APPLICANT INFORMATION



SECTION 401 WQC REGIONAL GENERAL PERMIT NOTIFICATION

State Form 51937 (R5 / 7-18)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (IDEM) and U.S. ARMY CORPS OF ENGINEERS (USACE)

Authorities: Section 401 Water Quality Certification, Section 404 of the Clean Water Act, and Section 10 of the Rivers and Harbor Act

INSTRUCTIONS: 1. Familiarize yourself with the terms and conditions of this permit.

2. Read the instructions before filling out this form.

3. All applicable sections of this two (2) page form must be completed.

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Date Received (mm/dd/yyyy)

2-16-23

IDEM ID

2023-144-6-JWR-X

Processing Date (mm/dd/yyyy) 2-16-23

Name of Project: CR900 Bridge Over Withe (Young) Creek Replacement Project		Designation Number: N/A					
Applicant: Boone County			Agent (Name of Company): Lochmueller Group				
Contact Person: Mike Goralski			Contact Person: David Duncan				
Address (number and street): 1955 Indianapolis Ave		Address (number and street) : 6200 Vogel Rd					
City: Lebanon	State: IN	ZIP Code: 46052	City: Evansville Sta	te: IN	ZIP Code:	47715	;
Telephone Number: (765) 482-4	550		Telephone Number: (812) 479-620	0			
E-mail Address: mgoralski@boo	ne.in.us		E-mail Address: dduncan@lochgro	up.co	pm .		
		PROJECT L	OCATION				
County: Boone			Nearest Town: Colfax				
Quad Name: Colfax		Section: 18 & 19	Township: 20N		Range: 2W		
Latitude: 40.171488°N			Longitude: -86.687987°W				
Project Address and Driving Directions: From I-465 in Indianapolis, IN take I-65 north. Travel north on I-65 for approximately 22 miles to SR47 (Exit 146), turn left (west). Travel west on SR47 for miles to CR1075W, turn right (north). Follow CR1075N for 1.5 miles to CR1050W. Continue north on CR1050W for 1 mile to CR900, turn left (west). Travel west for 1.13 miles to reach the project area. The project area is located 0.6 mile west of the CR900N and CR1100W intersection.							
		EXISTING CONDITIONS (ON THE PROJECT SITE				
Lake: ☐ Yes ☒ No	Name of Lak	ke: N/A					
Stream: ☐ Yes ☐ No	Name of Str	eam: Withe (Young) Creek	Stream Type: Pere	nnial	☐ Intermittent	I	Ephemeral
Wetlands: ☐ Yes ☒ No	Acreage on	the site by Wetland Type(s):	Emergent Scrub-Shi	ub	Forested	i	
	,	d/yyyy) of Wetland Delineation: d/yyyy) of the U.S. Army Corps of	Engineers Jurisdiction Corresponde	nce:			
PROJECT IMPACTS							
Activity Description: The CR900N Bridge Replacement Project in Boone County, IN includes replacement of the existing 18.3 ft L x 24.1 ft W x 7 ft T concrete box-beam bridge over Withe (Young) Creek with a new 48 ft L x 28 ft W x 7.6 ft T three-sided concrete box which will result in impacts to jurisdictional waters. The bridge replacement includes channel clearing, both upstream and downstream of the new box along with placement of riprap scour protection through the structure and at the inlet and outlet of the structure extending on both sides along each bank. The OHWM of Withe (Young) Creek is 13.4 ft W x 1.8 ft D. Total cumulative permanent impacts below the OHWM of Withe (Young) Creek include 167 ft (0.04 ac) for the excavation of 268.7 cyd of soil, concrete, and timbers and the placement of 7.7 cyd of clean fill. Permanent impacts below the OWHM along the right bank of Withe (Young) Creek include 82.7 ft (0.004 ac) for the placement of 4.2 cyd of revertment protection. Approximate dimensions of the revertment riprap placed along the right bank is 108.41 ft by 6 ft to 14.5 ft M with 27.7 ft L x 0.5 ft M w 1.5 ft D. Placed below the OHMM of Witho (Young) Creek Represents impacts.							

Purpose of Project:

Impacts to the Withe (Young) Creek streambed will be restored with native substrate.

The purpose of the project is to replace the deteriorating existing structure carrying CR900N over Withe (Young) Creek to provide a safe crossing for the traveling public, while maintaining adequate flow of Withe (Young) Creek. Revetment riprap is being installed to prevent scour.

along the left bank of Withe (Young) Creek include 60.5 ft (0.002 ac) for the placement of 3.5 cyd of revetment riprap for scour protection. Approximate dimensions of the revetment riprap being placed along the left bank is 106 ft L x 6 ft to 12.3 ft W x 1.5 ft D with 60.5 ft L x 0.5 ft to 3 ft W x 1.5 ft D placed below the OWHM of Withe (Young) Creek. Permanent impacts through the center of Withe (Young) Creek include 131 ft (0.034 ac) for the excavation of 268.7 cyd of soil for channel clearing. Temporary impacts below the OWHM of Withe (Young) Creek include 10 ft (0.004 ac)/(0.002 ac and 5 ft ea.) for placement of two sandbag cofferdams to support installation of a temporary pump-around. Temporary impacts are anticipated to be in place for 60 days. All temporary and permanent impacts with the Withe (Young) Creek floodway not stabilized with riprap, shall be seeded with INDOT seed-mix Floodplain.

For	Lake Impact (Acceptable fill is defined in the instructions):
(1)	Linear feet of shoreline impact (Example – Seawall): N/A
(2)	Type of fill below the Ordinary High Water Mark: N/A Volume (Cubic Yards): N/A Acres: N/A
(3)	Does the shoreline or open water area have vegetation present?
(4)	Open water fill beyond shoreline (Examples – Boat Well, Underwater Beach): Type of Fill: N/A Acres: N/A
For	Stream Impact (Acceptable fill is defined in instructions):
(1)	Total linear feet of stream impact (Examples - bank stabilization, bridge construction or culvert placement, seawall work): 167 ft
(2)	Total acre(s) of stream impact: <u>0.04 ac</u>
(3)	Type of fill below the Ordinary High Water Mark: Revetment Riprap Volume (Cubic Yards): 7.7 cyd
(4)	Proposed start date of work in the stream (mm/dd/yyyy): 04/01/2023 Proposed end date of work in the stream (mm/dd/yyyy): 12/31/2024
(5)	Channel width in feet (See instructions): 13.4 ft Channel depth in feet (See instructions): 1.8 ft
(6)	Cross-sectional area below the Ordinary High Water Mark: 24.12 sqft
(7)	For stream crossings, type of structure proposed to be Installed (Examples: three-sided or four-sided culvert, bridge, pipe): Three-sided Box
(8)	For stream crossings, width of culvert structure/diameter of pipe to be Installed (feet): 28 ft Length of culvert structure/pipe (feet): 48 ft
(9)	For stream crossings, substrate type (i.e. sand, soil or unconsolidated till, bedrock or consolidated till): Silt, sand, gravel, cobble
(10)	Open water fill that projects beyond the stream bank: Type of fill: N/A Acre(s) of open water impact: N/A
For	Wetland Impact (Acceptable fill is defined in instructions):
(1)	Type of fill: N/A
(2)	Acre(s) of Impact: N/A Emergent N/A Scrub-Shrub N/A Forested
` '	
` '	SIGNATURE OF APPLICANT – STATEMENT OF AFFIRMATION
Isw	SIGNATURE OF APPLICANT – STATEMENT OF AFFIRMATION vear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10, that the statements and resentations in this notification are true, accurate, and complete.
I sw repr I cer pen to d	vear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10, that the statements and
I sw repr I cer pen to d agre fede	rear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10, that the statements and resentations in this notification are true, accurate, and complete. rtify that I have the authority to undertake and will undertake the activities exactly as described in this notification form. I am aware that there are alties for submitting false information. I understand that any changes in project design subsequent to IDEM's and the USACE's granting of authorization ischarge to a water of the U.S. are not authorized, and that I may be subject to civil and criminal penalties for proceeding without proper authorization. I even allow representatives of IDEM and the USACE to enter and inspect the project site. I understand that the granting of other permits by local, state, or even agencies does not release me from the requirement of obtaining the authorization requested herein before commencing the project.
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I sw reprint to d agreef feder Sig Print (1) (2) (3) (4) (5)	rear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10, that the statements and resentations in this notification are true, accurate, and complete. It if y that I have the authority to undertake and will undertake the activities exactly as described in this notification form. I am aware that there are alties for submitting false information. I understand that any changes in project design subsequent to IDEM's and the USACE's granting of authorization ischarge to a water of the U.S. are not authorized, and that I may be subject to civil and criminal penalties for proceeding without proper authorization. I exercise to allow representatives of IDEM and the USACE to enter and inspect the project site. I understand that the granting of other permits by local, state, or eral agencies does not release me from the requirement of obtaining the authorization requested herein before commencing the project. Inature of Applicant: Date (mm/dd/yyyy): 1/11/2023 Title: County Engineer County Engineer County Engineer Cross sections of proposed project is out of scope. Drawings of existing site and proposed project Cross sections of proposed activities showing extent of fill waterward (for seawall, shoreline, and stream bank stabilization impacts) Cross sections of proposed activities showing the bankfull width or Ordinary High Water Mark of the stream At least three photos of the site, labeled
I sw reprint to d agree federal Sign Print (2) (3) (4) (5) (6)	rear or affirm, under penalty of perjury as specified by IC 35-44.1-2-1 and other penalties specified by IC 13-30-10, that the statements and resentations in this notification are true, accurate, and complete. rifly that I have the authority to undertake and will undertake the activities exactly as described in this notification form. I am aware that there are alties for submitting false information. I understand that any changes in project design subsequent to IDEM's and the USACE's granting of authorization ischarge to a water of the U.S. are not authorized, and that I may be subject to civil and criminal penalties for proceeding without proper authorization. I see to allow representatives of IDEM and the USACE to enter and inspect the project site. I understand that the granting of other permits by local, state, or eral agencies does not release me from the requirement of obtaining the authorization requested herein before commencing the project. Inature of Applicant: Date (mm/dd/yyyy): 1/11/2023
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IDEM receives this notification form, your project is authorized, subject to the terms and conditions of the Section 401 Water Quality Certification and its

conditions. You will not receive a written confirmation of authorization from IDEM, however the USACE will issue written authorization.

Indiana Department of Environmental Management 401 WQC and

US Army Corp of Engineers Section 404
Permit Application

December 2022
CR900N Over Withe (Young) Creek
Bridge Replacement Project
Prepared by: Dave Duncan

County: Boone

Structure No.: 06-00021



Lochmueller Group, Inc.

6200 Vogel Road

Evansville, Indiana 47715

Rhone: 812.479.6200

IDEM401/USACE404 Permit Application CR900N Over Withe (Young) Creek Bridge Replacement Project Boone County, Indiana

State Form 51821 (R5/7-18)	1
Waters Resources Map	3
Design Plans and Cross Sections	
Water of the U.S. Report (May 6, 2022)	
IDNR Heritage Database Search Results	. 38



PROJECT	DESIGNATION
2021-12	N/A
CONTRACT	BRIDGE FILE
N/A	06-00021

STRUCTURE INFORMATION						
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION		
06-00021	Precast Reinforced-Concrete Three-Sided Structure	1 Span: 28'-0" Skew: 10°00'00" Rt.	Young Creek	16+25.82 "A"		

NOTE: Structure Replaces Small Structure SC015



LOCHMUELLER

BOONE COUNTY HIGHWAY DEPARTMENT

BRIDGE PLANS

FOR SPANS OVER 20 FEET

CR 900 N OVER YOUNG CREEK

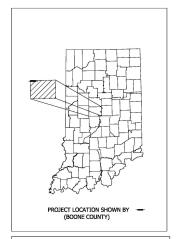
PROJECT NO. 2021-12

PLANS PREPARED BY: LOCHMUELLER GROUP, INC.

Bridge Replacement on County Rd. 900 N over Young Creek Located 0.6 miles west of County Rd. 1100 W Sections 18 & 19, T-20-N, R-2-W, Sugar Creek Township, Boone County

APPROVED BY: BOONE COUNTY BOARD OF COMMISSIONERS R-3-W R-2-W COLFAX Jeff Wolfe, President County Rd. 900 N over Young Creek Bridge File: 06-00021 Sta. 16+25.82 "A" CR W 700 S Don Lawson, Vice President Tom Santelli, Member DATE SCALE: 1"=2000" CR W 900 N **BOONE COUNTY AUDITOR** End Project Sta. 20+25.00 "A" Begin Project | Debbie Crum RECOMMENDED FOR APPROVAL BY: BOONE COUNTY HIGHWAY DEPARTMENT CR W 800 N LOCATION MAP Mike Goralski, PE, County Engineer DATE PLANS PREPARED BY: LOCHMUELLER GROUP, INC. (317) 222-3880 PHONE NUMBER

TRAFFIC D	ATA	
A.A.D.T.	(2023)	100 V.P.D.
A.A.D.T.	()	V.P.D.
D.H.V	()	V.P.H.
DIRECTIONAL DISTRIBU	TION	50/50 %
TRUCKS		-% A.A.D.T
		-% D.H.V.
DESIGN D	ATA	
DESIGN D	ATA	45 M.P.H
		45 M.P.H 3R (NON-FREEWAY)
DESIGN SPEED	RIA	
DESIGN SPEED PROJECT DESIGN CRITE	RIA	3R (NON-FREEWAY)
DESIGN SPEED PROJECT DESIGN CRITE FUNCTIONAL CLASSIFIC	RIA	3R (NON-FREEWAY) LOCAL STREET



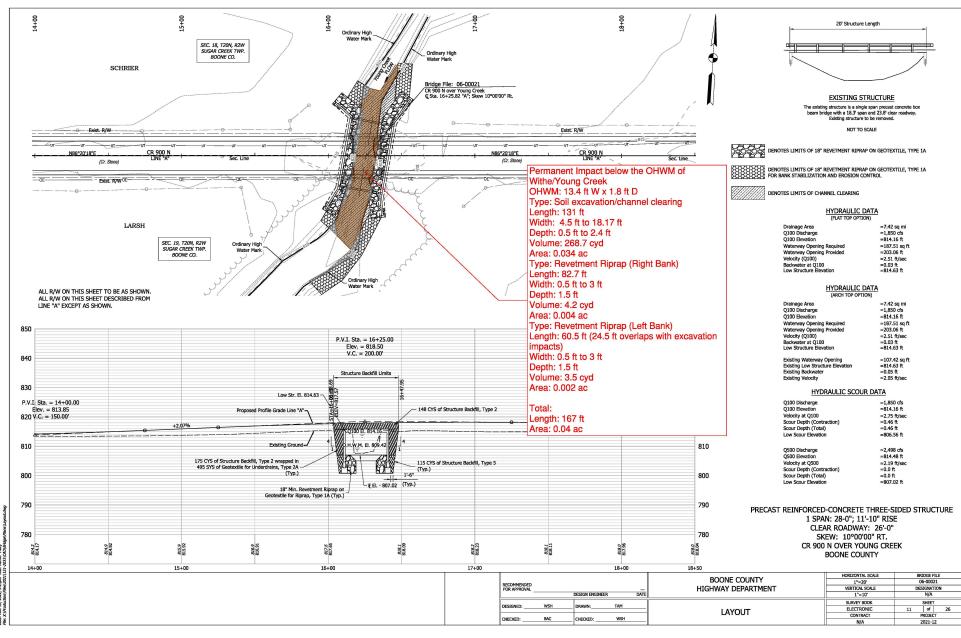
LATITUDE: 40°10'17" N	LONGITUDE:	86°41'17" W
BRIDGE LENGTH:	0.006	MI.
ROADWAY LENGTH:	0.131	MI.
TOTAL LENGTH:	0.137	MI.
MAX. GRADE:	+2.07	%

HUC12:	051201100405
HUC14:	05120110020060

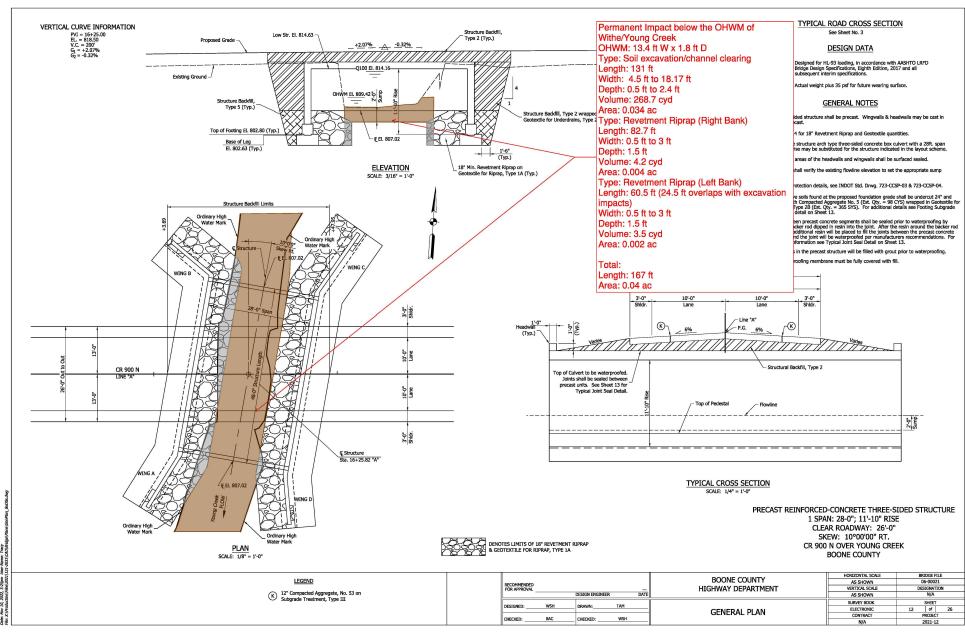
INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2022 & BOONE COUNTY STANDARD DRAWINGS DATED 2021 TO BE USED WITH THESE PLANS

	06-00021		
	DESIGNATION		
		N/A	
SURVEY BOOK	SHEET		
ELECTRONIC	1 of 8		
CONTRACT		PROJECT	
N/A		2021-12	

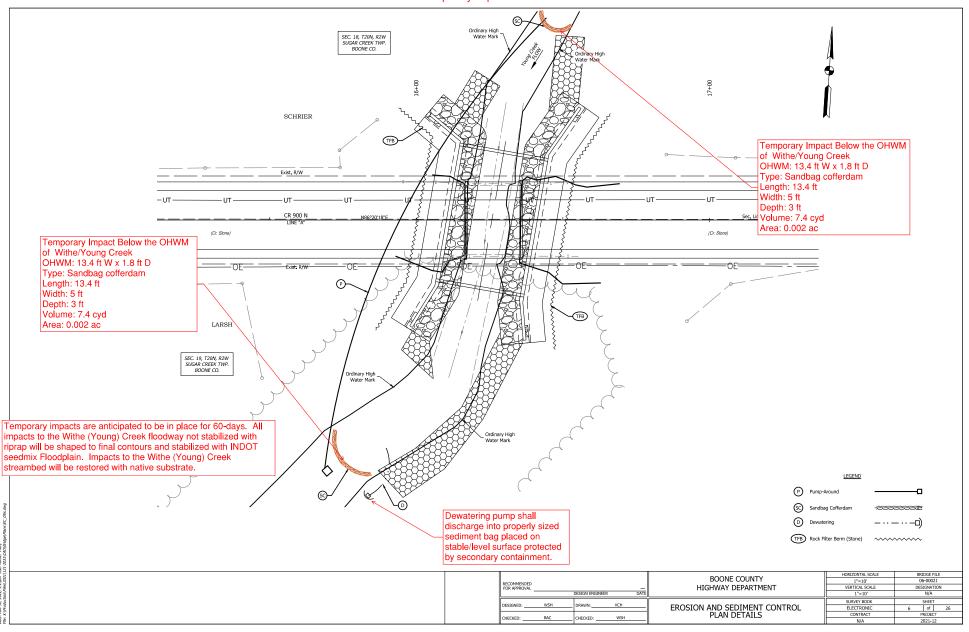
Date: May 18, 2022, 9:28am User Name: tracy



te: Nov 10, 2022, 3:25pm User Name: Tracy



Temporary Impact



Waters of the U.S. Determination County Road (CR) 900 N, Bridge Project Structure No.: SC015 Boone County, Indiana

Date(s) of Field Reconnaissance

October 20, 2021

Location

The project is located along CR 900 N, 0.6 mile East of CR 1100 W in Boone County, IN (Pages A1 through A3).

- Sections 18 and 19, Township 20 North, Range 2 West
- Colfax 1:24,000 United States Geological Survey (USGS) Quadrangles
- Sugar Creek Township, Boone County, Indiana
- Latitude: 40.171488°N Longitude: -86.687987°W

Project Description

The proposed project involves the replacement of the existing concrete box beam culvert (Structure No. SC015). The replacement will involve replacement of the existing structure with a new precast reinforced-concrete three-sided structure. New revetment riprap will be placed along the channel of Withe Creek (also known as Young Creek) through the structure. The new structure will have a new structure number, No. 06-00021.

One stream, Withe Creek, was identified within the investigation area. The investigation area is located along CR 900 N in Boone County, Indiana. Surrounding landscape is suburban and consists of maintained lawn, residential land, and some forested land. The investigation area is located within the mapped floodway of Withe Creek.

Soils

According to the Soil Survey Geographic (SSURGO) Database for Boone County, Indiana, the investigation area contains soil areas with predominantly hydric soils (Page A4).

Soil Name	Map Abbreviation	Hydric Range
Cyclone silty clay loam, 0 to 2 percent slopes	CxdA	Predominantly Hydric (83%)
Fincastle silt loam, tipton till plain, 0 to 2		
percent slopes	FdbA	Predominantly Nonhydric (15%)
Mahalasville silty clay loam, 0 to 2 percent		
slopes	MamA	Predominantly Hydric (98%)
Miami-Rainsville complex, 2 to 6 percent		
slopes, eroded	XfuB2	Predominantly Nonhydric (1%)



Page 1

National Wetlands Inventory Information

One National Wetlands Inventory (NWI) wetland was identified within the investigation area (Page A5). The wetland, which was field confirmed as Withe Creek, is classified as riverine, unknown perennial, unconsolidated bottom, permanently flooded (R5UBH). Wetland type is based on *Classification of Wetlands and Deepwater Habitats of the United States* (Cowardin et al. 1979).

Wetland Type	Description	Location: Lat/Long
R5UBH	riverine, unknown perennial, unconsolidated bottom, permanently	40.171896°N
	flooded	-86.687748°W

12-Digit HUC

The Boone SC015 structure project investigation area is within the 12-digit HUC watershed 051201100405 (Withe Creek-Sugar Creek). The USGS StreamStats (https://streamstats.usgs.gov/ss/) generated one watershed within the investigation area with an upstream drainage area of 7.41 square miles (Page A7). The Indiana Floodplain Information Portal (https://dnrmaps.dnr.in.gov/appsphp/fdms/) Best Available Flood Zones data indicate that the investigation area is within a mapped floodway. The investigation area is within a regulatory floodway (Page A7).

Attached Documents

- Location Map
- USGS Quad Map (1:24,000)
- USGS Quad Map (1:12,000)
- USDA SSURGO Hydric Soils Map
- USFWS NWI Map
- StreamStats Watershed Map
- Best Available Flood Hazard Map
- Water Resources Map
- Photo Location Map and Project Photos
- Preliminary Jurisdictional Determination

Field Reconnaissance

The Waters of the U.S. (WOTUS) investigation area limits were established based on the scope of work expected for the Boone County SC015 structure project. One stream was identified during the field reconnaissance. No wetlands or roadside ditches were identified.

Water resource boundaries were mapped using a Trimble R1 receiver (sub-meter accuracy) and ArcCollector as the GIS data collection platform. For those features that displayed bed and bank, the ordinary high water mark (OHWM) width and depth were measured at the maximum dimension observed beyond the influence of bridge and culvert structures.

Stream Feature(s)

According to the USGS Colfax 1:24,000 topographic quadrangles, one solid blue-line stream feature is present within the investigation area (Pages A2 and A3). The NHD GIS dataset included one flowline feature within the investigation area (Page A9). The field investigation concluded that this feature was Withe Creek, which flows from northeast to southwest through the investigation area.



Withe Creek

Withe Creek is a natural perennial channel that flows northeast to southwest through the project area.. Approximately 214 feet of the stream is within the investigation area. The ordinary high water mark (OHWM) is 13.4 feet wide by 1.8 feet deep. The upstream drainage area is 7.41 square miles. The substrate within this reach of Withe Creek is silt (40%), sand (30%), gravel (20%) and cobble (10%). The channel morphology within this reach of Withe Creek is run (60%), riffle (25%) and pool (15%). The surrounding riparian area is rural with forested and agricultural land. This stream reach is considered average quality due to available habitat, riparian cover, and natural sinuosity.

Withe Creek is considered to be an perennial stream feature and it has a direct hydrologic connection with Sugar Creek approximately 3.4 river miles downstream of the project area. Sugar Creek is considered navigable from its junction with the Wabash River in Parke County for 56.8 miles to Montgomery-Boone County Line. Withe Creek would be subject to USACE jurisdiction under Section 404 of the Clean Water Act due to its connection to a traditionally navigable water (TNW). Withe Creek would not be subject to USACE jurisdiction under Section 10 of the Rivers and Harbors Act.

Stream Summary Table

Water Feature	Photos	Lat/Long	OHW	OHW	USGS	Riffles?	Quality	Substrate	Likely
Name			Width	Depth	Blue-line?	Pools?			Waters of
			(ft)	(ft)	Type?				U.S.?
Withe Creek	7-10,	40.171589°N	13.4	1.8	Yes	Yes	Average	Silt (40%)	Yes
	13-16	-86.687968°W			Perennial	Yes		Sand (30%)	
								Gravel (20%)	
								Cobble (10%)	

Wetlands

The October 20, 2021 field investigation did not identify any wetland features within the investigation area. Although the investigation area is within an area with mapped hydric soils, no hydrophyric vegetation or wetland hydrology indicators were identified.

Open Water

Open water features were not identified within the investigation area.

Roadside Ditch

Roadside ditch features were not identified within the investigation area.

Conclusions

The October 20, 2021 field review for the Boone SC015 Structure Replacement Project identified one stream, Withe Creek, within the investigation area. Withe Creek would be subject to USACE jurisdiction under Section 404 of the Clean Water Act due to its connection to Sugar Creek, a TNW.

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



All drainage structures within the investigation area were examined on October 20, 2021 for the presence of bats and were found to show no direct or indirect signs of occupation. Bird nests were not present under the structure.

Acknowledgement

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

Chris Kunkel

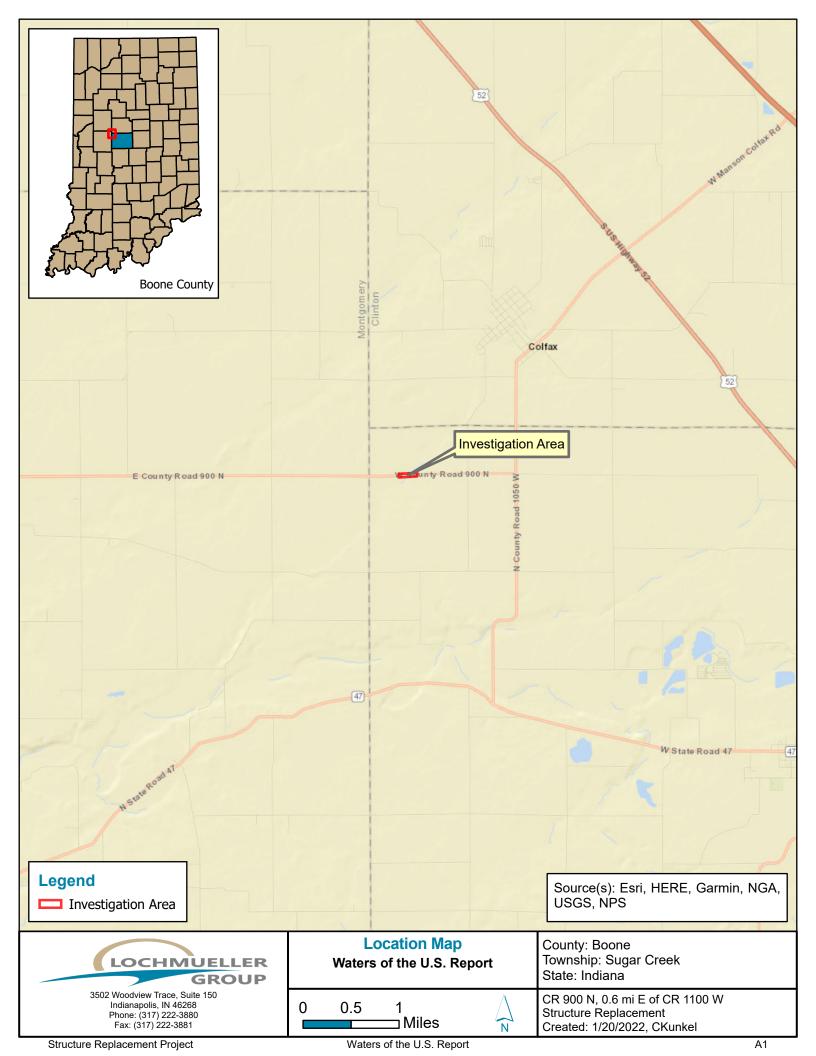
Environmental Specialist II Lochmueller Group, Inc.

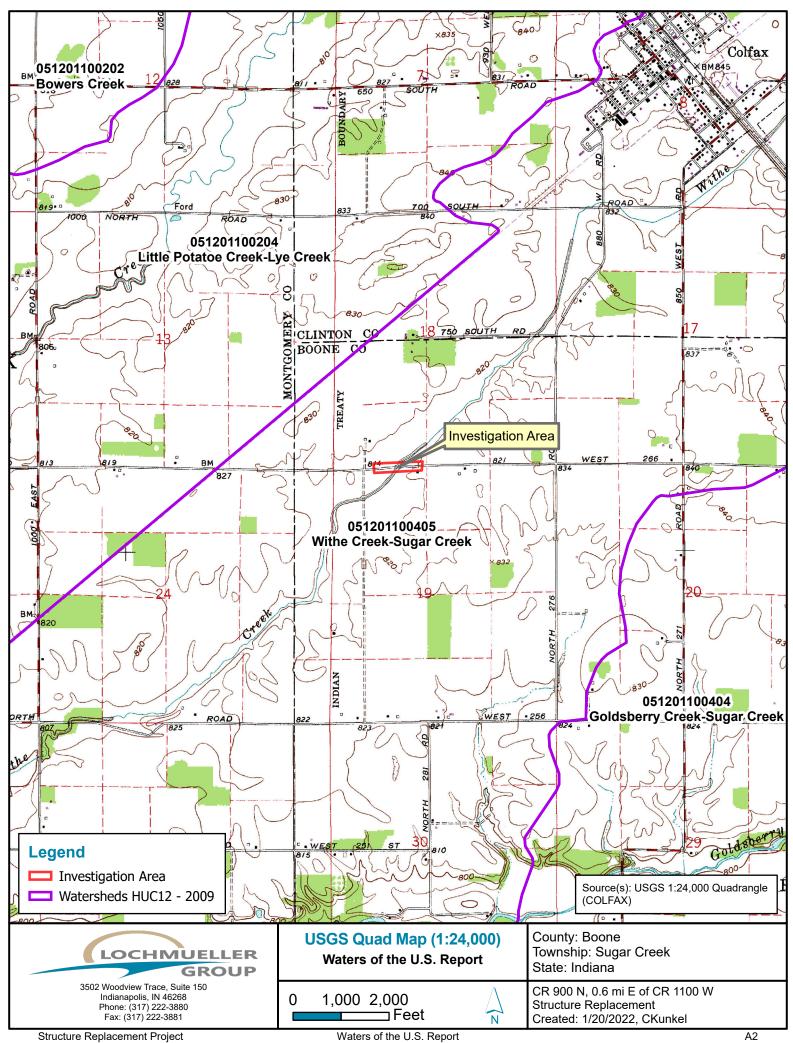
Preparers

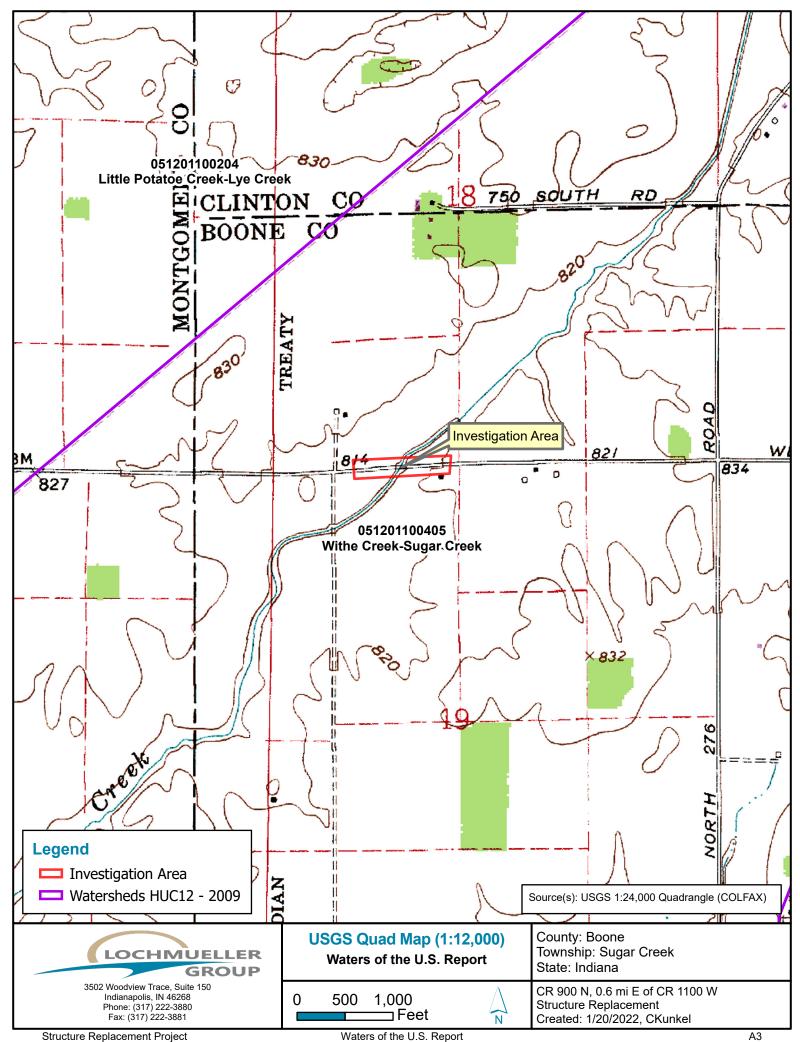
Lochmueller Group, Inc. Staff	Position	Contributing Effort
Chris Kunkel	Environmental Specialist	Field Data Collection, Report Preparation
Riley Marshall	Environmental Specialist	Field Data Collection

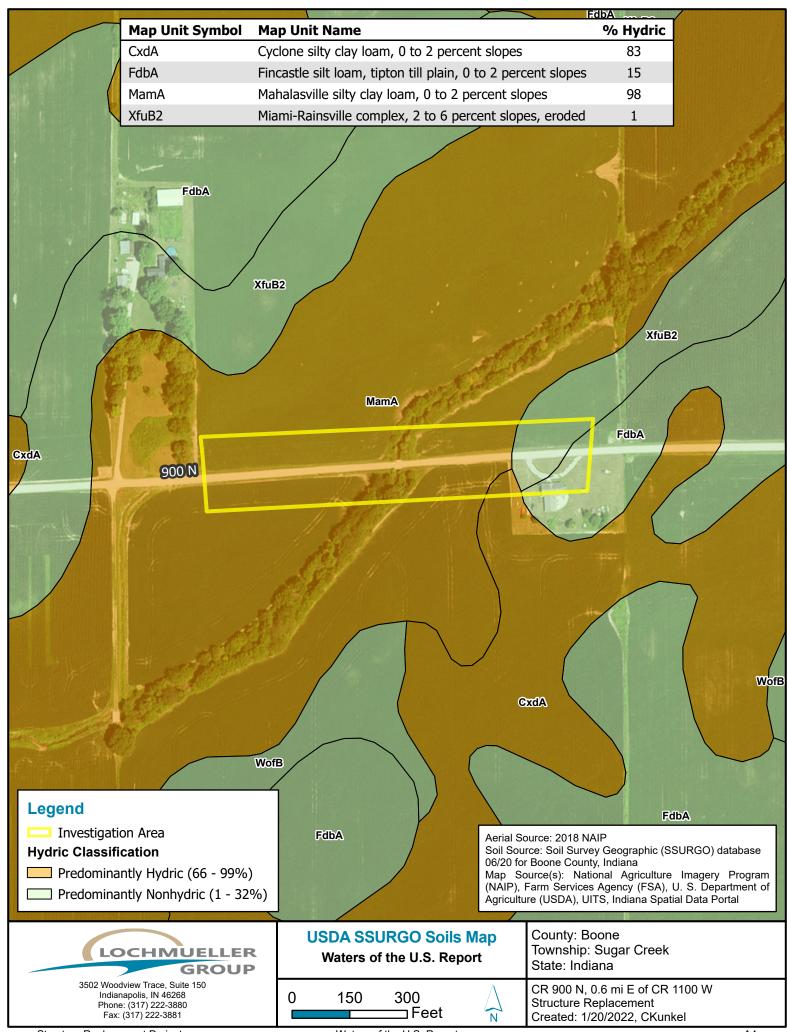


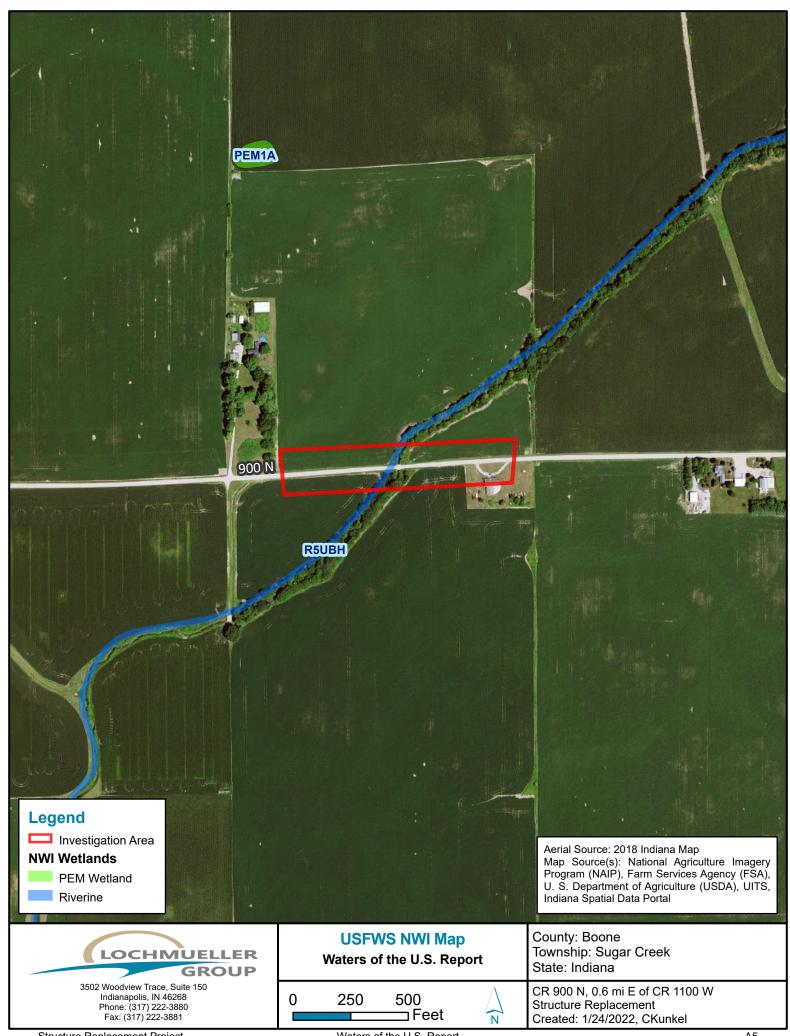
Page 4

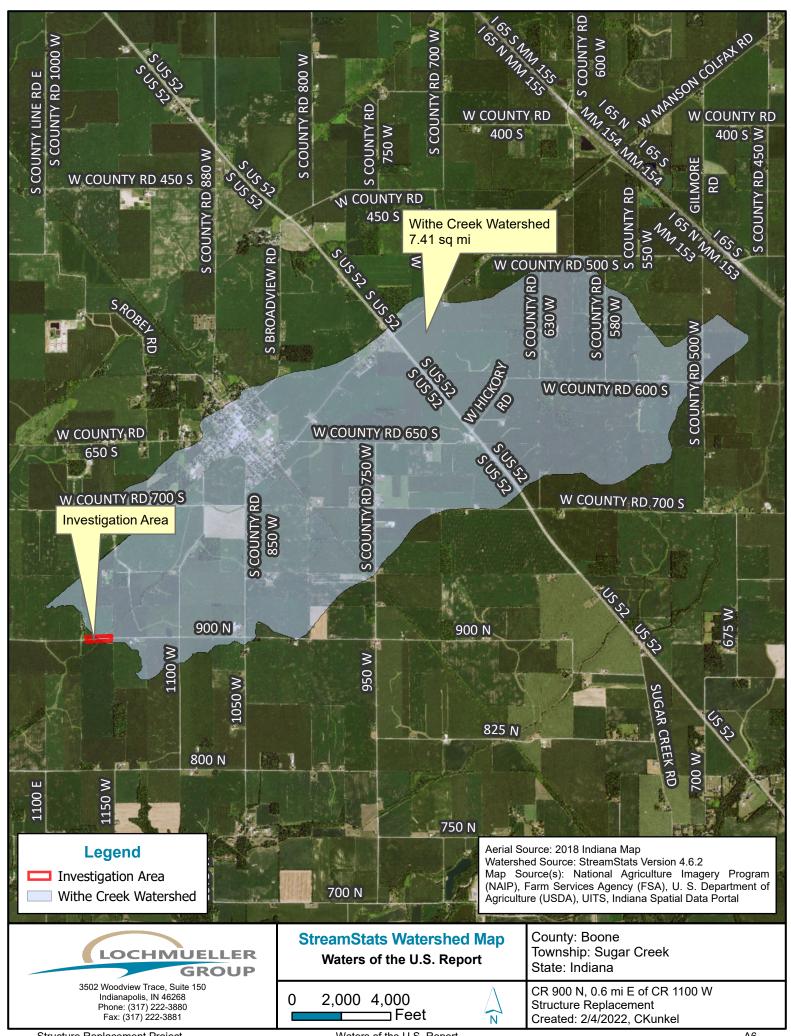


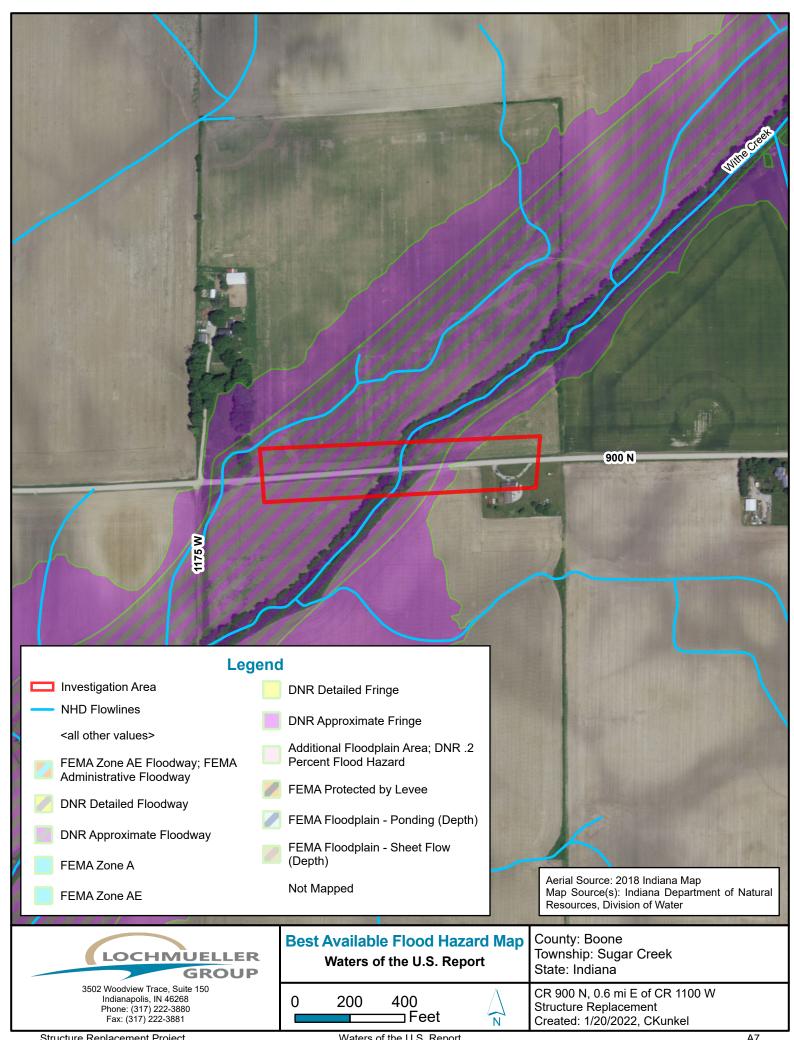


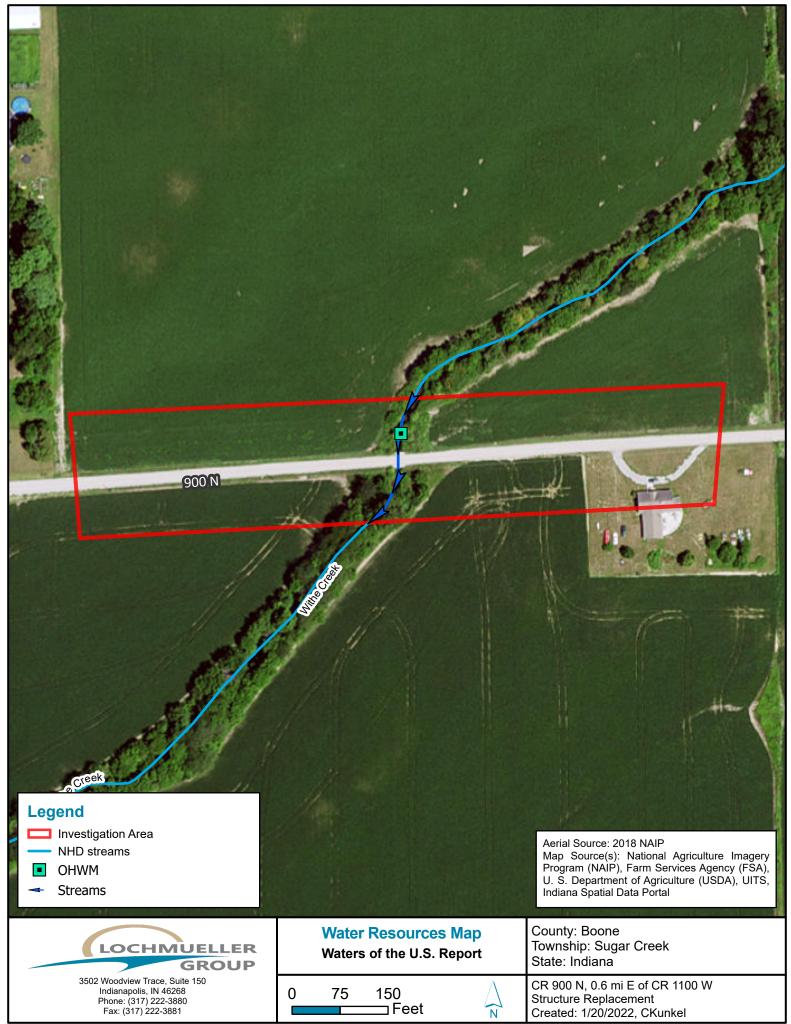


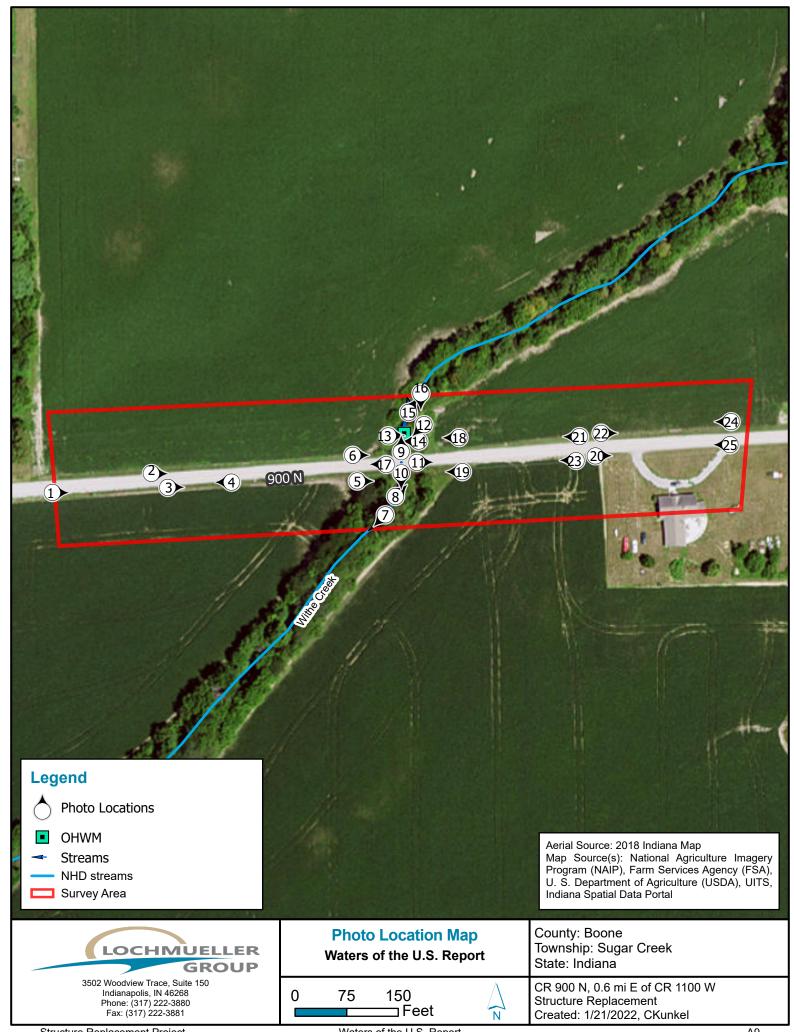














1. Looking east along CR 900 N



2. Looking east along CR 900 N



3. Looking east along CR 900 N



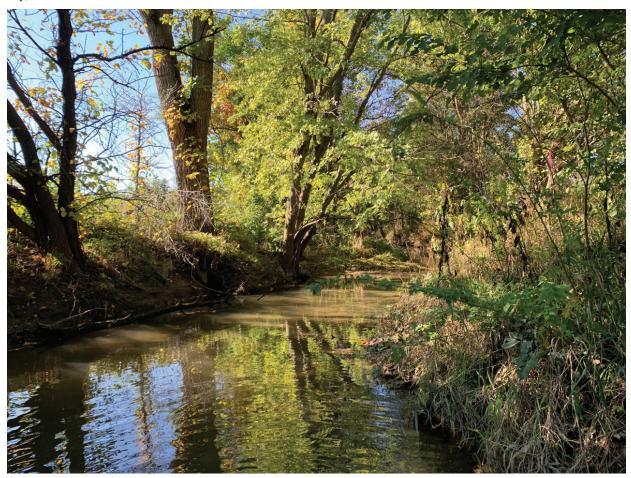
4. Looking west along CR 900 N



5. Looking east toward Withe Creek



6. Looking east toward Withe Creek



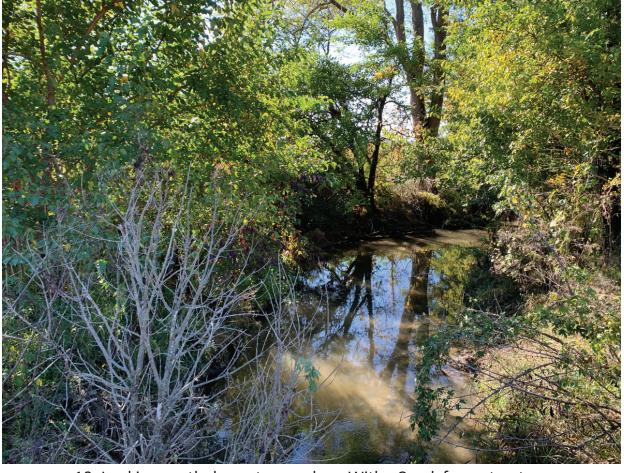
7. Looking southwest downstream along Withe Creek



8. Looking northeast upstream along Withe Creek toward structure



9. Looking north upstream along Withe Creek from structure



10. Looking south downstream along Withe Creek from structure

A14



11. Looking east along CR 900 N from structure



12. Looking southwest at Withe Creek



13. Looking east at left bank of Withe Creek



14. Looking west at right bank of Withe Creek



15. Looking northeast upstream along Withe Creek



16. Looking south downstream along Withe Creek



17. Looking west along CR 900 N $\,$



18. Looking west toward Withe Creek



19. Looking west toward Withe Creek



20. Looking east along CR 900 N



21. Looking west along CR 900 $\ensuremath{\text{N}}$



22. Looking east along CR 900 N



23. Looking west along CR 900 $\ensuremath{\text{N}}$



24. Looking west along CR 900 N



25. Looking west along CR 900 N $\,$

Appendix 2 - PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM **BACKGROUND INFORMATION** A. REPORT COMPLETION DATE FOR PJD: B. NAME AND ADDRESS OF PERSON REQUESTING PJD: C. DISTRICT OFFICE, FILE NAME, AND NUMBER: D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION: (USE THE TABLE BELOW TO DOCUMENT MULTIPLE AQUATIC RESOURCES AND/OR AQUATIC RESOURCES AT DIFFERENT SITES) State: County/parish/borough: City: Center coordinates of site (lat/long in degree decimal format): Lat.: Long.: Universal Transverse Mercator:

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

Name of nearest waterbody:

Office (Desk) Determination. Date:

Field Determination. Date(s):

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

Site number	Latitude (decimal degrees)	Longitude (decimal degrees)	Estimated amount of aquatic resource in review area (acreage and linear feet, if applicable)	Type of aquatic resource (i.e., wetland vs. non-wetland waters)	Geographic authority to which the aquatic resource "may be" subject (i.e., Section 404 or Section 10/404)

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

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

Checked items should be included in below where indicated for all checked	subject file. Appropriately reference sources ditems:
	ed by or on behalf of the PJD requestor:
Office concurs with data sheet	by or on behalf of the PJD requestor. ss/delineation report. ata sheets/delineation report. Rationale:
Data sheets prepared by the Corp	os:
U.S. Geological Survey Hydrolog	ic Atlas:
USGS NHD data.	
USGS 8 and 12 digit HUC ma	
	ite scale & quad name:
Natural Resources Conservation	Service Soil Survey. Citation:
□ National wetlands inventory map(s). Cite name:
State/local wetland inventory map	o(s):
	,
	(National Geodetic Vertical Datum of 1929)
	& Date):
or Other (Name &	& Date):
	o. and date of response letter:
):
MPORTANT NOTE: The information re	ecorded on this form has not necessarily not be relied upon for later jurisdictional
	Chris Kunkel 5/6/2022
ignature and date of	Signature and date of
Regulatory staff member ompleting PJD	person requesting PJD (REQUIRED, unless obtaining the signature is impracticable) ¹

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



Division of Nature Preserves 402 W. Washington St., Rm W267 Indianapolis, IN 46204-2739

September 28, 2022

David Duncan Lochmueller Group 6200 Vogel Road Evansville, IN 47715

Dear David Duncan:

I am responding to your request for information on the threatened or endangered (T&E) species, high quality natural communities, and natural areas for the County Road 900 Bridge Replacement Project over Withe Creek in Boone County, Indiana. The Indiana Natural Heritage Data Center has been checked and there are no T&E species or significant areas documented within 0.5 mile of the project area.

If you need a general environmental review of the project from DNR, you can submit the project information to Christie Stanifer, DNR Environmental Coordinator, at environmentalreview@dnr.in.gov (preferred) or send to the street address below. For more help or guidance contact Christie Stanifer at estanifer@dnr.in.gov.

Department of Natural Resources Environmental Review Division of Fish and Wildlife 402 W. Washington Street, Room W273 Indianapolis, IN 46204

The information I am providing does not preclude the requirement for further consultation with the U.S. Fish and Wildlife Service as required under Section 7 of the Endangered Species Act of 1973. If you have concerns about potential Endangered Species Act issues you should contact the Service at their Bloomington, Indiana office.

U.S. Fish and Wildlife Service 620 South Walker St. Bloomington, Indiana 47403-2121 (812)334-4261

Please note that the Indiana Natural Heritage Data Center relies on the observations of many individuals for our data. In most cases, the information is not the result of comprehensive field surveys conducted at particular sites. Therefore, our statement that there are no documented significant natural features at a site should not be interpreted to mean that the site does not support special plants or animals.

Due to the dynamic nature and sensitivity of the data, this information should not be used for any project other than that for which it was originally intended. It may be necessary for you to request updated material from us in order to base your planning decisions on the most current information.

Thank you for contacting the Indiana Natural Heritage Data Center. You may reach me at (317)233-2558 you have any questions or need additional information.

Sincerely,

Taylor Davis

Taylor Davis

Indiana Natural Heritage Data Center