



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

WOO Long Judson Brdg @ Beaver Cr PID 98749

Environmental Document Level: C2

Approved: 2/4/2019

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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 11, 2015, and executed by FHWA and ODOT.

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C2

PID: 98749
Project Sponsor: WOOD COUNTY ENGINEER
ODOT District: 2
Funding Source: Federal
Private Funding: No

Project Description:

The Wood County Engineer's Office (WCEO) has identified a need to improve the structural and operational condition of the Long Judson Road Bridge over Beaver Creek in Grand Rapids Township in Wood County. The Long Judson Road Bridge is a Parker pony truss bridge that was constructed in 1916 by the Elkhart Bridge & Iron Company of Elkhart, Indiana. The bridge has been determined to be eligible for listing in the National Register of Historic Places (NRHP). During an inspection of the structure in 2016, it was noted by the WCEO that there are numerous deficiencies in the integrity of the bridge. The bridge is currently posted with a 7.5 ton weight limit and has a sufficiency rating of 19.2. The purpose of the project is to maintain safe travel for residents, emergency vehicles, and school buses using the roadway over this segment of Beaver Creek. The project would remove the existing bridge, replacing it with a new bridge utilizing the existing Long Judson Road alignment. This new bridge would be a single span structure supported by abutments. The existing bridge will be dismantled and taken to Fayette County to be re-used on a rails to trails project. The State Historic Preservation Office concurred that re-use of the bridge will have no effect on the NRHP bridge. The re-use of the bridge also qualifies as an exception to the requirement for Section 4(f).

The project will require a 120 day road closure. The detour will follow Long Judson Road, Wapakoneta Road, State Route 65, Kellogg Road, and State Route 235. EMS, Police, Fire, and local schools were notified of the project and the detour on October 4, 2018. No comments have been received.

The floodplain permit has been acquired and the project meets the criteria for a USACE Section 404 Nationwide Permit #3 Maintenance for work below the Ordinary High Water Mark (OHWM).

The project will require approximately 0.35 acres of permanent ROW which is below the 3 acre maximum ROW acquisition for bridge replacements in the Farmland Memorandum of Understanding. Utilities include electric and telephone lines that would need to be relocated. There are no drinking water wells, sole source aquifers, or drinking water source protection areas within the project area.

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

STIP Reference #

SLI 16

Select the appropriate project type:



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(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 -
a. Acquisition of more than a minor amount of right-of-way b. Residential or non-residential displacements c. A Coast Guard, Individual Section 404 and/or a Section 10 permit d. A Section 106 finding of Adverse Effect e. A Section 4(f) Programmatic or Individual Evaluation f. A finding of May Affect, Likely to Adversely Affect to Threatened and Endangered Species g. Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions h. Changes in access control 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) 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 k. No minor public or agency controversy on environmental grounds (no opposition from any organized groups or agencies and no unresolved environmental coordination) 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:	Nationwide Permit
Waterways Permit Approval Date	11/01/2018
Isolated Wetland Permit	No
Endangered Species:	Present; No finding of May Affect, Likely to Adversely Affect
Endangered Species - Coordination	No Effect
100-Year Floodplain:	Encroachment Within the SFHA is a Functionally Dependent Use
EO 11988/NFIP Coordination and Documentation Completed:	No
Section 4(f):	Present; No Impacts and/or Access Restrictions
Section 6(f):	Not present
Cultural Resources:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	No Adverse Effect
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	10/12/2018

Since no Tribe was interested in this project based on their customized preferences, no further Tribal consultation was conducted.

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.



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Air Quality:	Studies Not Required
Air Quality - Coordination with OES:	No
Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	01/01/1900
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	02/04/2015
Phase I ESA Warranted Based on Coordination with OES:	No Further Studies Warranted
Farmland:	Non-Urbanized Area; No Impacts in Accordance With the Farmland MOU, 7 CFR 658, and ORC 929.05
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.	
Underserved Populations	Does Not Exceed UP Guidance Criteria; No UP Analysis Report Required and No UP Issues Raised During Public Involvement
Public Involvement:	Minimum PI Requirements Met; No Minor Public or Agency Controversy on Environmental Grounds
Environmental Commitments	Yes



Environmental Commitments

C2

- 1) The Wood County Engineer shall ensure a State permitted malacologist shall 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 permitted malacologist shall submit the salvage and relocation work plan to the Ohio Department of Natural Resources (ODNR) for review and approval prior to any survey work. The results of the mussel survey and/or salvage work and approval from ODNR must be provided to the ODOT District Environmental Coordinator. The Wood County Engineer shall ensure the mussel survey and relocation occurs, and approval has been received from ODNR, prior to the Contractor performing any work below ordinary high-water mark of Beaver Creek.
- 2) The Project Designer shall incorporate a note such as the following into the plans: The project is located within the known habitat ranges of the federally listed and protected Indiana bat and northern long-eared bat. The Contractor shall not remove trees under this project from April 1 through September 30. All necessary tree removal shall occur from October 1 through March 31. The Contractor shall demarcate clearing limits in the field to avoid any unauthorized tree clearing. This requirement is necessary to avoid and minimize impacts to these species as required by the Endangered Species Act. For the purposes of this note, a tree is defined as a live, dying, or dead woody plant, with a trunk 3 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) The Project Designer shall include a detailed salvage plan to preserve the original riveted Parker truss bridge (Long Judson Road), decking, and floor stringers in a manner which the trusses can be reused at the new location by the Fayette County Engineer.
- 4) The Wood County Engineer shall ensure that the new bridge contract includes the production of two (2) interpretive signs or plaques which contain historical context for the bridge; one will be installed on or near the new bridge at Long Judson Road, and the second will be installed at the historic bridge's new location in Fayette County, once in place.
- 5) Once the design plans include the detailed salvage plan and plaque design, the District Environmental Coordinator will provide the plans to ODOT OES for coordination with the Ohio History Connection's State Historic Preservation Office and identified Section 106 Consulting Parties prior to the commencement of construction for a 30-day review period.



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Preparers and Approvals

Form Preparer: Amy Eckland
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Supporting Form Preparer(s): Dan Prevost
Karen Fields
Scott Campbell

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Stacy Schimmoeller (PROGRAM ADMIN 3)	2/4/2019



Appendix

General

Aerial Map.pdf
Correspondence with Emergency and Public Services.pdf
County Map.pdf
USGS Quadrangle Topographical Map.pdf

Alternatives

ODOT No Issues with Alternatives Evaluation IOC.pdf

ESA

OES Recommendations - Screening.pdf

Cultural Resources

Alternatives Evaluation Report - OSE Review.pdf
Consulting Party Coordination - Plaque Design.pdf
NRHP Determination.pdf
OHPO Cultural Map.pdf
Project Related OES Decision - Cultural Resources.pdf
SHPO Concurrence.pdf

Ecological

Consult Form WOO-Long Judson Br PID 98749.pdf
Coordination with ODNR and USFWS.pdf
ODNR Comments.pdf

Other Resources

Census Bureau Urbanized Area Map.pdf
Site Specific Resource Mapping.pdf
Sole Source Aquifer Mapping.pdf
Water Source Protection Area Map.pdf
Well Log Data.pdf

Section 4(f)

OES Cultural Resources 4(f) Determination.pdf

Underserved Populations



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Census Mapping.pdf

Underserved Populations Documentation Form.pdf

Public Involvement

Property Owner Notification Letter.pdf

Permits

FEMA FIRM.pdf

Floodplain Permit.pdf