



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 04
2088 SOUTH ARLINGTON RD. • AKRON, OH 44306 • 330-786-3100

Environmental Document

for

MAH Wetmore Dr Bridge PID 118677

Environmental Document Level: C2

Approved: 2/22/2024

Prepared By: Sumia Mohamed

Lawhon AND Associates Inc.

E-mail: smohamed@lawhon-assoc.com

District Contact: Edward Deley

Phone: 330-786-4930

E-mail: Edward.Deley@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.....	10
Appendix.....	12



Environmental Document Level: C2
PID 118677 MAH Wetmore Dr Bridge
Approved: 2/22/2024

C2

Project Information

PID:	118677
Project Sponsor:	Struthers, City of
ODOT District:	4
Funding Source:	Federal

C2 Section

Project Description:



Environmental Document Level: C2

PID 118677 MAH Wetmore Dr Bridge

Approved: 2/22/2024

City of Struthers proposes to replace the existing 42-foot long, single-span concrete tee-beam bridge on full-height concrete abutments carrying Wetmore Drive over Yellow Creek located within Yellow Creek Park in the city of Struthers, Mahoning County, Ohio. The existing bridge will be replaced by a new 81-foot single-span prestressed concrete box beam bridge with a reinforced concrete deck on reinforced concrete stub-type abutments and drilled shafts. The proposed new abutments will be installed behind the remaining portions of the existing abutments. Additional improvements proposed by this project include the partial replacement of an existing 3-foot by 4-foot stone culvert with a new 5-foot by 5-foot Type A box culvert, approach roadway pavement resurfacing, new approach slabs, new concrete walk/new curb installations, storm sewer drainage system improvements, rock channel protection placement, and installation of a new decorative bridge railing.

Mapping that depicts the project location on United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Mapping is included in the Project File/General/Project Information subsection as *USGS Quadrangle Topographical Map.pdf*.

During construction, Wetmore Drive at the bridge site will be closed to traffic for a maximum of one hundred fifty (150) consecutive calendar days. The official detour for this project will utilize Center Street, Lowellville Road, S. Bridge Street and Poland Avenue. All construction, lane restriction and roadway closure/detour information will be posted within the project construction limits and all intersecting side roads prior to the start of project construction. Access shall be maintained to all adjacent properties for the duration of the project. Substantial traffic disruptions are not expected during project construction.

While portions of the project extend outside the existing roadway right-of-way, no new permanent and/or temporary right-of-way is needed to construction the project since the city of Struthers owns the adjacent Yellow Creek Park property.

Overhead utility poles, a gas line and water line are located within the project study area. Relocation of the overhead utility poles and water line will be necessary to complete the work and shall be coordinated with the service providers in accordance with the project plans and will occur within the existing roadway right-of-way. Utilities will not be permanently removed to construct the project. Coordination with the utility companies affected by the proposed construction activities was conducted for the project during its detailed design phase and will continue until the relocations are complete. See the Utility Coordination Summary for the project in the Project File/General/Right-of-Way and Utility Involvement subsection as *Correspondence Related to Utility Coordination.pdf*.

The project proposes to impact approximately 5 linear feet of Stream 1. The stream impacts were reduced to the maximum extent practicable during plan development. OES-WPU reviewed the submitted Determination Request Form and determined on February 15, 2024, that the proposed project will meet the criteria for USACE Nationwide Permit (NWP) 3 (Maintenance). See the OES Permit Determination and the latest stream impact information for the project in the Permit Determination Request in the Project File/Permits/Waterways subsection.

The project also proposes to remove approximately 0.061-acre of potential wooded habitat for the federally endangered Indiana Bat (*Myotis sodalis*) and Northern Long-eared Bat (*Myotis septentrionalis*) and the federally-proposed endangered Tri-colored Bat (*Perimyotis subflavus*) as well as the state-listed Little Brown Bat (*Myotis lucifugus*). See the threatened and endangered species information for the project in the Level 1 Ecological Survey Report and agency coordination documentation provided in the Project File/Ecological/Reports and Coordination subsections and the Ecological Tab.

The project will not impact any other environmentally sensitive resources within the project study area.

The environmental document and associated studies, as applicable, were approved using the Stage 3 Design plans for the project. A copy of the Stage 3 Design plans for the project is included in the Project File/General/Project Information subsection as *Stage 3 Design.pdf*.

The estimated total project cost specified in Ellis is 27.22% greater than the total project cost specified in the ODOT State Fiscal Years 2024 - 2027 Statewide Transportation Improvement Program (STIP). However, fiscal constraint is at the Statewide Line Item (SLI) Group level. Therefore, an individual project utilizing a SLI does not require a STIP/TIP amendment.

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

Yes

Ellis STIP Details

Phase	Current STIP Reference
ENV	
CO	118677: 24-27 STIP
DD	

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

Yes

Select the appropriate project type:



Environmental Document Level: C2

PID 118677 MAH Wetmore Dr Bridge

Approved: 2/22/2024

(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
Waterways Permit Type:	Nationwide Permit
Waterways Permit Approval Date	02/15/2024
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



Environmental Document Level: C2

PID 118677 MAH Wetmore Dr Bridge

Approved: 2/22/2024

Endangered Species - Coordination Date

12/18/2023

Endangered Species - Critical Habitat Present/Impacted

Indiana bat

Northern long-eared bat

Endangered Species - Other Critical Habitat Present/Impacted:

Yes

Endangered Species - Other Description:

0.061-acre of potential wooded habitat for federally-proposed endangered Tri-colored Bat.

Scenic Rivers

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

Scenic Rivers Remarks

The project will not impact any scenic river.

Floodplains

100-Year Floodplain:

No Encroachment Within a Special
Flood Hazard Area (SFHA)

Floodplain Remarks

The project is not located within a regulated floodplain, therefore, no coordination is required. See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection.

Section 4(f)

Section 4(f):

Present; No Programmatic
Evaluation or Individual Evaluation
Required

Section 4(f) Determination:

de minimis - Recreational

Section 4(f) Determination Date - de minimis - Recreational

02/08/2024

Section 4(f) Remarks

Yellow Creek Park is a recognized recreational property and is afforded protection from adverse impacts. Section 4(f)/6(f) Determination Request Form for Recreational Properties (DRF) was submitted to ODOT-OES Policy Staff on February 6, 2024. Based upon review of the DRF it was determined a *de minimis* impact will occur to Yellow Creek Park in accordance with 23 CFR 774. This determination was made based on the proposed scope of work and concurrence received from the Officials with Jurisdiction (OWJs) regarding the assessment of impacts. No further Section 4(f) coordination is required. See the Section 4f documentation for the project in the Project File/Section 4f/Reports and Coordination subsections.

Section 6(f)



Environmental Document Level: C2

PID 118677 MAH Wetmore Dr Bridge

Approved: 2/22/2024

Section 6(f):

Not present

Cultural Resources

Cultural Resources:

Present; No Finding of Adverse Effect

Cultural Resources Coordination:

Minimum Potential to Cause Effect
Appendix A

Cultural Resources Coordination - ODOT Approval/SHPO
Concurrence Date

12/07/2023

Cultural Resources Remarks

A Cultural Resources Records Check was performed using the SHPO GIS online database to determine if previously recorded cultural resources are located within the project Area of Potential Effects (APE), the footprint of the project. No Cultural Resources listed on or determined eligible for listing on the National Register of Historic Places were identified within and/or immediately adjacent to the proposed project area. District environmental staff coordinated with OES Cultural Resources Staff on November 8, 2023 and a determination was made that the project is not a part of a larger undertaking and is a type which has minimal potential to cause effects to historic properties in accordance with Stipulation V(C)(1) and Appendix A of the Section 106 Programmatic Agreement executed on June 29, 2023 (Agreement No. 38503), therefore, no further coordination is required. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the Cultural Resources Tab.

Environmental Resources Considered

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

Regulated Materials

Air Remarks

See the Air Quality documentation for the project in the Project File/Air/Coordination subsection.

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:

12/11/2023

Regulated Materials Review Remarks:

Based on the information in the Regulated Materials Review (RMR) Form completed for the project, further RMR activities or special materials management are not warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports subsection.



Environmental Document Level: C2

PID 118677 MAH Wetmore Dr Bridge

Approved: 2/22/2024

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
390998108002	6	38

Environmental Justice Remarks

A review of the ODOT Transportation Information Mapping System (TIMS) indicated Environmental Justice populations within the proposed project area. No businesses or residences will be acquired or relocated as part of the project. The proposed project will have no disproportionately high and adverse effects to minority or low-income populations based upon the table above and attached mapping. Therefore, in accordance with the protections of Executive Order 12898 and FHWA Order 6640.23A, no further analysis is required. See Environmental Justice documentation for the project in the Project File/Environmental Justice/Project Information subsection.

Public Involvement

Public Involvement:

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

Public Involvement Remarks

Various public involvement activities were conducted for the project, including a press release, website posting and notifications to stakeholders (public officials and emergency/public service providers). Two (2) news article about the project were published by WFMJ and WKBN. Comments were requested by all the public involvement activities conducted for the project. No public comments were received as a result of the public involvement activities performed for the project. See the public involvement documentation for the project in the Project File/Public Involvement/Project Information subsection.

Environmental Commitments

Environmental Commitments

Yes



Environmental Commitments

C2

1) NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO FEDERALLY AND STATE LISTED BAT SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSE 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 project designer shall incorporate the following note into the plans. WETLANDS AVOIDANCE: NO EXCAVATION, GRADING, OR FILLING OPERATIONS SHALL BE PERFORMED IN THE WETLAND A DELINEATED JUST BEYOND THE PROJECT CONSTRUCTION LIMITS AND DEPICTED IN THE PROJECT PLANS AND/OR THE ECOLOGICAL RESOURCES MAPPING AVAILABLE FOR VIEWING AT THE ODOT DISTRICT 4 OFFICE LOCATED AT 2088 SOUTH ARLINGTON ROAD, AKRON, OH. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE MECHANICAL EQUIPMENT (LIFT, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS IN ANY WETLANDS, ETC. ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS SECTION 107.10 (PROTECTION AND RESTORATION OF PROPERTY) PROHIBIT THE CONTRACTOR FROM CREATING STAGING AREAS NEAR STREAMS AND/OR WETLANDS.

3) The project designer shall incorporate the following note into the plans. Access to Yellow Creek Park and its amenities, including the adjacent Yellow Creek Trail and Hopewell Furnace Trail and parking area, shall be maintained at all times during construction activities via flagging operations and/or the approved detour route.

4) The project designer shall incorporate the following note into the plans. Temporary construction fencing shall be installed along the proposed construction limits, as needed, prior to the start of construction activities to protect the existing Section 4(f) property and the public.

5) The project designer shall incorporate the following note into the plans. Appropriate signage shall be installed, as needed, to alert users of Yellow Creek Park of construction activities, access restrictions or closures, and to direct users to secondary access points via the detour route.

6) The project designer shall incorporate the following note into the plans. The contractor shall be required to closely coordinate the construction schedule with ODOT, Struthers and Mill Creek Metroparks prior to the start of construction activities.

7) The project designer shall incorporate the following note into the plans. STREAM AVOIDANCE: UNDER NO CIRCUMSTANCES SHALL ANY MECHANICAL EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER YELLOW CREEK. NO FILL MATERIAL (INCLUDING ROCK, COFFERDAMS, ETC.) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH-WATER MARK (OHWM) ELEVATION OF YELLOW CREEK DELINEATED WITHIN THE PROJECT CONSTRUCTION LIMITS AND DEPICTED IN THE PROJECT PLANS AND/OR THE ECOLOGICAL RESOURCES MAPPING AVAILABLE FOR VIEWING AT THE ODOT DISTRICT 4 OFFICE LOCATED AT 2088 SOUTH ARLINGTON ROAD, AKRON, OH. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT ALL DEMOLITION DEBRIS, CONSTRUCTION MATERIALS, WASTE MATERIALS, WATER CHEMICALS OR OTHER SUBSTANCES USED TO CONSTRUCT THE PROJECT FROM ENTERING YELLOW CREEK.



Environmental Document Level: C2
PID 118677 MAH Wetmore Dr Bridge
Approved: 2/22/2024

Preparers and Approvals

Form Preparer: Sumia Mohamed
Lawhon AND Associates Inc.
smohamed@lawhon-assoc.com

Supporting Form Preparer(s): Robert Shenal
Sean Carpenter
Andrew Fluegemann
Susan Daniels

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	2/22/2024



Appendix

ESA

Regulated Materials Review Form.pdf

General

Aerial Map.pdf

Correspondence Related to Utility Coordination.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Air

District Determination - No Air Analysis Required.pdf

Cultural Resources

Minimal Potential to Cause Effects - A or B.pdf

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Other Resources

Census Bureau Urbanized Area Map.pdf

Water Source Protection Area Map.pdf

Well Log Data.pdf

Section 4(f)

OES Recreational 4(f) Determination.pdf

Environmental Justice

Census Mapping.pdf

Public Involvement

City of Struthers Website Posting.pdf

Emergency - Public Services Notification .pdf

Emergency - Public Services Notification List.pdf

News Article - WFMJ.pdf

News Article - WKBN.pdf

Press Release.pdf



Environmental Document Level: C2
PID 118677 MAH Wetmore Dr Bridge
Approved: 2/22/2024

Permits

FEMA FIRM.pdf