



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 02
317 E. POE RD. • BOWLING GREEN, OH 43402 • 419-353-8131

Environmental Document for **OTT SR 105 10.55 PID 102952** **Environmental Document Level: C2**

Approved: 3/15/2022

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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 December 14, 2020, and executed by FHWA and ODOT.

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PID: 102952
Project Sponsor: DISTRICT 2 ENGINEERING
ODOT District: 2
Funding Source: Federal
Private Funding: No

Project Description:

The Ohio Department of Transportation proposes to replace the deficient bridge on State Route (SR) 105 (W Water Street) over Lacarpe Creek, in the City of Oak Harbor, Ottawa County. The existing structure is a 32-foot wide, 30-foot long, two-span steel corrugated sectional plate arch culvert structure on concrete gravity footing with full height concrete headwalls. The new structure will be 34-foot wide, 30-foot long, single span composite prestressed concrete box beams on semi-integral abutments on drilled shafts. A 5'-8' sidewalk will also be constructed on the north side of the bridge to connect with an existing sidewalk on the east. During construction, a minimum of one lane of traffic in each direction will be maintained, except for a period not to exceed 90 consecutive days, when through traffic may be detoured. Westbound SR 105 traffic will be rerouted to Benton Street, SR 163, SR 590, to SR 105. Eastbound SR 105 traffic will be rerouted to SR 105, SR 163, Benton Street, to SR 105.

Permanent right-of-way from two residential properties and Union Cemetery will be required. Relocation of some utilities will also be required for this project.

An ecological survey was completed for the project area. .28 acres of suitable wooded habitat for the federally protected Indiana bat and northern long-eared bat, and state protected tricolored bat and little brown bat species was identified in the project area. Of the SWH impacted by the project, .07 acres are within 100' EOP. The project is not located within a USFWS bat buffer zone. The project *may affect not likely to adversely affect* these species. A plan note will be included in the project plans to limit tree clearing to between October 1 & March 31. Suitable habitat for the State listed Blandings Turtle species was also identified in the project area. The project is *not likely to impact* these species. No impact to any other federally or state listed species, or their critical habitats, is expected. All files related to ecological resources can be found in the project file under Ecological.

One (1) stream, Lacarpe Creek, will have 170 linear feet of impact due to the bridge replacement. A USACE permit has been obtained. This project is located within a floodplain. The project will have no impact on the floodplain.

No other environmental, hazardous materials, Section 4(f)/6(f), cultural resources, or underserved population impacts will result from this project.

Letters were sent to the adjacent property owners on May 18, 2020 to provide notice of work crews potentially entering their property to collect field data. Additional letters were sent to adjacent property owners, locals schools, and emergency safety services on January 20, 2022 that provided information on the project and invited questions and comments. No comments were received. The environmental document and associated studies are being approved using Stage 2 Documents. A copy of the plans is included in the project file.

Construction is expected to begin in summer 2023 and last approximately 3 months.

STIP Reference #: 102952: 21-24 STIP

Select the appropriate project type:

(28) Bridge rehabilitation, reconstruction, or replacement or the construction of grade separation to replace existing at-grade railroad crossings, if the actions meet the constraints in 23 CFR 771.117(e). **Examples include: Railroad projects that close or relocate at-grade crossings**

In accordance with 23 CFR 771.117(e), the proposed project cannot be processed as a C2 CE, if it involves -



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1. a. Acquisition of more than a minor amount of right-of-way
2. b. Residential or non-residential displacements
3. c. A Coast Guard, Individual Section 404 and/or a Section 10 permit
4. d. A Section 106 finding of *Adverse Effect*
5. e. A Section 4(f) Programmatic or Individual Evaluation
6. f. A finding of *May Affect, Likely to Adversely Affect* to Threatened and Endangered Species
7. g. Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions
8. h. Changes in access control
9. i. Floodplain encroachment other than functionally dependent uses (e.g., bridges, wetlands) or actions that facilitate open space use (e.g., recreational trails, bicycle and pedestrian paths)
10. j. Construction activities in, across or adjacent to a river component designated or proposed for inclusion in the National System of Wild and Scenic Rivers
11. k. No minor public or agency controversy on environmental grounds (no opposition from any organized groups or agencies and no unresolved environmental coordination)
12. l. If an EJ Analysis Report is required, the project must be processed as a D-level CE or higher level document

For certification purposes, documentation is required to illustrate no significant impacts will occur to the following environmental resources and that no unusual circumstances exist that would warrant a higher level of NEPA document. Upload all supporting documentation to the project file.

Waterways:	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
Waterways Permit Type:	Regional General Permit
Waterways Permit Approval Date	09/08/2021
Isolated Wetland Permit	No
Will any wetlands be impacted?	No
Endangered Species:	Present; No finding of May Affect, Likely to Adversely Affect
Endangered Species - Coordination	May Affect, Not Likely to Adversely Affect
Endangered Species - Coordination Date	07/01/2021
Endangered Species - Critical Habitat Present/Impacted	
Indiana bat	
Northern long-eared bat	
Endangered Species - Other Critical Habitat Present/Impacted:	Yes
Endangered Species - Other Description:	

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The project is *not likely to impact* suitable habitat for the Blandings Turtle species.

100-Year Floodplain:	Encroachment Within the SFHA is a Functionally Dependent Use
EO 11988/NFIP Coordination and Documentation Completed:	Yes
NFIP Local Floodplain Coordinator Notification Date:	03/15/2021
Section 4(f):	Not present
Section 6(f):	Not present
Cultural Resources:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	Minimum Potential to Cause Effect Appendix B
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	01/17/2022
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 January 21, 2022, with its comments on the project in the Project File/Cultural Resources/Coordination subsection. Projects that meet C2 criteria are not anticipated to have impacts to the following environmental resources. If resources are present, documentation is only required if there is a potential for impacts.	
Air Quality:	Studies Not Required
Air Quality - Coordination with OES:	No
Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	03/15/2022
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	01/11/2022
Phase I ESA Warranted Based on Coordination with OES:	No Further Studies Warranted
Farmland:	Urbanized Area; No Impacts in Accordance With the Farmland MOU and 7 CFR 658
Scenic Rivers	No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area

Projects that meet C2 criteria must be in accordance with ODOT's UP Guidance and activities conducted for Public Involvement are commensurate to the project's type and scope of work.

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Underserved Populations

Present; No UPIAR Required, Does
Not Exceed UP Guidance Criteria,
and No Issues Raised During Public
Involvement

Identified Underserved Populations

Census Block Group #	% Minority	% Low Income	% Older Adults	% Limited English Proficiency (LEP)
391230507001	17	55	14	0

Underserved Populations Remarks

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.

Public Involvement:

Minimum PI Requirements Met; No
Minor Public or Agency Controversy
on Environmental Grounds

Environmental Commitments

Yes



Environmental Commitments

C2

- 1) ODOT will obtain all appropriate waterway permits prior to any work within the jurisdictional boundary of any waterway, including wetlands, and all Waterway Permit Special Provisions will be noted under Special Provisions in the plans and adhered to during construction.
- 2) Ensure impacts to the federally listed and protected Indiana bat and northern long-eared bat are avoided and minimized. Do not remove trees from April 1 through September 30. Perform all necessary tree removal from October 1 through March 31. Demarcate clearing limits in the field to avoid any unauthorized tree clearing. For the purposes of this note, a tree is defined as a live, dying, or dead woody plant, with a trunk three inches or greater in diameter at a height of 4.5 feet above the ground surface, and with a minimum height of 13 feet.
- 3) ODOT will ensure a State permitted malacologist must complete a mussel salvage and relocation in accordance with the most recent version of the Ohio Mussel Survey Protocol prior to the initiation of construction activities below the ordinary high water mark. The District Environmental Coordinator will coordinate the results of the mussel survey, salvage work, or both with the ODNR. The Department will ensure the mussel survey and relocation occurs, and approval has been received from the ODNR, prior to the Contractor performing work below ordinary high water mark.



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Preparers and Approvals

Form Preparer:

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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Phoenix Golnick (PROGRAM ADMIN 3)	3/15/2022



Appendix

General

Aerial Map.pdf

Correspondence Related to Utility Coordination - 1.pdf

Correspondence Related to Utility Coordination - 2.pdf

Correspondence Related to Utility Coordination - 3.pdf

Correspondence Related to Utility Coordination - 4.pdf

County Map.pdf

STIP Listing.pdf

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Other Resources

Census Bureau Urbanized Area Map.pdf

Sole Source Aquifer Mapping.pdf

Well Log Data.pdf

Underserved Populations

Census Mapping.pdf

Public Involvement

Property Owner Notification Letter Mailing List.pdf

Property Owner Notification Letter.pdf

Public Notification Letter.pdf

Public Notification Mailing List.pdf

Permits

FEMA FIRM.pdf

Floodplain Impacts.pdf

Statement of Findings.pdf