



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

MAH US 0224 13.64 PID 94132

Environmental Document Level: C1

Approved: 2/28/2019

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 December 11, 2015, and executed by FHWA and ODOT.

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C1

PID:	94132
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Federal
Private Funding:	No

Project Description:

The Ohio Department of Transportation (ODOT) plans improvements to U.S. Route (USR) 224 in Canfield and Boardman Townships, Mahoning County. The project proposes to mill and resurface 5.83 miles of USR 224 from Fairground Boulevard at Straight Line Mile (SLM) 13.64 to Tiffany Boulevard at SLM 19.47. Additional improvements include partial-depth pavement repairs, curb/gutter replacement, catch / manhole adjustments, installation of new guardrail with anchor end/bridge terminal assemblies and barrier reflectors and the application of edge/center/stop lines and other pavement markings. Moreover, the project also proposes minor maintenance on the following three (3) bridges along USR 224:

1. Structure No. MAH-224-15.34/Structure File Number (SFN) 5004780;
2. Structure No. MAH-224-15.93/SFN 5004802; and
3. Structure No. MAH-224-16.18/SFN 5004837.

Specified below are the maintenance activities proposed on these structures.

MAH-224-15.34: The project proposes minor maintenance on the existing 20' concrete filled culvert conveying an unnamed tributary to Indian Run under USR 224. Maintenance activities include channel cleanout, resealing the joints, clearing/grubbing of vegetation within 15' of the structure and installation of new structure identification signs.

MAH-224-15.93: The project proposes minor maintenance on the existing 80' continuous concrete slab bridge spanning Indian Run. Maintenance activities include replacing 6' of the deck edge, replacing the existing bridge railing and drip strip, repairing the existing concrete wearing surface and approach slabs including patching the concrete deck, sealing the existing concrete wearing surface and approach slabs with gravity fed resin concrete treatment, patching unsound areas of the concrete substructure including the deck floor, sealing all concrete surfaces, deck edges, abutments, wing walls and pier caps with epoxy-urethane, upgrading the existing approach guardrail, clearing/grubbing of vegetation within 15' of the structure and installation of new structure identification signs.

MAH-224-16.18: The project proposes minor maintenance on the existing 93' continuous concrete slab bridge spanning Mill Creek. Maintenance activities include sealing the existing concrete wearing surface and



approach slabs with gravity fed resin concrete treatment, patching unsound areas of the concrete substructure and installation of new structure identification signs.

During project construction, the two-way left-turn lane and a minimum of one ten-foot lane of traffic shall be maintained in each direction on the existing pavement and completed pavement. 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.

Based on the project scope of work and the proposed maintenance of traffic measures, emergency/public services contact activities were not conducted for the project. Information about this project is posted to the Mahoning County listing on the Public Meetings/Public Involvement page of the ODOT District 4 website.

The project will be constructed within the existing roadway right-of-way.

Existing utilities within the project study area will not be impacted/relocated to construct the project.

The undertaking will not require land from within a historic boundary of a Section 4(f) Cultural Resource. One historic district listed on the National Register of Historic Places (NRHP), Mill Creek Park Historic District (NRHP #05000178), is located within the construction limits of the project. Two additional NRHP resources, the Conrad Neff House (NRHP #74001561) and the St. James Episcopal Church (NRHP #79001892) are located along the project corridor. The project will not acquire new permanent right-of-way from within any NRHP boundary, and no contributing features of the historic resources will be removed or altered by the undertaking. On February 7, 2019, ODOT determined that the subject undertaking has minimal potential to cause effects to the Mill Creek Park Historic District, the St. James Episcopal Church, and the Conrad Neff House and no further review is required for the project. In accordance with 23 CFR Part 774, the undertaking will not result in the use of a Section 4(f) Cultural Resource. See the ODOT OES decision document e-mail correspondence, dated February 7, 2019, concerning the Cultural Resources Section 4(f) Determination for the project in the Project File/Section 4(f)/Coordination subsection as OES Cultural Resources 4(f) Determination.pdf.

See additional project description information 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.

Cultural Resources Coordination:

Minimal Potential to Cause Effect
Appendix B

Cultural Resources Coordination Date:

02/07/2019

Tribal Consultation Summary/Remarks:

The Miami Tribe of Oklahoma offers no objection to the project as it is not currently aware of existing documentation directly linking a specific Miami cultural or historic site to the project site. However, as this site is within the aboriginal homelands of the Miami Tribe, if any human remains or Native American cultural items falling under the Native American Graves Protection and Repatriation Act (NAGPRA) or archaeological evidence is discovered during any phase of this project, the Miami Tribe requests immediate consultation with the entity of jurisdiction for the location of discovery. See the Miami Tribe of Oklahoma



correspondence, dated February 25, 2019, with its comments on the project in the Project File/Cultural Resources/Coordination subsection.

Supporting documentation has been uploaded to Project File:

Yes

Select the appropriate project type (more than one can be selected):

(22) Projects, as defined in 23 U.S.C. 101 that would take place entirely within the existing operational right-of-way. Existing operational right-of-way refers to right-of-way that has been disturbed for an existing transportation facility or is maintained for a transportation purpose. This area includes the features associated with the physical footprint of the transportation facility (including the roadway, bridges, interchanges, culverts, drainage, fixed guideways, mitigation areas, etc.) and other areas maintained for transportation purposes such as clear zone, traffic control signage, landscaping, any rest areas with direct access to a controlled access highway, areas maintained for safety and security of a transportation facility, parking facilities with direct access to an existing transportation facility, transit power substations, transit venting structures, and transit maintenance facilities. Portions of the right-of-way that have not been disturbed or that are not maintained for transportation purposes are not in the existing operational right-of-way. ***Examples include: Tower lighting within the existing operational right-of-way; Guardrail installation and replacement (including median cable barriers) where roadway ditches and backslopes will not be relocated; Improvements to existing ODOT/County maintenance facilities; Construction of new ODOT/County maintenance facilities within existing operational right-of-way; Environmental mitigation activities within existing operational right-of-way; Work on pedestrian and vehicle transfer structures and associated utilities, buildings, and terminals within existing operational right-of-way; Construction of alternative energy facilities (fuel tank farms, wind turbines, etc.)***

Environmental Commitments:

Yes



Environmental Commitments

C1

1) The project designer shall incorporate the following note in the plans: PAINTING AND SEALING OPERATIONS: THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EPOXY-URETHANE SEALER, PAINT OR OTHER STRUCTURAL MATERIALS USED TO REPAIR, CLEAN, SEAL OR TREAT ANY STRUCTURE FROM ENTERING ANY STREAMS, WETLANDS OR OTHER WATERS OF THE UNITED STATES AND TAKE THE APPROPRIATE ACTIONS IN THE EVENT OF A RELEASE. THE CONTRACTOR SHALL LIMIT THE AMOUNT OF OPEN CONCRETE SEALER TO THE EXTENT PRACTICABLE TO PERFORM THE REQUIRED WORK. DISCARDED CONTAINERS SHALL BE REMOVED FROM THE VICINITY OF THESE WATERS AND UNDER NO CIRCUMSTANCES SHALL ANY SEALER BE STORED WITH THE 100-YEAR FLOOD PLAIN OF ANY STREAMS, ETC.

2) The project designer shall incorporate the following note in the plans: STREAM AVOIDANCE - MAH-224-15.34, MAH-224-15.93 AND MAH-224-16.18: UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER THE STREAM(S) AT MAH-224-15.34, MAH-224-15.93 AND MAH-224-16.18. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THE STREAM(S). THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT ALL CONSTRUCTION MATERIALS, WASTE MATERIALS, WATER CHEMICALS OR OTHER SUBSTANCES USED TO CONSTRUCT THE PROJECT FROM ENTERING THE STREAM(S).



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Preparers and Approvals

Form Preparer

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Supporting Form Preparer(s):

Matthew Chaney
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	2/28/2019



Appendix

General

Project Description Continued.pdf

USGS Quadrangle Topographical Map.pdf

ESA

District Determination - No ESA Studies Required.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Tribal Comments.pdf

Section 4(f)

OES Cultural Resources 4(f) Determination.pdf

Public Involvement

District Website Posting.pdf