



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

MAH Bridge Painting Phase 2 PID 104591

Environmental Document Level: C1

Approved: 1/23/2020

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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PID:	104591
Project Sponsor:	MAHONING COUNTY ENGINEER
ODOT District:	4
Funding Source:	Federal
Private Funding:	No

Project Description:

The Mahoning County Engineer (MCE) proposes to rehabilitate the MAH-CR 104-0.00/First Street Bridge #1/Structure File Number (SFN) 5052149, the MAH-CR 170-0.00/Oak Street Extension Bridge #1/SFN 5058163, the MAH-CR 316-0.00/Old Furnace Road Bridge #1/SFN 5058392 and the MAH-CR 318-0.00/Dewey Avenue Bridge #1/SFN 5058406, in the city of Youngstown and village of Lowellville, Mahoning County, Ohio. The proposed rehabilitation activities on these four (4) structures are specified below.

1. MAH-CR 104-0.00/First Street Bridge #1/Lowellville Veterans Memorial Bridge: The proposed rehabilitation activities on the existing 240-foot steel arch thru truss historic bridge spanning the Mahoning River include existing asphalt overlay removal, new asphalt overlay installation, railings/bearings/stringers/arch/other structural steel cleaning/painting, concrete substructure patching/sealing with epoxy-urethane, expansion joints/compression seals replacement, unsound concrete bridge deck area removal/repair, exposed concrete bridge deck surface sealing with epoxy-urethane and abandoned lighting mounting brackets removal.
2. MAH-CR 170-0.00/Oak Street Extension Bridge #1: The proposed rehabilitation activities on the existing 239-foot continuous steel beam bridge spanning Dry Run include expansion joint replacement, abutment seat cleaning, abutment rocker bearing resetting, concrete substructure patching, scupper cleaning, missing cross frame replacement, steel railings/stringers/bearings painting, unsound concrete bridge deck area patching, concrete substructure/sidewalk sealing with epoxy-urethane and concrete bridge deck sealing with a soluble reactive silicate (SRS) concrete treatment.
3. MAH-CR 316-0.00/Old Furnace Road Bridge #1: The proposed rehabilitation activities on the existing 151-foot continuous steel beam bridge within the Mill Creek Historic District and spanning Mill Creek include existing asphalt overlay removal, new asphalt overlay installation, expansion joint replacement, abutment beam seat cleaning, abutment bearing refurbishment/resetting, concrete substructure patching/sealing with epoxy-urethane, steel stringer/bearing painting, concrete sidewalk/deck fascia sealing with epoxy-urethane and concrete bridge deck sealing with a soluble reactive silicate (SRS) concrete treatment.
4. MAH-CR 318-0.00/Dewey Avenue Bridge #1: The proposed rehabilitation activities on the existing 280-foot continuous steel beam bridge spanning Gibson Run and the Youngstown and Southeastern Railroad include existing asphalt overlay removal, new asphalt overlay installation, expansion joint replacement, beam seat



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cleaning, abutment bearing refurbishment/resetting, bearing/steel beam/railing painting and concrete substructure patching/sealing with epoxy-urethane.

During construction, a minimum of one 10-foot lane of traffic in each direction shall be maintained on the existing pavement, except when it will be necessary to close Oak Street, Old Furnace Road and Dewey Avenue to complete the proposed rehabilitation activities. The First Street Bridge #1/Lowellville Veterans Memorial Bridge will remain open to pedestrians and vehicular traffic all times through the use of temporary traffic signals. The Oak Street bridge will be closed to pedestrian and vehicular traffic for a maximum of forty-five (45) consecutive days and the official detour route for this closure will utilize U. S. Route 422/McCartney Road and State Route 616/Coitsville-Hubbard Road. The Old Furnace Road bridge will be closed to all pedestrian, bicycle and vehicular traffic for a maximum of forty-five (45) consecutive days and the official detour route for this closure will utilize Glenwood Avenue, U. S Route 62/Canfield Road and Bears Den Road. Access to the Artists and West Cohasset Trails, Pioneer Pavilion and associated parking lot located on the west side of the Old Furnace Road bridge and the Slippery Rock and East Cohasset Trails located on the east side of the Old Furnace Road bridge and all other Mill Creek Park facilities will be maintained at all times throughout the project. Dewey Avenue bridge will be closed to pedestrian and vehicular traffic for a maximum of forty-five (45) consecutive days and the official detour route for this closure will utilize State Route 7/Market Street, E. Indianola Avenue and South Avenue. 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.

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

STIP Reference #

2018stipID0205FDENV and
2018stipID0205FD44 and is fiscally
constrained.

Cultural Resources Coordination:

Minimal Potential to Cause Effect
Appendix B

Cultural Resources Coordination Date:

09/20/2019

Tribal Consultation Summary/Remarks:

Based on the customized preferences configured by the tribe, the ODOT EnviroNet System notified the Miami Tribe of Oklahoma about the project on 09/20/2019. No comment or objection was received from the Miami Tribe of Oklahoma concerning this project within 30 days of the project notification date.

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



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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 into the plans: TREE CUTTING/REMOVAL PROHIBITED: THE MAH-CR 104-0.00, MAH-CR 170-0.00, MAH-CR 316-0.00 AND MAH-CR 318-0.00 BRIDGES ARE LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. TREE TRIMMING IS PERMITTED AT THESE LOCATIONS AS DIRECTED BY THE PROJECT ENGINEER, HOWEVER, NO TREES SHALL BE REMOVED AT THE LOCATIONS. 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: STREAM/RIVER AVOIDANCE - MAH-CR 104-0.00, MAH-CR 170-0.00, MAH-CR 316-0.00 AND MAH-CR 318-0.00: UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER THE MAHONING RIVER, DRY RUN, MILL CREEK AND GIBSON RUN. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THE STREAM(S)/RIVER(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)/RIVER(S).

3) The project designer shall incorporate the following note into the plans: DEWEY PARK AVOIDANCE - MAH-CR 318-0.00: THE CONTRACTOR SHALL NOT STAGE OR STORE ANY CONSTRUCTION EQUIPMENT AND/OR MATERIALS OR RESTRICT ACCESS TO DEWEY PARK.

4) The project designer shall incorporate the following note into the plans: MILL CREEK PARK: ACCESS TO ALL MILL CREEK PARK FACILITIES SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION ACTIVITIES VIA OTHER PARK ENTRANCES. TEMPORARY CONSTRUCTION FENCING WILL BE INSTALLED ALONG THE PROPOSED CONSTRUCTION LIMITS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO PROTECT MILL CREEK PARK AND THE PUBLIC. APPROPRIATE SIGNAGE WILL BE INSTALLED TO ALERT USERS OF MILL CREEK PARK OF CONSTRUCTION ACTIVITIES, TEMPORARY ACCESS RESTRICTIONS OR CLOSURES, AND DIRECT USERS TO SECONDARY ACCESS POINTS. THE CONTRACTOR SHALL BE REQUIRED TO CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE WITH ODOT, MAHONING COUNTY ENGINEER AND MILL CREEK METROPOLITAN PARK DISTRICT PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES.



Preparers and Approvals

Form Preparer

District 4
Contact: Edward Deley
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Edward.Deley@dot.ohio.gov

Supporting Form Preparer(s):

Lorie Feudner
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	1/23/2020



Appendix

Ecological

Ecological Review Form - Ecologically Exempt Project.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

General

Project Description Continued.pdf

USGS Quadrangle Topographical Map.pdf

Section 4(f)

District Determination - No 4(f).pdf

Public Involvement

Emergency and Public Services Notification.pdf

Emergency and Public Services Notificaton List.pdf

Mahoning County Engineer Website Posting.pdf

Section 4(f)

OES Cultural Resources 4(f) Determination.pdf

OES Recreational 4(f) Determination.pdf

Public Involvement

Press Release.pdf