



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

MAH SR 0164 0.88/2.84 PID 101947

Environmental Document Level: C2

Approved: 3/30/2020

Prepared By: District 4

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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 June 6, 2018, and executed by FHWA and ODOT.

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C2

PID:	101947
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Federal
Private Funding:	No

Project Description:

The Ohio Department of Transportation (ODOT) plans to improve State Route (SR) 164 in Beaver Township, Mahoning County. The project proposes to replace the following two (2) structures along SR 164:

1. Structure No. MAH-164-0.88/Structure File Number (SFN) 5003121, and
2. Structure No. MAH-164-2.85/SFN 5003156.

Specified below is the proposed work on these structures:

MAH-164-0.88/14-foot single span concrete slab bridge over an unnamed tributary to Mill Creek: replace the existing structure with a 16' x 9' Type A conduit with full-height headwalls, place Type B rock channel protection at the conduit inlet/outlet and install riprap at the conduit inlet.

MAH-164-2.85/10' x 6' single span concrete slab bridge over an unnamed tributary to Mill Creek: replace the existing structure with a 10' x 7' Type A conduit with full-height headwalls, place Type B rock channel protection at the conduit inlet/outlet and install riprap at the conduit inlet.

The project also proposes approach roadway improvements, embankment reconstruction, guardrail replacement/installation and pavement marking applications at both bridge sites.

During project construction, a minimum of one 10-foot lane of traffic in each direction shall be maintained on the existing pavement or completed pavement, except when necessary to close SR 164 to traffic at each bridge site for a maximum of fourteen (14) consecutive calendar days to replace the structures. The detour for each bridge closure will utilize SR 165, SR 46 and SR 14. These two (2) closures shall not occur simultaneously. Maintenance of traffic information will be posted within the project limits prior to the start of construction. Access shall be maintained to all adjacent properties, businesses and intersecting side streets for the duration of the project. Substantial traffic disruptions are not expected with the project.

A total of 0.079 acre of new permanent right-of-way will be required from a total of four (4) property owners to construct the project. See the right-of-way plans for the project in the Project File/General/Project Information subsection as Final Right of Way Plans.pdf.



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Electric, gas, sanitary, water and telecommunications utilities exist within the project study areas. The water utility attached to the MAH-164-2.85 bridge conflicts with the project and will be relocated prior to the proposed replacement. Moreover, the electric lines located adjacent to the MAH-164-0.88 and MAH-164-2.85 bridges conflict with the project and will be temporarily de-energized, disconnected and reconnected to replace the bridges. All utility relocations, including necessary electric service de-energization/disconnections/reconnections, shall be coordinated with the service providers in accordance with the project plans and will occur within the existing roadway right-of-way. The remaining utilities do not conflict with the project and will not be impacted during project construction. 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 preliminary engineering phase and will continue during its detailed design phase.

In accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement between The Federal Highway Administration, Ohio Department of Transportation, Ohio's State Historic Preservation Office, and The Advisory Council on Historic Preservation executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, ODOT Office of Environmental Services (OES) determined the 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. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the Cultural Resources Tab.

Based on the information in the Regulated Materials Review (RMR) Form completed for the project and the right-of-way plans prepared for the project, further environmental site assessment or special materials management is not warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports subsection.

See continuation of the project description in the Project File/General/Project Information subsection as Project Description Continued.pdf.

STIP Reference #

Statewide Line Item (SLI) Number 32
and is fiscally constrained.

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 -
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



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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:	Permit Determination and/or Permit Application Approval Pending
Isolated Wetland Permit	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	10/31/2019
Endangered Species - Critical Habitat Present/Impacted	
Eastern massasauga	
Indiana bat	
Northern long-eared bat	
Endangered Species - Other Critical Habitat Present/Impacted:	No
100-Year Floodplain:	Encroachment Within the SFHA is a Functionally Dependent Use
EO 11988/NFIP Coordination and Documentation Completed:	No
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	02/27/2020

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.

Air Quality:	Studies Not Required
Air Quality - Coordination with OES:	No



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Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	03/18/2020
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	10/18/2019
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) FRESHWATER MUSSELS: ODOT WILL CONDUCT A FRESHWATER MUSSEL RECONNAISSANCE SURVEY AND RELOCATIONS, IF NECESSARY, PRIOR TO PROJECT CONSTRUCTION.
- 2) The project designer shall incorporate the following note into the plans. ENDANGERED SPECIES HABITAT-INDIANA BAT/NORTHERN LONG-EARED BAT - MAH-164-2.85: THE AFOREMENTIONED PROJECT SITE IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED AT THIS LOCATION 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 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 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) The project designer shall incorporate the following note into the plans. ENDANGERED SPECIES -EASTERN MASSASAUGA RATTLESNAKE - MAH-164-0.88: THE AFOREMENTIONED PROJECT SITE IS WITHIN THE RANGE OF THE EASTERN MASSASAUGA RATTLESNAKE (SISTRURUS CATENATUS) A STATE ENDANGERED AND FEDERAL THREATENED SPECIES. IF EASTERN MASSASAUGA RATTLESNAKES ARE ENCOUNTERED IN THE WORK AREA(S) DURING CONSTRUCTION, NO PERSON SHALL HARM OR KILL THE SNAKES OR ATTEMPT TO HANDLE THE EASTERN MASSASAUGA RATTLESNAKE. ALL CONSTRUCTION OPERATIONS AT THE WORK AREA(S) SHALL TEMPORARILY CEASE AND ODOT OFFICE OF ENVIRONMENTAL SERVICES (OES) - ECOLOGICAL SECTION (614-466-5129 OR 614-466-5112) AND THE UNITED STATES FISH AND WILDLIFE SERVICE (USFWS) COLUMBUS FIELD OFFICE (614-416-8993) WILL BE IMMEDIATELY CONTACTED. CONSTRUCTION OPERATIONS WILL NOT RESUME UNTIL COORDINATION WITH ODOT OES AND USFWS HAS BEEN CONCLUDED.



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Preparers and Approvals

Form Preparer

District 4
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Supporting Form Preparer(s):

Mark Andrasik
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	3/30/2020



Appendix

Ecological

Coordination with ODNR and USFWS.pdf

General

Final Right of Way Plans.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Ecological

ODNR Comments.pdf

ODOT Disposition of Agency Comments.pdf

General

Project Description Continued.pdf

Ecological

USFWS Comments Consult Form MAH-164-0.88 PID 101947.pdf

USFWS Comments Consult Form MAH-164-2.85 PID 101947.pdf

General

USGS Quadrangle Topographical Map.pdf

Ecological

Wetland Finding.pdf

Other Resources

Youngstown OH-PA Urban Area Boundary Map.pdf

Underserved Populations

Census Mapping.pdf

Public Involvement

District Website Posting.pdf

Emergency and Public Services Notification List.pdf

Emergency and Public Services Notification.pdf

Permits

FEMA FIRM.pdf

Public Involvement



Press Release.pdf

Permits

Project Manager Floodplain Notification.pdf

Public Involvement

Property Owner Notification Letter for right-of-entry.pdf

Property Owner Notification Letter for right-of-way.pdf

Public Comments Received.pdf

Permits

Public Explanation of Floodplain Impacts.pdf

Public Involvement

Public Notification Mailing List.pdf

Response to Public Comments.pdf

Underserved Populations

Underserved Populations Documentation Form.pdf