



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

WOO 64/65-5.78/6.18/23.39 Br Rpl PID 107711

Environmental Document Level: C2

Approved: 2/14/2024

Prepared By: Robert Smith

CAP-STONE & Associates, Inc.

Phone: 740-334-3797

E-mail: robertsmith@stoneenvironmental.com

District Contact: Phoenix Meek

Phone: 419-373-4329

E-mail: Phoenix.Golnick@dot.ohio.gov

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.

Table of Contents

C2.....	3
Environmental Commitments.....	9
Preparers and Approvals.....	11
Appendix.....	13



C2

Project Information

PID:	107711
Project Sponsor:	DISTRICT 2 ENGINEERING
ODOT District:	2
Funding Source:	Federal

C2 Section

Project Description:

The project proposes to replace three structures and improve two State Routes (SR) at three different locations. This includes, the improvement of 0.08 miles of SR 64 and the replacement of a structure over an Unnamed Tributary of Haskins Creek (WOO-64-5.78), the improvement of 0.04 miles of SR 65 and the replacement of a structure over Sugar Creek (WOO-65-6.18), and the improvement of 0.08 miles of SR 65 and the replacement of a structure over Grassy Creek (WOO-65-23.39).

WOO-64-5.78 is located in Plain Township, Wood County. The reconstruction of SR 64 and Mitchell Road and the replacement of the culvert will require the full closure of the roads. Traffic will be redirected to SR 25 through Bowling Green and routed west or east on SR 582. Due to the widening of SR 64 and the construction of the culvert wingwalls on the southwest quadrant of the intersection, 3 parcels will be affected and it will require the acquisition of 0.437 acres of right of way (warranty deed). There are three utility impacts on the project. Frontier has a buried copper cable along the east side of SR 64 that will need to be relocated prior to construction. There is a 20-inch water main owned by the City of Bowling Green on the west side of SR 64 that will have to be lowered. A gas line on the west side of SR 64 will likely have to be relocated.

WOO-65-6.18 is located in Washington Township, Wood County. The construction of the single span bridge will require the closure of S.R. 65 and the detouring of traffic. Traffic will be redirected to SR 235, U.S. Route 6, SR 25, SR 582, and SR 65. The construction of embankment and channel improvements, and the removal of two trees on the north side of S.R. 65 requires 0.068 acres of permanent right of way (0.034 acres located within the Maumee Riverbed). The construction of embankment and removal of 2 trees requires 0.030 acres of permanent right of way and an additional 0.007 acres of temporary right of way. AT&T has aerial telecommunication lines located on the south side of SR 65 that will be impacted during construction.

WOO-65-23.39 is located in Rossford, Wood County. The construction of the bridge will require the closure of S.R. 65 and the detouring of traffic and pedestrians. Traffic will be redirected to SR 199, SR 795, Interstate-75, and SR 65. Pedestrians will be redirected to Eagle Point Road to Colony Road to SR 65. The construction of the bridge and removal of 1 tree will require 0.014 acres of permanent right of way. The construction of a storm sewer near the southwest corner of the bridge, the northwest corner of the bridge, and removal of 6 trees, a stump, and tree line will require 0.040 acres of storm sewer easement. The construction of fence, construction of bridge, grading, and removal of 4 trees and brush will require 0.111 acres of temporary right of way. Buckeye Broadband has aerial fiber optic and coaxial cable lines located on the south side of S.R. 65 that will need to be relocated before the start of construction. Toledo Edison has aerial electric lines and utility poles on the south side of S.R. 65 that will need to be relocated before the start of construction. Northwestern Water and Sewer District has a 10" sanitary sewer on the north side of S.R. 65 that will be removed and replaced as a part of this project. Northwestern Water and Sewer District has a 12" water main located under the southbound S.R. 65 lane that will need to be relocated before the start of construction. The 12" water main will be relocated to the east of S.R. 65 under a separate contract that will be completed prior to the start of PID 107711. Horizontal directional drilling (HDD) will be utilized to install the water main under Grassy Creek, and the relocated 12" water main will not be impacted during the construction of the S.R. 65 bridge and all related work.

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

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

Ellis STIP Details



Approved: 2/14/2024

Phase	Current STIP Reference
ENV	On Previous STIP
RW	107711: 24-27 STIP
CO	107711: 24-27 STIP
DD	107711: 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 -

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



Environmental Document Level: C2
PID 107711 WOO 64/65-5.78/6.18/23.39 Br Rpl
Approved: 2/14/2024

Waterways Permit Type:

Permit Determination and/or Permit
Application Approval Pending

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

01/11/2024

Endangered Species - Critical Habitat Present/Impacted

Indiana bat

Northern long-eared bat

Endangered Species - Other Critical Habitat Present/Impacted:

No

Scenic Rivers

The project is within 1000 feet of a
National Wild or Scenic River, but
no impacts will occur to the river or
its tributaries.

Scenic Rivers Remarks

The WOO-65-6.18 location is within the 1,000' buffer of the Scenic Maumee River. In accordance with the Scenic River MOA between ODNR and ODOT (No. 11323), Tier V Coordination will be completed prior to the start of construction. Documentation of coordination will be included in the project file.

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 WOO-65-6.18 location and the WOO-65-23.39 location encroach upon a Special Flood Hazard Area Zone AE. Floodplain coordination was initiated on March 2, 2022 with the Wood County Planning Commission and the City of Rossford Zoning Department, respectively. On January 19, 2024 ODOT District 2 provided a Statement of Findings that all NFIP regulations will be met and all required coordination will be done prior to construction and this project has complied with all applicable Local, State, and Federal Floodplain protection standards.

Section 4(f)



Section 4(f):

Present; No Impacts and/or Access
Restrictions

Section 4(f) Remarks

At the WOO-65-6.18 location, a culvert that conveys Sister Creek and passes under State Route 65 directly into the Maumee River is being replaced. Construction is expected to last approximately 6 months and is anticipated to begin in April of 2025. Anticipated impacts to the Maumee River include the placement of Type A RCP and headwalls.

Access to the Maumee River Water Trail, a public boat launch, is located to the west of the project on the north side of State Route 65, and a dedicated parking area is located on the south side of State Route 65. Safe public access to the Maumee River Water Trail boat launch area and parking area will be maintained at all times during construction activities via flagging operations, a detour, or both approved by the Project Engineer.

Section 6(f)

Section 6(f):

Not present

Cultural Resources

Cultural Resources:

Not Present

**Cultural Resources Coordination - ODOT Approval/SHPO
Concurrence Date**

12/08/2023

Cultural Resources Remarks

Minor strip right-of-way focused on the existing stream channels will be needed to install the new structures, provide access during construction, and added rock channel protection on the associated creek banks. Construction will only involve previously disturbed areas. The project will not involve any 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). Rossford, Ohio is known for the presence of the Indian Hills National Register archaeological site (NR # 97001983). The site is along Grassy Run but between 1200 feet and 2500 feet east of the current WOO-65-23.39 project area. It is not in the APE and will not be involved in the current construction effort.

The two bridge-size culverts in rural areas (WOO-64-5.78 -- SFN 8702284 -- built in 1969 and WOO-65-6.18 -- SFN 8702616 -- built in 1971) are Type 319N Corrugated Steel Filled structures. The larger structure in Rossford, Ohio (WOO-65-23.39 -- SFN 8702853 -- built in 1931) is a Type 111N Hybrid Concrete and Corrugated Metal Arch bridge. None of these bridges are considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010).

On December 18, 2023 ODOT-OES concluded that in accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, ODOT-OES has determined that the proposed project is a type of undertaking that has "minimal potential to cause effects" to historic properties and is not a part of a larger undertaking.

Tribal Consultation Summary/Remarks:

No tribal comments or objections were received for the project during the 30-day comment period.

Environmental Resources Considered

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

Regulated Materials



Air Remarks

The project is listed in the STIP; therefore, ozone is addressed. The project is not located in a nonattainment or maintenance area; therefore, no PM2.5 analysis is required. The project does not add capacity, a new interchange, relocate thru lanes closer to sensitive areas, add a new lane of significant length, or an expansion to intermodal. Therefore, no MSAT 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); therefore, 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:

Plan Note Required

Regulated Materials Review Screening - DEC/OES Approval Date: 03/24/2023

Regulated Materials Review Remarks:

ODOT-OES completed a review of the RMR Screening for this project. On March 24, 2023 ODOT-OES provided the following comments and recommendations:

- 1) WOO-64-5.78 No further RMR or special material management is warranted for this section of the project.
 - 2) WOO-65-6.18 No further RMR or special material management is warranted for this section of the project.
 - 3) WOO-65-23.39:
 - a. RM-021, Speedway A plan note for PCS should be placed in the plans for this Property.
 - b. RM-023, Toddler's School/Rosford Laundry & Tan (Former D&D Cleaners & Laundry Center) A plan note for dry cleaning fluids should be placed in the plans for this Property.
- No further RMR or special material management is warranted for the remainder of the Properties. However, If the plans change and additional ROW and/or deep excavation is needed, further RMR may be required.

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
159060	13	19
159053	13	15
159054	9	13
159012	3	14
159014	13	19
159016	3	14
159011	5	16



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, 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

A Project Notification Mailing was sent out on September 21, 2021 requesting comments. As of February 6, 2024 no public comments have been received.

Environmental Commitments

Environmental Commitments

Yes



Environmental Commitments

C2

- 1) 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) ODOT will adhere to all appropriate Waterway Permit Special Provisions throughout construction.
- 3) RM-021, Speedway - A plan note for PCS should be placed in the plans for this Property.
- 4) RM-023, Toddler's School/Rossford Laundry & Tan (Former D&D Cleaners & Laundry Center) - A plan note for dry cleaning fluids should be placed in the plans for this Property.
- 5) The Project Designer shall incorporate the following note in the plans: The Contractor shall not discharge toxic or hazardous materials such as sealants, paint, solvents, cleaning agents, earthen materials, waste-water, fuels or debris of any kind to a scenic river, its tributaries, or drainage ways. If refueling of immobile equipment is necessary within the floodplain or near any tributary drainage ways, ditches, or stream, the contractor shall provide secondary containment with enough capacity to completely contain and collect all potential liquid wastes in the event of a spill.
- 6) The Project Designer shall incorporate the following note to the plans: Any and all construction debris, earthen debris, excess asphalt or concrete, wood debris from clearing, excess fill material, and trash should be disposed of at an approved upland site or land fill above FEMA 100-year flood elevations. Disposal of any such materials within 1000 feet of the Maumee River is prohibited.
- 7) The Project Designer shall incorporate the following note to the plans: In accordance with ORC 3750.06, reportable spills must be reported to the local fire department (911), the local emergency coordinator (419) 354-9269, and the Ohio Spill Line (1-800-282-9378).
- 8) The Project Designer shall incorporate the following note in the Plans: KEEP ALL IDLE EQUIPMENT AND ANY STORAGE FOR/OF, FUELS, LUBRICANTS, POTENTIALLY TOXIC OR HAZARDOUS MATERIALS BEYOND 1000 FEET OF THE MAUMEE RIVER. THE ONLY EXCEPTIONS WILL BE FOR LARGE STATIONARY CRANES, DRILL RIGS, AND OTHER LARGE CONSTRUCTION EQUIPMENT WITH LIMITED MOBILITY. IDLE EQUIPMENT IS DEFINED AS CONSTRUCTION EQUIPMENT THAT WILL NOT BE IN USE FOR THE FOLLOWING TWO CALENDAR DAYS. NOTIFY THE ENGINEER OF WEATHER OR RIVER CONDITIONS THAT MAY IMPACT THE WORK SITE AND PROVIDE A PLAN FOR IMMEDIATE MOVEMENT OF ALL EQUIPMENT 1000 FEET OR MORE FROM THE RIVER.
- 9) The Project Designer shall incorporate the following note in the plans: The Contractor shall develop and implement a sediment and erosion control plan before earthwork commences. The plan shall include a list of applicable BMPs, per SS 832 that will be used throughout the project, such as perimeter controls and/or seeding and mulching and must be submitted to the Project Engineer for review and acceptance. Sediment and erosion controls shall be properly installed and maintained throughout the duration of the project. Straw bales shall not be permitted as a form of sediment control. All temporary sediment and erosion controls shall be removed upon stabilization of the project area. Particular attention shall be given to any drainage ways, unprotected slopes, ditches, and streams that could convey sediment laden waters directly to the Maumee River.



Approved: 2/14/2024

- 10) The Project Designer shall incorporate the following note in the plans: When cutting and clearing of any vegetation within 1000 feet of the Maumee River, the Contractor shall limit the amount of vegetation being cleared to the absolute minimum necessary to accomplish the goal of the project. Vertical pruning of trees is permitted if any overhanging limbs cause a safety hazard or obstruct view. The Contractor shall not use a flail mower for vertical pruning. The Contractor must avoid girdling or scuffing tree trunks.
- 11) The Project Designer shall incorporate the following note in the plans: The Contractor shall make every attempt to work from the bridge decks to place RCP around the structure and to use the minimum amount of RCP necessary to prevent scour. New or used concrete or asphalt are specifically prohibited from use as fill below the OHWM or on any portion of the scenic river stream bank.
- 12) The Project Designer shall incorporate the following note in the plans, identify areas to be planted that consider setbacks for clear zones and safety, specify which native tree species shall be planted, and include pay items for native seeding and tree planting. The Contractor must make all reasonable attempts to disturb the minimum amount of riverbank vegetation. Disturbed stream banks shall be re-vegetated, returned to previously existing contours and elevations, and any trees removed to perform the work shall be replaced with native tree species, where physically practicable. Native tree species as specified in the plans shall be planted at a density of 400 trees per acre with a spacing of approximately 10 feet on center. Seeding and/or mulching must occur immediately following project completion.
- 13) The Project Designer shall incorporate the following in the scope of work: The Contractor shall make every attempt to conduct in-stream work using water diversions such as sheet piling, membrane dams, etc. that do not require the placement of earthen fill.
- 14) Maintain safe public access to the Maumee River Water Trail boat launch area at all times during construction activities via flagging operations, a detour, or both approved by the Project Engineer.
- 15) In accordance with the Scenic River MOA between ODNR and ODOT (No. 11323), Tier V Coordination will be completed prior to the start of construction. Documentation of coordination will be included in the project file



Preparers and Approvals

Form Preparer: Robert Smith
CAP-STONE & Associates, Inc.
748 Green Crest Drive, Westerville OH 45410
740-334-3797
robertsmith@stoneenvironmental.com

Supporting Form Preparer(s): Phoenix Meek
Robert Smith

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Phoenix Meek (PROGRAM ADMIN 3)	2/14/2024



Appendix

ESA

OES Recommendations - Screening.pdf

Screening Rpt - 1 Revised.pdf

Screening Rpt 2 - Revised.pdf

Screening Rpt 3 Comments.pdf

General

County Map.pdf

Revised WOO-65-6.18 Bridge Site Plan.pdf

Scenic Rivers Mapping.pdf

USGS Quadrangle Topographical Map.pdf

Air

District Determination - No Air Analysis Required.pdf

Noise

District Determination - No Noise Analysis Required.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Section 106 Scoping Request Form.pdf

Tribal Comments - Miami Tribe.pdf

Ecological

ODNR Comments

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Environmental Justice

Census Mapping.pdf

Public Involvement

Property Owner Notification Letter.pdf

Public Notification Mailing List.pdf

Permits

Coordination with Local Floodplain Administrator.pdf



Environmental Document Level: C2
PID 107711 WOO 64/65-5.78/6.18/23.39 Br Rpl
Approved: 2/14/2024

FEMA FIRM.pdf

Floodplain Impacts.pdf

Statement of Findings.pdf