



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 02

317 E. POE RD. • BOWLING GREEN, OH 43402 • 419-353-8131

Environmental Document

for

LUC 20 13.70 Replacement PID 102942

Environmental Document Level: D1

Approved: 10/2/2020

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The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by ODOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated June 6, 2018, and executed by FHWA and ODOT.

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Project Type

Please check all of the following actions that apply (Must check at least one):

(13) Actions described in 23 CFR 771.117 (c)(26), (c)(27), and (c)(28) that do not meet the constraints listed in 23 CFR 771.117(e). (a) Project types that exceed thresholds in Appendix A (b) Project types that exceed thresholds in Appendix B



General Project Information

Project, Cost Schedule and Work Limits

Environmental Document Level:	D1
PID:	102942
Project Name:	LUC 20 13.70 Replacement
Project Sponsor:	DISTRICT 2 ENGINEERING
ODOT District:	2
Funding Source:	Federal
Private Funding:	No
Local Public Funding:	No
STIP Reference #:	SLI 32
The next phase of the proposed project is listed on the STIP	Yes
The current cost estimate is in line with existing federal procedures for Ohio STIP Amendments and Administration Modifications	Yes
Planning and Engineering:	\$92,461.00
Right of Way:	\$340,000.00
Construction:	\$1,556,800.00
Other:	\$0.00
An Interchange Modification/Justification/Operations Study (IMS/IJS/IOS) was completed	No

Project Description:

The Ohio Department of Transportation proposes to replace the deficient bridge on US 20 (Reynolds Road) over Heldman Ditch, in the City of Toledo, Lucas County. The existing structure is a 54-foot wide, 28-foot long, two-span reinforced concrete slab on reinforced concrete substructure on piles. The new structure will be 192-foot long, 20-foot wide precast concrete box culvert with associated roadway work. The existing sidewalks will be replaced with five-foot wide sidewalks and moved back from the edge of the roadway 8 feet on the east side of Reynolds Road and 15 feet on the west side and will connect with the existing sidewalks. Permanent and temporary right-of-way from three commercial properties and one residential property will be required with one relocation. Relocation of some utilities will be required for this project.

Minor stream and wetland impacts are associated with this project. The required permit from the USACE has been obtained. No other environmental resource impacts (i.e. Cultural Resources,



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Regulated Materials, Section 4(f)/6(f) properties, Underserved Populations, Floodplains) will occur as a result of the project.

The project will require a 21-day closure of the bridge during construction. A detour will be provided. During the remainder of construction, at least one lane of traffic in each direction will be maintained. All impacted residents, public safety agencies, schools, and public transportation agencies were notified of the closures.

A virtual public meeting was held on June 10, 2020. One email comment was received. ODOT provided an email response to the comment on May 26, 2020.

The environmental document and associated studies are being approved using Stage 2 Design.

- Stage 2 Design plans can be found in the project file under General/Project Information
- Project location mapping and other pertinent project information can be found in the project file under General/Project Information

Limits of Proposed Work:	SR20 Structure over Heldman Ditch.
Start (SLM):	13.67
End (SLM):	13.74
Total Work Length (Miles):	0.07
Roadway Character	

Roadway Character

Route Number: US00020

Functional Classification:	Principal Arterial - Other (Urban)
Current Average Daily Traffic:	29000
Current Average Daily Traffic Year:	2022
Design Year Average Daily Traffic:	33500
Design Average Daily Traffic Year:	2042
Daily Hourly Volume:	3000
Truck %:	6
Setting:	Urban
Topography:	Level

	Existing:	Proposed:
Design Speed (MPH):	50	50



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Legal Speed (MPH):	45	45
Number of Lanes:	5	5
Type of Lanes:	through, center turn	through, center turn
Pavement Width (ft):	50	50
Shoulder Width (ft):	5	8
Median Width (ft):	n/a	n/a
Sidewalk Width (ft):	5	5

Sufficiency Rating: 053.0

General Rating: 5

Date Built: 07/01/1930

Bridge Location: .05 Mile N of Pineview

40. Bridge Type: 112

Design Criteria For Bridges
Design Criteria for Bridges

SFN: 4800699

Sufficiency Rating: 053.0

General Rating: 5

Date Built: 07/01/1930

Bridge Location: .05 Mile N of Pineview

	Existing:	Proposed:
Bridge Type:	112	TBD
Bridge Length (ft):	28	192
Number of Main Spans:	2	1
Max Span Length (ft):	11	20
Load Restrictions (TON):	150	150
Curb to Curb Width (ft):	54	54
Shoulder Width(ft):	1	1
Under Clearance (ft):	n/a	n/a

Bridge Type Description:

The new structure will be a precast reinforced concrete box culvert, 20' span x 8' rise x 192' long with reinforced concrete headwalls.

Load Restrictions Description:



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The bridge will be designed for HL-93 loaded with 60 PSF (pounds per square foot) FWS (future wearing surface) which indicates that the new bridge will not have load restrictions.

Will the structure be rehabilitated or replaced as part of the project? Yes

If this bridge is a historic bridge, what type is it? N/A

Remarks:

The project will replace the existing bridge. It is not historic.

41. Bridge Length (ft): 28

42. Number of Main Spans: 2

43. Max Span Length (ft): 11

44. Load Restrictions (TON): 150

45. Curb to Curb Width (ft): 54

Maintenance of Traffic During Construction

A roadway, bridge or ramp closure is required Yes

A temporary bridge or roadway is proposed No

A detour is required for the proposed project Yes

Access for local through traffic will be provided with appropriate signage Yes

Provisions for through-traffic dependent businesses will be incorporated into project design Yes

Provisions to accommodate any local special events or festivals will be incorporated into project design Yes

The proposed MOT substantially impacts sensitive environmental resources No

Substantial controversy is associated with the proposed MOT No

Coordination has been initiated and/or completed with local emergency services, schools, public institutions/facilities, etc. Yes

Remarks:

The project will require a 21-day closure of the bridge during construction. A detour will be provided. During the remainder of construction, at least one lane of traffic in each direction will be maintained.

Local safety services and school officials were notified of the project and the closure with detour by email dated November 15, 2019. Letters related to the virtual public meeting with additional project information were mailed on May 12, 2020.

Are there any Environmental Commitments? No



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Right of Way and Utility Involvement

The project requires Permanent Right-of-Way	Yes
The project requires Permanent Easement(s)	Yes
The project requires Temporary Right-of-Way	Yes
Number of parcels impacted by Permanent Right-of-Way:	4

Right of Way and Utility Involvement

Number of parcels impacted by Temporary Right-of-Way:	1
Approximate acreage of Permanent Right-of-Way needed:	0.319
Approximate acreage of Temporary Right-of-Way needed:	0.042
Electrical lines, gas lines, water lines, sewer lines, phone lines or other utilities exist in the project area	Yes
Large scale transmission facilities are located within the project area	No
Private utility easements are located within the project area	Yes
The existing private utility easement will be impacted by the project	Yes
Coordination with identified utilities has been initiated and/or completed	Yes

Remarks:

Utilities in the project area include:

AT&T, Columbia Gas of Ohio, Inc., City of Toledo, Toledo Edison, Telesystems/Buckeye Broadband, and CenturyLink.

- Utility coordination can be found in the project file under General/Right-of-Way and Utility Involvement

Permanent and temporary right-of-way is required for this project.



Purpose & Need

Purpose & Need

Project History:

The LUC-20-13.70 Bridge (SFN 4800699) which carries US 20 Reynolds Road over Heldman Ditch in the City of Toledo, Lucas County, Ohio was built in 1930. The structure is a 54-foot wide, 28-foot long, 2-span reinforced concrete slab on reinforced concrete substructures on piles structure. A major reconstruction was performed in 1957. In addition, routine maintenance has been performed on the structure over time. ODOT inspects bridges at least every two years. This project is included in the ODOT District 2 2019-2022 Multi-Year Work Plan in 2022 and in ODOT's FY 2018-2021 Statewide Transportation Improvement Program.

Purpose Statement:

The purpose of the project is to address the deficient structure on US 20 Reynolds Road over Heldman Ditch.

Need Element(s):

Bridges in Ohio are rated on a number of aspects, with the two indicators of the overall condition being the General Appraisal rating and Sufficiency rating. The General Appraisal rating is a composite measure of the major structural items of the bridge. It is based on the existing condition of the bridge as compared to its as-built condition. The General Appraisal rating ranges from 0-9, where 9 is like new and 0 is out of service. The Sufficiency rating is an FHWA formula which combines four major factors into a percentage: structural adequacy, safety, serviceability, and essentiality for public use. A GA of 4 or less is considered deficient and in need of replacement. A Sufficiency rating below 50 is deficient under FHWA standards.

The most recent inspection for LUC-20-13.70 was conducted in March 2019. The latest inspection found the railings, transitions, guardrail, and guardrail ends do not meet current standards. Based on the inspection report deficiencies include: Approaches - cracks in pavement and areas of break down along curb; Approach slabs - rutting, sidewalks have settled; Deck floor - diagonal cracks with leaching, spalling around steel beam flange where roadway was widened, flange exposed and rusty, edge has spalled steel exposed with section loss; Wearing surface - cracks, rutting, and pothole; Railing - vertical cracks, rust, spalls with steel exposed; Abutment walls - spalling around vertical crack and honeycomb areas with horizontal cracks and leaching in forward, horizontal, and diagonal cracks and leaching in both; Pier walls - cracks and leaching; Wingwalls - crack with leaching; some scour around the right side pier; and top of footer is exposed at right forward; and curve at inlet-right side causing minor scour. The Sufficiency rating was 53 and the General Appraisal rating was 5 - Fair.

Goals and Objectives:

N/A

Summary Statement:



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Summary Statement:

N/A

Logical Termini and Independent Utility:

The logical termini for the proposed project are limits sufficient to consider the range of alternatives to address the deficient structure. The study area is 550 feet north and south of the existing structure over Heldman Ditch; and 50 feet east and west of the structure.

The project is independent of any other transportation project in the area and is not part of any system linkage or long range development or transportation improvement plan. The project is not divided into interdependent phases, will be constructed under one construction contract, stands alone as independent project, and therefore, establishes independent utility.



Alternatives

Alternatives

Discuss No Build Alternative:

The No Build Alternative includes only routine maintenance on the bridge. This alternative does not address the deficient structure. This alternative does not meet the project's Purpose and Need.

Was a Feasibility Study completed?

No

Was an Alternative Evaluation Report (AER) completed?

No

Alternatives Considered

Name	Description	Reason Dismissed	Preferred Alternative
Alternative A	closed cell, precast concrete box culvert, with reinforced concrete headwall and wingwalls	not dismissed	Yes
Alternative B	3-sided, precast concrete flat-topped culvert, pile supported, with reinforced concrete headwall and wingwalls	higher cost & longer construction time	No

Discuss Reasons Alternative Identified as Preferred was selected:

A Bridge Type Study was completed in May 2019. The Study compared the two bridge types. Both alternative designs meet the project's Purpose & Need by addressing the deficient structure. Right-of-way impacts are similar between the two alternatives. The Study determined that Alternative A would cost less and take less time to construct over Alternative B. Alternative A was selected as the Preferred Alternative.

- The Bridge Type Study can be found in the project file under Alternatives.



Air

Mobile Source Air Toxics (MSATs)

Sensitive Areas are located within approximately 500' of the proposed project area	Yes
The proposed project is listed as a C1 in ODOT's CE Guidance and/or falls under 40 CFR 93.126	No
The proposed project involves adding capacity, a new interchange, relocating thru lanes significantly closer to sensitive areas, or expanding an intermodal center	No
Design Year ADT is <140,000	No

Remarks:

This project does not add capacity, a new interchange, or a new road on new alignment. This project only slightly modifies an existing alignment. Hence, this project will not result in any meaningful changes in traffic volume, vehicle mix, location of the existing facility, or any other factor that would cause an increase in emissions impacts relative to the no-build alternative. As such, FHWA has determined that this project will generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special MSAT concerns. Consequently, this effort is exempt from analysis for MSATs.

Particulate Matter 2.5 (PM2.5)

The proposed project is in an air quality non-attainment or maintenance area	No
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Remarks:

The project is located in Lucas County which is not a PM2.5 maintenance or non-attainment area, therefore no PM2.5 analysis is required.

Carbon (CO)

The State of Ohio is in attainment for CO at this time and no coordination or analysis is required

Ozone

The proposed project is in an Ozone non-attainment or maintenance area	No
The proposed project is listed on the TIP	Yes

Remarks:

The project is not located in an ozone maintenance or non-attainment area. No analysis is required.

Environmental Commitments



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Are there any environmental commitments?

No



Noise

Noise

Noise Sensitive Areas located within approximately 500' of the proposed project area Yes

Noise Analysis conducted No

The proposed project is a Type I project No

The proposed project is a Type II project No

Remarks:

The project does not qualify as a Type I project for noise (i.e. not adding capacity to thru lanes, not moving thru travel lanes equal to or greater than 50% closer to noise sensitive areas) and a noise analysis is not required for the project under 23 CFR 772

Environmental Commitments

Are there any environmental commitments? No



ESA

Does the project require any Permanent ROW or Easement?: Yes

ESA

ESA Screening Report was completed by District Staff No

Date of ESA Screening IOC from OES: 11/14/2019

Do any sites require a Phase 1 ESA, Phase 2 ESA, or plan note according to the IOC from OES? Yes

Sites that require Phase 1 ESA, Phase 2 ESA, or Plan Note

Site Name	Address	Phase 1 Required?	Phase 2 Required?	Plan Note Required?
RMR-006 City Hall Bar & Drinks Grill	615 South Reynolds Road	No	Yes	No

Date of Phase 2 ESA IOC from OES: 03/26/2020

Remarks:

Lawhon & Associates, Inc. conducted Regulated Materials Review (RMR) of the project corridor in October 2019 which was conducted in accordance with the Ohio Department of Transportation Office of Environmental Services (ODOT-OES) Regulated Materials Review Manual (2018). Based on the results of the review, it was recommended that an RMR Investigation be performed for one site. In correspondence dated November 14, 2019, OES provided concurrence with the recommendation. Lawhon & Associates, Inc. conducted an RMR Investigation in March 2020. As a result of this investigation, no chemicals of concern were above applicable regulatory action levels. No further action was recommended. ODOT OES issued an IOC dated March 26, 2020 stating agreement with the recommendation.

- The RMR Screening and Investigation can be found in the project file under ESA/Reports
- OES Correspondence can be found in the project file under ESA/Coordination

According to the IOC from OES does the project require any Environmental Commitments (plan notes and/or other coordination)? No



Cultural Resources

Cultural Properties Present

Please describe all of the efforts made to identify Historic Properties (including lit review, field investigation, etc.):

A Section 106 Scoping Request Form was completed by Lawhon & Associates, Inc. on December 30, 2019. The request for review provided a records check which included a review of electronic data from the Ohio State Historic Preservation Office (SHPO) to identify properties within the project area listed on or eligible for the National Register of Historic Places (NRHP), Ohio Archaeological Inventory (OAI) sites, and Ohio Historic Inventory (OHI) buildings and structures. One OHI site was identified close to the project area. The bridge was previously determined not eligible for listing on the NRHP as a result of the *Ohio DOT Historic Bridge Inventory Summary and Tables Summary Forms for Eligible/National Register Listed Bridges* accepted April 2010.

No other history/architecture resources were identified, and further investigations are recommended. There are no previously documented archaeological resources in the project area and the APE has been universally disturbed by roadway construction and commercial and residential development. No further archaeological investigations are recommended.

- Scoping Request Form may be found in the project file under Cultural Resources/Project Information

Is there an eligible or listed NRHP Historic Property in the Area of Potential Effects Pursuant to 36 CFR part 800?

No

OES Approval/OSHPO Concurrence Date:

03/26/2020

Remarks:

On March 26, 2020 OES determined that in accordance with Stipulation V(c)(2) of the Section 106 Programmatic Agreement executed November 8, 2017 and amended on July 11, 2019 (Agreement 19319) and in compliance with 36 CFR 800.4(d)(1), that 'no historic properties affected' is the appropriate finding for the proposed project based on the following:

- No historic/architecture resources listed or eligible for the NRHP will be affected by the project
- No archaeological resources will be affected by the project, and no additional archaeological investigations are recommended

This completes the Section 106 review and no further cultural resources investigations are required. SHPO was provided a 15-day comment period. No comments were received.

- Cultural resources information and coordination may be found in the project file under Cultural Resources

What is the Section 106 effect determination in the OES Transmittal?

No Historic Properties Affected

Archaeological Resource Adverse Effect



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History/Architecture Adverse Effect

Tribal Consultation

Tribal Consultation Summary/Remarks:

The Miami Tribe of Oklahoma offers no objection to the project as it is 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. See the Miami Tribe of Oklahoma correspondence, dated April 15, 2020, with its comments on the project in the Project File/Cultural Resources/Coordination subsection.

The Delaware Nation, Delaware Tribe of Oklahoma, and the Shawnee Tribe were notified of the project on March 26, 2020. Neither of these Tribes provided any response within the 30 day comment period.

Environmental Commitments

Are there any Environmental Commitments?

No



Ecological

ESR

Has an ESR been completed? Yes

Date ESR was completed: 10/25/2019

Wetlands

Are Wetlands Present? Yes

Are Any Wetlands impacted? Yes

Has a Wetland Delineation been made? Yes

Has the wetland Jurisdictional Determination been made? No

Identified Wetlands

Wetland ID	ORAM Category	Type	Est Total Size (Acres)	Est Impact (Acres)
Wetland A	1	Non-Isolated	0.016	0.016

Est. Total Size (Acres) of for Project: 0.016

Est. Total Impacted (Acres) of for Project: 0.016

Total Acres of Non-Isolated Wetlands impacted: 0.016

Total Acres of Isolated Wetlands impacted: 0

Remarks:

A Level 1 Ecological Survey Report (ESR) dated October 25, 2019, was prepared by Lawhon and Associates Inc. Based on field survey's conducted on 8/15/2019, one wetland abutting Heldman Ditch 1 was identified. To facilitate construction activities, the wetland will be filled.

The 'Do Nothing' alternative would not satisfy the purpose and need of the project to address the deficient structure and would result in serious impacts to the traveling public and the general welfare of the economy of the area. Avoidance of the wetland locations will be performed to maximum extent practicable. Wetland avoidance would result in unique engineering, traffic, maintenance, or safety problems. Mitigation for wetland impacts will be performed per the requirements for the waterway permit.

- The Wetland Finding can be found in the Project File under Ecological/Project Information
- The ESR can be found in the Project File under Ecological/Reports

Streams & Rivers



	Present:	Impacted:
Streams and Rivers:	Yes	Yes
National Scenic River:	No	
State Scenic River:	No	
Sec 9:	No	
Sec 10:	No	

Impacted Streams and Rivers

Stream Name	Total Linear feet Impacted	QHEI	Aquatic Life Use Designation
Heldman Ditch	299	45.75	Modified Warm Water Habitat (MWH)

Total Linear feet Impacted:

299

Remarks:

Based on the results of the field surveys one stream was identified. Heldman Ditch flows to Hill Ditch, to Ottawa River, which flows to Lake Erie. There will be approximately 299 feet (199' open & 100' closed) of impact to Heldman Ditch from the proposed project from the bridge replacement.

Other Surface Waters

	Present:	Impacted:
Reservoirs:	No	
Lakes:	No	
Ponds:	No	
Storm Water Management Facility:	No	
Jurisdictional Ditch:	No	
Other (If selected please explain in remarks):	No	

Remarks:

Based on the results of the field survey no other surface waters were identified in the project area.

Terrestrial Habitat

	Present:	Impacted:
Terrestrial Habitat:	Yes	Yes
Unique or high Quality:	No	



Remarks:

Based on the results of the field survey terrestrial habitat in the project area consists of common mixed vegetation and trees and includes Medium Density (primarily single family housing, etc.) development and Marsh (wetland dominated by submergent, floating, and/or emergent vegetation).

No unique or high quality terrestrial habitats occur within the study area.

Threatened or Endangered Species

	Present:	Impacted:
Within the known range of a Federal Species?	Yes	No
Federal Species/habitat found within the project area?	No	
Within the known range of a State Species?	Yes	No
State Species/habitat found within the project area?	No	

Remarks:

The proposed project is within the known range of the following federally (F) listed threatened and endangered species. According to the ODNR Ohio Heritage Program database (OHD) review, the project is within 1 mile of the known range of the following state (S) listed threatened and endangered species.

- Indiana bat (*Myotis sodalists*) - F
- Northern long-eared bat (*Myotis septentrionalis*) F
- Piping Plover (*Charadrius melodus*) - F
- Rufa red knot (*Calidris canutus rufa*) - F
- Eastern Massasauga (*Sistrurus catenatus*) - F
- Karner Blue Butterfly(*Lycaeides melissa samuelis*) - F
- Rayed Bean (*Villosa fabalis*) - F
- Eastern Prairie Fringed Orchid (*Plantanthera leucophaea*) - F

The project is also within the known range of the following federal and state listed species of concern

- Bald Eagle (*Haliaeetus leucocephalus*) - F

For the Indiana bat, no suitable wooded habitat (SWH) is expected to be impacted by this project. The project is not located within a USFWS bat buffer. No impacts are anticipated to this species.

For the Northern long-eared bat, no suitable habitat similar to the Indiana bat was identified. This species also prefers man-made structures and caves. No caves were identified within the proposed project area and no man-made structures besides the one house will be removed. The project is not located within a USFWS bat buffer. No impacts are anticipated to this species.

For the Piping Plover, no suitable habitat was identified within the within the project area. The stream and wetland in the project area are of poor quality and would likely not provide suitable habitat. This project will not impact this species.



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For the Rufa red knot, no suitable habitat was identified within the project area. No sandy tidal flats or bays used during migration exist to provide habitat for this species. This project will not impact this species.

For the Eastern Massasauga, no suitable habitat was identified within the project area. Although a stream and wetland exist in the project area, the fragmented and residential setting of the surrounding upland precludes this species from utilizing this habitat. This project will not impact this species.

For the Karner blue butterfly, no suitable habitat was identified within the project area. No oak savannas with blue lupine exist to provide habitat for this species. This project will not impact this species.

For the Rayed Bean mussel, no suitable habitat was identified within the project area. No Group 2 or 4 streams are located in the project area and no mussels were observed during the mussel reconnaissance survey. This project will not impact this species.

For the Eastern Prairie fringed orchid, no suitable habitat was identified within the project area. Although a wetland exists in the project area, it is poor quality and the area is periodically mowed. This project will not impact this species.

The bridge was inspected on August 15, 2019 and a colony of nesting birds was observed on the underside of the bridge. Mud nests likely made by barn swallows were found.

Agency Coordination

	Coordination Required:	Comments Received Date:
Ohio Department of Natural Resources (ODNR):	No	
United States Fish and Wildlife Service (USFWS):	No	
Ohio Environmental Protection Agency (OEPA):	No	
United States Army Corps of Engineers (USACE):	No	
ODNR State Scenic River:	No	
National Park Service (NPS) National Scenic River:	No	

Remarks:

Coordination under the February 29, 2016 Framework Programmatic Biological Opinion was submitted to USFWS on October 31, 2019. The project meets the Non-Notifying criteria for both USFWS and ODNR. No further coordination is required.

All conditions of the MOA that was signed by ODOT, ODNR, and the USFWS will be met and followed throughout construction.

- OES Approval - No ODNR and USFWS Notification may be found in the project file under Ecological/Coordination
- Wetland Finding & ODOT Disposition of Agency Comments may be found in the project file under Ecological/Project Information
- Level 1 Ecological Survey Report may be found in the project file under Ecological/Reports



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- ODOT Disposition of Agency Comments may be found in the project file under Ecological/Project Information

Are there any environmental commitments?

No



Other Resources

Farmlands

Farmlands

The proposed project is located within an Urbanized Area Yes

The proposed project is located in an area that is in or committed to urban development or water storage and is therefore not subject to the Farmland Policy Protection Act (FPPA) in accordance with 7 CFR 658. No further coordination is required.

Remarks:

Based upon review of appropriate mapping, the proposed project is located in an urbanized area zoned for non-agricultural purposes and is not in an agricultural district. Therefore, the proposed project meets the terms and conditions of the *Memorandum of Understanding between the Natural Resource Conservation Service and the Ohio Department of Transportation for Projects Involving Farmlands (Agreement No. 19552)*, executed on March 15, 2016. No further coordination is required.

- The Toledo Urbanized Area Map can be found in the project file under Other Resources/Farmland

Are there any environmental commitments? No

Drinking Water

The proposed project is wholly or partially located within the USEPA designated boundaries of a Sole Source Aquifer No

	Present:	Impacted:
The proposed project is wholly or partially located within the OEPA designated boundaries of a Source Water Protection Area	No	

Coordination with the Local Public Water Administrator is required No

	Present:	Impacted:
Residential Wells are present	No	

Remarks:

The Ohio EPA Division of Drinking and Ground Waters mapping tool was used to identify the presence of drinking water resources within the project study area. The map indicates that there are no public water system wells, intakes, drinking water source protection areas, non-transient, non-community Water Systems or transient non-community water systems within 1/2 mile of the project area. The project area does not lie over a Federally-designated sole source aquifer.



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Well locations near the project limits were mapped from ODNR Ground Water Mapping and Technical Services' website. No wells are located near the project area.

- Drinking Water Maps can be found in the project file under Other Resources/Drinking Water

Are there any environmental commitments?

No



Section 4(f)

Section 4(f) Determination

Section 4(f) properties are within and/or adjacent to the proposed project area

No

Identified Section 4(f) Properties

Remarks:

Review of available maps and property ownership records by Lawhon & Associates, Inc. did not identify any public parks, recreation areas, wildlife or waterfowl refuges, or historic sites within the project study area. The project will not impact any known Section 4(f) properties.

Are there any environmental commitments?

No



Section 6(f)

Section 6(f) Determination

	Present:	Impacted:
6(f) Properties:	No	

Remarks:

Research of the Land and Water Conservation Fund Coalition website <https://www.lwcfcoalition.com/tools> did not identify any public parks or recreation areas that have used Section 6(f) funds within or adjacent to the project area. No funds were used to acquire and/or develop said recreation areas. Therefore, no further coordination is required.

- The LWCF Grant Listing can be found in the Project File under Section 6(f)/Project Information

Are there any environmental commitments?

No



Community Impacts

Community Impacts

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

Remarks:

The proposed project is consistent with local plans and is not expected to change development patterns in the area. The project is listed in the Toledo Area Metropolitan Council of Governments' (TMACOG), the Metropolitan Planning Organization for the region, FY 2018-2021 Transportation Improvement Program (TIP).

Will the proposed action result in substantial negative impacts to community cohesion? No

Remarks:

The proposed project will not change the existing roadway configuration and will not create or add to any community division.

Will the proposed action result in indirect or cumulative impacts? No

Remarks:

The proposed improvements will not result in a reasonably foreseeable secondary or cumulative impact. The proposed improvements are expected to have positive impacts on the local community, by providing safer pedestrian facilities (wider sidewalks, off of the bridge).

Will the proposed action result in substantial impacts on health and educational facilities, public utilities, fire, police, emergency services, religious institutions, public transportation, pedestrian and bicycle facilities? No

Remarks:

Substantial impacts will not occur to health and educational facilities, public utilities, fire, police, emergency services, religious institutions, or public transportation facilities. Inconveniences will be experienced by public services (fire, police, and emergency services) as a result of the planned detour during the duration of construction; but the inconvenience will be temporary and short in duration. Emergency services and schools will be notified of any delays and closures associated with construction.

Will the proposed action displace residents, businesses, institutions or farms? Yes

Number of Displacements

Residences: 1

Businesses: 0

Institutions: 0

Farms: 0

Remarks:



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One residence, which includes two buildings (house and garage) will be removed to accommodate construction activities. Heldman Ditch runs on a skew under Reynolds Road. the buildings are too close to Heldman Ditch to accommodate the new structure. The replacement structure will be extended in a straight line to accommodate the relocated sidewalks. Excavation is needed for the longer structure. A temporary retaining wall was evaluated, but determined to not be feasible.

Are there any Environmental Commitments?

No



Underserved Populations

Underserved Populations

Identified Underserved Populations

Census Block Group #	% Minority	% Low Income
390950073011	30	54
390950073021	54	35

Are Underserved Populations located within and/or adjacent to the proposed project area? Yes

Are there any relocations? Yes

Are there residential relocation(s)? Yes

Is Housing of Last Resort anticipated? No

Are there business relocations? No

Will there be changes to access? No

Will the proposed project result in unanticipated additional impacts to any Underserved Populations? No

Were any concerns related to impacts on Environmental Justice Populations or any other unique factors that could result in a disproportionately high and adverse effect raised during public involvement? No

Were any concerns related to impacts on Title VI Populations or any other unique factors that could result in a disparate impact raised during Public Involvement? No

Were any concerns or any other unique factors that could result in an impact to any of the other Underserved Populations (Limited English Proficiency, Older Adults, or Individuals with Disabilities) raised during Public Involvement? No

Remarks:

According to the ODOT's TIMS, the UP population percentages are mixed in the project area. The Minority population ranges from 30 to 54 percent. The Low Income population ranges from 35 to 54 percent. The older adult population ranges from 10 to 15 percent and the Limited English Proficiency (LEP) ranges from 0 to 5 percent population.

The project will require closure of the bridge during construction, thereby requiring a detour of all pedestrian and vehicular traffic during construction. There is no safe pedestrian detour. The new bridge will include 5' sidewalks on both sides which will be moved off of the bridge onto separate structures and the alignment will match with existing sidewalk facilities on either side of Heldman Ditch, which will improve the overall pedestrian accessibility after construction is complete.

Underserved Populations were involved as part of the public involvement process and offered the opportunity to comment on the project through the ODOT website/Facebook page, at the virtual public meeting, and were provided information on who to contact to express concerns. The virtual public meeting invitation letters also included project information, comment forms, & exhibits, and were sent to property owners, residents, and businesses within the proposed project area, as well as stakeholders, and local government officials. The virtual public meeting invitation letters outlined the status of the project, a project summary, ongoing environmental investigation activities, an invitation to the upcoming virtual public meeting, and contact information. In addition, the public meeting



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was covered by the local print media. Flyers and letters requesting the flyer be hung up and announced during gatherings were also sent to community venues & businesses, as shown in the project file. No comments have been received or issues raised concerning the project's impacts to Underserved Populations.

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations or disparate impacts to a Title VI population based upon the table above, the attached mapping, and the answers to the questions above. No concerns related to impacts on Environmental Justice or Title VI populations were raised as a result of public involvement activities conducted as part of the proposed project. Therefore, in accordance with the protections of Executive Order 12898, FHWA Order 6640.23A and Title VI of the Civil Rights Act of 1964, no further analysis is required.

The proposed project will have no substantial impacts to Limited English Proficiency, Older Adults, and Individuals with Disabilities Populations based upon the table above, the attached mapping, and the answers to the questions above. No concerns related to impacts on these Underserved Populations were raised as a result of public involvement activities conducted as part of the proposed project. Therefore, in accordance with the protections of the Age Rehabilitation Act of 1973, Discrimination Act of 1975, Americans with Disabilities Act of 1990, and Executive Order 13166, no further analysis is required.

Based on the above findings an Underserved Populations Impact Analysis Report is not required.

- Census Mapping can be found in the project file under Underserved Populations/Project Information

Are there any Environmental Commitments?

No



Public Involvement

Public Involvement

Please provide a summary of the Public Involvement activities that have been conducted for this project. (For example press releases, letters to affected property owners and residents, meetings, special purpose meetings, newspaper articles, etc)

Property owner letters were sent on November 2, 2018 to notify property owners of the project and planned survey fieldwork associated with the project and provide an opportunity to comment on the project. As part of the property owner/tenant project notification and underserved population outreach, District 2 staff distributed project information flyers to businesses, places of worship within the project area, on November 8, 2019. Public Meeting Notification Letters for a virtual public meeting were mailed on May 12, 2020 to property owners/residents/businesses/local safety services/school officials. Materials normally available at an in-person public meeting, Handout, and Comment Form, were included with the notification letter. Public Meeting Notification Flyer Letters were also mailed on May 12, 2020 to businesses, schools, churches, and social service agencies in the project area. These letters included a Flyer which they were asked to post for customers and employees, Handout, and Comment Form. ODOT District 2 created a project website under ODOT's new project page and in Public Input. The public meeting was also listed on ODOT's Events web page. A link was posted on the District 2 web page to the ODOT Projects page. A link to the virtual public meeting was provided on the ODOT Project to Public Input. Interested parties could connect to the virtual meeting using their computer or smartphone both with video or audio or using regular phone. During the meeting comments could be provided using the web page, voicemail, or speaking to project team. Following the meeting comments could be submitted by mailing a written comment form or letter (sent in the mail or printed from web page), phone, or email. 69 people participated the virtual public meeting via PublicInput using their computer and phones. The PI Plan was approved by ODOT on July 7, 2020.

Was Public Involvement conducted in compliance with Title VI requirements? Yes

Is there any substantial environmental controversy on environmental grounds? No

Please summarize the Public Involvement responses received.

The comment period was from June 10 to July 10, 2020.

On May 26, 2020 one email comment was received related to individual property impacts.

Several emails were exchanged on the same day between the commenter and ODOT addressing the comments.

Are there any Environmental Commitments? No



Permits

Waterway Permits

Are Waterway Permits required?	Yes
Is the Waterway Permits Determination Complete?	Yes
Army Corps of Engineers	
Regional General Permit (RGP):	Yes
Nationwide Permit (NWP):	No
Section 404 Individual Permit:	No
Section 10 Permit:	No
Ohio EPA	
Section 401 Water Quality Certification:	No
Level 1 General Isolated Wetland Permit:	No
Level 2 Individual Isolated Wetland Permit:	No
Level 3 individual Isolated Wetland Permit:	No
US Coast Guard	
Section 9 Coordination:	No
Section 9 Bridge Permit:	No
ODNR	
Shore Structure Permit :	No

Remarks:

Based on review of the Permit Determination Request submitted on 5/5/2020, the OES Waterway Permits section provided a Permit Determination dated 5/22/2020 that indicated the project will meet the criteria for an RGP Section B Maintenance.

Are there any environmental commitments?	Yes
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Storm Water Permits

NPDES Construction General Permit for Stormwater (NOI):	Yes
Watershed Specific NPDES Construction General Permit for Stormwater (NOI):	No



Remarks:

Construction of this project will likely require a total disturbance of approximately 1.13 acres of land surface. Because the proposed improvements will result in greater than 1 acre of earth-disturbing construction activities a Notice of Intent (NOI) will be submitted for this project, per ODOT standard operating procedures, requesting coverage under a National Pollutant Discharge Elimination System (NPDES) general permit for storm water discharges from Ohio EPA.

Are there any environmental commitments? Yes

Floodplains

The proposed project involves encroachment within a Special Flood Hazard Area (SFHA) Yes

EO 11988/NFIP Coordination and Documentation Completed Yes

NFIP Local Floodplain Coordinator Notification Date 06/25/2019

Remarks:

Based on review of the FEMA Flood Insurance Rate Map (FIRM) Community Panel 39095C0086F by Lawhon & Associates, Inc. on September 23, 2019, the project is located within a regulated floodplain.

Floodplain coordination was initiated on June 25, 2019.

ODOT Floodplain Statement of Findings was posted to the District 2 website on June 19, 2020. No comments were received.

ODOT standard procedures shall be followed to complete the floodplain permitting process prior to plan package being submitted.

- Floodplain map and coordination may be found in the project file under Permits/Floodplain

Are there any environmental commitments? No

Landfills

Is a 2713 Permit required? No

Remarks:

Based upon RMR studies conducted by Lawhon & Associates, Inc. no landfills were identified within the project area. No further coordination is required.

Are there any environmental commitments? No



Environmental Commitments

Permits - Waterway Permits

- 1) ODOT and the Contractor shall adhere to all appropriate Waterway Permit conditions throughout construction.

Permits - Storm Water Permits

- 1) ODOT will obtain NPDES Construction General Permit for Stormwater and any associated requirements.



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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Erica Schneider (ASST ENVIR ADM)	10/2/2020



Appendix

General

Aerial Map.pdf

Correspondence with Emergency and Public Services.pdf

County Map.pdf

Ecological

ODOT Disposition of Agency Comments.pdf

Purpose and Need

OES Acceptance - Purpose and Need.pdf

Ecological

OES Approval - No ODNR and USFWS Notification.pdf

ESA

OES Recommendations - Phase II.pdf

OES Recommendations - Screening.pdf

Cultural Resources

Project Related OES Decision - Cultural Resources.pdf

SHPO Comments

General

STIP Listing.pdf

Cultural Resources

Transmittal 1 - Effect Determination

Tribal Consultation

Other Resources

Urbanized Area Map.pdf

General

USGS Quadrangle Topographical Map.pdf

Other Resources

Water Source Protection Area Map.pdf

Well Log Data.pdf

Ecological



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Wetland Finding.pdf

Underserved Populations

Census Mapping.pdf

Permits

FEMA FIRM.pdf

Floodplain Impacts.pdf

Section 6(f)

LWCF Grant Listing.pdf

Public Involvement

OES Approval - Public Involvement Plan.pdf

Press Release 2.pdf

Press Release Media List 5-26-2020.pdf

Press Release Media List 6-8-2020.pdf

Press Release.pdf

Project Flyer Locations.pdf

Project Flyer.pdf

Property Owner Notification Letter.pdf

Public Comments Received.pdf

Public Meeting Comment Form.pdf

Public Meeting Exhibits.pdf

Public Meeting Flyer.pdf

Public Meeting Handouts.pdf

Public Meeting Notification Flyer Letter.pdf

Public Meeting Notification Flyer Mailing List.pdf

Public Meeting Notification Flyer Map.pdf

Public Meeting Notification Mailing List.pdf

Public Meeting Notification.pdf

Public Meeting Project Website Notice.pdf

Public Notification Mailing List.pdf

Permits

Statement of Findings.pdf