



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

LUC Corduroy Rd Bridge Replace PID 119725

Environmental Document Level: C2

Approved: 11/13/2024

Prepared By: District 2

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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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C2

Project Information

PID: 119725
Project Sponsor: Oregon, City of
ODOT District: 2
Funding Source: Federal

C2 Section

Project Description:

The City of Oregon is currently proposing to replace the bridge that carries Corduroy Road over Otter Creek. The scope includes incidental channel and bank work, roadway approach work, and guardrail due to poor bridge conditions. Permanent right of way will be acquired from two residential property and one commercial property. Temporary right of way will be acquired from one commercial property. This project is located within a special flood hazard area. All National Flood Insurance Program requirements will be met and coordination with local floodplain administrators is on-going. This project does include impacts to Otter Creek, therefore a US Army Corps of Engineers permit is required. All ecological impacts have been coordinated with the appropriate agencies. All general and project specific conditions of the Ecological MOA between ODOT, ODNR, and USFWS have been met. Construction is expected to begin in the summer of 2026 and last approximately 90 days. During construction, one lane of traffic will be maintained at all times with the exception of a 45 day detour required for the bridge work. All impacted property owners, public safety agencies, and schools have been notified of the closure.

This document was approved based on Stage 2 Plans.

The next phase of the proposed project is listed on the STIP: Yes

Ellis STIP Details

Phase	Current STIP Reference
ENV	119725: 24-27 STIP
CO	119725: 24-27 STIP
DD	119725: 24-27 STIP

The current cost estimate is in line with existing federal procedures for Ohio STIP Amendments and Administration Modifications: Yes

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 ROW (exceeds strip takes)
2. **b.** Residential or non-residential displacements
3. **c.** A U.S. Coast Guard permit or an Individual Section 404 permit under the Clean Water Act
4. **d.** A Section 106 finding of *Adverse Effect*
5. **e.** Section 4(f) impacts greater than de minimis
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.** A full Environmental Justice Analysis Report (EJAR) is required (the project must be processed as a D-level CE or higher-level document). If a memo-to-file/letter/IOC-format EJAR Short Report is determined to be the appropriate level of documentation, contact OES regarding NEPA document level.

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.

Ecological

Waterways: Present; No Coast Guard, Individual 404, and/or Section 10 Permit required

Waterways Permit Type: Permit Determination and/or Permit Application Approval Pending

Isolated Wetland Permit No

Will any wetlands be impacted? No

The following Federally Listed Species received an effect determination of May Affect, Not Likely to Adversely Affect:

Species Common Name	Species Scientific Name	Listing Status	Most Recent Coordination Date
Indiana Bat	<i>Myotis sodalis</i>	Endangered	09/30/2024
Northern Long-eared Bat	<i>Myotis septentrionalis</i>	Endangered	09/30/2024
Tricolored Bat	<i>Perimyotis subflavus</i>	Proposed Endangered	09/30/2024

The following Federally Listed Species received an effect determination of No Effect:



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Species Common Name	Species Scientific Name	Listing Status	Most Recent Coordination Date
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Species of Concern	09/30/2024
Eastern Massasauga	<i>Sistrurus catenatus</i>	Threatened	09/30/2024
Eastern Prairie Fringed Orchid	<i>Platanthera leucophaea</i>	Threatened	09/30/2024
Karner Blue Butterfly	<i>Lycaeides melissa samuelis</i>	Endangered	09/30/2024
Piping Plover	<i>Charadrius melodus</i>	Endangered	09/30/2024
Rayed Bean	<i>Villosa fabalis</i>	Endangered	09/30/2024
Rufa Red Knot	<i>Calidris canutus rufa</i>	Threatened	09/30/2024

Endangered Species Remarks:

Approximately 0.01 acres of SWH with roosting characteristics for federally listed bat species will be impacted by this project. All impacted SWH is located within 100 feet of edge-of-pavement. There were no records of any bat species within a mile of the project area and the project is not located within a USFWS bat buffer. All tree removal will occur between October 1 and March 31 to protect these species during their summer roosting period.

Scenic Rivers

No National Wild and Scenic River
Within 1000 Feet of the Proposed
Project Area

Scenic Rivers Remarks

This project is not within 1,000 feet of any scenic river.

Floodplains

100-Year Floodplain:

Encroachment Within the SFHA is a
Functionally Dependent Use

EO 11988 Compliance Met

Yes

NFIP Coordination and Documentation Completed

No

Floodplain Remarks

The LPA will obtain the floodplain permit or documentation of exemption prior to plan file.

Section 4(f)

Section 4(f):

Not present

Section 4(f) Remarks

There are no Section 4(f) properties located within the project limits.

Section 6(f)

Section 6(f):

Not present

Cultural Resources



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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**

05/30/2024

Cultural Resources Remarks

The undertaking will replace the Corduroy Road bridge over Otter Creek. The bridge is located in the Birmingham neighborhood or the Oregon, Ohio area found 3.5 miles northeast of downtown Toledo, Lucas County, Ohio. The existing concrete box beam bridge will be replaced by a three-sided concrete box culvert on the existing line and grade. Minor strip right-of-way is needed to install a longer structure, to complete channel maintenance, and provide access during construction. The work will only involve previously landscaped/disturbed open space exhibiting underground utilities to the south and open lagoons/water treatment facilities to the north. Late 20th century, 2-story brick apartments are found to the southeast, but the work will not directly involve any of these buildings and no relocations will be required.

The literature search concluded there are no inventoried buildings (OHI), no known archaeological sites (OAI), and no listed or eligible historic properties found in the project area or in the area of potential effects (APE). The existing Kuhlman Drive bridge (SFN 4863151) is a modern Type 505N Prestressed Concrete box beam structure built in 1976. TMS mapping indicates the bridge is not historic and the structure was not considered eligible for the National Register based on its modern type and on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). Non-historic bridge replacements and minor roadway widenings are a project types exempt from further cultural resource consideration by the 6/29/23 Cultural Resource PA (Agreement 38503), if the project is not within the boundaries of any historic property or N. R. district.

**Tribal Consultation
Summary/Remarks:**

No objections received within 30 days.

Environmental Resources Considered

The following environmental resources are present and have been studied for potential impacts:

Regulated Materials

Air Remarks

This project is an Exempt Project per 40-CFR 93.126 (Exempt Project/Air Quality: Bicycle and pedestrian facilities). No air quality analysis is required.

Noise Remarks

The project does not qualify as a Type I project for noise (i.e., not adding capacity, 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.

**The project involves ROW acquisition, Deep Excavation, or OEPA
513 Landfill Authorization:**

Yes - Screening

Regulated Materials Review Screening:

No Further Regulated Materials Review

Regulated Materials Review Screening - DEC/OES Approval Date:

11/05/2024

Regulated Materials Review Remarks:



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District Environmental Staff determined that no further studies were necessary on 11/5/2024.

Environmental Justice

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

Environmental Justice Populations

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

Identified Environmental Justice Populations

Census Block Group #	% Minority	% Low Income
390950046002	34	59
390950100011	13	19

Environmental Justice Remarks

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations based upon the table above, the attached mapping, and the answers to the questions above. No concerns related to impacts on Environmental Justice 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, no further analysis is required.

Public Involvement

Public Involvement:

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

Public Involvement Remarks

Letters/emails were sent to impacted residents, schools, and emergency service departments notifying them of the project and possible road closure. There were no concerns brought up during the 30-day comment period that followed.

Environmental Commitments

Environmental Commitments

Yes



Environmental Commitments

C2

- 1) The Project Designer shall incorporate the following note into the plans: Ensure impacts to the federally listed and protected Indiana bat and northern long-eared bat and the State listed and protected little brown bat and tricolored 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.
- 2) The LPA will obtain the floodplain permit or documentation of exemption prior to plan file.
- 3) LPA will obtain all appropriate waterway permits prior to any work within the jurisdictional boundary of any waterway, including wetlands, and all applicable waterway permits will be noted in the plans and adhered to during construction.



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Preparers and Approvals

Form Preparer

District 2
Contact: Allie Baker
419-373-
Allie.Baker@dot.ohio.gov

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Allie Baker (ENV SPEC 2)	11/13/2024



Appendix

General

Aerial Map.pdf

Correspondence with Emergency and Public Services.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Tribal Comments - Miami Tribe.pdf

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Environmental Justice

Census Mapping.pdf

Public Involvement

Property Owner Notification Letter.pdf

Permits

FEMA FIRM.pdf

Statement of Findings.pdf