 |
p 317-713-4615 | f 317-713-4616
EBiggio@bfsengr.com | www.BFSEngr.com



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Elizabet Biggio

From: Ross, Anthony <ARoss3@indot.IN.gov>
Sent: Wednesday, February 19, 2020 7:36 AM
To: 'dhunter@miamination.com'
Cc: Miller, Shaun (INDOT); Allen, Michelle (FHWA); Branigin, Susan; Elizabet Biggio
Subject: FHWA Project: Des. No. 1382598; County Line Road; Lake and Porter Counties

Des. No.: 1382598

Project Description: County Line Road Project

Location: Hobart Township, Lake County, and Portage Township, Porter County

The City of Hobart, with funding from the Federal Highway Administration (FHWA) and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with improvements to County Line Road (Des. No. 1382598). The Section 106 Early Coordination Letter for this project was originally distributed on August 30, 2017.

INDOT, on behalf of FHWA, has signed a determination of "No Adverse Effect" for this Section 106 undertaking. In accordance with 36 CFR 800.4(d), you and the other consulting parties that responded to the early coordination letter are being provided the documentation for this finding. In addition, some consulting parties were omitted from the notification for the completion of the archaeological short report (ASR). You can view the determination of "No Adverse Effect" and the ASR (Tribes only) electronically by accessing INDOT's Section 106 document posting website IN SCOPE at <http://erms.indot.in.gov/Section106Documents/> (the Des. No. is the most efficient search term, once in IN SCOPE). If a hard copy of the materials is needed, please respond to this email with your request within seven (7) days.

Consulting parties have thirty (30) calendar days from receipt of this information to review and provide comment. Tribal contacts may contact Shaun Miller at smiller@indot.in.gov or 317-233-6795 or Michelle Allen at FHWA at michelle.allen@dot.gov or 317-226-7344.

Thank you in advance for your input,

Anthony Ross, Ph.D.

LPA Program Administrator

Cultural Resources Office

Environmental Services

100 N. Senate Ave., Room N642-ES

Indianapolis, IN 46204

Office: (317) 234-0142

Email: aross3@indot.in.gov





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



March 13, 2020

Elizabeth Biggio
Architectural Historian II
Butler, Fairman & Seufert, Inc.
8450 Westfield Boulevard, Suite 300
Indianapolis, Indiana 46240

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

Re: INDOT’s finding, with supporting documentation, of “No Adverse Effect,” on behalf of
Federal Highway Administration, for the City of Hobart’s County Line Road Project, between
US 6 and Cleveland Avenue/W. County Road 700 North, in Hobart Township in Lake County,
Indiana, and Portage Township in Porter County, Indiana

Dear Ms. Biggio:

Pursuant to Section 106 of the National Historic Preservation Act 1966, as amended (54 U.S.C. § 306108), 36 C.F.R. Part 800, and the “Programmatic Agreement (PA) Among the Federal Highway Administration, the Indiana Department of Transportation, the Advisory Council on Historic Preservation and the Indiana State Historic Preservation Officer Regarding the Implementation of the Federal Aid Highway Program In the State of Indiana,” the staff of the Indiana State Historic Preservation Officer (“Indiana SHPO” or INDNR-DHPA”) has conducted an analysis of your review request submittal form, finding, and 36 C.F.R. § 800.11(e) documentation dated February 18, 2020 and received on February 20 for the above-indicated project in Lake and Porter counties, Indiana.

We concur with INDOT’s February 18, 2020 finding that the Kraft Farm (IHSSI No. 127-520-10031) is the only historic property within the project’s area of potential effects.

We also concur with INDOT’s Section 106 finding of No Adverse Effect for the City of Hobart’s County Line Road Reconstruction between US 6 and Cleveland Avenue/W. County Road 700 North, in Lake and Porter counties.

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

The archaeological reviewer on the Indiana SHPO staff for this project is Beth McCord, and the structures reviewers are John Carr and Chad Slider. If you have questions about our comments, the status of our review, or what to submit, please contact the staff person in the INDOT Cultural Resources Office who is assigned to this project.

If there is any future correspondence regarding the City of Hobart's County Line Road Reconstruction in Lake and Porter counties, please refer to DHPA No. 21556.

Very truly yours,



Beth K. McCord
Deputy State Historic Preservation Officer

BKM:JLC:jlc

emc: Kari Carmany-George, FHWA
Anuradha Kumar, INDOT
Anthony Ross, INDOT
Shaun Miller, INDOT
Susan Branigin, INDOT
Elizabeth Biggio, Butler, Fairman & Seufert, Inc.
Diane Hunter, Miami Tribe of Oklahoma
Beth K. McCord, INDNR-DHPA
Chad Slider, INDNR-DHPA
John Carr, INDNR-DHPA

Legal - Lake County

payable in 2021 and thereafter, continuing until reduced or rescinded.

Ten (10) or more taxpayers in the taxing unit who will be affected by the tax rate and corresponding levy may file a petition with the Lake County Auditor not later than noon 30 days after the publication of this Notice setting forth their objections to the proposed cumulative fund.

Upon the filing of the petition, the County Auditor shall immediately certify the same to the Department of Local Government Finance, at which point the Department will fix a date for and conduct a public hearing on the proposed cumulative fund before issuing its approval, disapproval, or modification thereof.

Dated this 28th, day of February, 2020

Town Council, Merrillville, Lake County, Indiana
2/14, 2/21 -36538 -hspaxlp

NOTICE TO TAXPAYERS OF HEARING ON CUMULATIVE CAPITAL DEVELOPMENT FUND

Notice is hereby given to the taxpayers of the Town of Merrillville, Lake County, Indiana, that the Town Council will consider at 7820 Broadway, Merrillville, Indiana 46410 at 6:30 p.m., February 25, 2020, the reestablishment of a Cumulative Capital Development Fund under the provisions of I.C. §36-9-15.5 for the following purposes: For all uses set out in I.C. §36-9-15.5-2.

The tax will be levied on all taxable real and personal property within the taxing district, and will not exceed \$0.0500 per \$100 of assessed valuation. The proposed fund will be levied beginning with taxes due and payable in the year 2021. Taxpayers appearing at such hearing shall have the right to be heard thereon. The proposal for the reestablishment of the Cumulative Capital Development Fund is subject to approval by the Department of Local Government Finance.

Within 30 days after the adoption of the cumulative fund by the Town of Merrillville, the Town Council will publish a Notice of Adoption. Upon adoption, fifty (50) or more taxpayers in the taxing district may file a petition with the Lake County Auditor not later than noon 30 days after the publication of the Notice of Adoption setting forth their objections to the proposed fund.

Dated this 14th, day of February, 2020

Town Council, Merrillville, Lake County, Indiana
2/14, 2/21 -36537 -hspaxlp

STATE OF INDIANA COUNTY OF LAKE SS: IN THE LAKE SUPERIOR COURT

3711 Main St., East Chicago, IN 46312

ROBERT V. LITTLE, as Trustee of The Faith S. Little Irrevocable Trust For the benefit of Robert V. Little Dated December 27, 2012, Plaintiff,

VS.

FAITH S. LITTLE, individually and as Trustee of the Verle E. Little Irrevocable Trust No. 23, UA, as amended, dated 11/7/1991, JOSEPH M. LITTLE, LINDA S. EBERT, THOMAS R. LITTLE, JACK LITTLE, TERRY LITTLE, PEG BUSHORE, and KATHY LITTLE, Defendants.

CAUSE NO.: 45D02-2002-CT-000163

NOTICE OF PENDENCY OF QUIET TITLE PROCEEDING

NOTICE IS GIVEN that the above-entitled action was commenced on February 11, 2020, in the above-named court by the Plaintiff, Robert V. Little, as trustee of the Faith S. Little Irrevocable Trust for the Benefit of Robert V. Little dated December 27, 2012. The Plaintiff in this proceeding is alleging that the Faith S. Little Irrevocable Trust for the Benefit of Robert V.

Little dated December 27, 2012, is the owner of the fee simple title to the following described real estate located in Lake County, Indiana, and legally described as follows:

Parcel 1: The South one hundred one (101) acres of the Northwest Quarter of Section 28, Township 33 North, Range 7 West of the 1st Principal Meridian in Lake County, Indiana, EXCEPTING the parcel described as: A part of the Northwest Quarter of Section 28, Township 33 North, Range 7 West of the 1st Principal Meridian described as follows: The South 208.71 feet of the East 208.71 feet containing 1,000 acres, more or less, in Lake County, Indiana.

Parcel 2: Twenty-five (25) acres located in the Northwest Quarter of Section 28, Township 33 North, Range 7 West, Eagle Creek Township, in Lake County, Indiana, further known as Parcel Number 45-21-28-100-005.000-012, and more particularly described as follows:

The East 1,327.15 feet of the West 2,211.52 feet of the North 983.05 feet, EXCEPT the North 378.05 feet of the East 683.47 feet of the West 2,221.52 feet of the Northwest Quarter of Section 28, Township 33 North, Range 7 West of the 2nd Principal Meridian, Lake County, Indiana. Containing 24 acres, more or less. Subject to legal highway rights of State Road #2 along the North line.

The Plaintiff in this proceeding is seeking to have the Court quiet the title against all persons as defendants who may have a claim to or any interest in the above-described real estate. The object of Plaintiff's action is to establish Plaintiff's title as against all the world, and to determine all adverse claims and interests to the above-described real estate.

Any person having a claim to or interest in the above-described real estate must file an answer or other response in writing asserting such claim or interest on or before April 10, 2020, and if you fail to do so, judgment may be rendered in favor of the Plaintiff quieting the Plaintiff's title to the above-described real estate against all defendants and the world.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of this Court on 2-11-2020 45D02-2002-CT-000163.

/s/ Lorenzo Arredondo Clerk, Lake Superior Court 2 Beers Mailers Backs & Salin LLP By: Daniel K. Leininger 2174 North Pointe Dr. Warsaw, Indiana 46582 Telephone: (574) 267-4300 Facsimile: (574) 267-4343 Attorneys for Plaintiff 2/14, 21, 28 -36525 -hspaxlp

NOTICE TO TAXPAYERS OF HEARING ON PROPOSED CUMULATIVE CAPITAL DEVELOPMENT FUND

Notice is hereby given to the taxpayers of the Town of St. John, Lake County, Indiana, that the Town Council will consider at the St. John Town Hall, 10955 W 93rd Avenue, St. John, Indiana 46373 at 7:00 pm on February 26, 2020, the reestablishment of a Cumulative Capital Development Fund under the provisions of Indiana Code 36-9-15.5 for all uses as set out in IC 36-9-15.5.

The tax will be levied on all taxable real and personal property within the taxing district and will not exceed: \$0.0500 per \$100 of assessed valuation beginning with taxes

payable in 2021 and thereafter, continuing until reduced or rescinded.

Taxpayers appearing at such hearing shall have the right to be heard thereon. The proposal for reestablishment of the Cumulative Capital Development Fund is subject to approval by the Department of Local Government Finance.

Within 30 days after the date of the adoption of the cumulative fund by the Town Council, the Town of St. John will publish a Notice of Adoption. Upon publication of the Notice of Adoption, 50 or more taxpayers in the taxing district may file a petition with the County Auditor not later than noon 30 days after the publication of the Notice of Adoption setting forth their objections to the proposed fund.

Dated this 10th day of February, 2020

Beth Hernandez, St. John Clerk-Treasurer
2/14, 2/21 -36507 -hspaxlp

NOTICE OF PUBLIC HEARING

Notice is hereby given that the Plan Commission of the City of Portage will hold a Public Hearing at 6:30 p.m. on March 2, 2020, in the Sycamore Area of Woodland Park, 2100 Willowcreek Road, to consider the following: A Change of Zoning from BP (Business Park) to LI (Light Industrial) **The legal description is as follows:** Willow Creek Acres Lot 11, 12 & 13 ExS110 & Parc In NW NW Desc D#2013-006178 11-36-7 **Commonly known as:** 5500 Melton Road **On application of:** Eli Pecoski 5180 E. 107th Place Crown Point, Indiana 46307. Written suggestions and/or objections to the proposed amendment may be filed in the office of the City of Portage Plan Commission at or before such Public Hearing and will be heard by said Commission at the time and place specified. Interested persons desiring to present their view upon this proposed amendment, in writing or verbally, will be given the opportunity to be heard at the above mentioned time and place.

Kurt Knutsen Executive Secretary
2/21 -37029 -hspaxlp

STATE OF INDIANA COUNTY OF LAKE SS:

IN THE LAKE CIRCUIT COURT LORI SHARVA PETERSON Petitioner

CAUSE NO: 45C01-1908-MI-000696

NOTICE OF PETITION FOR CHANGE OF NAME

LORI SHARVA PETERSON of Lake County, Indiana, hereby gives notice that LORI SHARVA PETERSON has filed a petition in the LAKE Court requesting that her name be changed to Tanjanquie Cierra Peterson.

Notice is further given that the hearing will be held on said Petition on April 30, 2020 at 9:30 am 2293 North Main Street, Crown Point, IN Circuit Court.

Dated 1/8/2020 /s/ Lorenzo Arredondo CLERK LAKE SUPERIOR COURT 2/7, 14, 21 -35767 -hspaxlp

Public Notice Des. No. 1382598

The City of Hobart is planning to undertake a road reconstruction and drainage project funded in part by the Federal Highway Administration (FHWA). The project is located on County Line Road between US 6 (Ridge Road) and approximately 0.13 mile south of Cleveland Avenue (CR W. 700 North), on the county line between Lake and Porter Counties.

Under the preferred alternative, County Line Road would be widened and a two-way-left turn lane added to the corridor. The project also includes the installation of a new stormwater system and sidewalk replacement and extension. The total project length is approximately 1.21 miles, consisting of approximately 1.03 miles of road work and an additional 0.19 mile of stormwater drainage pipe work. Approximately 8.18 acres of permanent and 1.43 acres of temporary right-of-way acquisition is anticipated.

Properties listed in or eligible for the National Register of Historic Places (NRHP) located within the Area of Potential Effects (APE) include the Kraft Farm (northeast corner of County Line Road and CR 700 N.). The proposed action impacts properties listed in or eligible for the NRHP. The Indiana Department of Transportation (INDOT), on behalf of the FHWA, has issued a "No Adverse Effect" finding for the project because the project will not diminish the integrity of the characteristics that qualify the historic properties within the APE for inclusion in the NRHP. In accordance with the National Historic Preservation Act, the views of the public are being sought regarding the effect of the proposed project on the historic elements as per 36 CFR 800.2(d), 800.3(e) and 800.6(a)(4). Pursuant to 36 CFR 800.4(d)(2), the documentation specified in 36 CFR 800.11(e) is available for inspection in the office of Butler, Fairman, & Seufert, Inc. Additionally, this documentation can be viewed electronically by accessing INDOT's Section 106 document posting website IN SCOPE at <http://fems.indot.in.gov/Section106Documents>. This documentation serves as the basis for the "No Adverse Effect" finding. The views of the public on this effect finding are being sought. Please reply with any comments to Elizabeth Biggio, Butler, Fairman, & Seufert, Inc., 9450 Westfield Blvd. Suite 300, Indianapolis, IN 46240, 317-713-4615, ebiggio@bfsengr.com no later than March 22, 2020.

In accordance with the "Americans with Disabilities Act", if you have a disability for which the City of Hobart needs to provide accessibility to the document(s) such as interpreters or readers, please contact the ADA Coordinator, Mike Hannigan, at 219-947-3407 or mhannigan@cityofhobart.org. 2/21 -37083 -hspaxlp

PUBLIC NOTICE

The Town of Dyer, One Town Square Dyer, IN 46311, is submitting Notice of Intent to the Indiana Department of Environmental Management of its intent to comply with the requirements under 327 IAC 15-5 to discharge stormwater from construction activities for the Central Park Additional Ballfield and Multi-Use Path Improvement. Stormwater run-off will be discharged via a proposed detention pond located in the northeast corner using the same outfall as the pre-construction condition, ultimately discharging into Hart Ditch (Plum Creek) Ditch. Questions or comments should be directed to Michael O'Shea, Director, Dyer Parks and Recreation or Ronald J Wiedeman, Project Manager at the above address.

2/21, 26 -37085 -hspaxlp

STATE OF INDIANA COUNTY OF LAKE SS:

IN THE LAKE CIRCUIT/SUPERIOR COURT

THE BANK OF NEW YORK MELLON TRUST COMPANY, N.A. AS SUCCESSOR IN INTEREST TO ALL PERMITTED SUCCESSORS AND ASSIGNS OF THE JPMORGAN CHASE BANK, AS TRUSTEE FOR SPECIALTY UNDERWRITING AND RESIDENTIAL

FINANCE TRUST MORTGAGE LOAN ASSET-BACKED CERTIFICATES, SERIES 2003-BC1, Plaintiff, v. MLSG, INC.; UNKNOWN CLAIMANTS; AND ALL THE WORLD, Defendants.

Cause No. 45D04-1912-PL-000771

NOTICE OF SUIT

From the State of Indiana to the Defendants above named, and any other person who may be concerned: You are hereby notified that you have been sued in the Court above named. The nature of the suit against you is: COMPLAINT FOR DECLARATORY JUDGMENT ("Complaint") concerning a mortgage lien encumbering real property commonly known as 2773 W 19th Ave. Gary, Indiana 46404, and legally described as follows:

LOTS 17, 18, 19, AND 20 IN BLOCK 1 IN GERMANIA NO. 1 ADDITION TO TOLLESTON, IN THE CITY OF GARY, AS PER PLAT THEREOF RECORDED IN PLAT BOOK 2, PAGE 67 IN THE OFFICE OF THE RECORDER OF LAKE COUNTY, INDIANA.

Parcel ID Number: 43-360-19 This summons by publication is specifically directed to the following named Defendants whose whereabouts are unknown: MLSG, INC.; UNKNOWN CLAIMANTS; AND ALL THE WORLD If you have a claim for relief against the plaintiff arising from an interest in the real property described above, you must assert it in your written answer to Plaintiff's Complaint for Declaratory Judgment. You or your attorney must answer the Complaint in writing, within thirty (30) days after the last notice of the action is published, and in case you fail to do so, judgment by default may be entered against you for what the plaintiff has demanded.

Respectfully submitted, HINSHAW & CULBERTSON LLP By: /s/ Jennifer L. Fisher jfisher@hinshawlaw.com Attorneys for Plaintiff 322 Indianapolis Blvd. Suite 201 Schererville, IN 46375 219-864-5051 /s/ Laura Shurr Blaney 2/7, 14, 21 -36060 -hspaxlp

STATE OF INDIANA COUNTY OF Porter SS:

IN THE PORTER COURT IN RE THE NAME CHANGE OF: Sharon Grace Woods Petitioner

CAUSE NO.: 64D05-2002-MI-1320

NOTICE OF PETITION FOR CHANGE OF NAME

Sharon Grace Woods of Porter County, Indiana, hereby gives notice that Sharon Grace Woods has filed petition in the Porter Court requesting that her name be changed to Sharon Grace Woods Anderson.

Notice is further given that the hearing will be held on said Petition on July 20, 2020 at 1:00pm. Date: 2/11/2020 /s/ Jessica A. Bailey, Clerk 2/14, 21, 28 -36376 -hspaxlp

Legal - Porter County

NOTICE OF OFFER OF FARM LEASE

The East Porter County School Corporation gives notice that it intends to offer a farm lease on three (3) parcels of tillable land on approximately 23 acres, more or less. Land is located in Washington Township, Porter County Indiana, and includes three (3) parcels adjacent to Washington Township High School located at 383 East State Road, Valparaiso, Indiana, 46383. The Parcels are described as:

Parcel (2) is 9.4 acres described as parcel S663.75 W619.30 Ne. Parcel No. 641016251002.000020 Duplicate No. 930048

Parcel (3) is 13.1 acres described as parcel N929.11 W624.65 Se. Parcel No. 641016400001.000020 Duplicate No. 930047

Parcel (4) is 7.71 acres described as parcel SE W of Hwy 2. Parcel No. 641016400002.000020 Duplicate No. 930046

Questions concerning the property may be directed to Wendy Kulczyk, Director of Business Affairs, East Porter County School Corporation. The lease shall be for a term of not less than one (1) year, with an option to renew for successive terms not to exceed a total of three (3) years. The minimum bid shall be not less than Two hundred dollars (\$200.00) per tillable acre. The property will not be leased to a party who is ineligible under IC 36-1-11-16. An offer to lease the property submitted by a trust (as determined by IC 30-4-1-1(a) must identify each beneficiary of the trust and the name of the seller empowered to revoke or modify the trust. Sealed bids to lease the property may be submitted to the attention of Dr. Aaron Case, Superintendent of East Porter Counter School Corporation, 502 East College Ave, Kouts Indiana 46347 and must be received no later than 3:00 p.m. local time on Thursday, March 5th, 2020. The East Porter County School Corporation will award the lease to the successful bidder at its meeting at 7:00 pm on Monday, March 9th, 2020.

2/14, 2/21 -36533 -hspaxlp

ORDINANCE No. 20-03

PORTER COUNTY BOARD OF COMMISSIONERS AN ORDINANCE ESTABLISHING A NON REVERTING FUND #8500 FOR DEPOSIT OF PROCEEDS FROM AN INDIANA LAKE MICHIGAN COASTAL GRANT TO PORTER COUNTY PARK DEPARTMENT

WHEREAS, the Porter County Board of Commissioners adopted the Porter County Municipal Code on Tuesday, December 2, 1997 pursuant to Ordinance No. 97-38; and

WHEREAS, the Porter County Board of Commissioners has deemed it necessary to pass a new ordinance for inclusion in the Porter County Municipal Code; and WHEREAS, IC 36-1-3-2 grants the Board of County Commissioners all the powers that they need for the effective operation of government as to local affairs; and WHEREAS, IC 36-1-3-6 states that if there is no constitutional or statutory provision requiring a specific manner for exercising power, the Board of County Commissioners may adopt an ordinance prescribing a specific manner for exercising a power; and

NOW WHEREFORE BE IT AND IT IS HEREBY ORDAINED THAT: 1. Title 3, Revenue and Finance of the Porter County Municipal Code is hereby amended through the addition of Chapter 3.040 entitled "Ordinance Establishing a Fund for Deposit of an Indiana Lake Michigan Coastal Grant II to Porter County Park Department" for the

deposit of proceeds from an Indiana Lake Michigan Coastal Grant secured by the Porter County Park Department for partial funding for acquisition of approximately 35 acres (Smith property) of additional property expanding the current Brincka Cross facility

2. That Section 3.040 is added to the Porter County Municipal Code to read as follows:

3.040.10 1. Fund Established. The Board of County Commissioners has determined that a need exists for creation of a fund to serve as the depository of the proceeds from an Indiana Lake Michigan Coastal Grant secured by the Porter County Park Department for partial funding for acquisition of approximately 35 acres (Smith property) of additional property expanding the current Brincka Cross facility.

3.040.20 2. Use of Revenues. The funds received from an Indiana Lake

Michigan Coastal Grant secured by the Porter County Park Department and deposited into this fund will be used for partial funding for acquisition of approximately 35 acres (Smith property) of additional property expanding the current Brincka Cross facility.

3.040.30 3. Termination of Fund. This fund having been created to provide a depository for the proceeds of an Indiana Lake Michigan Coastal Grant secured by the Porter County Park Department for partial funding for acquisition of approximately 35 acres (Smith property) of additional property expanding the current Brincka Cross facility shall remain in existence and remain perpetual in its term until amended or terminated by subsequent ordinance enacted by the Porter County Board of Commissioners. If and when a subsequent ordinance is passed to terminate this fund, the balance remaining, if not otherwise provided for by ordinance shall revert to the Park Maintenance Fund.

This ordinance passed and adopted this 28th day of January, 2020.

BOARD OF COMMISSIONERS PORTER COUNTY, INDIANA /s/ Jeff Good /s/ Laura Shurr Blaney /s/ Jim Biggs

ATTEST: /s/ Vicki Urbanik, Auditor

I affirm under the penalties for perjury that I have taken reasonable care to redact each social security number in this document unless required by law.

/s/ Walter Lenckos, Superintendent Porter County Park Department 2/14, 21 -36514 -hspaxlp

ORDINANCE No. 20-04

PORTER COUNTY BOARD OF COMMISSIONERS AN ORDINANCE ESTABLISHING A NON REVERTING FUND# 9206 FOR DEPOSIT OF PROCEEDS FROM A CONSERVATION FUND GRANT TO PORTER COUNTY PARK DEPARTMENT

WHEREAS, the Porter County Board of Commissioners adopted the Porter County Municipal Code on Tuesday, December 2, 1997 pursuant to Ordinance No. 97-38; and

WHEREAS, the Porter County Board of Commissioners has deemed it necessary to pass a new ordinance for inclusion in the Porter County Municipal Code; and WHEREAS, IC 36-1-3-2 grants the Board of County Commissioners all the powers that they need for the effective operation of government as to local affairs; and

WHEREAS, IC 36-1-3-6 states that if there is no constitutional or statutory provision requiring a specific manner for exercising power, the Board of County Commissioners may adopt an ordinance prescribing a specific manner for exercising a power; and WHEREAS, the Porter County Board of Commissioners has deemed it necessary to establish a fund entitled "Fund for Deposit of Proceeds from a Conservation Fund Grant to Porter County Park Department" for the deposit of proceeds from a Conservation Fund Grant secured by the Porter County Park Department to partially fund acquisition of approximately 35 acres (Smith property) of additional property expanding the current Brincka Cross facility

NOW WHEREFORE BE IT AND IT IS HEREBY ORDAINED THAT: 1. Title 3, Revenue and Finance of the Porter County Municipal Code is hereby amended through the addition of Chapter 3.041 entitled Ordinance Establishing a Fund for Deposit of a Conservation Fund Grant to Porter County Park Department" for the deposit of proceeds from a Conservation Fund Grant secured by the Porter County Park Department for partial funding for acquisition of approximately 35 acres (Smith property) of additional property expanding the current Brincka Cross facility

2. That Section 3.041 is added to the Porter County Municipal Code to read as follows: 3.041.10 1. Fund Established. The Board of County Commissioners has determined that a need exists for creation of a fund to serve as the depository of the proceeds from a Conservation Fund Grant secured by the Porter County Park Department for partial funding for acquisition of approximately 35 acres (Smith property) of additional property expanding the current Brincka Cross facility

3.041.20 2. Use of Revenues. The funds received from a Conservation Fund Grant secured by the Porter County Park Department and deposited into this fund will be used for partial funding for acquisition of approximately 35 acres (Smith property) of additional property expanding the current Brincka Cross facility.

3.041.30 3. Termination of Fund. This fund having been created to provide a depository for the proceeds of a Conservation Fund Grant secured by the Porter County Park Department for partial funding for acquisition of approximately 35 acres (Smith property) of additional property expanding the current Brincka Cross facility shall remain in existence and remain perpetual in its term until amended or terminated by subsequent ordinance enacted by the Porter County Board of Commissioners. If and when a subsequent ordinance is passed to terminate this fund, the balance remaining, if not otherwise provided for by ordinance shall revert to the Park Maintenance Fund.

This ordinance passed and adopted this 28th day of January, 2020.

BOARD OF COMMISSIONERS PORTER COUNTY, INDIANA /s/ Jeff Good /s/ Laura Shurr Blaney /s/ Jim Biggs

ATTEST: /s/ Vicki Urbanik, Auditor

I affirm under the penalties for perjury that I have taken reasonable care to redact each social security number in this document unless required by law.

/s/ Walter Lenckos, Superintendent Porter County Park Department 2/14, 21 -36516 -hspaxlp

Garage & Estate Sale

HIGHLAND: 3125 - 45th STREET Sat. Feb. 22 & Sun. Feb. 23: 9a-4p HUGO SALE EVERYTHING MUST GO! Office Furniture, Machines & Supplies.

Valparaiso

VALPARAISO - 87 N. Woodview Ct Feb. 21, 22 9AM-4PM Feb. 23rd 9AM-Noon Garage FULL of excellent Hand tools, power tools, generator, air compressor, welder, and MUCH more! Furniture, china, clothing, crystal, antiques, records, cookware. Stand up freezer, dryer, coffee makers, cast iron, canning jars, quilting supplies, mobility scooter, books, televisions, jewelry, cedar chest, paintings.

RENTALS

Apartments Unfurnished

Bristol Court / Woodview Apts. Newly Remodeled in quiet residential area. Spacious 1-2 bedrooms starting \$695. PETS WELCOME 219-838-5130. www.bristolcourtpartmenthomes.com

CHESTERTON: \$199 RENT SPECIAL! 2 Bedroom Apts. 801 Galia Drive. (1) Pet OK, (708) 8 9 5 - 14 1 1. www.bogsmangement.com

CROWN POINT: ATTRACTIVE 2 bedroom, 1.5 bath includes central air, balcony located on a quiet cul-de-sac. 219 - 712 - 6041.

HOBART- Near Hospital and schools. 1 Bedroom \$750/mo. and 2 Bedroom \$825/mo., both include water 1 Year Lease + Security Deposit. 219-962-1774

LANSING- Hickory Oaks Apts. 1 & 2 bedrooms, heat included. 708-895-1411 bogsmangement.com

MERRILLVILLE: 1 & 2 bedroom apartments starting from \$789-Age 55 +, 1st month's rent \$200 off!! 219-650-5000

MERRILLVILLE: 1 and 2 bedroom Starting at \$670. Heat, water and gas. 219-980-8555

SCHERERVILLE: 1 and 2 bedroom apartments, pool, club house starting at \$749. 219-769-1880

Schererville: 2029 Meadow Lane Drive 1 Bedroom Apt. Includes major appliances, window coverings, water /garbage/sewer, laundry onsite, controlled entrance, close to shopping. Call for an appt. 219-926-3823.

SCHERERVILLE: SPOTLESS - MODERN - Well-cared for 2 bedroom, air, appliances, laundry, garage, no pets. \$895 - \$950/mo + dep. 219-922-9404.

SCHERERVILLE: 2 bedroom, Intercom Security, Heat Paid, No Pets 219-322-3470

VALPARAISO: 2 bdrm \$850/mo.1 bdrm \$750/mo. Includes heat, water, garbage, laundry room on premise, students welcome.Lease-references 219-393-0232

Condo-Duplex-Townhouse Rent

CHESTERTON: New Construction, quiet area, 1 story, 1330sqft., 3 bdrm, 2 full baths, W— hookups, 2-car attached garage, granite counters, stainless appl. \$1475-\$950 + Dep.NO PETS 219-926-8533

VALPARAISO 2 & 3 bedroom townhomes available starting at \$895. Call M.J.F. Rentals at 219-477-4555

Office Space

Griffith- 640 sf office Available in mid-April - \$640/month Call 219.922.9174

Warehouse-Storage Rent

Dyer - 7,200 sf warehouse with office. Overhead door. Call 219.922.9174

Hammond - 10,250 sf warehouse with Office. Overhead Door & Loading Dock. Call 219.922.9174

REAL ESTATE

Cemetery Plots

CHAPEL LAWN CEMETERY Garden of Inspiration. 2 Lots side-by-side. Valued \$4490 Asking \$4000. 219-718-7110.

Open Houses

OPEN HOUSE Sun 1/26 1:00-3:00 One owner Custom built brick 1 and 1/2 story 4 br, 4ba, with main floor master br with ensuite and finished basement. Over 4100 sq ft. new roof. Asking 419,900. 2244 Divac Dr. Schererville. Off of 77th East of Rt 41 For additional info 773-646-0810 419,900.

ANNOUNCEMENTS

Lost and Found

LOST CAT: Orange Tabby, Male. "Spencer" went missing Dec. 10 near Lakeside in Highland. Very friendly male 219-742-8823. REWARD IF FOUND.

MERCHANDISE

Wanted Merchandise

WANTED FREON R12. We pay CASH. R12 R500 R11. Convenient. Certified professionals. 312-291-9169 www.refrigerantfinders.com/ad

WANTED: Radio/tv tubes, cb/hm radios, 70's high-power stereos, tube testers, old radios, misc. electronics, (No TVs's). 219 - 924 - 0 9 4 5.

WANTED: I BUY ANTIQUES! Toys, Military, Trains, Guns, Sports Cards, Tools &

APPENDIX E: HAZARDOUS MATERIALS

Date: February 11, 2019

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

From: Elizabet Biggio
Butler, Fairman and Seufert, Inc.
8450 Westfield Boulevard, Suite 300
Indianapolis, IN 46240
ebiggio@bfsengr.com

Re: RED FLAG INVESTIGATION
DES # 1382598, State Project
County Line Road Reconstruction
2.7 miles south I-80 and 4.55 mile east of the I-65/ 37th Ave interchange
Hobart Township, Lake County and Portage Township, Porter County, Indiana



Headquarters:

8450 Westfield Blvd., Suite 300
Indianapolis, IN 46240-5920
t 317.713.4615
f 317.713.4616
e bfs@BFSEngr.com
www.BFSEngr.com

Branch Locations:

Ft. Wayne
Lafayette
Louisville
Merrillville
Plainfield

Founded 1961



PROJECT DESCRIPTION

Brief Description of Project: The City of Hobart proposes improvements to County Line Road between United States Highway (US) 6 and Cleveland Road (County Road 700 N). The project is located on the border between Lake and Porter Counties. The project is in Sections 27, 28, 33, and 34, Township 36 North, Range 7 West on the USGS Portage, Indiana Quadrangle. The project area runs along the border between Hobart Township, Lake County and Portage Township, Porter County.

The project would consist of pavement reconstruction and widening and the installation of a roundabout at the intersection of County Line Road and Coral Drive. This project would involve improvements to the trail crossing of County Line Road, possibly including a mid-crossing refuge, new signage and pavement markings, and a flashing warning light or Rectangular Rapid Flash Beacon (RRFB). A sidewalk would also be added, or replaced where it already exists, on the west side of County Line Road. A drainage structure would be installed along Arbor Lane, extending approximately 1,000 feet west of County Line Road. This project would involve improvements to the trail crossing of the Prairie Duneland/Oak Savannah Trail, which crosses the project area approximately 0.25 mile south of its northern terminus, running in a southwest/northeast alignment. This project would include improvements to the trail crossing, such as a mid-crossing refuge, new signage and pavement markings, and a flashing warning light or Rectangular Rapid Flash Beacon (RRFB). The project also proposes to replace a culvert spanning a National Wetland Inventory (NWI) Line. The maximum depth of excavation would be approximately 15 feet.

The total project length would be approximately 1.42 mile. Approximately 8.18 acres permanent right-of-way acquisition is anticipated. Approximately 1.43 acres of temporary right-of-way acquisition is anticipated for the reconstruction of private drives.

Bridge and/or Culvert Project: Yes ☒ No ☐ **Structure #** Two (2) culverts are being replaced; however, the culverts do not have any identifying structure numbers. The culverts are located at Station 100+48 line A, approximately 1470 feet south of US 6; and at Station 95+11 Line A, approximately 2000 feet south of US 6.

If this is a bridge project, is the bridge Historical?

Yes ☐ No ☐ , Select ☐ Non-Select ☐

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

Proposed right of way: Temporary ☒ # Acres 1.43 Permanent ☒ # Acres 8.18

Type of excavation: Excavation would be to a depth of approximately 10-15 feet throughout the project area.

Maintenance of traffic: The project may require a road closure of 60-90 days. A detour route would be used.

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

State Project: ☐ **LPA:** ☒

Any other factors influencing recommendations: The project description is subject to additional details as design progresses.

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	3*	Recreational Facilities	2
Airports ¹	1	Pipelines	N/A
Cemeteries	N/A	Railroads	2
Hospitals	N/A	Trails	2
Schools	N/A	Managed Lands	1

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

Explanation:

Religious Facilities: There are two (2) religious facilities mapped within 0.5 mile of the project area. One (1) additional religious facility was observed on aerial maps. The Inland Manor Baptist Church (630 N. County Line Road) is adjacent to the project area on the west side. This project may require temporary closure of County Line Road. Coordination with the Inland Manor Baptist Church will occur.

Recreational Facilities: There are two (2) recreational facilities mapped within 0.5 mile of the project area. The nearest recreational facility is McAfee Park (2630 Drexel Drive) and is mapped approximately 0.36 mile west of the project area. No impact is expected.

Airports: Although not located within the 0.5 mile search radius, one (1) public airport, Hobart Sky Ranch, is located within 3.8 miles (20,000 feet) of the project area. Therefore, early coordination with INDOT aviation will occur.

Railroads: There are two (2) railroad segments mapped within 0.5 mile of the project area. One (1) railroad segment, marked abandoned, associated with the Elgin, Joliet, and Eastern Railway, overlaps the project area. However, this railroad is no longer extant and the alignment is now in use as a recreational trail (see below). No impacts are expected.

Trails: There are two (2) trail segments mapped within 0.5 mile of the project area. One (1) trail segment, the Prairie Duneland Trail, overlaps the project area. Coordination with the Portage Department of Parks and Recreation will occur. Additionally, one (1) trail segment, Oak Savannah Trail is adjacent to the project area and connects with the Prairie Duneland trail on the west side of County Line Road. Coordination with Lake County Parks and Recreation Department will occur. This trail is a probable Section 4(f) recreational resource.

Managed Lands: There is one (1) managed land mapped within 0.5 mile of the project area. McAfee Park is mapped approximately 0.36 mile west of the project area. No impact is expected.

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	16
Canal Structures – Historic	N/A	Lakes	4
NPS NRI Listed	N/A	Floodplain - DFIRM	1
NWI-Lines	8	Cave Entrance Density	N/A
IDEM 303d Listed Streams and Lakes (Impaired)	N/A	Sinkhole Areas	N/A
Rivers and Streams	6	Sinking-Stream Basins	N/A

Explanation:

NWI – Wetlands: There are 16 wetlands mapped within 0.5 mile of the project area. The nearest wetland polygon is mapped approximately 0.01 mile east of the project area. Road widening and sidewalk installation will occur on the west side of the existing alignment. No impact is expected.

Lakes: There are four (4) lakes mapped within 0.5 mile of the project area. The closest lake polygon is mapped approximately 0.03 mile east of the project area. No impact is expected.

Floodplain – DFIRM: There is one (1) floodplain-DFIRM mapped within the 0.5 mile search radius. The floodplain is mapped approximately 0.49 miles southeast of the project area. No impact is expected.

NWI – Lines: There are eight (8) NWI Lines mapped within 0.5 mile of the project area. One (1) NWI-line is mapped within the project area. A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur.

Rivers and Streams: There are six (6) rivers and streams mapped within 0.5 mile of the project area. One (1) stream, an unnamed tributary to Duck Creek, is within the project area. A culvert carrying County Line Road over this unnamed tributary to Duck Creek will be replaced as a part of this project. A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur.

URBANIZED AREA BOUNDARY SUMMARY

Urbanized Area Boundary (UAB): The project is within the Chicago-Northwest Indiana urbanized area. Post construction Storm Water Quality Best Management Practices (BMPs) may need to be considered. An early coordination letter with topographic and aerial maps showing the project area should be sent to the Stormwater District / MS4 Coordinator at the, City of Hobart, 414 Main St., Hobart, IN 46342, the Porter County Stormwater Department at 155 Indiana Ave., Suite 311 Valparaiso, IN 46383, and the City of Portage MS4 Coordinator at 2301 Hamstrom Road, Portage, IN 46368.

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 exploration resources were identified within the 0.5 mile search radius.

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	N/A	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	1	Confined Feeding Operations (CFO)	N/A
Voluntary Remediation Program	N/A	Brownfields	N/A
Construction Demolition Waste	N/A	Institutional Controls	N/A
Solid Waste Landfill	N/A	NPDES Facilities	1
Infectious/Medical Waste Sites	N/A	NPDES Pipe Locations	N/A
Leaking Underground Storage (LUST) Sites	N/A	Notice of Contamination Sites	N/A

Explanation:

UST Sites: There is one (1) Underground Storage Tank site mapped within 0.5 mile. The Family Express site, 9521 E 37th Avenue, Hobart, IN 46342, AI# 20867, is adjacent to the project area on the west side of County Line Road at the northern project terminus. IDEM conducted an Underground Storage Tank Inspection on December 3, 2018, and the facility was found to be in compliance with equipment, operating, and maintenance requirements set forth in Indiana's UST Rule 329 IAC 9. No impact is expected.

NPDES Facilities: There is One (1) NPDES facility mapped within the 0.5 mile search radius. The Twin Creeks Conservancy District MS4 facility is mapped approximately adjacent to the project area. However, this facility is mapped incorrectly. This facility is located near the intersection of Portage Avenue and Willow Creek Road, which is outside the 0.5 mile search radius. No impact is expected.

ECOLOGICAL INFORMATION SUMMARY

The Lake County and Porter County listings of the Indiana Natural Heritage Data Center information on endangered, threatened, or rare (ETR) species and high quality natural communities are attached with ETR species highlighted. A preliminary review of the Indiana Natural Heritage Database by INDOT Environmental Services did not indicate the presence of ETR species within the 0.5 mile search radius. Coordination with the United State Fish and Wildlife Service (USFWS) and IDNR will occur.

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

An inquiry using the USFWS Information for Planning and Consultation (IPaC) website did not indicate the presence of the federally endangered species, the Rusty Patched Bumble Bee, in or within 0.5 mile of the project area. No impact is expected.

RECOMMENDATIONS SECTION

INFRASTRUCTURE:

Religious Facilities: One (1) religious facility, Inland Manor Baptist Church, is located adjacent to the project area. Coordination with the Inland Manor Baptist Church will occur.

Airports: One (1) public airport, Hobart Sky Ranch, is located within 3.8 miles (20,000 feet) of the project area. Therefore, early coordination with INDOT aviation will occur.

Trails: One (1) trail segment, The Prairie Duneland Trail, overlaps the project area. Coordination with the Portage Department of Parks and Recreation will occur. Additionally, one (1) trail segment, Oak Savannah Trail is adjacent to the project area. Coordination with Lake County Parks and Recreation Department will occur.

WATER RESOURCES:

A Waters of the US Report is recommended and coordination with the appropriate agency, if applicable, will occur for the following features:

One (1) NWI-line overlaps the project area.

One (1) river and stream segment associated with an unnamed tributary to Duck Creek overlaps the project area.

URBANIZED AREA BOUNDARY:

Urbanized Area Boundary (UAB): The project is within the Chicago-Northwest Indiana urbanized area. Post construction Storm Water Quality Best Management Practices (BMPs) may need to be considered. An early coordination letter with topographic and aerial maps showing the project area should be sent to the Stormwater District / MS4 Coordinator at the, City of Hobart, 414 Main St., Hobart, IN 46342, the Porter County Stormwater Department at 155 Indiana Ave., Suite 311 Valparaiso, IN 46383, and the City of Portage MS4 Coordinator at 2301 Hamstrom Road, Portage, IN 46368.

MINING /MINERAL EXPLORATION: N/A

HAZMAT CONCERNS: N/A

ECOLOGICAL INFORMATION:

Coordination with USFWS and IDNR will occur. The range-wide programmatic consultation for the Indiana Bat and Northern Long-eared Bat will be completed according to “Using the USFWS’s IPaC System for Listed Bat Consultation for INDOT Projects”.

INDOT Environmental Services concurrence:

**Nicole Fohey-
Breting**

Digitally signed by Nicole Fohey-Breting
DN: cn=Nicole Fohey-Breting, o=INDOT,
ou=Environmental Services, HazMat,
email=NFoheyBreting@indot.in.gov, c=US
Date: 2019.02.11 13:38:47 -05'00'

(Signature)

Prepared by:
Elizabet Biggio
Architctural Historian II
Butler, Fairman and Seufert, Inc.

Graphics:

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

SITE LOCATION: YES

INFRASTRUCTURE: YES

WATER RESOURCES: YES

URBANIZED AREA BOUNDARY: YES

MINING/MINERAL EXPLORATION: N/A

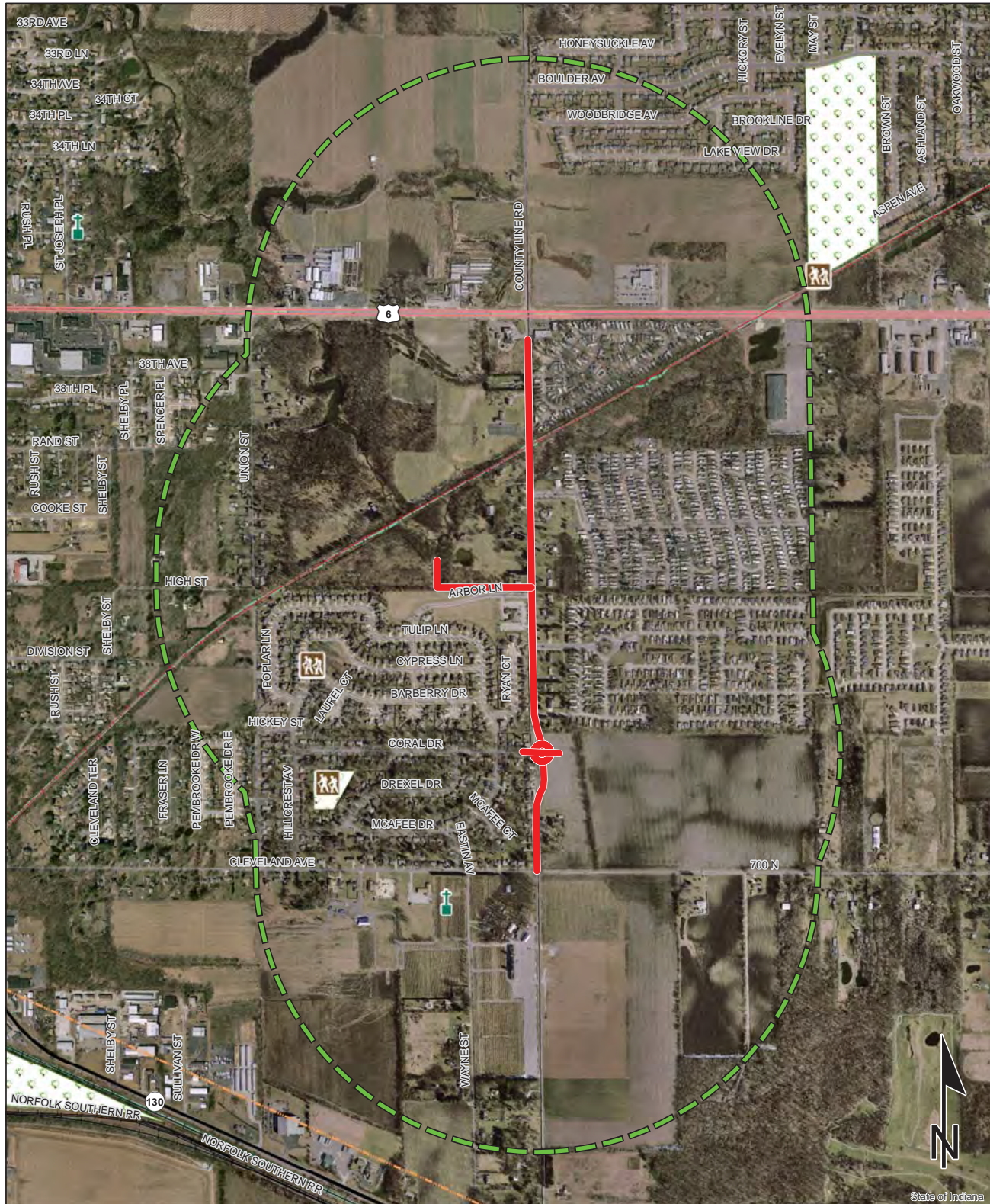
HAZMAT CONCERNS: YES

Red Flag Investigation - Infrastructure

County Line Road Reconstruction

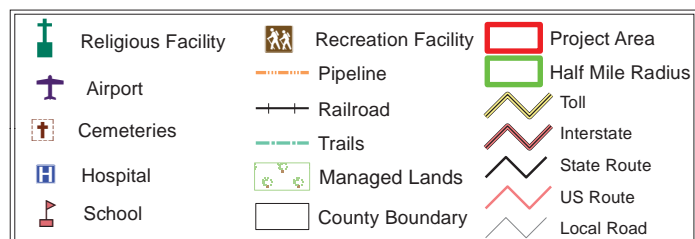
Hobart Township, Lake County and Portage Township, Porter County

Des. No. 1382598



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

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

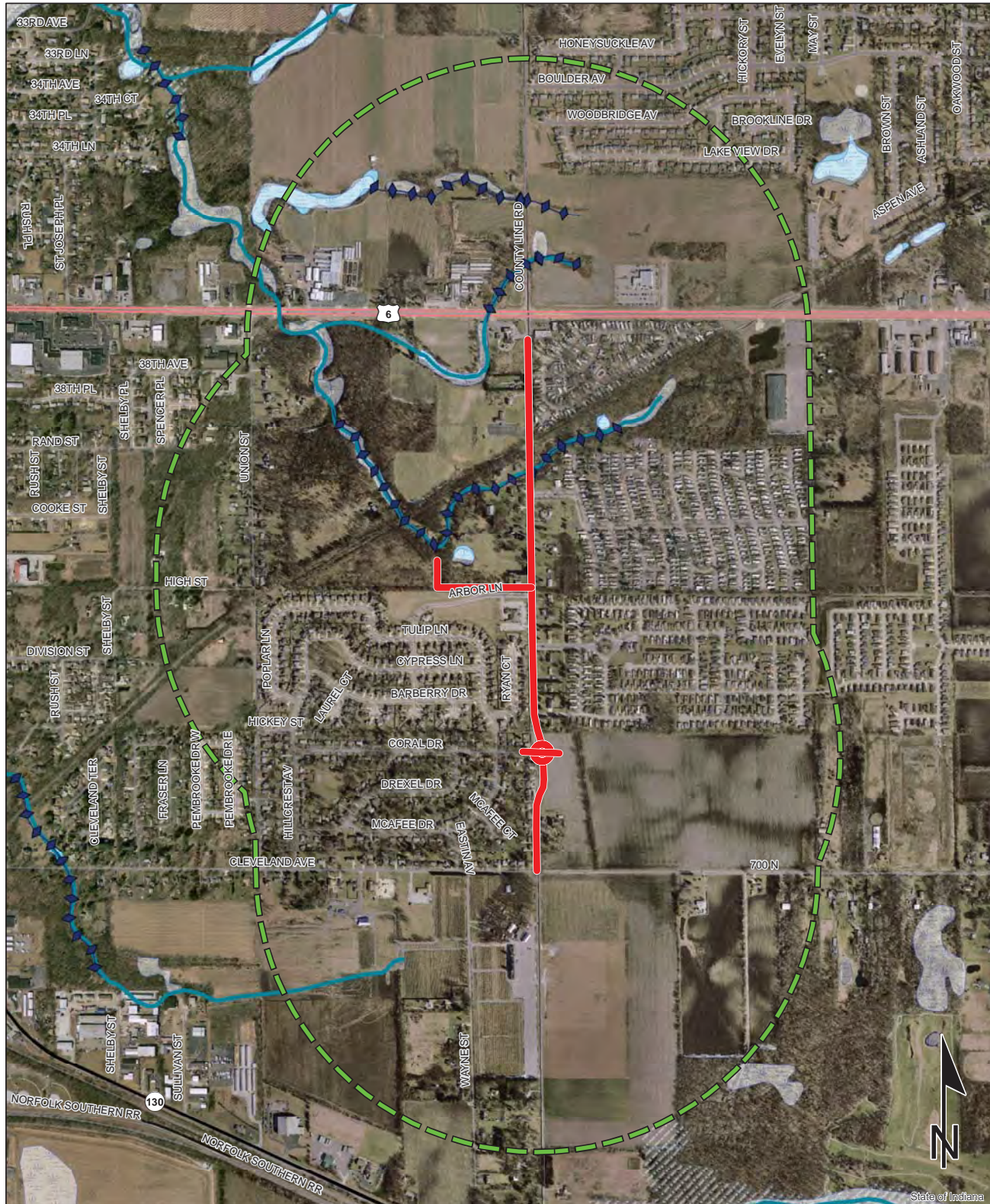


Red Flag Investigation - Water Resources

County Line Road Reconstruction

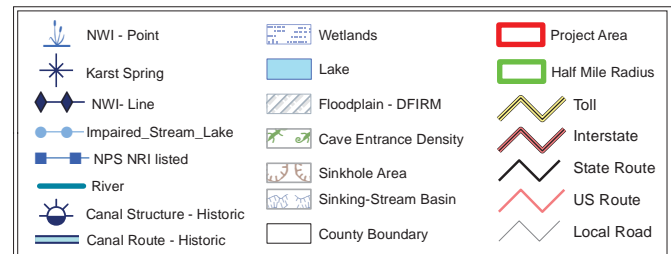
Hobart Township, Lake County and Portage Township, Porter County

Des. No. 1382598

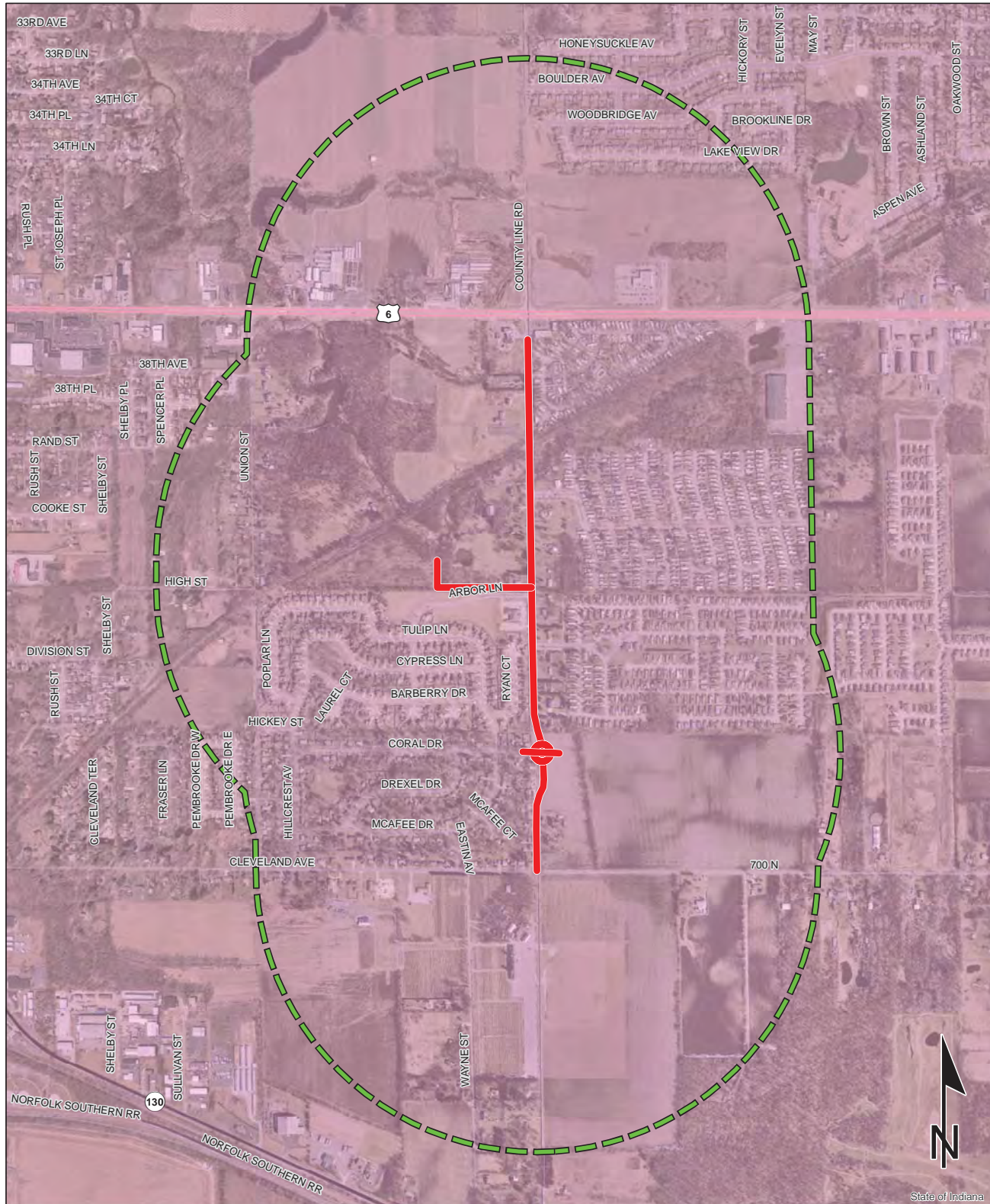


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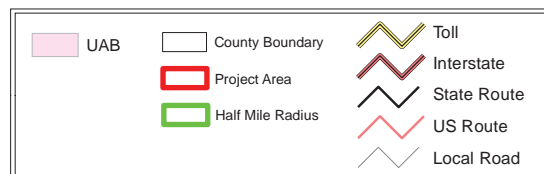
This map is intended to serve as an aid in graphic representation only. This information is not warranted for accuracy or other purposes.



Red Flag Investigation - Urbanized Area Boundary County Line Road Reconstruction Hobart Township, Lake County and Portage Township, Porter County Des. No. 1382598



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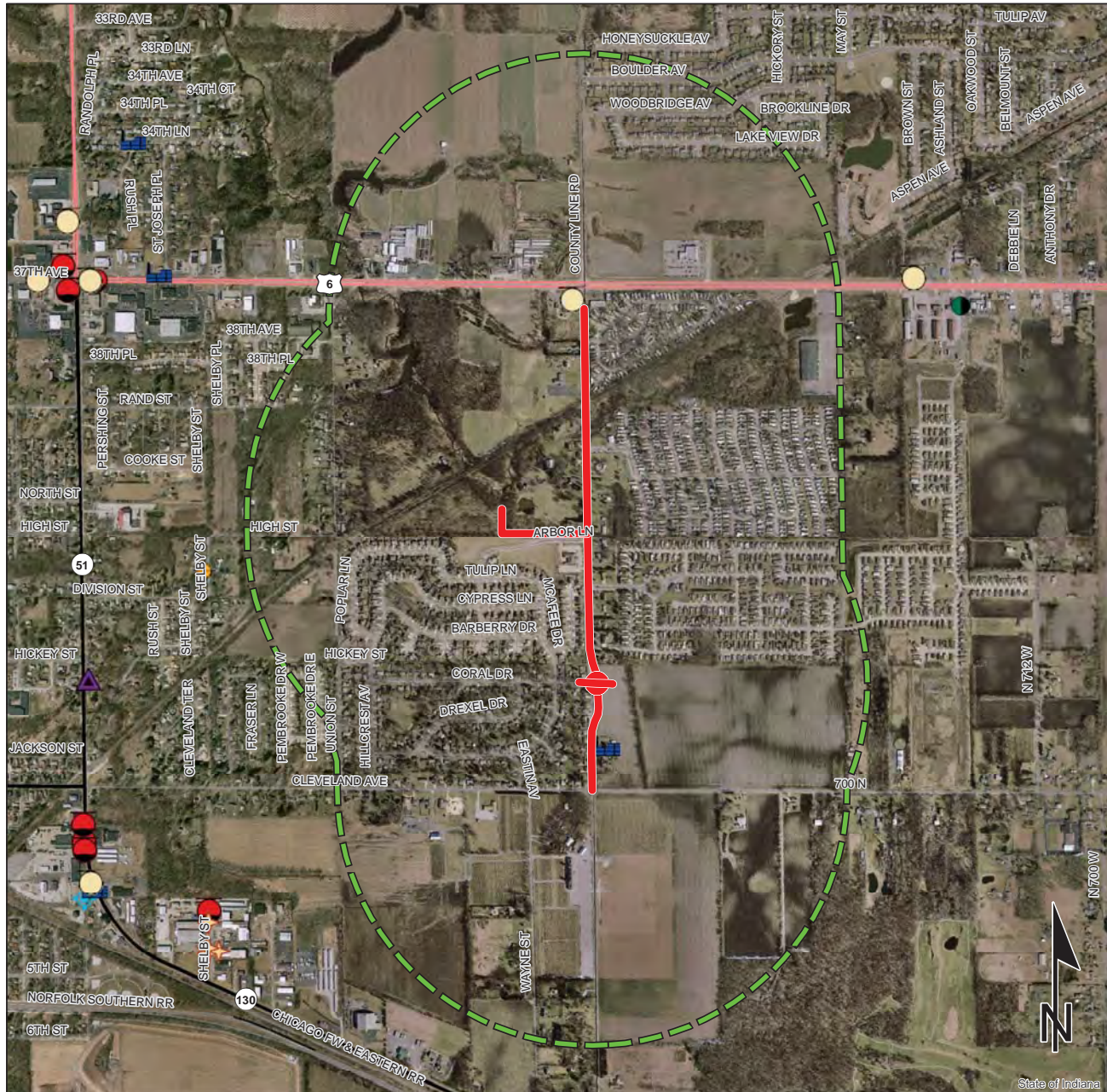


Red Flag Investigation - Hazardous Material Concerns

County Line Road Reconstruction

Hobart Township, Lake County and Portage Township, Porter County

Des. No. 1382598



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

0.25 0.125 0 0.25
Miles

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Indiana County Endangered, Threatened and Rare Species List

County: Lake

Species Name	Common Name	FED	STATE	GRANK	SRANK
Mollusk: Bivalvia (Mussels)					
Plethobasus cyphus	Sheepnose	LE	SE	G3	S1
Venustaconcha ellipsiformis	Ellipse		SSC	G4	S2
Insect: Coleoptera (Beetles)					
Nicrophorus americanus	American Burying Beetle	LE	SX	G2G3	SX
Insect: Homoptera					
Bruchomorpha dorsata			SR	GNR	S2
Bruchomorpha extensa	The Long-nosed Elephant Hopper		SR	GNR	S2S3
Bruchomorpha oculata			SR	GNR	SNR
Chlorotettix fallax	A Leafhopper		SR	GNR	S2
Cicadula straminea			ST	GNR	S2
Cosmotettix bilineatus	Two-lined cosmotettix		ST	GNR	S1S2
Dorydiella kansana			ST	GNR	S1
Flexamia pyrops	The Long-nose Three-awn Leafhopper		SR	GNR	S1S3
Flexamia reflexus	Indiangrass Flexamia		ST	GNR	S2S3
Graminella mohri			SR	GNR	SNR
Laevincephalus acus			SR	GNR	S2S3
Limotettix divaricatus			ST	GNR	SNR
Mesamia nigradorsum	A Leafhopper		SR	GNR	S2S3
Paraphilaenus parallelus	A Spittle Bug		ST	GNR	S1
Paraphlepsius lobatus			ST	GNR	S1S2
Paraphlepsius maculosus	Peppered Paraphlepsius Leafhopper		ST	GNR	S1
Philaenarcys killa	Great Lakes dune spittlebug		SR	GNR	S2S3
Polyamia caperata	Little Bluestem Polyamia		SR	GNR	SNR
Polyamia herbida	The Prairie Panic Grass Leafhopper		ST	GNR	S1S3
Prairiana kansana	The Kansas Prairie Leafhopper		SE	GNR	S1S2
Prosapia ignipectus	Red-legged Spittle Bug		SR	G4	S2
Insect: Hymenoptera					
Bombus affinis	Rusty-patched Bumble Bee	LE	SE	G1	S1
Dolichoderus plagiatus				G5	S2
Formica glacialis				G5	S2
Lasius flavus				G5	S2
Lasius minutus				GNR	S1
Lasius speculiventris				GNR	S1
Myrmica lobifrons				G5	S1
Solenopsis texana texana				GNRTNR	S1
Insect: Lepidoptera (Butterflies & Moths)					
Acronicta dactylina	Fingered Dagger Moth		SR	G5	SNR

Indiana Natural Heritage Data Center
Division of Nature Preserves
Indiana Department of Natural Resources
This data is not the result of comprehensive county surveys.

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Indiana County Endangered, Threatened and Rare Species List

County: Lake

Species Name	Common Name	FED	STATE	GRANK	SRANK
Acronicta funeralis	Funerary Dagger Moth		SR	G5	SNR
Aethes patricia			SE	G3G4	S1
Agrotis stigmata			ST	G4	S1S2
Agrotis vetusta	A Moth		SR	G5	S2
Ancylis semiovana			SR	GNR	S2S3
Anepia capsularis	The Starry Campion Capsule Moth		SR	G5	S1S2
Apamea burgessi	A Noctuid Moth		ST	G4	S1
Apamea indocilis	The spastic apamea			G5	S1S3
Apamea nigrior	Black-dashed Apamea		SR	G5	S2S3
Archanara laeta			ST	G4	S1S2
Atrytonopsis hianna	Dusted Skipper		ST	G4G5	S1S2
Boloria selene myrina	Silver-bordered Fritillary		ST	G5T5	S2
Capis curvata	A Noctuid Moth		ST	G5	S2S3
Catocala antinympha	The Sweet Fern Underwing		SE	G5	S1
Catocala gracilis	Graceful Underwing		SR	G5	S2S3
Catocala praeclara	Praeclara Underwing		SR	G5	S2S3
Chortodes enervata	The Many-lined Cordgrass Moth		ST	G4	S1
Chortodes inquinata	Tufted Sedge Moth		ST	GNR	S1S2
Coenochroa illibella	Dune Panic Grass Moth		SR	GNR	S2S3
Crambus bidens			SR	GNR	SNR
Crambus murellus	Prairie Sedge Moth		ST	GNR	S1
Croesia semipurpurana			SR	GNR	SNR
Cyclophora pendulinaria	Sweetfern Geometer		SR	G5	SNR
Cycnia inopinatus	The Unexpected Milkweed Moth		SR	G4	S2S3
Dichomeris aleatrix	Aleatrix dichomeris			GNR	S1S2
Erynnis lucilius	Columbine Duskywing		ST	G5	S1
Erynnis martialis	Mottled Duskywing		ST	G3	S2S3
Erynnis persius persius	Persius Duskywing		SE	G5T1T3	S1S2
Euchloe olympia	Olympia Marble		ST	G5	S2
Eucrotopocnemis fimbriaris	A Noctuid Moth		ST	G4	S1
Eucosma albiguttana			SR	GNR	SNR
Eucosma bilineana			SR	GNR	S1S2
Eucosma bipunctella	A Moth		SR	GNR	S1S2
Eucosma fulminana			SR	GNR	S1S2
Eucosma giganteana			SR	GNR	S1S2
Eucosma umbrastriana			SR	GNR	SNR
Euphydryas phaeton	Baltimore		SR	G5	S2
Euphyes bimacula	Two-spotted Skipper		ST	G4	S2
Euphyes dion	Dion Skipper		SR	G4	S2S3

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Indiana County Endangered, Threatened and Rare Species List

County: Lake

Species Name	Common Name	FED	STATE	GRANK	SRANK
Fagitana littera	The Marsh Fern Moth		ST	G4	S1S2
Faronta rubripennis	The Pine Streak		ST	G3G4	S1
Gabara subnivosella	A Noctuid Moth		SR	G4	S1S2
Glaucopsyche lygdamus couperi	Silvery Blue		SE	G5T5	S1
Grammia figurata	The Figured Grammia		SR	G5	S2S3
Grammia phyllira	The Sand Barrens Grammia		SR	G4	S2S3
Grammia virguncula			SR	G5	S1S2
Hadena ectypa	The Starry Campion Moth		ST	G3G4	S1S3
Hemaris gracilis	The Blueberry Clearwing Sphinx		SR	G3G4	S1S2
Hesperia leonardus	Leonard's Skipper		SR	G5	S2
Hesperia ottoe	Ottoe Skipper		SE	G3G4	S1
Hypenodes caducus	Large Hypenodes		SR	GNR	SNR
Hyperaeschra georgica	A Prominent Moth			G5	S2
Iodopepla u-album	A Noctuid Moth		SR	G5	S2
Lemmeria digitalis	A Noctuid Moth		SR	G4	S1S2
Lesmone detrahens	A Moth		SR	G5	S2
Leucania inermis	A Moth		SR	G5	S2S3
Leucania linia	Salt Marsh Wainscot		SR	GNR	S2
Leucania multilinea			SR	G5	S1S2
Loxagrotis acclivis	A Noctuid Moth		ST	G4G5	S2
Loxagrotis grotei	Grote's Black-tipped Quaker		ST	G4	S2
Lycaeides melissa samuelis	Karner Blue	LE	SE	G5T2	S1
Lycaena dione	Gray Copper			G5	S1
Lycaena helloides	Purplish Copper		SR	G5	S2S4
Lycaena xanthoides	Great Copper		SE	G4	S1
Macaria multilineata	Many-lined Angle		SR	G4	SNR
Macrochilo absorptalis	A Moth		SR	G4G5	S2S3
Macrochilo hypocritalis	A Noctuid Moth		SR	G4	S2
Macrochilo louisiana			ST	G4	S1S2
Melanomma auricinctaria	Huckleberry Eye-spot Moth		SR	G4	S2S3
Melipotis jucunda	A Noctuid Moth		SR	G5	S1S3
Meropleon ambifusum	Newman's Brocade		ST	G3G4	S1S2
Meropleon diversicolor	A Noctuid Moth		SR	G5	S2S3
Metanema determinata	Dark Metanema		SR	GNR	SNR
Metanema inatomaria	Pale Metanema		SR	G5	SNR
Metarranthis apiciaria	Barrens Metarranthis Moth		SE	G1G3	SH
Nola cilicoides			SR	G5	SNR
Notodonta scitipennis	A Notodontid Moth			G5	S1S2
Odontosia elegans	Elegant Prominent		SR	G5	S1S2
Oligia obtusa	A Noctuid Moth		SE	G4	S1

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Indiana County Endangered, Threatened and Rare Species List

County: Lake

Species Name	Common Name	FED	STATE	GRANK	SRANK
<i>Oncocnemis riparia</i>	The Dune Oncocnemis Moth		ST	G4	S1S2
<i>Pangrapta decoralis</i>	The Multicolored Huckleberry Moth		ST	G5	S2
<i>Papaipema beeriana</i>	Beer's Blazing Star Borer Moth		ST	G2G3	S1S3
<i>Papaipema cerina</i>	Golden Borer Moth		ST	G2G4	S1
<i>Papaipema leucostigma</i>	Columbine Borer		ST	G4G5	S1S2
<i>Papaipema lysimachiae</i>	The St. John'Swort Borer Moth		SR	G4G5	S1S3
<i>Papaipema maritima</i>	The Giant Sunflower Borer Moth		ST	G3	S2
<i>Papaipema pterisii</i>	Bracken Borer Moth		WL	G5	SNR
<i>Papaipema rigida</i>	A Borer Moth		SR	G4G5	S2S3
<i>Papaipema sciata</i>	The Culver's Root Borer		ST	G3	S1S2
<i>Papaipema silphii</i>	Silphium Borer Moth		ST	G3G4	S2
<i>Papaipema speciosissima</i>	The Royal Fern Borer Moth		ST	G4	S2S3
<i>Parasa indetermina</i>	A Moth		SR	G4	S1S2
<i>Peoria gemmatella</i>	Gemmed Cordgrass Borer		SR	GNR	S1
<i>Peoria tetradella</i>			SR	GNR	SNR
<i>Phaneta ochroterminana</i>			SR	GNR	SNR
<i>Phaneta olivaceana</i>			SR	GNR	S1S2
<i>Phaneta striatana</i>			SR	GNR	SNR
<i>Phytometra ernestiana</i>	Ernestine's Moth		SE	G4	S1
<i>Platyperigea meralis</i>	The Rare Sand Quaker		ST	G5	S2
<i>Poanes massasoit</i>	Mulberry Wing Skipper		SR	G4	S3
<i>Poanes viator viator</i>	Big Broad-winged Skipper		ST	G5T4	S2
<i>Polites mystic</i>	Long Dash Skipper		SR	G5	S4
<i>Polygonia progne</i>	Gray Comma		SR	G5	S2
<i>Problema byssus</i>	Bunchgrass Skipper		ST	G3G4	S2
<i>Protorthodes incincta</i>	Saturn quaker		SR	GNR	S2
<i>Pygarcia spraguei</i>	Sprague's Pygarcia		SR	G5	S1S2
<i>Pyrausta laticlavata</i>	The Southern Purple Mint Moth		SR	GNR	S1S2
<i>Pyrrhia aurantiago</i>	False-foxglove Sun Moth		ST	G3G4	S1S2
<i>Resapamea stipata</i>	The Four-lined Cordgrass Borer		SE	G4	S1
<i>Satyrodes eurydice</i>	Eyed Brown		SR	G5	S2S3
<i>Schinia indiana</i>	Phlox Moth		SE	G2G4	S1
<i>Schinia sanguinea</i>	Bleeding Flower Moth			G4	S2S3
<i>Schinia septentrionalis</i>	A Noctuid Moth		SR	G3G4	S2S3
<i>Scirpophaga perstrialis</i>			SR	GNR	SNR
<i>Semiothisa eremiata</i>	The Goat's Rue Looper		SR	G4	S2S3
<i>Semiothisa mellistrigata</i>	A Geometrid Moth		SR	G5	SNR
<i>Sitochroa dasconalis</i>	Pearly Indigo Borer		ST	GNR	S1S2
<i>Spartiniphaga includens</i>	The Included Cordgrass Borer		ST	G4	S1

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Indiana County Endangered, Threatened and Rare Species List

County: Lake

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Spartiniphaga inops	Spartina Borer Moth		SR	G3G4	S2S3
Spartiniphaga panatela	Northern Cordgrass Borer		ST	GNR	S1
Speyeria aphrodite	Aphrodite Fritillary		WL	G5	S3
Speyeria idalia	Regal Fritillary	C	SE	G3	S1
Sphinx luscitiosa	The Luscious Willow Sphinx		SR	G4G5	S1S2
Spilosoma latipennis	The Red-legged Tussock Moth		SR	G4	S2S3
Tarachidia binocula	Prairie tarachidia			GNR	S1S2
Thorybes pylades	Northern Cloudywing		SR	G5	S2S3
Tricholita notata	Marked Noctuid		ST	G5	S1S2
Trichosilia manifesta	The Record Keeper Moth		SR	G4	S3S4
Zomaria interruptolineana	Broken-lined Zomaria		SR	GNR	SNR
Insect: Odonata (Dragonflies & Damselflies)					
Somatochlora hineana	Hine's Emerald	LE	SX	G2G3	SX
Sympetrum semicinctum	Band-winged Meadowhawk		SR	G5	S2S3
Insect: Orthoptera					
Chloealtis conspersa	Sprinkled Locust		SR	G5	S2S3
Conocephalus saltans	Prairie Meadow Katydid		SR	G5	S1S2
Hesperotettix viridis pratensis	A Grasshopper		SR	G5T5	S1S2
Melanoplus fasciatus	Huckleberry Spur-throat Grasshopper		SR	G5	S2
Melanoplus keeleri luridus	Keeler's Spur-throated Grasshopper		SR	G5T5	S1S2
Neoconocephalus nebrascensis	Nebraska Conehead		SR	GNR	S1S2
Orphulella pelidna	Spotted-wing Grasshopper		SR	G5	S1S2
Pardalophora phoenicoptera	Orange-winged Grasshopper		SR	G5	S1S2
Paroxya atlantica	A Grasshopper		ST	GU	S1S2
Phoetaliotes nebrascensis	Large-headed Grasshopper		ST	G5	S1
Psinidia fenestralis	Sand Locust		SR	G5	S1S2
Trimerotropis maritima	Seaside Grasshopper		ST	G5	S2
Fish					
Acipenser fulvescens	Lake Sturgeon		SE	G3G4	S1
Amphibian					
Acris blanchardi	Northern Cricket Frog		SSC	G5	S4
Ambystoma laterale	Blue-spotted Salamander		SSC	G5	S2
Lithobates pipiens	Northern Leopard Frog		SSC	G5	S2
Necturus maculosus	Common mudpuppy		SSC	G5	S2
Reptile					
Clemmys guttata	Spotted Turtle	C	SE	G5	S2
Clonophis kirtlandii	Kirtland's Snake	C	SE	G2	S2
Emydoidea blandingii	Blanding's Turtle	C	SE	G4	S2

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Indiana County Endangered, Threatened and Rare Species List

County: Lake

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Opheodrys vernalis	Smooth Green Snake		SE	G5	S2
Sistrurus catenatus catenatus	Eastern Massasauga	LT	SE	G3	S2
Terrapene ornata ornata	Ornate Box Turtle		SE	G5T5	S1
Thamnophis proximus proximus	Western Ribbon Snake		SSC	G5T5	S3
Bird					
Ammodramus henslowii	Henslow's Sparrow		SE	G4	S3B
Anas clypeata	Northern Shoveler			G5	SHB
Ardea alba	Great Egret		SSC	G5	S1B
Bartramia longicauda	Upland Sandpiper		SE	G5	S3B
Botaurus lentiginosus	American Bittern		SE	G5	S2B
Buteo lineatus	Red-shouldered Hawk		SSC	G5	S3
Certhia americana	Brown Creeper			G5	S2B
Charadrius melodus	Piping Plover	LE	SE	G3	SXB
Chlidonias niger	Black Tern		SE	G4G5	S1B
Cistothorus palustris	Marsh Wren		SE	G5	S3B
Cistothorus platensis	Sedge Wren		SE	G5	S3B
Cygnus buccinator	Trumpeter Swan		SE	G4	S1B
Euphagus cyanocephalus	Brewer's Blackbird			G5	SHB,S1N
Falco peregrinus	Peregrine Falcon		SSC	G4	S2B
Gallinula galeata	Common gallinule		SE	G5	S3B
Grus canadensis	Sandhill Crane		SSC	G5	S2B,S1N
Haliaeetus leucocephalus	Bald Eagle		SSC	G5	S2
Hydroprogne caspia	Caspian Tern			G5	S1B
Ixobrychus exilis	Least Bittern		SE	G5	S3B
Lanius ludovicianus	Loggerhead Shrike		SE	G4	S3B
Laterallus jamaicensis	Black Rail		SE	G3G4	SHB
Nyctanassa violacea	Yellow-crowned Night-heron		SE	G5	S2B
Nycticorax nycticorax	Black-crowned Night-heron		SE	G5	S1B
Pandion haliaetus	Osprey		SE	G5	S1B
Phalaropus tricolor	Wilson's Phalarope		SSC	G5	SHB
Rallus elegans	King Rail		SE	G4	S1B
Rallus limicola	Virginia Rail		SE	G5	S3B
Tyto alba	Barn Owl		SE	G5	S2
Xanthocephalus xanthocephalus	Yellow-headed Blackbird		SE	G5	S1B
Mammal					
Lasiurus borealis	Eastern Red Bat		SSC	G3G4	S4
Lasiurus cinereus	Hoary Bat		SSC	G3G4	S4
Myotis septentrionalis	Northern Long Eared Bat	LT	SSC	G1G2	S2S3
Reithrodontomys megalotis	Western Harvest Mouse			G5	S2
Spermophilus franklinii	Franklin's Ground Squirrel		SE	G5	S2

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<i>Taxidea taxus</i>	American Badger		SSC	G5	S2
Vascular Plant					
<i>Agalinis auriculata</i>	Earleaf Foxglove		ST	G3	S1
<i>Agalinis skinneriana</i>	Pale False Foxglove		ST	G3G4	S1
<i>Alnus incana</i> ssp. <i>rugosa</i>	Speckled Alder		WL	G5T5	S3
<i>Amelanchier humilis</i>	Running Serviceberry		SE	G5	S1
<i>Androsace occidentalis</i>	Western Rockjasmine		ST	G5	S2
<i>Aralia hispida</i>	Bristly Sarsaparilla		SE	G5	S1
<i>Arctostaphylos uva-ursi</i>	Bearberry		SR	G5	S2
<i>Arethusa bulbosa</i>	Swamp-pink		SX	G5	SX
<i>Aristida intermedia</i>	Slim-spike Three-awn Grass		SR	GNR	S2
<i>Aristida tuberculosa</i>	Seabeach Needlegrass		SR	G5	S2
<i>Armoracia aquatica</i>	Lake Cress		SE	G4?	S1
<i>Asclepias meadii</i>	Mead's Milkweed	LT	SRE	G2	SX
<i>Aureolaria grandiflora</i> var. <i>pulchra</i>	Large-flower False-foxglove		SX	G4G5T4T5	SX
<i>Baptisia tinctoria</i>	Yellow Wild-indigo		WL	G5	S3
<i>Betula papyrifera</i>	Paper Birch		WL	G5	S3
<i>Betula populifolia</i>	Gray Birch		SE	G5	S1
<i>Bidens beckii</i>	Beck Water-marigold		ST	G5	S1
<i>Botrychium matricariifolium</i>	Chamomile Grape-fern		SR	G5	S2
<i>Botrychium simplex</i>	Least Grape-fern		SE	G5	S1
<i>Buchnera americana</i>	Bluehearts		SE	G5?	S1
<i>Calopogon oklahomensis</i>	Oklahoma grass-pink		SE	G3	SH
<i>Carex aurea</i>	Golden-fruited Sedge		SR	G5	S2
<i>Carex bebbii</i>	Bebb's Sedge		ST	G5	S2
<i>Carex brunnescens</i>	Brownish Sedge		SE	G5	S1
<i>Carex conoidea</i>	Prairie Gray Sedge		ST	G5	S1
<i>Carex crawei</i>	Crawe Sedge		ST	G5	S2
<i>Carex cumulata</i>	Clustered Sedge		SE	G4G5	S1
<i>Carex eburnea</i>	Ebony Sedge		SR	G5	S2
<i>Carex echinata</i>	Little Prickly Sedge		SE	G5	S1
<i>Carex garberi</i>	Elk Sedge		ST	G5	S2
<i>Carex limosa</i>	Mud Sedge		SE	G5	S1
<i>Carex richardsonii</i>	Richardson Sedge		ST	G5	S1
<i>Carex seorsa</i>	Weak Stellate Sedge		SR	G5	S2
<i>Carex straminea</i>	Straw Sedge		ST	G5	S2
<i>Carex trichocarpa</i>	Hairy-fruit Sedge		WL	G4	S3
<i>Catalpa speciosa</i>	Northern Catalpa		SR	G4?	S2
<i>Ceanothus herbaceus</i>	Prairie Redroot		SE	G5	S1
<i>Cirsium hillii</i>	Hill's Thistle		SE	G3	S1

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<i>Cirsium pitcheri</i>	Dune Thistle	LT	ST	G2G3	S2
<i>Clintonia borealis</i>	Clinton Lily		SE	G5	S1
<i>Coeloglossum viride</i> var. <i>virescens</i>	Long-bract Green Orchis		ST	G5T5	S2
<i>Cornus amomum</i> ssp. <i>amomum</i>	Silky Dogwood		SE	G5T5	S1
<i>Cornus canadensis</i>	Bunchberry		SE	G5	S1
<i>Cornus rugosa</i>	Roundleaf Dogwood		SR	G5	S2
<i>Corydalis sempervirens</i>	Pale Corydalis		ST	G5	S1
<i>Cyperus dentatus</i>	Toothed Sedge		SE	G4	S1
<i>Cypripedium calceolus</i> var. <i>parviflorum</i>	Small Yellow Lady's-slipper		SR	G5	S2
<i>Cypripedium candidum</i>	Small White Lady's-slipper		WL	G4	S2
<i>Dichanthelium boreale</i>	Northern Witchgrass		SR	G5	S2
<i>Dichanthelium sabulorum</i> var. <i>thinium</i>	Hemlock Panic-grass		SR	G5T5	S2
<i>Diervilla lonicera</i>	Northern Bush-honeysuckle		SR	G5	S2
<i>Drosera intermedia</i>	Spoon-leaved Sundew		SR	G5	S2
<i>Eleocharis geniculata</i>	Capitate Spike-rush		ST	G5	S2
<i>Eleocharis melanocarpa</i>	Black-fruited Spike-rush		ST	G4	S2
<i>Eleocharis wolfii</i>	Wolf Spikerush		SR	G3G5	S2
<i>Epigaea repens</i>	Trailing Arbutus		WL	G5	S3
<i>Epilobium angustifolium</i>	Fireweed		SE	G5	S1
<i>Epilobium ciliatum</i>	Hairy Willow-herb		SX	G5	SX
<i>Equisetum variegatum</i>	Variegated Horsetail		SE	G5	S1
<i>Eriophorum angustifolium</i>	Narrow-leaved Cotton-grass		SR	G5	S2
<i>Eriophorum gracile</i>	Slender Cotton-grass		ST	G5	S2
<i>Eurybia furcata</i>	Forked Aster		SR	G3	S2
<i>Fimbristylis puberula</i>	Carolina Fimbry		SE	G5	S1
<i>Gentiana alba</i>	Yellow Gentian		SR	G4	S2
<i>Gentiana puberulenta</i>	Downy Gentian		ST	G4G5	S2
<i>Geranium bicknellii</i>	Bicknell Northern Crane's-bill		SE	G5	S1
<i>Glyceria borealis</i>	Small Floating Manna-grass		SE	G5	S1
<i>Hemicarpha drummondii</i>	Drummond Hemicarpha		SE	G4G5	S1
<i>Hudsonia tomentosa</i>	Sand-heather		ST	G5	S2
<i>Hydrastis canadensis</i>	Golden Seal		WL	G3G4	S3
<i>Hypericum adpressum</i>	Creeping St. John's-wort		SE	G3	S1
<i>Hypericum kalmianum</i>	Kalm St. John's-wort		WL	G4	S3
<i>Juglans cinerea</i>	Butternut		WL	G4	S3
<i>Juncus articulatus</i>	Jointed Rush		SE	G5	S1
<i>Juncus balticus</i> var. <i>littoralis</i>	Baltic Rush		SR	G5T5	S2
<i>Juncus pelocarpus</i>	Brown-fruited Rush		SE	G5	S2
<i>Juncus scirpoides</i>	Scirpus-like Rush		ST	G5	S2
<i>Juniperus communis</i>	Ground Juniper		SR	G5	S2

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Lathyrus maritimus var. glaber	Beach Peavine		SE	G5T4T5	S1
Lathyrus venosus	Smooth Veiny Pea		ST	G5	S2
Lechea stricta	Upright Pinweed		SX	G4?	SX
Liatris pycnostachya	Cattail Gay-feather		ST	G5	S2
Linnaea borealis	Twinflower		SX	G5	SX
Linum sulcatum	Grooved Yellow Flax		SR	G5	S2
Liparis loeselii	Loesel's Twayblade		WL	G5	S3
Ludwigia spphaerocarpa	Globe-fruited False-loosestrife		SE	G5	S1
Lycopodiella inundata	Northern Bog Clubmoss		SE	G5	S1
Malaxis unifolia	Green Adder's-mouth Orchid		SE	G5	S1
Matteuccia struthiopteris	Ostrich Fern		SR	G5	S2
Melampyrum lineare	American Cow-wheat		SR	G5	S2
Mikania scandens	Climbing Hempweed		SE	G5	S1
Minuartia michauxii var. michauxii	Michaux's Stitchwort		SR	G5T5	S2
Myosotis laxa	Smaller Forget-me-not		ST	G5	S1
Myriophyllum verticillatum	Whorled Water-milfoil		SR	G5	S2
Oenothera perennis	Small Sundrops		SR	G5	S2
Oligoneuron album	Prairie Goldenrod		SR	G5	S2
Orobanche fasciculata	Clustered Broomrape		SE	G4G5	S1
Orthilia secunda	One-sided Wintergreen		SX	G5	SX
Panax quinquefolius	American Ginseng		WL	G3G4	S3
Panicum leibergii	Leiberg's Witchgrass		ST	G4	S2
Perideridia americana	Eastern Eulophus		SE	G4	S1
Pinus banksiana	Jack Pine		SR	G5	S2
Pinus strobus	Eastern White Pine		SR	G5	S2
Plantago cordata	Heart-leaved Plantain		SE	G4	S1
Platanthera ciliaris	Yellow-fringe Orchis		SE	G5	S1
Platanthera flava var. herbiola	Pale Green Orchis		WL	G4?T4Q	S3
Platanthera hookeri	Hooker Orchis		SX	G4	SX
Platanthera hyperborea	Leafy Northern Green Orchis		ST	G5	S2
Platanthera lacera	Green-fringe Orchis		WL	G5	S3
Platanthera leucophaea	Prairie White-fringed Orchid	LT	SE	G2G3	S1
Platanthera psycodes	Small Purple-fringe Orchis		SR	G5	S2
Polygonella articulata	Eastern Jointweed		SR	G5	S2
Polygonum careyi	Carey's Smartweed		ST	G4	S2
Polytaenia nuttallii	Prairie Parsley		SE	G5	S1
Populus balsamifera	Balsam Poplar		SE	G5	S1
Potamogeton pulcher	Spotted Pondweed		SE	G5	S1
Potamogeton pusillus	Slender Pondweed		WL	G5	S2
Potamogeton richardsonii	Redheadgrass		SR	G5	S2

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Potamogeton robbinsii	Flatleaf Pondweed		SR	G5	S2
Potamogeton strictifolius	Straight-leaf Pondweed		ST	G5	S1
Potentilla anserina	Silverweed		ST	G5	S2
Prenanthes aspera	Rough Rattlesnake-root		SR	G4?	S2
Prunus pensylvanica	Fire Cherry		SR	G5	S2
Pyrola americana	American Wintergreen		SR	G5	S2
Rhus aromatica var. arenaria	Beach Sumac		SR	G5T3Q	S2
Rhynchospora macrostachya	Tall Beaked-rush		SR	G4	S2
Rhynchospora recognita	Globe Beaked-rush		SE	G5?	S1
Rhynchospora scirpoides	Long-beaked Baldrush		ST	G4	S2
Rubus enslenii	Southern Dewberry		SE	G4G5Q	S1
Rubus setosus	Small Bristleberry		SE	G5	S1
Salix cordata	Heartleaf Willow		ST	G4	S2
Satureja glabella var. angustifolia	Calamint		SE	G5	S1
Schoenoplectus hallii	Hall's Bulrush	C	SE	G2G3	S1
Schoenoplectus smithii	Smith's Bulrush		SE	G5?	S1
Schoenoplectus torreyi	Torrey's Bulrush		SE	G5?	S1
Scirpus subterminalis	Water Bulrush		SR	G5	S2
Scleria reticularis	Reticulated Nutrush		ST	G4	S2
Selaginella apoda	Meadow Spike-moss		WL	G5	S1
Selaginella rupestris	Ledge Spike-moss		ST	G5	S2
Shepherdia canadensis	Canada Buffalo-berry		SX	G5	SX
Sisyrinchium montanum	Strict Blue-eyed-grass		SE	G5	S1
Solidago simplex var. gillmanii	Sticky Goldenrod		ST	G5T3?	S2
Spiranthes lucida	Shining Ladies'-tresses		SR	G4	S2
Spiranthes magnicamporum	Great Plains Ladies'-tresses		SE	G3G4	S1
Spiranthes ovalis	Lesser Ladies'-tresses		WL	G5?	S3
Strophostyles leiosperma	Slick-seed Wild-bean		ST	G5	S2
Styrax americanus	American Snowbell		WL	G5	S3
Symphyotrichum boreale	Rushlike Aster		SR	G5	S2
Symphyotrichum sericeum	Western Silvery Aster		SR	G5	S2
Talinum rugospermum	Prairie Fame-flower		ST	G3G4	S2
Thuja occidentalis	Northern White Cedar		SE	G5	S1
Tofieldia glutinosa	False Asphodel		SR	G5	S2
Trichostema dichotomum	Forked Bluecurl		SR	G5	S2
Triglochin palustris	Marsh Arrow-grass		SR	G5	S2
Utricularia cornuta	Horned Bladderwort		ST	G5	S2
Utricularia intermedia	Flatleaf Bladderwort		WL	G5	S3
Utricularia minor	Lesser Bladderwort		ST	G5	S1
Utricularia purpurea	Purple Bladderwort		SR	G5	S2

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Utricularia resupinata	Northeastern Bladderwort		SE	G4	S1
Utricularia subulata	Zigzag Bladderwort		ST	G5	S2
Vaccinium myrtilloides	Velvetleaf Blueberry		SE	G5	S1
Valerianella chenopodiifolia	Goose-foot Corn-salad		SE	G4	S1
Viburnum opulus var. americanum	Highbush-cranberry		SE	G5T5	S1
Viola pedatifida	Prairie Violet		ST	G5	S2
Zannichellia palustris	Horned Pondweed		SR	G5	S2
High Quality Natural Community					
Forest - floodplain wet	Wet Floodplain Forest		SG	G3?	S3
Forest - floodplain wet-mesic	Wet-mesic Floodplain Forest		SG	G3?	S3
Forest - upland dry Northwestern Morainal	Northwestern Morainal Dry Upland Forest			GNR	S1
Forest - upland dry-mesic Northwestern Morainal	Northwestern Morainal Dry-mesic Upland Forest			GNR	S1
Forest - upland mesic Northwestern Morainal	Northwestern Morainal Mesic Upland Forest			GNR	S1
Lake - pond	Pond		SG	GNR	SNR
Prairie - dry-mesic	Dry-mesic Prairie		SG	G3	S2
Prairie - mesic	Mesic Prairie		SG	G2	S2
Prairie - sand dry	Dry Sand Prairie		SG	G3	S2
Prairie - sand dry-mesic	Dry-mesic Sand Prairie		SG	G3	S3
Prairie - sand mesic	Mesic Sand Prairie		SG	GNR	SNR
Prairie - sand wet	Wet Sand Prairie		SG	G3	S3
Prairie - sand wet-mesic	Wet-mesic Sand Prairie		SG	G1?	S2
Prairie - wet	Wet Prairie		SG	G3	S1
Primary - dune lake	Foredune		SG	G3	S1
Savanna - mesic	Mesic Savanna		SG	GNR	SNR
Savanna - sand dry	Dry Sand Savanna		SG	G2?	S2
Savanna - sand dry-mesic	Dry-mesic Sand Savanna		SG	G2?	S2S3
Savanna - sand mesic	Mesic Sand Savanna		SG	GNR	SNR
Wetland - fen	Fen		SG	G3	S3
Wetland - marsh	Marsh		SG	GU	S4
Wetland - meadow sedge	Sedge Meadow		SG	G3?	S1
Wetland - panne	Panne		SG	G2	S1
Wetland - swamp shrub	Shrub Swamp		SG	GU	S2
Other Significant Feature					
Migratory Bird Concentration Area	Migratory Bird Concentration Site		SG	G3	SNR

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Indiana County Endangered, Threatened and Rare Species List

County: korter

Species Name	Common Name	FED	STATE	GRANK	SRANK
Mollusca: Vivalia MusselsH					
Plethobasus cyphus	Sheepnose	LE	SE	G3	S1
Venustaconcha ellipsiformis	Ellipse		SSC	G4	S2
Insect: Coleoptera BeetlesH					
Nicrophorus americanus	American Burying Beetle	LE	SX	G2G3	SX
Insect: Diptera					
Mydas tibialis	Golden Legged Mydas Fly		ST	GNR	S1S2
Insect: Homoptera					
Bruchomorpha dorsata			SR	GNR	S2
Bruchomorpha oculata			SR	GNR	SNR
Chlorotettix fallax	A Leafhopper		SR	GNR	S2
Cosmotettix bilineatus	Two-lined cosmotettix		ST	GNR	S1S2
Flexamia pyrops	The Long-nose Three-awn Leafhopper		SR	GNR	S1S3
Flexamia reflexus	Indiangrass Flexamia		ST	GNR	S2S3
Graminella mohri			SR	GNR	SNR
Mesamia nigradorsum	A Leafhopper		SR	GNR	S2S3
Mesamia stramineus	Helianthus Leafhopper		SE	GNR	S1
Philaenarcys killa	Great Lakes dune spittlebug		SR	GNR	S2S3
Polyamia caperata	Little Bluestem Polyamia		SR	GNR	SNR
Polyamia herbida	The Prairie Panic Grass Leafhopper		ST	GNR	S1S3
Polyamia obtectus	Sand Panic Grass Leafhopper		SR	GNR	S2S3
Prairiana kansana	The Kansas Prairie Leafhopper		SE	GNR	S1S2
Prosapia ignipectus	Red-legged Spittle Bug		SR	G4	S2
Insect: Lepidoptera Butterflies & MothsH					
Achalarus lyciades	Hoary Edge Skipper		SR	G5	S2S3
Aethes patricia			SE	G3G4	S1
Agrotis stigmosa			ST	G4	S1S2
Agrotis vetusta	A Moth		SR	G5	S2
Amblyscirtes vialis	Common Roadside-skipper		SR	G5	S3
Ancylis semiovana			SR	GNR	S2S3
Anepia capsularis	The Starry Campion Capsule Moth		SR	G5	S1S2
Apamea burgessi	A Noctuid Moth		ST	G4	S1
Apamea indocilis	The spastic apamea			G5	S1S3
Apamea lutosa	Opalescent Apamea		SE	GNR	S1
Apamea nigrior	Black-dashed Apamea		SR	G5	S2S3
Apamea relicina	A Noctuid Moth		ST	G4	S1S2
Atrytonopsis hianna	Dusted Skipper		ST	G4G5	S1S2
Boloria selene myrina	Silver-bordered Fritillary		ST	G5T5	S2

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Boloria selene nebraskensis	The Nebraska Silver Bordered Fritillary		SE	G5T3T4	S1
Callophrys irus	Frosted Elfin	C	SE	G3	S1
Callophrys polios	Hoary Elfin		SE	G5	S1
Capis curvata	A Noctuid Moth		ST	G5	S2S3
Catocala gracilis	Graceful Underwing		SR	G5	S2S3
Catocala praeclara	Praeclara Underwing		SR	G5	S2S3
Chortodes enervata	The Many-lined Cordgrass Moth		ST	G4	S1
Chrysanympha formosa	The Huckleberry Looper Moth		SR	G5	S1S3
Coenochroa bipunctella	Sand Dune Panic Grass Moth		SR	GNR	S2S3
Coenochroa illibella	Dune Panic Grass Moth		SR	GNR	S2S3
Crambus bidens			SR	GNR	SNR
Crambus girardellus	Orange-striped Sedge Moth		SR	GNR	S2S3
Croesia curvalana			SR	GNR	SNR
Croesia semipurpurana			SR	GNR	SNR
Cyclophora pendulinaria	Sweetfern Geometer		SR	G5	SNR
Cycnia inopinatus	The Unexpected Milkweed Moth		SR	G4	S2S3
Erynnis martialis	Mottled Duskywing		ST	G3	S2S3
Erynnis persius persius	Persius Duskywing		SE	G5T1T3	S1S2
Eubaphe meridiana	AMoth		SR	G4	S2
Euchloe olympia	Olympia Marble		ST	G5	S2
Eucrotopocnemis fimbriaris	A Noctuid Moth		ST	G4	S1
Euphydryas phaeton	Baltimore		SR	G5	S2
Euphyes bimacula	Two-spotted Skipper		ST	G4	S2
Euphyes dion	Dion Skipper		SR	G4	S2S3
Euxoa albipennis	White-striped Dart		SR	G4G5	S1S3
Euxoa aurulenta	Dune Cutworm		ST	G5	S2
Fagitana littera	The Marsh Fern Moth		ST	G4	S1S2
Faronta rubripennis	The Pine Streak		ST	G3G4	S1
Grammia anna	Anna's tiger moth		SR	G5	S2S3
Grammia figurata	The Figured Grammia		SR	G5	S2S3
Grammia phyllira	The Sand Barrens Grammia		SR	G4	S2S3
Grammia virguncula			SR	G5	S1S2
Hadena ectypa	The Starry Campion Moth		ST	G3G4	S1S3
Hemaris gracilis	The Blueberry Clearwing Sphinx		SR	G3G4	S1S2
Hesperia leonardus	Leonard's Skipper		SR	G5	S2
Holomelina opella	The Smokey Holomelina		SR	G5	S2S3
Lesmone detrahens	A Moth		SR	G5	S2
Lethe eurydice fumosus	Smoky-eyed Brown		ST	G5T3T4	S1S2
Leucania inermis	A Moth		SR	G5	S2S3

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Leucania linita	Salt Marsh Wainscot		SR	GNR	S2
Loxagrotis acclivis	A Noctuid Moth		ST	G4G5	S2
Lycaeides melissa samuelis	Karner Blue	LE	SE	G5T2	S1
Lycaena helloides	Purplish Copper		SR	G5	S2S4
Macalla zelleri	Zeller's Macalla		SR	GNR	SNR
Macrochilo absorptalis	A Moth		SR	G4G5	S2S3
Macrochilo hypocritalis	A Noctuid Moth		SR	G4	S2
Macrochilo louisiana			ST	G4	S1S2
Melanomma auricinctaria	Huckleberry Eye-spot Moth		SR	G4	S2S3
Meropleon ambifusum	Newman's Brocade		ST	G3G4	S1S2
Meropleon diversicolor	A Noctuid Moth		SR	G5	S2S3
Metanema determinata	Dark Metanema		SR	GNR	SNR
Metanema inatomaria	Pale Metanema		SR	G5	SNR
Nephoterix dammersi	Leadplant Leafwebber Moth		SE	GNR	S1
Nola cilicoides			SR	G5	SNR
Nola pustulata	Sharp-blotched Nola		SR	G4	SNR
Odontosia elegans	Elegant Prominent		SR	G5	S1S2
Oligia obtusa	A Noctuid Moth		SE	G4	S1
Paectes abrostolella	The Barrens Paectes Moth		SR	G4	S2S3
Papaipema cerina	Golden Borer Moth		ST	G2G4	S1
Papaipema leucostigma	Columbine Borer		ST	G4G5	S1S2
Papaipema lysimachiae	The St. John'Swort Borer Moth		SR	G4G5	S1S3
Papaipema maritima	The Giant Sunflower Borer Moth		ST	G3	S2
Papaipema silphii	Silphium Borer Moth		ST	G3G4	S2
Papaipema speciosissima	The Royal Fern Borer Moth		ST	G4	S2S3
Parasa indetermina	A Moth		SR	G4	S1S2
Peoria gemmatella	Gemmed Cordgrass Borer		SR	GNR	S1
Peoria tetradella			SR	GNR	SNR
Phaneta ochroterminana			SR	GNR	SNR
Phaneta ornatura			SR	GNR	SNR
Phaneta striatana			SR	GNR	SNR
Platyperigea meralis	The Rare Sand Quaker		ST	G5	S2
Platyperigea multifera	Dune rustic			GNR	S1S2
Poanes viator viator	Big Broad-winged Skipper		ST	G5T4	S2
Polygonia progne	Gray Comma		SR	G5	S2
Problema byssus	Bunchgrass Skipper		ST	G3G4	S2
Protorthodes incincta	Saturn quaker		SR	GNR	S2
Pygarctia spraguei	Sprague's Pygartic		SR	G5	S1S2
Pyla arenaeola	A Pyralid Moth		SE	GNR	S1
Pyrausta laticlavata	The Southern Purple Mint Moth		SR	GNR	S1S2

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Resapamea stipata	The Four-lined Cordgrass Borer		SE	G4	S1
Schinia indiana	Phlox Moth		SE	G2G4	S1
Schinia septentrionalis	A Noctuid Moth		SR	G3G4	S2S3
Scirpophaga perstrialis			SR	GNR	SNR
Semiothisa eremiata	The Goat's Rue Looper		SR	G4	S2S3
Sitochroa dasconalis	Pearly Indigo Borer		ST	GNR	S1S2
Spartiniphaga inops	Spartina Borer Moth		SR	G3G4	S2S3
Speyeria aphrodite	Aphrodite Fritillary		WL	G5	S3
Sphinx luscitiosa	The Luscious Willow Sphinx		SR	G4G5	S1S2
Tampa dimediatella	Red-striped Panic Grass Moth		ST	GNR	S2S3
Thorybes pylades	Northern Cloudywing		SR	G5	S2S3
Tricholita notata	Marked Noctuid		ST	G5	S1S2
Trichosilia manifesta	The Record Keeper Moth		SR	G4	S3S4
Zomaria interruptolineana	Broken-lined Zomaria		SR	GNR	SNR
Insect: b donata)Dragonflies O Damsel&iesH					
Sympetrum semicinctum	Band-winged Meadowhawk		SR	G5	S2S3
Insect: b rthoptera					
Chloealtis conspersa	Sprinkled Locust		SR	G5	S2S3
Conocephalus saltans	Prairie Meadow Katydid		SR	G5	S1S2
Hesperotettix viridis pratensis	A Grasshopper		SR	G5T5	S1S2
Melanoplus viridipes viridipes	Green-legged Spur-throated Grasshopper		SR	G4	S2
Neoconocephalus exiliscanorus	Slightly Musical Conehead		SR	GNR	SNR
Neoconocephalus nebrascensis	Nebraska Conehead		SR	GNR	S1S2
Orphulella pelidna	Spotted-wing Grasshopper		SR	G5	S1S2
Pseudopomala brachyptera	Bunch Grass Locust		ST	G5	S1S2
Psinidia fenestralis	Sand Locust		SR	G5	S1S2
Trimerotropis maritima	Seaside Grasshopper		ST	G5	S2
Fish					
Acipenser fulvescens	Lake Sturgeon		SE	G3G4	S1
Amphibian					
Ambystoma laterale	Blue-spotted Salamander		SSC	G5	S2
Hemidactylium scutatum	Four-toed Salamander		SSC	G5	S2
Lithobates pipiens	Northern Leopard Frog		SSC	G5	S2
Necturus maculosus	Common mudpuppy		SSC	G5	S2
Reptile					
Clemmys guttata	Spotted Turtle	C	SE	G5	S2
Clonophis kirtlandii	Kirtland's Snake	C	SE	G2	S2
Emydoidea blandingii	Blanding's Turtle	C	SE	G4	S2
Kinosternon subrubrum subrubrum	Eastern Mud Turtle		SE	G5T5	S2

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Opheodrys vernalis	Smooth Green Snake		SE	G5	S2
Sistrurus catenatus catenatus	Eastern Massasauga	LT	SE	G3	S2
Thamnophis butleri	Butler's Garter Snake		SE	G4	S1
Thamnophis proximus proximus	Western Ribbon Snake		SSC	G5T5	S3
v ird					
Ammodramus henslowii	Henslow's Sparrow		SE	G4	S3B
Ardea alba	Great Egret		SSC	G5	S1B
Asio otus	Long-eared Owl			G5	S2
Bartramia longicauda	Upland Sandpiper		SE	G5	S3B
Botaurus lentiginosus	American Bittern		SE	G5	S2B
Buteo lineatus	Red-shouldered Hawk		SSC	G5	S3
Buteo platypterus	Broad-winged Hawk		SSC	G5	S3B
Circus hudsonius	Northern Harrier		SE	G5	S2
Cistothorus palustris	Marsh Wren		SE	G5	S3B
Cistothorus platensis	Sedge Wren		SE	G5	S3B
Dendroica virens	Black-throated Green Warbler			G5	S2B
Empidonax alnorum	Alder Flycatcher			G5	S2B
Falco peregrinus	Peregrine Falcon		SSC	G4	S2B
Haliaeetus leucocephalus	Bald Eagle		SSC	G5	S2
Ixobrychus exilis	Least Bittern		SE	G5	S3B
Lanius ludovicianus	Loggerhead Shrike		SE	G4	S3B
Mniotilta varia	Black-and-white Warbler		SSC	G5	S1S2B
Nycticorax nycticorax	Black-crowned Night-heron		SE	G5	S1B
Rallus elegans	King Rail		SE	G4	S1B
Rallus limicola	Virginia Rail		SE	G5	S3B
Setophaga cerulea	Cerulean Warbler		SE	G4	S3B
Sturnella neglecta	Western Meadowlark		SSC	G5	S2B
Vermivora chrysoptera	Golden-winged Warbler	C	SE	G4	S1B
Wilsonia canadensis	Canada Warbler			G5	S2B
Wilsonia citrina	Hooded Warbler		SSC	G5	S3B
Mammal					
Lasiurus borealis	Eastern Red Bat		SSC	G3G4	S4
Lasiurus cinereus	Hoary Bat		SSC	G3G4	S4
Mustela nivalis	Least Weasel		SSC	G5	S2?
Myotis lucifugus	Little Brown Bat	C	SSC	G3	S2
Myotis septentrionalis	Northern Long Eared Bat	LT	SSC	G1G2	S2S3
Myotis sodalis	Indiana Bat or Social Myotis	LE	SE	G2	S1
Perimyotis subflavus	Tricolored Bat		SSC	G2G3	S2S3
Reithrodontomys megalotis	Western Harvest Mouse			G5	S2
Spermophilus franklinii	Franklin's Ground Squirrel		SE	G5	S2

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Taxidea taxus	American Badger		SSC	G5	S2
Pascular klant					
Actaea rubra	Red Baneberry		ST	G5	S1
Amelanchier humilis	Running Serviceberry		SE	G5	S1
Arabis glabra	Tower-mustard		WL	G5	S2
Aralia hispida	Bristly Sarsaparilla		SE	G5	S1
Arctostaphylos uva-ursi	Bearberry		SR	G5	S2
Aristida intermedia	Slim-spike Three-awn Grass		SR	GNR	S2
Aristida tuberculosa	Seabeach Needlegrass		SR	G5	S2
Betula populifolia	Gray Birch		SE	G5	S1
Bidens beckii	Beck Water-marigold		ST	G5	S1
Botrychium matricariifolium	Chamomile Grape-fern		SR	G5	S2
Botrychium multifidum var. intermedium	Leathery Grape-fern		SX	G5T4?	SX
Botrychium oneidense	Blunt-lobe Grape-fern		WL	G4	S3
Brachyelytrum aristosum	Northern shorthusk		SE	G5	S1
Buchnera americana	Bluehearts		SE	G5?	S1
Carex alata	Broadwing Sedge		WL	G5	S3
Carex atherodes	Awned Sedge		SE	G5	S1
Carex atlantica ssp. capillacea	Howe Sedge		SE	G5T5?	S1
Carex aurea	Golden-fruited Sedge		SR	G5	S2
Carex brunnescens	Brownish Sedge		SE	G5	S1
Carex cephaloidea	Thinleaf Sedge		SE	G5	S1
Carex conoidea	Prairie Gray Sedge		ST	G5	S1
Carex debilis var. rudgei	White-edge Sedge		SR	G5T5	S2
Carex eburnea	Ebony Sedge		SR	G5	S2
Carex flava	Yellow Sedge		ST	G5	S2
Carex folliculata	Long Sedge		SR	G5	S2
Carex garberi	Elk Sedge		ST	G5	S2
Carex leptonervia	Finely-nerved Sedge		SE	G5	S1
Carex limosa	Mud Sedge		SE	G5	S1
Carex pedunculata	Longstalk Sedge		SR	G5	S2
Carex seorsa	Weak Stellate Sedge		SR	G5	S2
Chamaesyce polygonifolia	Seaside Spurge		SR	G5?	S3
Chimaphila umbellata ssp. cisatlantica	Pipsissewa		ST	G5T5	S2
Chrysosplenium americanum	American Golden-saxifrage		ST	G5	S2
Circaea alpina	Small Enchanter's Nightshade		SX	G5	SX
Cirsium hillii	Hill's Thistle		SE	G3	S1
Cirsium pitcheri	Dune Thistle	LT	ST	G2G3	S2
Clintonia borealis	Clinton Lily		SE	G5	S1
Coeloglossum viride var. virescens	Long-bract Green Orchis		ST	G5T5	S2

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Indiana County Endangered, Threatened and Rare Species List

County: korter

Species Name	Common Name	FED	STATE	GRANK	SRANK
Cornus amomum ssp. amomum	Silky Dogwood		SE	G5T5	S1
Cornus canadensis	Bunchberry		SE	G5	S1
Cornus rugosa	Roundleaf Dogwood		SR	G5	S2
Cyperus houghtonii	Houghton's Nutsedge		SE	G4?	S2
Cypripedium calceolus var. parviflorum	Small Yellow Lady's-slipper		SR	G5	S2
Cypripedium candidum	Small White Lady's-slipper		WL	G4	S2
Dichanthelium boreale	Northern Witchgrass		SR	G5	S2
Dichanthelium sabulorum var. thinium	Hemlock Panic-grass		SR	G5T5	S2
Diervilla lonicera	Northern Bush-honeysuckle		SR	G5	S2
Drosera intermedia	Spoon-leaved Sundew		SR	G5	S2
Dryopteris clintoniana	Clinton Woodfern		SE	G5	S1
Eleocharis geniculata	Capitate Spike-rush		ST	G5	S2
Eleocharis melanocarpa	Black-fruited Spike-rush		ST	G4	S2
Eleocharis microcarpa	Small-fruited Spike-rush		SE	G5	S1
Eleocharis robbinsii	Robbins Spikerush		SR	G4G5	S2
Epigaea repens	Trailing Arbutus		WL	G5	S3
Eriocaulon aquaticum	Pipewort		SE	G5	S1
Eriophorum angustifolium	Narrow-leaved Cotton-grass		SR	G5	S2
Eurybia furcata	Forked Aster		SR	G3	S2
Fimbristylis puberula	Carolina Fimbry		SE	G5	S1
Fuirena pumila	Dwarf Umbrella-sedge		ST	G4	S2
Gentiana alba	Yellow Gentian		SR	G4	S2
Gentiana puberulenta	Downy Gentian		ST	G4G5	S2
Geranium bicknellii	Bicknell Northern Crane's-bill		SE	G5	S1
Glyceria grandis	American Manna-grass		SE	G5	S1
Hemicarpha drummondii	Drummond Hemicarpha		SE	G4G5	S1
Hudsonia tomentosa	Sand-heather		ST	G5	S2
Huperzia lucidula	Shining Clubmoss		WL	G5	S3
Hypericum adpressum	Creeping St. John's-wort		SE	G3	S1
Hypericum pyramidatum	Great St. John's-wort		ST	G4	S1
Juglans cinerea	Butternut		WL	G4	S3
Juncus articulatus	Jointed Rush		SE	G5	S1
Juncus balticus var. littoralis	Baltic Rush		SR	G5T5	S2
Juncus militaris	Bayonet Rush		SE	G4	S1
Juncus pelocarpus	Brown-fruited Rush		SE	G5	S2
Juncus scirpoides	Scirpus-like Rush		ST	G5	S2
Juniperus communis	Ground Juniper		SR	G5	S2
Lathyrus maritimus var. glaber	Beach Peavine		SE	G5T4T5	S1
Lathyrus ochroleucus	Pale Vetchling Peavine		SE	G5	S1
Lathyrus venosus	Smooth Veiny Pea		ST	G5	S2

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Indiana County Endangered, Threatened and Rare Species List

County: korter

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Lechea stricta	Upright Pinweed		SX	G4?	SX
Lemna minima	Least Duckweed	SE	GNR	S1	
Lemna valdiviana	Pale Duckweed	SE	G5	S1	
Linnaea borealis	Twinflower	SX	G5		SX
Linum striatum	Ridged Yellow Flax	WL	G5		S3
Ludwigia sphaerocarpa	Globe-fruited False-loosestrife	SE	G5	S1	
Lycopodiella inundata	Northern Bog Clubmoss	SE	G5	S1	
Lycopodiella subappressa	Northern Appressed Bog Clubmoss	SE	G2	S1	
Lycopodium hickeyi	Hickey's Clubmoss	SR	G5	S2	
Lycopodium obscurum	Tree Clubmoss	SR	G5	S2	
Lycopodium tristachyum	Deep-root Clubmoss	SR	G5	S2	
Melampyrum lineare	American Cow-wheat	SR	G5	S2	
Mikania scandens	Climbing Hempweed	SE	G5	S1	
Milium effusum	Tall Millet-grass	SR	G5	S2	
Minuartia michauxii var. michauxii	Michaux's Stitchwort	SR	G5T5	S2	
Myosotis laxa	Smaller Forget-me-not	ST	G5	S1	
Myriophyllum pinnatum	Cutleaf Water-milfoil	SE	G5	S1	
Myriophyllum verticillatum	Whorled Water-milfoil	SR	G5	S2	
Najas gracillima	Thread-like Naiad	ST	G5?	S1	
Oligoneuron album	Prairie Goldenrod	SR	G5	S2	
Orobanche fasciculata	Clustered Broomrape	SE	G4G5	S1	
Orthilia secunda	One-sided Wintergreen	SX	G5		SX
Oryzopsis asperifolia	White-grained Mountain-ricegrass	SE	G5	S1	
Oryzopsis pungens	Slender Mountain-ricegrass	SX	G5		SX
Oryzopsis racemosa	Black-fruit Mountain-ricegrass	SR	G5	S2	
Panax quinquefolius	American Ginseng	WL	G3G4		S3
Panax trifolius	Dwarf Ginseng	WL	G5		S2
Panicum leibergii	Leiberg's Witchgrass	ST	G4	S2	
Panicum mattamuskeetense	A Panic-grass	SX	G4?		SX
Panicum verrucosum	Warty Panic-grass	ST	G4	S2	
Perideridia americana	Eastern Eulophus	SE	G4	S1	
Pinus banksiana	Jack Pine	SR	G5	S2	
Pinus strobus	Eastern White Pine	SR	G5	S2	
Piptochaetium avenaceum	Blackseed Needlegrass	SR	G5	S2	
Plantago cordata	Heart-leaved Plantain	SE	G4	S1	
Platanthera ciliaris	Yellow-fringe Orchis	SE	G5	S1	
Platanthera clavellata	Small Green Woodland Orchis	WL	G5		S3
Platanthera hookeri	Hooker Orchis	SX	G4		SX
Platanthera hyperborea	Leafy Northern Green Orchis	ST	G5	S2	

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Indiana County Endangered, Threatened and Rare Species List

County: korter

Species Name	Common Name	FED	STATE	GRANK	SRANK
Platanthera psycodes	Small Purple-fringe Orchis		SR	G5	S2
Poa alsodes	Grove Meadow Grass		SR	G4G5	S2
Poa paludigena	Bog Bluegrass		WL	G3	S3
Polygala paucifolia	Gay-wing Milkwort		SE	G5	S1
Polygonella articulata	Eastern Jointweed		SR	G5	S2
Polygonum careyi	Carey's Smartweed		ST	G4	S2
Polygonum hydropiperoides var. opelousanum	Northeastern Smartweed		ST	G5TNRQ	S2
Populus balsamifera	Balsam Poplar		SE	G5	S1
Potamogeton epihydrus	Nuttall Pondweed		SE	G5	S1
Potamogeton pulcher	Spotted Pondweed		SE	G5	S1
Potamogeton pusillus	Slender Pondweed		WL	G5	S2
Potamogeton richardsonii	Redheadgrass		SR	G5	S2
Potamogeton strictifolius	Straight-leaf Pondweed		ST	G5	S1
Potamogeton vaseyi	Vasey's Pondweed		SE	G4	S1
Potentilla anserina	Silverweed		ST	G5	S2
Prunus pensylvanica	Fire Cherry		SR	G5	S2
Pyrola americana	American Wintergreen		SR	G5	S2
Rhexia mariana var. mariana	Maryland Meadow Beauty		ST	G5T5	S1
Rhus aromatica var. arenaria	Beach Sumac		SR	G5T3Q	S2
Rhynchospora fusca	Brown beakrush		SX	G4G5	SX
Rhynchospora macrostachya	Tall Beaked-rush		SR	G4	S2
Rhynchospora nitens	Short-beaked Bald-rush		SE	G4?	S1
Rhynchospora recognita	Globe Beaked-rush		SE	G5?	S1
Rhynchospora scirpoides	Long-beaked Baldrush		ST	G4	S2
Rubus alumnus	A Bramble		SX	G5	SX
Salix cordata	Heartleaf Willow		ST	G4	S2
Schoenoplectus hallii	Hall's Bulrush	C	SE	G2G3	S1
Schoenoplectus smithii	Smith's Bulrush		SE	G5?	S1
Schoenoplectus torreyi	Torrey's Bulrush		SE	G5?	S1
Scirpus expansus	Bulrush		SE	G4	S1
Scirpus purshianus	Weakstalk Bulrush		SR	G4G5	S2
Scirpus subterminalis	Water Bulrush		SR	G5	S2
Scleria reticularis	Reticulated Nutrush		ST	G4	S2
Selaginella rupestris	Ledge Spike-moss		ST	G5	S2
Sisyrinchium montanum	Strict Blue-eyed-grass		SE	G5	S1
Solidago simplex var. gillmanii	Sticky Goldenrod		ST	G5T3?	S2
Sorbus decora	Northern Mountain-ash		SX	G5	SX
Sparganium androcladum	Branching Bur-reed		ST	G4G5	S2
Spiranthes lucida	Shining Ladies'-tresses		SR	G4	S2
Spiranthes magnicamporum	Great Plains Ladies'-tresses		SE	G3G4	S1

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Indiana County Endangered, Threatened and Rare Species List

County: korter

Species Name	Common Name	FED	STATE	GRANK	SRANK
Styrax americanus	American Snowbell		WL	G5	S3
Symphyotrichum boreale	Rushlike Aster	SR	G5		S2
Symphyotrichum sericeum	Western Silvery Aster	SR	G5		S2
Talinum rugospermum	Prairie Fame-flower	ST	G3G4		S2
Thalictrum pubescens	Tall Meadowrue	ST	G5		S2
Thuja occidentalis	Northern White Cedar	SE	G5		S1
Trichostema dichotomum	Forked Bluecurl	SR	G5		S2
Trillium cernuum var. macranthum	Nodding Trillium	SE	G5T4		S1
Utricularia cornuta	Horned Bladderwort	ST	G5		S2
Utricularia minor	Lesser Bladderwort	ST	G5		S1
Utricularia purpurea	Purple Bladderwort	SR	G5		S2
Utricularia subulata	Zigzag Bladderwort	ST	G5		S2
Vaccinium oxycoccos	Small Cranberry	ST	G5		S2
Valerianella chenopodiifolia	Goose-foot Corn-salad	SE	G4		S1
Viburnum opulus var. americanum	Highbush-cranberry	SE	G5T5		S1
Viola primulifolia	Primrose-leaf Violet	ST	G5		S2
Woodwardia areolata	Netted Chainfern	SR	G5		S2
Xyris difformis	Carolina Yellow-eyed Grass	ST	G5		S2
Zannichellia palustris	Horned Pondweed	SR	G5		S2
High Quality Natural Community					
Forest - upland dry Northwestern Morainal	Northwestern Morainal Dry Upland Forest			GNR	S1
Forest - upland dry-mesic Northwestern Morainal	Northwestern Morainal Dry-mesic Upland Forest			GNR	S1
Forest - upland mesic Northwestern Morainal	Northwestern Morainal Mesic Upland Forest			GNR	S1
Lake - lake	Lake		SG	GNR	S2
Lake - pond	Pond		SG	GNR	SNR
Prairie - dry-mesic	Dry-mesic Prairie		SG	G3	S2
Prairie - mesic	Mesic Prairie		SG	G2	S2
Prairie - sand dry	Dry Sand Prairie		SG	G3	S2
Prairie - sand dry-mesic	Dry-mesic Sand Prairie		SG	G3	S3
Prairie - sand wet-mesic	Wet-mesic Sand Prairie		SG	G1?	S2
Prairie - wet	Wet Prairie		SG	G3	S1
Primary - dune lake	Foredune		SG	G3	S1
Rhynchospora capitellata - Rhexia virginica - Rhynchospora scirpoides - Schoenoplectus hallii	Inland Coastal Plain Marsh			G2?	SNR
Herbaceous Vegetation					
Savanna - sand dry	Dry Sand Savanna		SG	G2?	S2
Savanna - sand dry-mesic	Dry-mesic Sand Savanna		SG	G2?	S2S3
Wetland - fen	Fen		SG	G3	S3

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Indiana County Endangered, Threatened and Rare Species List

County: korter

Species Name	Common Name	FED	STATE	GRANK	SRANK
Wetland - fen forested	Forested Fen		SG	G3	S1
Wetland - marsh	Marsh		SG	GU	S4
Wetland - meadow sedge	Sedge Meadow		SG	G3?	S1
Wetland - panne	Panne		SG	G2	S1
Wetland - swamp shrub	Shrub Swamp		SG	GU	S2
Other Significant Feature					
Critical habitat area - charadrius melodus	Piping Plover Critical Habitat Area			GNR	SNR

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Fed:

State:

GRANK:

SRANK:

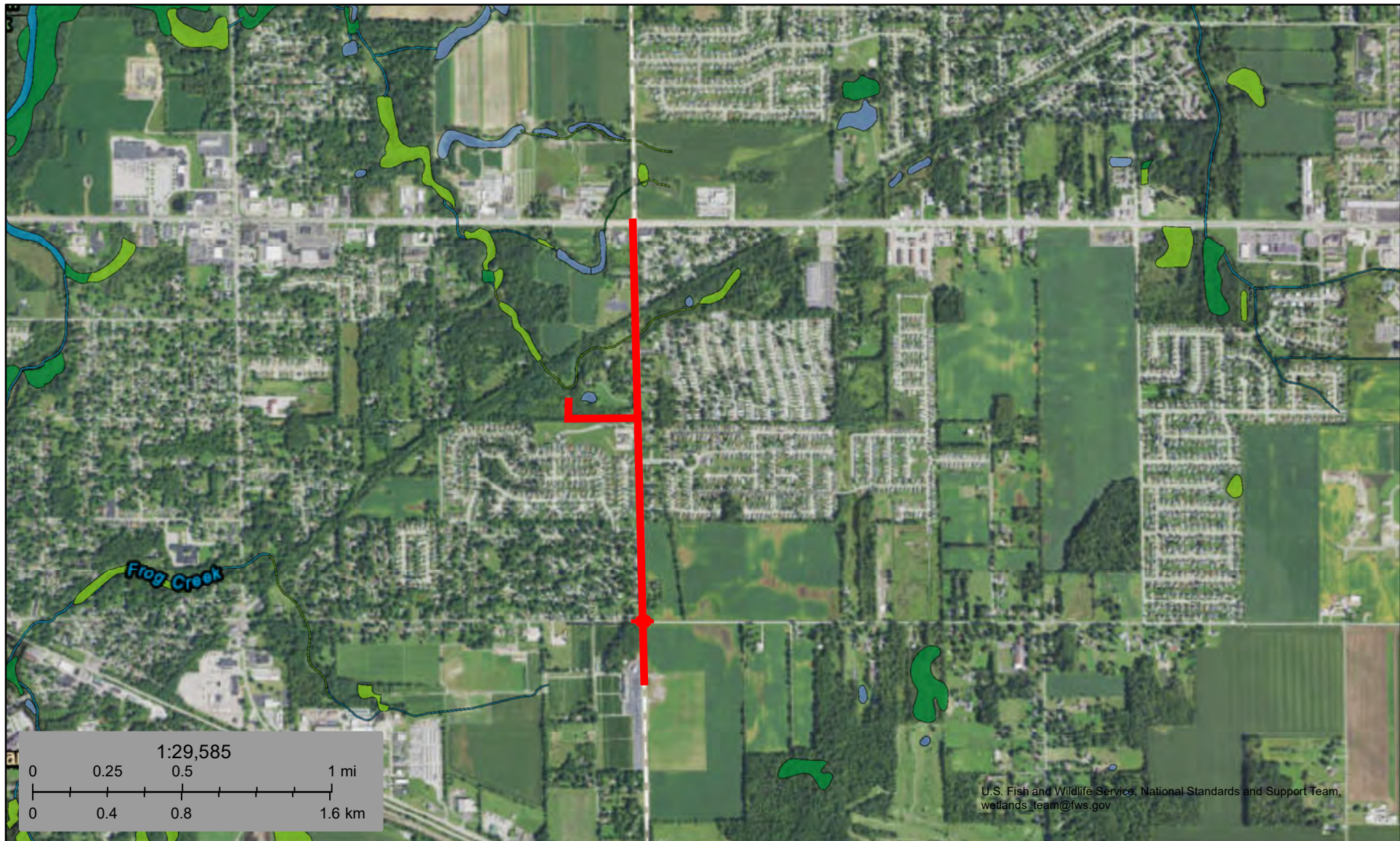
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APPENDIX F: ECOLOGICAL AND WATER RESOURCES



August 22, 2017

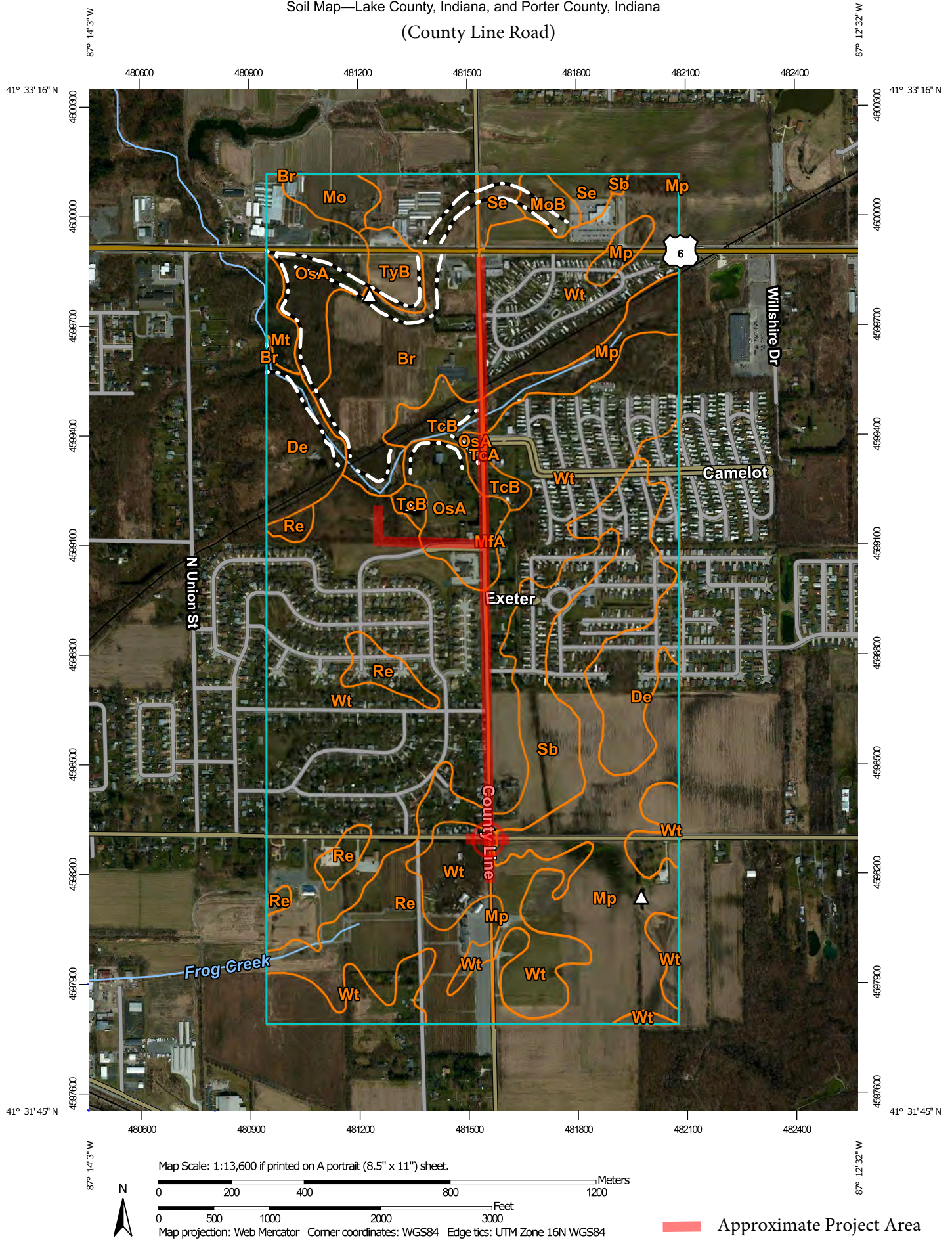
Wetlands

- | | | |
|--|---|--|
|  Estuarine and Marine Deepwater |  Freshwater Emergent Wetland |  Lake |
|  Estuarine and Marine Wetland |  Freshwater Forested/Shrub Wetland |  Other |
| |  Freshwater Pond |  Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

 Project Area

Soil Map—Lake County, Indiana, and Porter County, Indiana
(County Line Road)




Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

3/20/2020
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

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: Lake County, Indiana

Survey Area Data: Version 22, Sep 16, 2019

Soil Survey Area: Porter County, Indiana

Survey Area Data: Version 23, Sep 16, 2019

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

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

Date(s) aerial images were photographed: Mar 13, 2012—Mar 28, 2012

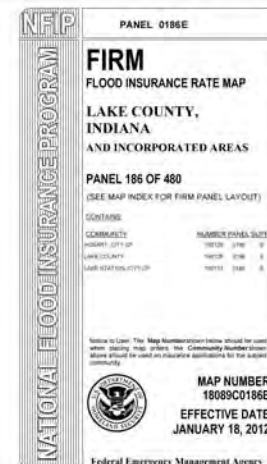
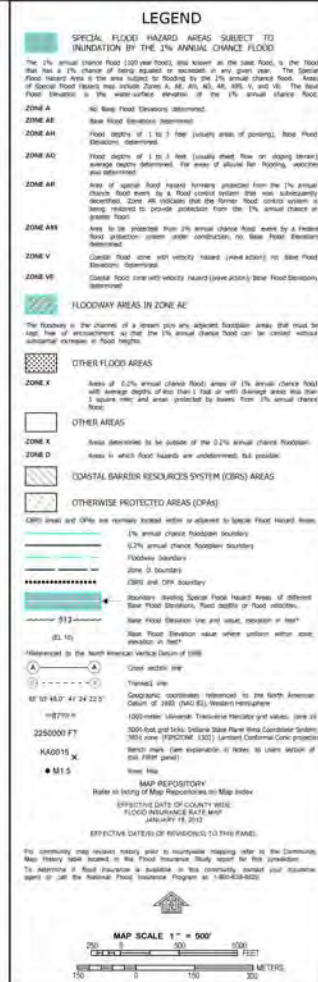
The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Br	Brady fine sandy loam	58.2	8.9%
De	Del Rey silt loam	16.5	2.5%
Mo	Milford silt loam, overwash	6.9	1.1%
Mt	Milford-Palms-Wallkill complex	4.1	0.6%
OsA	Oshtemo fine sandy loam, 0 to 2 percent slopes	36.3	5.6%
Re	Rensselaer loam	51.4	7.9%
TcB	Tracy loam, 2 to 6 percent slopes	10.4	1.6%
TyB	Tyner loamy fine sand, 0 to 6 percent slopes	7.1	1.1%
Wt	Whitaker loam	156.8	24.0%
Subtotals for Soil Survey Area		347.6	53.2%
Totals for Area of Interest		653.8	100.0%

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
De	Del Rey silt loam	23.6	3.6%
MfA	Martinsville loam, 0 to 2 percent slopes	2.7	0.4%
MoB	Metea loamy fine sand, 1 to 6 percent slopes	4.8	0.7%
Mp	Milford silty clay loam, 0 to 2 percent slopes	104.6	16.0%
Sb	Sebewa loam, shaly sand substratum	25.7	3.9%
Se	Selfridge loamy fine sand	7.9	1.2%
TcA	Tracy sandy loam, 0 to 2 percent slopes	0.2	0.0%
TcB	Tracy sandy loam, 2 to 6 percent slopes	2.5	0.4%
Wt	Whitaker loam	134.1	20.5%
Subtotals for Soil Survey Area		306.2	46.8%
Totals for Area of Interest		653.8	100.0%

■ Project Area



APPENDIX G: PUBLIC INVOLVEMENT

November 20, 2014

NOTICE OF SURVEY

Sample Notice of Survey

*RE: Phase 1 of the County Line Road Corridor Assessment, U.S.
Highway 6 to U.S. Highway 130, Hobart, Lake County, Indiana*

Dear Property Owner(s):

The City of Hobart has selected Butler, Fairman and Seufert, Inc., to survey and prepare the Corridor Assessment for the referenced project. Courthouse records show that you are a property owner within the limits of the area where data will be collected for the project survey.

Our survey crews will commence the survey in the near future. In the process, they will be walking on your land to take measurements to locate features such as houses, trees, drives, along with drainage and utility features. We appreciate your cooperation in this effort. Unless we are notified to the contrary, we will assume your permission to walk on your property.

Please forward this information to any tenants that may be occupying your property.

Should you have questions concerning the survey, please contact the undersigned in this office at 800-553-0863.

Very truly yours,

BUTLER, FAIRMAN and SEUFERT, INC.

*Mark W. Neal, P.S.
mneal@bfsengr.com*

MWN:lm

c: Jake Dammarell

September 14, 2017

NOTICE OF SURVEY

CERTIFIED MAIL

Sample Notice of Survey

RE: Ecological/Archeological Survey for the County Line Road Project

Dear Property Owner:

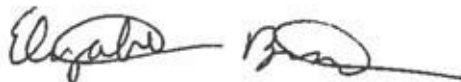
The City of Hobart has selected Butler, Fairman and Seufert, Inc., to design the above-referenced project. GIS records indicate you are a property owner within the limits of the area where data will be collected for environmental investigations.

Our environmental team will commence field observations in the near future. In the process, they will be taking photographs and walking transects to collect information regarding historic properties, topography, ground elevations, drainage patterns, vegetation, and soil conditions. Shovel probes may be collected to survey for possible archaeological resources, in which case all land would subsequently be returned to its original condition. This information is necessary to complete the environmental document for the road project. We appreciate your cooperation in this effort. Unless we are notified to the contrary, we will assume your permission to walk on your property. Please forward this information to any tenants that may be occupying your property.

Should you have questions concerning the survey, please contact the undersigned in this office at 317-713-4615.

Sincerely,

BUTLER, FAIRMAN & SEUFERT, INC.



*Elizabeth Biggio, Architectural Historian
ebiggio@bfsengr.com*

EB:lm

APPENDIX H: AIR QUALITY



2020-2024 Transportation Improvement Program

Group 1 projects

Des #	Project type	LPA / Transit operator	Project description	Final score	Fund source	PE			ROW			CN or Transit			2020	2021	2022	2023	2024 <i>informational</i>	Total cost	Notes
						Total	Federal	Match	Total	Federal	Match	Total	Federal	Match	federal amount programmed only						
Need DES number	Stormwater management / control / prevention	Hammond	Stormwater improvements on Nevada St, south of 109th. Includes roadway drainage and stormwater system.	45	TA	\$ -		\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 200,000	\$ 200,000	\$ 200,000					\$ 400,000	
						Environment summary															\$ 446,480
Quality of place																					
1500221	Roadway expansion	Hammond	Chicago Ave; from IN/IL State Line to Marble St	2018-2021 TIP project	STBG							\$ 11,750,000	\$ 9,400,000	\$ 2,350,000	\$ 9,400,000					\$ 11,750,000	
1172007	Roadway expansion	Lake County	45th Ave. from Whitcomb to Chase (Ph 2B)	2018-2021 TIP project	STBG							\$ 2,190,000	\$ 1,752,000	\$ 438,000	\$ 1,752,000					\$ 2,190,000	
1006787	Roadway expansion	Merrillville	Mississippi St.; 93rd Ave to 101st Ave	2018-2021 TIP project	STBG							\$ 4,515,000	\$ 3,612,000	\$ 903,000		\$ 3,612,000				\$ 4,515,000	
1173760	Roadway expansion	Schererville	Kennedy Ave at Junction St. South to 67th St. and then South to US 30 (Phase 1)	2018-2021 TIP project	STBG							\$ 5,258,090	\$ 4,206,472	\$ 1,051,618		\$ 4,206,472				\$ 5,258,090	
9980080	Roadway expansion	Lake County	45th Ave; Colfax to Whitcomb St.	2018-2021 TIP project	STBG							\$ 9,582,000	\$ 7,665,600	\$ 1,916,400			\$ 7,665,600			\$ 9,582,000	
1500222	Roadway expansion	Hammond	Chicago Ave; from Marble St to Baltimore Ave(Phase 2)	2018-2021 TIP project	STBG							\$ 6,187,500	\$ 4,950,000	\$ 1,237,500				\$ 4,950,000		\$ 6,187,500	
1382603	Roadway expansion	Schererville	Kennedy Ave; Oak St to Junction St	2018-2021 TIP project	STBG				\$ 75,000	\$ 60,000	\$ 15,000	\$ 10,248,384	\$ 8,198,707	\$ 2,049,677			\$ 60,000		\$ 8,198,707	\$ 10,323,384	
Need DES #	Roadway expansion	Schererville	Kennedy Ave Corridor Improvement	66	STBG	\$ -		\$ -	\$ 430,500	\$ 344,400	\$ 86,100	\$ 5,740,000	\$ 4,592,000	\$ 1,148,000				\$ 344,400		\$ 6,170,500	CN in NWI 2050 Plan, 2025-2030 time band
Roadway expansion summary															\$ 11,152,000	\$ 7,818,472	\$ 7,725,600	\$ 5,294,400	\$ 8,198,707	5-year sum	\$ 40,189,179
Roadway improvement																					
1601165	Roadway safety	Gary	Regulatory & Warning Sign Replacement; City-Wide	2018-2021 TIP project	HSIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 450,000	\$ 50,000	\$ -					\$ 500,000	In August Amendment to be eliminated
1802975	Pavement rehabilitation, or reconstruction	Gary	Airport Road 3R/4R Reconstruction: Cline Ave to EJ&E RR Bridge Phase IV	2018-2021 TIP project	STBG	\$ -	\$ -	\$ -	\$ 200,000	\$ 160,000	\$ 40,000	\$ 896,000	\$ 716,800	\$ 179,200	\$ 160,000		\$ 716,800			\$ 1,096,000	
900075	Pavement rehabilitation, or reconstruction	Valparaiso	Silhavy Rd; Evans Ave to LaPorte Ave	2018-2021 TIP project	STBG	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,448,450	\$ 3,558,760	\$ 889,690	\$ 3,558,760					\$ 4,448,450	
1601157	Roadway safety	Crown Point	109th Ave, Delaware Pkwy to SR 53, includes median construction	2018-2021 TIP project	HSIP	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,220,000	\$ 1,098,000	\$ 122,000	\$ 1,098,000					\$ 1,220,000	
900080	Intersection congestion improvements	Portage	Willowcreek Rd Intersection Improvements at Central Ave.	2018-2021 TIP project	CMAQ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,375,000	\$ 1,100,000	\$ 275,000	\$ 1,100,000					\$ 1,375,000	
1382598	Pavement rehabilitation, or reconstruction	Hobart	County Line Rd; from US 6 to Cleveland Ave	2018-2021 TIP project	STBG	\$ -	\$ -	\$ -	\$ 250,000	\$ 200,000	\$ 50,000	\$ 8,596,250	\$ 6,877,000	\$ 1,719,250	\$ 200,000		\$ 6,877,000			\$ 8,846,250	

Excerpt from the INDOT FY 2020-2024 State Transportation Improvement Program (STIP)

SPONSOR	CONTR ACT # / LEAD DES	STIP NAME	ROUTE	WORK TYPE	LOCATION	DISTRICT	MILES	FEDERAL CATEGORY	Estimated Cost left to Complete Project*	PROGRAM	PHASE	FEDERAL	MATCH	2020	2021	2022	2023	2024
Lake County	31949 / 9980080	Init.	ST 1000	Other Type Project (Miscellaneous)	45th Ave from Colfax to Whitcomb (earmark) (PH3)	LaPorte	1.5	STPBG		Local Funds	CN	\$0.00	\$1,916,400.00		\$1,916,400.00			
Lake County	31949 / 9980080	M 02	ST 1000	Other Type Project (Miscellaneous)	45th Ave from Colfax to Whitcomb (earmark) (PH3)	LaPorte	1.5	STBG	\$9,582,000.00	Local Funds	CN	\$0.00	\$0.00		(\$1,916,400.00)	\$1,916,400.00		
										Northwest Indiana MPO	CN	\$0.00	\$0.00		(\$7,665,600.00)	\$7,665,600.00		
Comments:Per NIRPC Amendment 18-21 Moving Construction funds from FY21 to FY22																		
East Chicago	32571 / 0901321	Init.	ST 1001	Other Intersection Improvement	Intersection Improvement on 129th St. at Dickey Road & Broad St.	LaPorte	0	STPBG		Route Transfer/rel inquisitionment	CN	\$1,000,000.00	\$0.00	\$1,000,000.00				
										Local Funds	CN	\$0.00	\$1,250,000.00	\$1,250,000.00				
East Chicago	32571 / 0901321	M 01	ST 1001	Other Intersection Improvement	Intersection Improvement on 129th St. at Dickey Road & Broad St.	LaPorte	0	STBG	\$2,250,000.00	Toll Lease Amendment Proceeds	CN	\$0.00	\$0.00	(\$1,000,000.00)	\$1,000,000.00			
										Local Funds	CN	\$0.00	\$0.00	(\$1,250,000.00)	\$1,250,000.00			
Comments:No MPO- Moving CN funds from FY20 to FY21																		
East Chicago	33678 / 0900064	Init.	ST 1001	Road Rehabilitation (3 R/4R Standards)	Indianapolis Blvd from McShane Dr to Michigan St.	LaPorte	2.3	STPBG		Route Transfer/rel inquisitionment	CN	\$4,948,785.57	\$0.00	\$4,948,785.57				
East Chicago	33678 / 0900064	M 01	ST 1001	Road Rehabilitation (3 R/4R Standards)	Indianapolis Blvd from McShane Dr to Michigan St.	LaPorte	2.3	DEM	\$4,948,785.57	Toll Lease Amendment Proceeds	CN	\$0.00	\$0.00	(\$4,948,785.57)	\$4,948,785.57			
Comments:No MPO- Moving CN funds from FY20 to FY21																		
Munster	34603 / 1173597	Init.	IR 1025	Bike/Pedestrian Facilities	Bike/Ped Trail Connector:at Cady ditch and Marsh Ditch	LaPorte	.15	STPBG		Northwest Indiana MPO	CN	\$784,080.00	\$0.00			\$784,080.00		
										Local Funds	CN	\$0.00	\$196,020.00			\$196,020.00		
Lake County	34640 / 1172007	Init.	ST 1038	Road Reconstruction (3R/4R Standards)	45th Ave. from Whitcomb to Chase (Ph 2B)	LaPorte	1.5	STPBG		Northwest Indiana MPO	CN	\$1,752,000.00	\$0.00	\$1,752,000.00				
										Local Funds	CN	\$0.00	\$438,000.00	\$438,000.00				
Munster	35935 / 1173707	Init.	ST 1033	Bike/Pedestrian Facilities	Pennsy Greenway Trail from Fisher St south to Calumet Avenue on abandoned RR RW	LaPorte	.96	STPBG		Northwest Indiana MPO	CN	\$555,040.00	\$0.00	\$555,040.00				
										Local Funds	CN	\$0.00	\$138,760.00	\$138,760.00				
Hobart	35978 / 1382598	Init.	ST 1001	Road Reconstruction (3R/4R Standards)	County Line Road - US 6 to E. Cleveland Ave	LaPorte	1	STPBG		Northwest Indiana MPO	CN	\$6,877,000.00	\$0.00		\$6,877,000.00			
										Northwest Indiana MPO	RW	\$200,000.00	\$0.00	\$200,000.00				

*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 2020 - 2024

SPONSOR	CONTR ACT # / LEAD DES	STIP NAME	ROUTE	WORK TYPE	LOCATION	DISTRICT	MILES	FEDERAL CATEGORY	Estimated Cost left to Complete Project*	PROGRAM	PHASE	FEDERAL	MATCH	2020	2021	2022	2023	2024
Hobart	35978 / 1382598	Init.	ST 1001	Road Reconstruction (3R/4R Standards)	County Line Road - US 6 to E. Cleveland Ave	LaPorte	1	STPBG		Local Funds	CN	\$0.00	\$1,719,250.00		\$1,719,250.00			
										Local Funds	RW	\$0.00	\$50,000.00	\$50,000.00				
Hobart	35978 / 1382598	M 02	ST 1001	Road Reconstruction (3R/4R Standards)	County Line Road - US 6 to E. Cleveland Ave	LaPorte	1	STBG	\$8,596,250.00	Northwest Indiana MPO	CN	\$0.00	\$0.00		(\$6,877,000.00)	\$6,877,000.00		
										Local Funds	CN	\$0.00	\$0.00		(\$1,719,250.00)	\$1,719,250.00		
Comments:Per NIRPC Amendment 18-21 moving Construction funds from FY21 to FY22																		
Schererville	35981 / 1382603	Init.	ST 1001	Added Travel Lanes	Kennedy Ave added travel lanes from Junction St. to Oak Ave	LaPorte	.93	STPBG		Northwest Indiana MPO	CN	\$8,198,707.00	\$0.00					\$8,198,707.00
										Local Funds	CN	\$0.00	\$2,049,677.00					\$2,049,677.00
Merrillville	36230 / 1006787	Init.	ST 1001	Added Travel Lanes	Mississippi Street from 93rd Avenue to 101st Avenue	LaPorte	.7	STPBG		Northwest Indiana MPO	CN	\$3,612,000.00	\$0.00		\$3,612,000.00			
										Local Funds	CN	\$0.00	\$903,000.00		\$903,000.00			
Schererville	36259 / 1173760	Init.	ST 1001	New Road Construction	Kennedy Ave at Junction St S to 67th St and then S to US 30	LaPorte	.83	STPBG		Northwest Indiana MPO	CN	\$4,206,472.00	\$0.00	\$4,206,472.00				
										Northwest Indiana MPO	RW	\$200,000.00	\$0.00	\$200,000.00				
										Local Funds	CN	\$0.00	\$1,051,618.00	\$1,051,618.00				
										Local Funds	RW	\$0.00	\$50,000.00	\$50,000.00				
Schererville	36259 / 1173760	A 14	ST 1001	New Road Construction	Kennedy Ave at Junction St S to 67th St and then S to US 30	LaPorte	.83	STBG	\$5,000,000.00	Northwest Indiana MPO	CN	\$0.00	\$0.00	(\$4,206,472.00)	\$4,206,472.00			
										Local Funds	CN	\$0.00	\$0.00	(\$1,051,618.00)	\$1,051,618.00			
Comments:MPO Initial TIP.																		
Indiana Department of Transportation	36677 / 1298398	A 15	US 12	New Bridge, Other	Pedestrian walkway over US-1 2, 0.83 mi W of SR 912	LaPorte	0	Multiple	\$4,000,000.00	Toll Lease Amendment Proceeds	CN	\$345,307.20	\$86,326.80	\$431,634.00				
										Local Funds	CN	\$2,519,737.11	\$629,934.27	\$3,149,671.39				
										Bridge Construction	CN	\$1,051,705.60	\$262,926.40	\$1,314,632.00				
Comments:ICG on 6-26-19. The project had AQC on 7-25-19. The project was in NIRPC FY 2020-2024 TIP that was incorporated by reference on 8-22-19.																		

*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.

APPENDIX I: ADDITIONAL STUDIES

Lake County

Land and Water Conservation Fund (LWCF) County Property List for Indiana (Last Updated December 2019)

ProjectNumber	SubProjectCode	County	Property
1800005	1800005	Lake	Dowling Park
1800011	1800011	Lake	Tolleston Park
1800012	1800012	Lake	Washington Park
1800040	1800040	Lake	Homestead Park
1800055	1800055	Lake	Sheppard Memorial Park
1800059	1800059	Lake	Cheever Park
1800062	1800062	Lake	Leroy Township Park
1800063	1800063	Lake	Markley Memorial ParkEllendale Park
1800071	1800071	Lake	Cheever Park
1800087	1800087	Lake	Sheppard Memorial Park
1800102	1800102	Lake	Grand Boulevard Lake Recreation Area
1800108	1800108	Lake	Riverview Park
1800137	1800137	Lake	Northgate Park
1800150	1800150	Lake	Meadows Park
1800168	1800168	Lake	Sunnyside Park
1800170	1800170	Lake	Howe Park
1800189	1800189	Lake	Dowling Park
1800193	1800193	Lake	Harrison Park
1800194	1800194	Lake	Martin Luther King Jr. Park (Formerly Maywood Park
1800199	1800199	Lake	Ridgeway Park
1800202	1800202	Lake	Hatcher Park
1800206	1800206	Lake	Meadows Park
1800226	1800226	Lake	Hoosier Prairie Nature Preserve
1800227	1800227	Lake	Liberty Park
1800231	1800231	Lake	Pheasant Hills Community Park & Cherry Hill Tot-Lo
1800237	1800237	Lake	Wolf Lake Park (N & S)
1800239	1800239	Lake	Bluebird Park
1800253	1800253	Lake	Centennial Park
1800272	1800272	Lake	Wolf Lake Park (N & S)
1800273	1800273	Lake	Grand Kankakee Marsh County Park
1800302	1800302	Lake	Munster Community Park
1800311	1800311	Lake	25th Ave Park
1800329	1800329	Lake	Jackson Park
1800369	1800369H	Lake	Harrison Park
1800369	1800369D	Lake	Lemon Lake County Park
1800377	1800377	Lake	Main Square Park
1800386	1800386	Lake	Gibson Woods Nature Preserve/ Tolleston Ridges Nature Preserve
1800405	1800405G	Lake	Clark and Pine Dune Swale Nature Preserve
1800414	1800414	Lake	Wolf Lake Park (N & S)
1800417	1800417	Lake	Centennial (Dan Rabin) Plaza & Trail

1800424	1800424	Lake	Lake Etta County Park
1800455	1800455	Lake	Deep River - Woods Mill County Park
1800464	1800464	Lake	Festival Park & Lakefront Park
1800473	1800473	Lake	Oak Ridge Prairie Co. Park
1800488	1800488	Lake	Marquette Park
1800489	1800489	Lake	Festival Park & Lakefront Park
1800522	1800522	Lake	Pavese Park
1800523	1800523	Lake	Lakewood Park
1800523.5	1800523.5	Lake	River Drive Park
1800528	1800528	Lake	Lowell Sports Park
1800533	1800533	Lake	Hobart City Ball Park
1800555	1800555	Lake	Scherwood Golf Course
1800580	1800580	Lake	Oak Ridge Park
1800586	1800586	Lake	Teibel Nature Park
1800586.1	1800586.1	Lake	Teibel Nature Park
1800590	1800590	Lake	Deep River County Park
1800622	1800622	Lake	Fireman's Park
1800636	1800636	Lake	Parrish Avenue Park

Porter County

Land and Water Conservation Fund (LWCF) County Property List for Indiana (Last Updated December 2019)

ProjectNumber	SubProjectCode	County	Property
1800037	1800037	Porter	Woodland Park
1800050	1800050	Porter	Forest Park Golf Course
1800065	1800065	Porter	Woodland Park
1800080	1800080	Porter	Woodland Park
1800127	1800127	Porter	Indiana Dunes State Park, Dunes Nature Preserve
1800130	1800130	Porter	Bicentennial Park, Northside Park
1800171	1800171E	Porter	Indiana Dunes State Park
1800173	1800173	Porter	Indiana Dunes State Park, Dunes Nature Preserve
1800270	1800270	Porter	Harold Rogers Lakewood Park
1800276	1800276	Porter	Imagination Glen Park
1800284	1800284	Porter	Dogwood Park
1800304	1800304B	Porter	Moraine Nature Preserve
1800312	1800312E	Porter	Indiana Dunes State Park
1800327	1800327D	Porter	Indiana Dunes
1800349	1800349	Porter	Thomas Drazer Memorial ParkPleasant Twp. Pool
1800363	1800363M	Porter	Indiana Dunes State Park
1800378	1800378B	Porter	Indiana Dunes State Park
1800405	1800405Q	Porter	Moraine Nature Preserve
1800407	1800407	Porter	Imagination Glen Park
1800413	1800413L	Porter	Indiana Dunes State Park
1800429	1800429	Porter	Indiana Dunes State Park, Dunes Nature Preserve
1800443	1800443	Porter	Haven Hollow Park
1800452	1800452	Porter	Sunset Hill Farm County Park
1800460	1800460	Porter	Indiana Dunes State Park, Dunes Nature Preserve
1800484	1800484	Porter	Prairie Duneland Trail
1800495	1800495	Porter	Prairie Duneland Trail
1800498	1800498	Porter	Prairie Duneland Trail
1800539	1800539	Porter	Imagination Glen Park
1800591	1800591	Porter	Sunset Hill Farm Park
1800624	1800624	Porter	Imagination Glen Park



Headquarters:
8450 Westfield Blvd., Suite 300
Indianapolis, IN 46240-5920
T 317.713.4615
F 317.713.4616
E bfs@BFSEngr.com
www.BFSEngr.com

Branch Locations:
Ft. Wayne
Lafayette
Merrillville
Plainfield
South Bend
Louisville



August 11, 2017

This letter is being sent to the following utility contacts:

1. Comcast – Larry Smith
2. Frontier – Joseph Sarll
3. Hobart, City – Philip Gralik
4. Indiana American Water – Mike Seals
5. NIPSCO – Michelle Voss
6. Portage Utilities Field Division – Courtney Castle

Subject: Initial Notice of Proposed Improvement Project: County Line Road Phase 1 (Des 1382598)

Our firm has been assigned the task of utility coordination for the project referenced above by the Indiana Department of Transportation. In accordance with 105 IAC 13-3-1(c), this letter serves as your initial notice of the proposed improvement project: County Line Road Phase 1 (Des 1382598) in Lake County, Indiana.

In accordance with 105 IAC 13-3-1(c), the following information is provided. The dates listed in items (4) and (5) below are the currently scheduled dates.

- | | |
|---|---|
| (1) Name or route number: | County Line Road |
| (2) Geographical limits: | Along County Line Road from E 37 th Ave going South to US 130. |
| (3) General description of work: | Road Reconstruction |
| (4) Date approved work plan will be needed: | October, 2019 |
| (5) Letting Date: | July 8, 2020 |
| (6) Name of designer and contact information: | Andrea Langille, P.E. – Butler, Fairman & Seufert, Inc.,
E: ALangille@BFSEngr.com , P: 317-713-4615 |
| (7) Major or minor project: | Minor |

In accordance with 105 IAC 13-3-1(d), within 30 days after receiving the initial notice, the utility shall respond in writing with a:

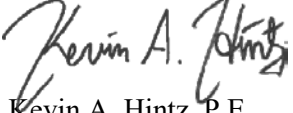
- (1) description of the type and location of its facilities within the geographical limits of the proposed improvement project (facility maps are helpful); or
- (2) statement that the utility has no facilities within the geographical limits of the improvement project.
- (3) documentation of any reimbursable property interest your utility has within the geographical limits of the improvement project

Additionally, please provide us the name, telephone number, postal address and email address of the person selected as your designated contact for this project to expedite future communications. We will contact Indiana 811 and request locates for this project prior to our survey. If you would prefer to provide us location information by some other means please contact this office to discuss.

If at any time throughout the duration of Utility Coordination to the end of Construction on this project your utility modifies, upgrades, relocates, abandons, or installs new or existing facilities please notify the Utility Coordinator at the contact information below.

Please send your response to Kevin A. Hintz, P.E., Butler, Fairman & Seufert, Inc., 8450 Westfield Blvd. Suite 300, Indianapolis, Indiana, 46240, P: (317) 713-4615, F: (317) 713-4616, UC@BFSEngr.com. Thank you for your attention to these matters.

Sincerely;

A handwritten signature in black ink that reads "Kevin A. Hintz". The signature is written in a cursive, flowing style.

Kevin A. Hintz, P.E.
Utility Coordinator

Enclosure: Location Map
Cc: Melissa French, BF&S
 Andrea Langille, BF&S

153 N. Emerson Ave.
Greenwood, IN 46143

P 317-504-9419
F 317-743-9184

To: Kevin Hintz, P.E.

From: Ellen Dado

Date: January 2, 2020

Re: County Line Rd – Lake County – Conflict Analysis - Des No. 1382598

Indiana-American Water has reviewed the current project plans and the meeting notes from December 17, 2019.

Our existing main from the south end of the project to Cleveland Avenue was installed in 2009, Indiana American Water Co. would like to avoid relocating this section of main if possible.

From North of Cleveland Avenue to the Northern end of the project limits, INAW plans to retire the existing 8-inch cast iron water main (from the 1960s) and install a 12-inch PVC main approximately 3 feet back from all proposed storm structures along County Line Road. This is depicted on the attached mark-ups. This should address the first two bullet points in the Meeting Agenda for INAW's section.

INAW requests that our water main be added to the final plans North of STA 99, as stated in the third bullet point of the Meeting Agenda for INAW.

I will be your primary contact for this work going forward, see my contact information below.

Thank You,






Ellen Dado
Engineer
153 N. Emerson Avenue
Greenwood, IN 46143
C: (317)504-9419
O: (317)743-9184
Ellen.dado@amwater.com

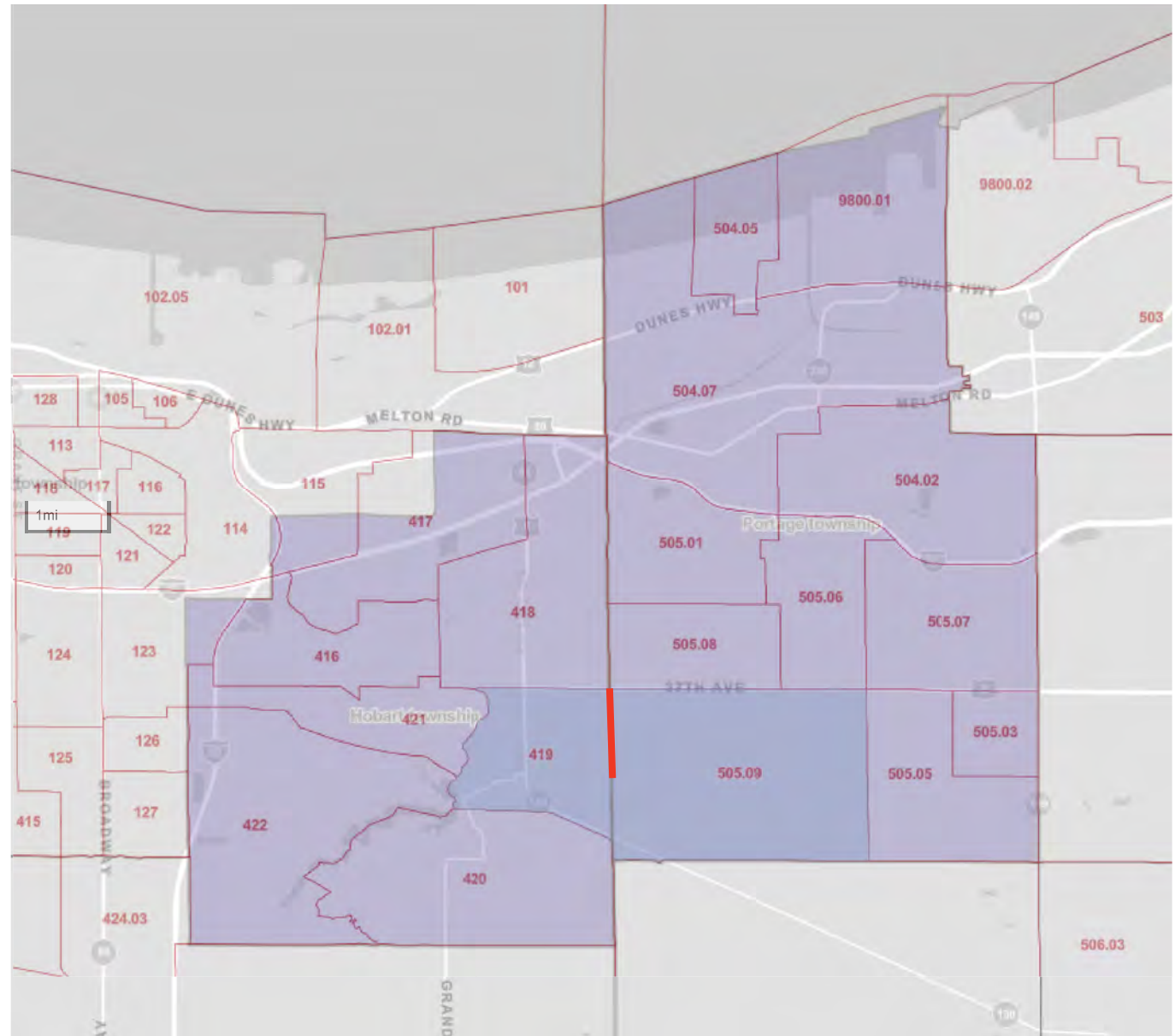
Environmental Justice Data Analysis
Des. No. 11382598: County Line Road
Source: U.S. Census Bureau 2018 ACS 5-year Estimates

		COC1	AC1	COC2	AC2
		Hobart Township, Lake County, Indiana	Census Tract 419, Lake County, Indiana	Portage Township, Porter County, Indiana	Census Tract 505.9, Porter County, Indiana
B17001	LOW-INCOME				
	Population for whom poverty status is determined: Total	38,039	4,706	46,882	4,782
	Income in the past 12 months below poverty level	7,086	489	7,450	671
	Percent Low-income	18.6%	10.4%	15.9%	14.0%
	125 Percent of COC	23.3%	AC < 125% COC	19.9%	AC < 125% COC
	Potential Population of EJ Concern?		No		No
B03002	MINORITY				
	Total population: Total	38,391	4,778	47,222	4,858
	Total population: Not Hispanic or Latino	30,660	4,232	39,378	4,138
	Total population: Not Hispanic or Latino; White alone	27,433	3,744	34,185	3,437
	Total population: Not Hispanic or Latino; Black or African American alone	1,634	232	3,459	465
	Total population: Not Hispanic or Latino; American Indian and Alaska Native alone	200	5	127	15
	Total population: Not Hispanic or Latino; Asian alone	459	71	639	0
	Total population: Not Hispanic or Latino; Native Hawaiian and Other Pacific Islander alone	8	0	0	0
	Total population: Not Hispanic or Latino; Some other race alone	10	0	0	0
	Total population: Not Hispanic or Latino; Two or more races	916	180	968	221
	Total population: Hispanic or Latino	7,731	556	7,844	720
	Total population: Hispanic or Latino; White alone	4,040	449	5,992	608
	Total population: Hispanic or Latino; Black or African American alone	159	0	447	28
	Total population: Hispanic or Latino; American Indian and Alaska Native alone	64	0	2	0
	Total population: Hispanic or Latino; Asian alone	0	0	0	0
	Total population: Hispanic or Latino; Native Hawaiian and Other Pacific Islander alone	0	0	29	0
	Total population: Hispanic or Latino; Some other race alone	2,835	61	1,065	84
	Total population: Hispanic or Latino; Two or more races	663	46	309	0
	Number Non-white/minority	10,958	1,034	13,037	1,421
	Percent Non-white/Minority	28.5%	21.6%	27.6%	29.3%
	125 Percent of COC	35.7%	AC <125% COC	34.5%	AC < 125% COC
	Potential Population of EJ Concern?		No		No

Total—Estimate

Survey/Program:	American Community Survey
Product:	2018: ACS 5-Year Estimates Detailed Tables 
Data Variable:	Total—Estimate 
Geographies:	County Subdivision 

 Project Area



Environmental Justice
County Line Road Project
Lake and Porter Counties, Indiana
Des. No. 1382598



Note: This is a modified view of the original table produced by the U.S. Census Bureau.

Note: This download or printed version may have missing information from the original table.

POVERTY STATUS IN THE PAST 12 MONTHS BY SEX BY AGE

Survey/Program:
American Community Survey
Universe:
Population for whom poverty status is determined
Year:
2018
Estimates:
5-Year
Table ID:
B17001

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

Source: U.S. Census Bureau, 2014-2018 American Community Survey 5-Year Estimates

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

While the 2014-2018 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

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

- Explanation of Symbols:
- An "**" entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
 - An "-" entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution, or the margin of error associated with a median was larger than the median itself.
 - An "-" following a median estimate means the median falls in the lowest interval of an open-ended distribution.
 - An "+" following a median estimate means the median falls in the upper interval of an open-ended distribution.
 - An "***" entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
 - An "*****" entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
 - An "N" entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
 - An "(X)" means that the estimate is not applicable or not available.

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

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

Hobart township, Lake County, Indiana			Census Tract 419, Lake County, Indiana		Portage township, Porter County, Indiana		Census Tract 505.09, Porter County, Indiana	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
▼ Total:	38,039	+/-264	4,706	+/-269	46,822	+/-176	4,782	+/-401
▲ Income in the past 12 months	7,086	+/-910	489	+/-211	7,450	+/-1,193	671	+/-373
▲ Income in the past 12 months	30,953	+/-910	4,217	+/-304	39,372	+/-1,184	4,111	+/-473

Note: This is a modified view of the original table produced by the U.S. Census Bureau.

Note: This download or printed version may have missing information from the original table.

HISPANIC OR LATINO ORIGIN BY RACE

Survey/Program:

American Community Survey

Universe:

Total population

Year:

2018

Estimates:

5-Year

Table ID:

B03002

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

Source: U.S. Census Bureau, 2014-2018 American Community Survey 5-Year Estimates

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

While the 2014-2018 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

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

Explanation of Symbols:

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

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

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

Hobart township, Lake County, Indiana			Portage township, Porter County, Indiana			Census Tract 419, Lake County, Indiana			Census Tract 505.09, Porter County, Indiana		
	Estimate	Margin of Error	Estimate	Margin of Error		Estimate	Margin of Error	Estimate	Margin of Error		
▼ Total:	38,391	+/-194	47,222	+/-36		4,788	+/-283	4,858	+/-396		
▼ Not Hispanic or Latino:	30,660	+/-578	39,378	+/-435		4,232	+/-283	4,138	+/-398		
White alone	27,433	+/-660	34,185	+/-669		3,744	+/-330	3,437	+/-453		
Black or African American	1,634	+/-507	3,459	+/-418		232	+/-204	465	+/-291		
American Indian and Alaska Native alone	200	+/-124	127	+/-70		5	+/-9	15	+/-25		
Asian alone	459	+/-211	639	+/-269		71	+/-89	0	+/-11		
Native Hawaiian and Other Pacific Islander alone	8	+/-14	0	+/-24		0	+/-11	0	+/-11		
Some other race alone	10	+/-17	0	+/-24		0	+/-11	0	+/-11		
▼ Two or more races:	916	+/-320	968	+/-278		180	+/-139	221	+/-149		
Two races including Some other race	62	+/-63	19	+/-32		51	+/-61	0	+/-11		
Two races excluding Some other race	854	+/-315	949	+/-274		129	+/-101	221	+/-149		
▼ Hispanic or Latino:	7,731	+/-563	7,844	+/-436		556	+/-109	720	+/-152		
White alone	4,040	+/-654	5,992	+/-543		449	+/-126	608	+/-164		
Black or African American	159	+/-195	447	+/-210		0	+/-11	28	+/-31		
American Indian and Alaska Native alone	64	+/-75	2	+/-4		0	+/-11	0	+/-11		
Asian alone	0	+/-24	0	+/-24		0	+/-11	0	+/-11		
Native Hawaiian and Other Pacific Islander alone	0	+/-24	29	+/-47		0	+/-11	0	+/-11		
Some other race alone	2,835	+/-658	1,065	+/-359		61	+/-49	84	+/-99		
▼ Two or more races:	633	+/-240	309	+/-157		46	+/-47	0	+/-11		
Two races including Some other race	448	+/-200	247	+/-145		30	+/-37	0	+/-11		
Two races excluding Some other race	185	+/-138	62	+/-74		16	+/-19	0	+/-11		

Corridor Assessment

County Line Road (US 30 to US 6)

Stormwater Assessment

Porter and Lake Counties, Indiana

SEH No. BUFAS 131454 4.00

August 7, 2015



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Executive Summary

Introduction

County Line Road (Rd) is located on the boundary between Porter and Lake County in the northwestern corner of Indiana. The purpose of this County Line Road Corridor Study is to review the drainage patterns and storm sewer systems in conjunction with the future reconstruction of County Line Rd from US 6 (Highway 6) to US 30. The overall study area is split into two sections named Phase 1 and Phase 2 which are discussed below along with their individual goals.

The Phase 1 study area is a 1.7 mile (mi) section of County Line Rd from US 6 to State Road 130 (SR 130) and is shown in **Figure SA-1**. Phase 1 is proposed to be reconstructed in the immediate future and requires a detailed drainage review. The goals of this detailed drainage review are as follows:

- Delineation of existing drainage areas as well as the identification of key stormwater conveyance systems.
- Computation of hydrologic parameters for the delineated drainage areas.
- Review and organize applicable design standards from the two counties (Lake and Porter), two cities (Hobart and Portage) and the Indiana Department of Transportation (IndOT)
- Preliminary design of a proposed storm sewer system with sizing of potential water quality Best Management Practices (BMPs) and detention ponds to mitigate any increased runoff due to adding driving/turning lanes and trails.
- Discuss alternative conveyance and water quality design options to give the stakeholders flexibility.

The project is located in two counties, two cities and is part of an Indiana DOT funded project. Each of these agencies have their own stormwater design standards which are summarized in **Appendix SA-2**. The study provides project recommendations, but they are based on assumptions and interpolation of the requirements of each of the five agencies that are part of the project. The final project will require that each of the stakeholders review the study and confirm that it meets their requirements. A stakeholder meeting will be critical part of the project after the study is reviewed so a consensus on the final project design criteria can be determined.

The Phase 2 area for this study is a 3.4 mile section of County Line Rd that extends from SR 130 to about 2,000 feet (ft) north of US 30 (see **Figure SA-2**). Phase 2 will not be reconstructed in the immediate future, however, a drainage review is required to aid future design work by city planners and engineers. The goals for this portion of the study area are:

- Delineate existing drainage areas and identify key drainage patterns surrounding and draining to County Line Rd.
- Compute hydrologic parameters for delineated drainage areas for future hydrologic modeling of the study area.
- Label high and low points along this stretch of County Line Rd for future roadway design purposes.
- Locate contributing drainage areas for the key drainage crossings along County Line Rd for use in future bridge/culvert sizing.

Phase 1 Recommendations

The primary deliverable for the project is the preliminary design proposed drainage recommendations for the Phase 1 area of the project. The sections of storm sewer along County Line Rd are divided based on the proposed outlet point and the recommendations are discussed in terms of the proposed storm sewer system, peak flow mitigation, water quality and alternatives considered. The proposed storm layout is shown in **Figures SA-7 and SA-10**.

2.0 Current Conditions

2.1 Watershed Overview

The entire area of this study flows west into the City of Hobart and Lake County. Phase 1 and Phase 2 belong to the Deep River-Portage Burns Waterway watershed (HUC 10; Basin Code 0404000105) which drains west to the Deep River and then northeast to Lake Michigan. Water reaches Deep River via county ditches, Duck Creek or tributaries of Duck Creek or Deep River, of which there are several that cross County Line Rd. At a smaller scale, County Line Rd acts as an east-west drainage divide for the area immediately surrounding it since the roadway is primarily a rural section. The areas that drain east from County Line Rd eventually reach a drainage crossing and flow west toward Deep River.

The entire study area has very low relief with natural and manmade surface storage depressions and seasonal wet spots based on aerial imagery and elevation data. The soils in the area are primarily poorly-drained to somewhat poorly-drained and the dominant land use is agricultural indicating that there is most likely tile drainage beneath these cultivated fields. Visibly, there are larger agricultural ditch systems that collect water from the farm fields and convey the agricultural runoff to the natural streams leading to Deep River.

2.2 Field Reconnaissance

The Phase 1 area of the project required a field visit to better understand the site. A field visit of the area was completed on March 16, 2015, for the area between US 6 and SR 130. As part of the visit, several photographs, which are georeferenced, were taken of the existing drainage systems as well as field notes. Additionally, a detailed survey was completed by Butler, Fairman & Seufert Civil Engineers (BF&S), which included structure and invert surveys.

The Phase 2 study area was primarily examined via GoogleMaps and the other data discussed in Section 3.2 since the level of detail for the required analysis was less than Phase 1. However, on May 6, 2015, a field visit was performed by SEH to confirm the sizes of the key drainage crossings of County Line Rd.

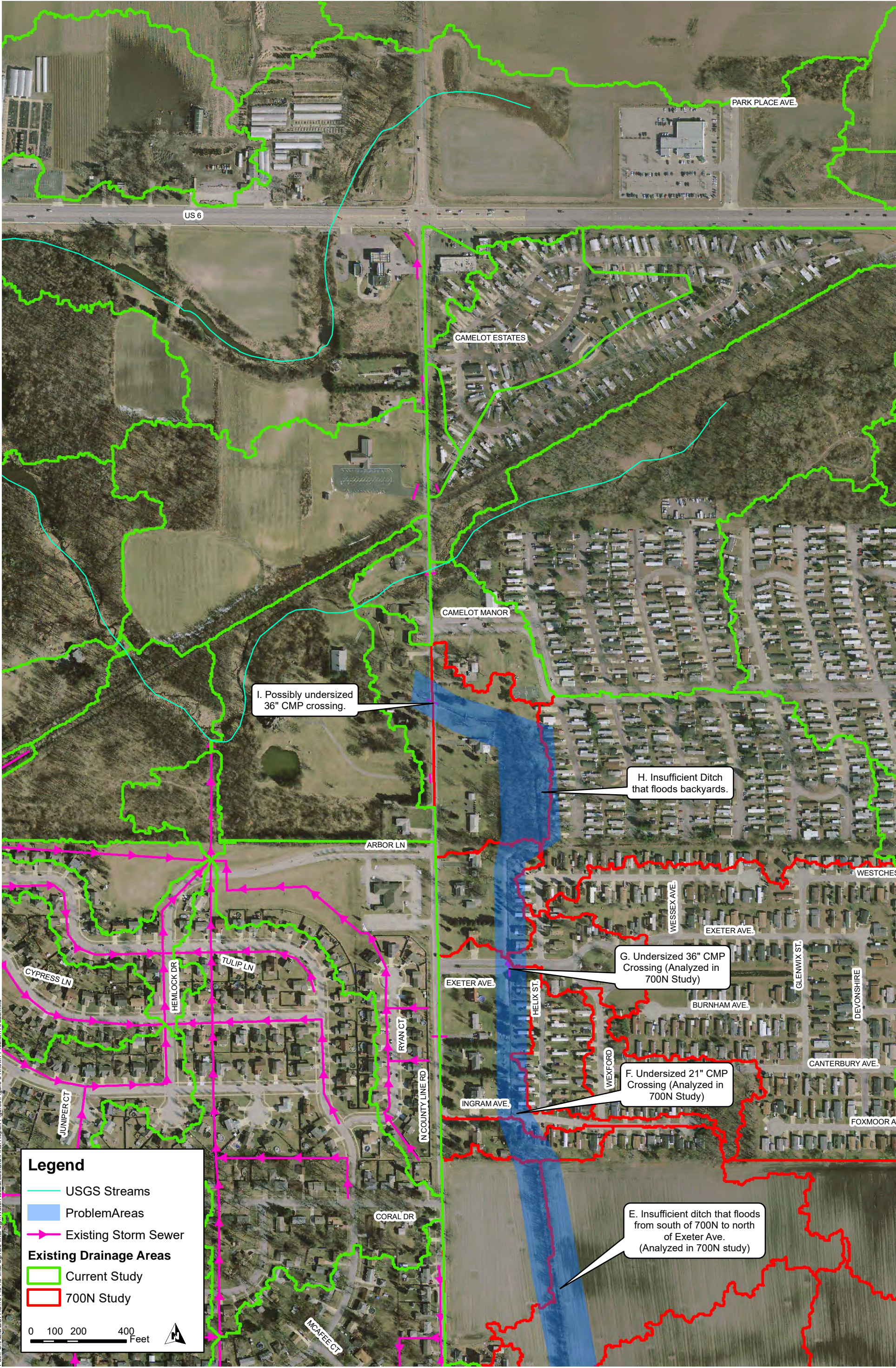
2.3 Phase 1 Known Drainage Issues

There are several known drainage issues along the project area from the previous 700N study as well as from the investigation performed in this study. The drainage issues mentioned here are only for the Phase I area because the proposed design aims to alleviate these issues. There may be problem areas in Phase 2 but they are outside the scope of this project since that portion of County Line Rd is not being reconstructed in the immediate future.

Figure SA-3 displays the drainage issues along Phase 1 and labels whether they are from the 700N study or the current study. **Table 1** summarizes the issues shown in **Figure SA-3**:

Table 1
Phase 1 Known Drainage Issues

Issue	Station	Source¹	Description
A.	25+00 to 31+00	Current Study	On the west side of County Line Rd there is no outlet for this cultivated field drainage area.
B.	27+00 to 30+00	Current Study	Standing water until there is enough depth to flow east.
C.	43+00	Current Study	There is a 15" CMP culvert flowing from west to east that has negligible slope, is clogged and likely undersized causing standing water in the area.
D.	62+50	700N Study	There is an undersized 24" CMP flowing south to north under 700N. The previous study recommended it be upsized to a dual 30" CMP culverts.
E.	62+50 to 83+60	700N Study	The ditch between 700N and Exeter Ave has limited capacity and is filled with debris and sediment. There is flooding of the backyards due to this ditch and the two culverts surrounding it. The previous study recommended that the ditch be cleaned and re-graded.
F.	77+40	700N Study	There is an undersized 21" CMP flowing south to north under Ingram Ave. The previous study recommended it be upsized to dual 30" CMP culverts.
G.	83+60	700N Study	There is an undersized 36" CMP flowing south to north under Exeter Ave. The previous study recommended that an additional 36" CMP be added.
H.	83+60 to 95+00	Current Study	This ditch is overgrown and does not have adequate conveyance causing flooding in backyards of Camelot Manor.
I.	95+00	Current Study	The 36" CMP crossing is potentially undersized, backing up water into the insufficient 700N ditch.
¹ Refer to the 700N study for additional information on those issues referenced from that report.			





Elizabeth Biggio

From: Bronson, Bob <bbronson@dnr.IN.gov>
Sent: Friday, May 8, 2020 9:02 AM
To: Elizabeth Biggio
Cc: Spiess, Jessica J; Miller, Brandon; Fair, Terri; Andrea Langille
Subject: RE: Outdoor Rec Coordination 1382598

All, If the outdoor recreation utility of the Prairie Duneland trail is maintained and there is no permanent taking of park/trail land after construction then there is no negative impact on the LWCF 6(f)3 boundary.
Sincerely

Bob Bronson
Grants Section Chief
Division of Outdoor Recreation
Department of Natural Resources
402 W. Washington St. W271
Indianapolis, IN 46204
317-232-4075
www.dnr.IN.gov

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From: Elizabeth Biggio [mailto:EBiggio@bfsengr.com]
Sent: Friday, May 08, 2020 8:21 AM
To: Bronson, Bob <bbronson@dnr.IN.gov>
Cc: Spiess, Jessica J <JSpiess@indot.IN.gov>; Miller, Brandon <BraMiller1@indot.IN.gov>; Fair, Terri <TFair@indot.IN.gov>; Andrea Langille <alangille@bfsengr.com>
Subject: FW: Outdoor Rec Coordination 1382598

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

Bob,

I am writing to coordinate concerning a road reconstruction project sponsored by the City of Hobart on County Line Road in Lake and Porter Counties (Des. 16382598). As part of the project, Improvements will be made to the Oak Savannah/Prairie Duneland Trail crossing of County Line Road, approximately 0.23 mile south of US 6 (Ridge Road), including a mid-crossing refuge, new signage and pavement markings, and a Rectangular Rapid Flash Beacon (RRFB). Prairie Duneland Trail is a Section 6(f) property.

The overall project consists of pavement reconstruction and widening, sidewalk replacement and extension, and drainage improvements between US 36 (Ridge Road, W. 37th Avenue) and approximately 400 feet south of Cleveland Avenue (W. County Road 700 North). Approximately 0.13 acre of temporary ROW acquisition and a 0.08-acre drainage and utility easement are anticipated from the Prairie Duneland Trail. No permanent ROW will be acquired from the trail. The temporary ROW will be used to reconstruct the trailhead and crossing of County Line Road and to replace a gas main. No part of the trail will be converted to non-recreational use.

Please see the enclosed plan sheet.

Thank you for your help,

APPENDIX J: SECTION 4(f)

April 16, 2020



Lori Wilkie
Superintendent
City of Portage Parks and Recreation Department
2100 Willowcreek Road
Portage, Indiana 46368

Headquarters:

8450 Westfield Blvd., Suite 300
Indianapolis, IN 46240-5920
T 317.713.4615
F 317.713.4616
E bfs@BFSEngr.com
www.BFSEngr.com

Branch Locations:

Fort Wayne
Jeffersonville
Lafayette
Merrillville
Plainfield

Founded 1961



RE: Section 4(f) Temporary Occupancy: Des. No.: 1382598, County Line Road
Reconstruction, 2.7 miles south of I-80 and 4.55 miles east of the I-65/37th Avenue
Interchange, Lake County and Porter County, Indiana

Dear Superintendent Wilkie,

The City of Hobart, with funding from the Federal Highway Administration and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with the above referenced project, a reconstruction of County Line Road between US 6 (Ridge Road, 37th Avenue) and Cleveland Avenue (County Road 700 North), Des. No. 1382598. The project will consist of approximately 1.03 miles of road reconstruction with the addition of two-way-left-turn lanes as well as drainage improvements and sidewalk construction. The proposed undertaking will include the reconstruction of the Oak Savannah/Prairie Duneland Trail crossing of County Line Road, approximately 0.23 mile south of US 6. Improvements to the crossing will consist of the addition of a mid-crossing refuge, new signage and pavement markings, and a Rectangular Rapid Flash Beacon (RRFB). The crossing will have Americans with Disabilities Act-compliant curb ramps. Approximately 3.46 acres of additional, permanent right-of-way (ROW) will be acquired, none of which will be acquired from the publicly owned Oak Savannah Trail/Prairie Duneland Trail.

Section 4(f):

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

The Oak Savannah/Prairie Duneland Trail, which travels through the proposed project area, is a Section 4(f) resource. There is 0.13 acre of temporary ROW acquisition and a 0.08-acre drainage and utility easement anticipated from the Prairie Duneland Trail. There is 0.15 acre of temporary ROW acquisition and a 0.07-acre drainage and utility easement anticipated from the Oak Savannah Trail. The temporary ROW will be used to reconstruct the trail crossing. The existing gas main will be relocated from underneath County Line Road to the utility easement on the east side of the trail. The existing communications and electric lines will be replaced within the easement on the west side. The project will replace the trail crossing of County Line Road and tie into the existing trail but will not convert any section of the Oak Savannah/Prairie Duneland Trail to transportation use. A detour or temporary path will be instituted during construction of the trail crossing and utility relocation. The detour will last no more than 90 days.

Section 4(f) Temporary Occupancy:

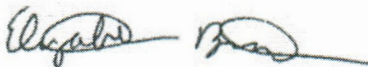
Pursuant to 23 CFR 774.13(d), temporary occupancy results when a Section 4(f) property, in whole or in part, is required for project construction related activities. Temporary occupancies are so minimal as to not constitute a use within the meaning of Section 4(f).

This project will constitute a temporary occupancy and will not constitute a Section 4(f) use because all the conditions listed in 23 CFR 774.13(d) are satisfied:

1. Duration must be temporary, i.e., less than the time needed for construction of the project, and there should be no change in ownership of the land; **The temporary occupancy of the Oak Savannah/Prairie Duneland Trail will last less than the duration of construction and no permanent ROW will be acquired from the trail.**
2. Scope of the work must be minor, i.e., both the nature and the magnitude of the changes to the Section 4(f) property are minimal; **Work on the trail will reconstruct the road crossing on the same alignment. Changes will consist of safety improvements: a mid-crossing refuge, new signage and pavement markings, and an RRFB.**
3. There are no anticipated permanent adverse physical impacts, nor will there be interference with the protected activities, features, or attributes of the property, on either a temporary or permanent basis; **The project will not cause permanent adverse physical impacts to the Oak Savannah/Prairie Duneland trail. Activities on the Trail will be maintained during construction through use of a detour or temporary path. Trail use will return to its present condition after work is complete.**
4. The land being used must be fully restored, i.e., the property must be returned to a condition which is at least as good as that which existed prior to the project; **The project will return the trail to an improved condition. Land disturbed by the relocation of the gas main will be restored.**
5. There must be documented agreement of the official(s) with jurisdiction over the Section 4(f) resource regarding the above conditions. **Please see below.**


Under Condition 5, there must be documented agreement from the Lake County Parks and Recreation Department and the Portage Department of Parks and Recreation that the project will not impact the Oak Savannah/Prairie Duneland Trail, which is a Section 4(f) resource. If you concur, please sign the line below and return the signed concurrence to the contact below. If you have any questions or concerns, please contact Elizabet Biggio at 317-713-4615 or ebiggio@bfsengr.com.

Sincerely,



Elizabet Biggio
Architectural Historian II
Butler, Fairman and Seufert, Inc.

I concur with the criteria above regarding the Prairie Duneland Trail. I am the Official With Jurisdiction (OWJ) over the segment of the Prairie Duneland Trail in question.


Lori Wilkie, Superintendent
Portage Parks and Recreation Department

4-17-2020
Date

April 16, 2020



Craig Zandstra
Superintendent of Planning and Natural Resources
Lake County Parks and Recreation
8411 East Lincoln Highway
Crown Point, Indiana 46307

Headquarters:

8450 Westfield Blvd., Suite 300
Indianapolis, IN 46240-5920
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www.BFSEngr.com

Branch Locations:

Fort Wayne
Jeffersonville
Lafayette
Merrillville
Plainfield

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RE: Section 4(f) Temporary Occupancy: Des. No.: 1382598, County Line Road
Reconstruction, 2.7 miles south of I-80 and 4.55 miles east of the I-65/37th Avenue
Interchange, Lake County and Porter County, Indiana

Dear Superintendent Zandstra,

The City of Hobart, with funding from the Federal Highway Administration and administrative oversight from the Indiana Department of Transportation (INDOT), proposes to proceed with the above referenced project, a reconstruction of County Line Road between US 6 (Ridge Road, 37th Avenue) and Cleveland Avenue (County Road 700 North), Des. No. 1382598. The project will consist of approximately 1.03 miles of road reconstruction with the addition of two-way-left-turn lanes as well as drainage improvements and sidewalk construction. The proposed undertaking will include the reconstruction of the Oak Savannah/Prairie Duneland Trail crossing of County Line Road, approximately 0.23 mile south of US 6. Improvements to the crossing will consist of the addition of a mid-crossing refuge, new signage and pavement markings, and a Rectangular Rapid Flash Beacon (RRFB). The crossing will have Americans with Disabilities Act-compliant curb ramps. Approximately 3.46 acres of additional, permanent right-of-way (ROW) will be acquired, none of which will be acquired from the publicly owned Oak Savannah Trail/Prairie Duneland Trail.

Section 4(f):

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

The Oak Savannah/Prairie Duneland Trail, which travels through the proposed project area, is a Section 4(f) resource. There is 0.15 acre of temporary ROW acquisition and a 0.07-acre drainage and utility easement anticipated from the Oak Savannah Trail. There is 0.12 acre of temporary ROW acquisition and a 0.08-acre drainage and utility easement anticipated from the Prairie Duneland Trail. The temporary ROW will be used to reconstruct the trail crossing. The existing gas main will be relocated from underneath County Line Road to the utility easement on the east side of the trail. The existing communications and electric lines will be replaced within the easement on the west side. The project will replace the trail crossing of County Line Road and tie into the existing trail but will not convert any section of the Oak Savannah/Prairie Duneland Trail to transportation use. A detour or temporary path will be instituted during construction of the trail crossing and utility relocation. The detour will last no more than 90 days.

Section 4(f) Temporary Occupancy:

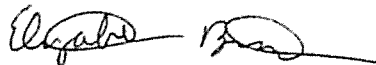
Pursuant to 23 CFR 774.13(d), temporary occupancy results when a Section 4(f) property, in whole or in part, is required for project construction related activities. Temporary occupancies are so minimal as to not constitute a use within the meaning of Section 4(f).

This project will constitute a temporary occupancy and will not constitute a Section 4(f) use because all the conditions listed in 23 CFR 774.13(d) are satisfied:

1. Duration must be temporary, i.e., less than the time needed for construction of the project, and there should be no change in ownership of the land; **The temporary occupancy of the Oak Savannah/Prairie Duneland Trail will last less than the duration of construction and no permanent ROW will be acquired from the trail.**
2. Scope of the work must be minor, i.e., both the nature and the magnitude of the changes to the Section 4(f) property are minimal; **Work on the trail will reconstruct the road crossing on the same alignment. Changes will consist of safety improvements: a mid-crossing refuge, new signage and pavement markings, and an RRFB.**
3. There are no anticipated permanent adverse physical impacts, nor will there be interference with the protected activities, features, or attributes of the property, on either a temporary or permanent basis; **The project will not cause permanent adverse physical impacts to the Oak Savannah/Prairie Duneland trail. Activities on the Trail will be maintained during construction through use of a detour or temporary path. Trail use will return to its present condition after work is complete.**
4. The land being used must be fully restored, i.e., the property must be returned to a condition which is at least as good as that which existed prior to the project; **The project will return the trail to an improved condition. Land disturbed by the relocation of the gas main will be restored.**
5. There must be documented agreement of the official(s) with jurisdiction over the Section 4(f) resource regarding the above conditions. **Please see below.**

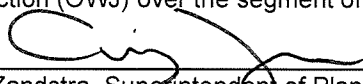
Under Condition 5, there must be documented agreement from the Lake County Parks and Recreation Department and the Portage Department of Parks and Recreation that the project will not impact the Oak Savannah/Prairie Duneland Trail, which is a Section 4(f) resource. If you concur, please sign the line below and return the signed concurrence to the contact below. If you have any questions or concerns, please contact Elizabet Biggio at 317-713-4615 or ebiggio@bfsengr.com.

Sincerely,



Elizabet Biggio
Architectural Historian II
Butler, Fairman and Seufert, Inc.

I concur with the criteria above regarding the Oak Savannah Trail. I am the Official With Jurisdiction (OWJ) over the segment of the Oak Savannah Trail in question.



Craig Zandstra, Superintendent of Planning and Natural Resources
Lake County Parks and Recreation

4/15/2020

Date

H:\157071\ProDevelopment\Drawings\57071R400.dwg Bill Hutton Plot:4/16/2020 8:15 AM Save:4/16/2020 8:12 AM

