



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

MAH 76/VAR 1.30/VAR PID 94140

Environmental Document Level: C2

Approved: 7/3/2019

Prepared By: District 4

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 11, 2015, and executed by FHWA and ODOT.

Table of Contents

C2.....	3
Environmental Commitments.....	7
Preparers and Approvals.....	8
Appendix.....	9



C2

PID:	94140
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 Interstate Routes (IR) 76 and 80 and State Route (SR) 45 in Goshen, Green, Ellsworth, Milton and Jackson Townships, Mahoning County. The project proposes to mill and resurface 11.77 miles of SR 45 from the Columbiana County Line to Mahoning Avenue and install 8.54 miles of median cable barrier along IR 76 and 80 from Lake Milton to the Meander Creek Reservoir. Additional improvements include partial-depth pavement repairs, raised pavement marker replacement and application of edge/center/stop lines and other pavement markings throughout the newly paved section of SR 45. The project also proposes minor maintenance on ten (10) structures along SR 45, between W. Middletown Road and Gladstone Road, as follows:

1. MAH-45-2.63/Structure File Number (SFN) 5001498,
2. MAH-45-3.83/SFN 5001528,
3. MAH-45-5.80/SFN 5001544,
4. MAH-45-8.47/SFN 5001552,
5. MAH-45-8.95/SFN 5001595,
6. MAH-45-7.62L/SFN 5003067,
7. MAH-45-7.62R/SFN 5003091,
8. MAH-45-12.79/SFN 5001625,
9. MAH-45-12.89/SFN 5001684 and
10. MAH-45-13.17/SFN 5001714.

Specified below are the maintenance activities proposed for these structures.

MAH-45-2.63 (Middle Fork Little Beaver Creek): The project proposes minor maintenance on the existing 110-foot simple span steel beam bridge over the Middle Fork of the Little Beaver Creek by sealing the wearing surface with gravity fed resin concrete treatment, installing Type C dump rock to repair erosion at all four corners of the structure, clearing/grubbing of vegetation within 15 feet of the structure and installing new structure identification signs.

MAH-45-3.83 (Meander Creek): The project proposes minor maintenance on the existing 40-foot simple span prestressed concrete box beam bridge over Meander Creek by patching all visibly unsound or previously patched areas of the existing deck and approach slabs, sealing the wearing surface with gravity fed resin concrete treatment, repairing damaged drip strip, clearing/grubbing of the vegetation within 15 feet of the structure and installing new structure identification signs.



Approved: 7/3/2019

MAH-45-5.80 (West Branch Meander Creek): The project proposes minor maintenance on the existing 88-foot simple span prestressed concrete box beam bridge over the West Branch of Meander Creek by removing the existing concrete wearing surface and installing a new fiber reinforced concrete overlay, patching unsound areas of the substructure, sealing abutments, deck edges, wing walls and patched concrete surfaces with epoxy-urethane, installing Type C dump rock to repair at the rear wing walls, clearing/grubbing of the vegetation within 15 feet of the structure and installing new structure identification signs.

MAH-45-8.47 (unnamed tributary to Meander Creek): The project proposes minor maintenance on the existing 12-foot steel filled culvert that carries an unnamed tributary to Meander Creek under SR 45 by installing Type B dump rock to repair erosion at the rear left headwall and the scour at the outlet, clearing/grubbing of the vegetation within 15 feet of the structure and installing new structure identification signs.

MAH-45-8.95 (unnamed tributary to Meander Creek): The project proposes minor maintenance on the existing 31-foot concrete filled culvert that carries an unnamed tributary to Meander Creek under SR 45 by installing Type C dump rock and Type B rock channel protection (RCP) to repair erosion at the rear left head wall and the scoured concrete at the inlet, removing sediment build-up, vegetation and debris from the existing channel, clearing/grubbing of the vegetation within 15 feet of the structure and installing new structure identification signs.

MAH-76-7.62L (SR 45): The project proposes minor maintenance on the existing 164-foot continuous concrete slab bridge over SR 45 by patching all visibly unsound or previously patched areas of the existing deck and approach slabs, sealing the wearing surface with gravity fed resin concrete treatment, patching unsound areas of the concrete substructure and parapets, sealing the parapets, abutments, wing walls, piers and patched concrete surfaces with epoxy-urethane, clearing/grubbing of the vegetation within 15 feet of the structure and installing new structure identification signs.

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) Numbers
15 and 32 and is fiscally constrained.

Select the appropriate project type:

(26) Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (including parking, weaving, turning, and climbing lanes), if the action meets the constraints in paragraph (e) of this section. *Examples include: Joint or limited use of right-of-way where the proposed use would have minimal or no adverse social (including highway safety), economic or environmental impacts; Installation of new noise walls and other new noise mitigation projects; Construction of highway safety and truck escape ramps; Construction of bicycle lanes and pedestrian walkways, sidewalks, shared-use paths, or facilities and trailhead parking that do not otherwise qualify for a C1 designation; Beautification or facility improvement projects (i.e. landscaping, curb and gutter installation and replacement, ADA ramps/curb ramps, installation of park benches, decorative lighting, etc.); Construction of alternative energy facilities (fuel tank farms, wind turbines, etc.)*

(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*



Environmental Document Level: C2

PID 94140 MAH 76/VAR 1.30/VAR

Approved: 7/3/2019

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 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 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	No Effect
100-Year Floodplain:	Encroachment Within the SFHA is a Functionally Dependent Use
EO 11988/NFIP Coordination and Documentation Completed:	Yes
NFIP Local Floodplain Coordinator Notification Date:	06/03/2019
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 A
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	05/31/2019

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



Environmental Document Level: C2

PID 94140 MAH 76/VAR 1.30/VAR

Approved: 7/3/2019

Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	06/05/2019
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	05/24/2019
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) The project designer shall incorporate the following note into the plans: **MIGRATORY BIRD PROTECTION: NESTS FOR NATIVE BIRDS PROTECTED UNDER THE MIGRATORY BIRD TREATY ACT (MBTA) WERE IDENTIFIED ON THE BRIDGES AT MAH-45-2.63, MAH-45-8.95 AND MAH-45-12.89 DURING THE FIELD SURVEYS FOR THE PROJECT. THE MBTA PROHIBITS THE KILLING OR CAPTURE OF NATIVE BIRDS PROTECTED UNDER THE ACT. IF CONSTRUCTION ACTIVITIES ARE TO OCCUR BETWEEN THE DATES OF MARCH 1 AND OCTOBER 1 ON THESE STRUCTURES, THEN PRIOR TO THE START OF CONSTRUCTION ACTIVITIES THE CONTRACTOR MUST INSPECT THE STRUCTURES FOR EVIDENCE OF AN ACTIVE BIRD NEST CONTAINING EGGS OR CHICKS. WRITTEN CONFIRMATION OF THE INSPECTION, INCLUDING A STATEMENT WHETHER AN ACTIVE NEST WAS FOUND, MUST BE PROVIDED TO THE ENGINEER. IF AN ACTIVE NEST IS ENCOUNTERED, IMPACTS TO THE NEST MUST BE AVOIDED UNTIL ALL DEVELOPING BIRDS ARE ABLE TO INDEPENDENTLY FLY FROM THE NEST. IF NO NESTS ARE ENCOUNTERED OR IF ONLY INACTIVE NESTS ARE ENCOUNTERED, CONSTRUCTION ACTIVITIES CAN PROCEED. INACTIVE NESTS CAN BE REMOVED.**

2) The project designer shall incorporate the following note into the plans: **DRINKING WATER RESOURCES: CAUTION WILL BE EXERCISED DURING REFUELING OPERATIONS AND DURING CONSTRUCTION EQUIPMENT MAINTENANCE ACTIVITIES. IN CASE OF AN INCIDENT AND/OR SPILL, THE CONTRACTOR SHALL, AS SOON AS POSSIBLE, NOTIFY THE ENGINEER/SUPERVISOR AND CONTACT THE OHIO EPA: OHIO EPA SPILL REPORTING 24 HOUR EMERGENCY SERVICE CALL: 1-800-282-9378 OR NEDO (330) 963-1200 AND PROVIDE AS MUCH OF THE FOLLOWING INFORMATION AS POSSIBLE: 1. TIME OBSERVED 2. LOCATION 3. MATERIAL RELEASED 4. PROBABLE SOURCE 5. VOLUME & DURATION 6. PRESENT & ANTICIPATED MOVEMENT OF CONTAMINANT 7. PERSONNEL ON SCENE 8. ACTIONS ALREADY INITIATED 9. PERSON(S) ON THE SCENE TO CONTACT.**

3) The project designer shall incorporate the following note into the plans: **WATERWAY PERMIT COMPLIANCE: ODOT WILL OBTAIN ALL NECESSARY WATERWAY PERMITS PRIOR TO PROJECT CONSTRUCTION. THE CONTRACTOR IS NOT AUTHORIZED TO PLACE ANY FILL OR WORK WITHIN ANY WATERWAY BELOW THE ORDINARY HIGH WATER MARK ELEVATION DURING CONSTRUCTION UNTIL THE PERMIT(S) ARE OBTAINED.**



Environmental Document Level: C2

PID 94140 MAH 76/VAR 1.30/VAR

Approved: 7/3/2019

Preparers and Approvals

Form Preparer

District 4
Contact: Edward Deley
330-786-4930
Edward.Deley@dot.ohio.gov

Supporting Form Preparer(s):

Matthew Chaney
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	7/3/2019



Appendix

Ecological

ODOT Disposition of Agency Comments.pdf

OES Approval - No ODNR and USFWS Notification.pdf

General

Project Description Continued.pdf

Cultural Resources

Records Check.pdf

General

USGS Quadrangle Topographical Map.pdf

Other Resources

Water Source Protection Area Map.pdf

Youngstown OH-PA 2010 Urban Area Boundary.pdf

Underserved Populations

Census Mapping.pdf

Permits

District Determination - No Floodplain Impacts.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 Explanation Floodplain Impacts.pdf

Underserved Populations

Underserved Populations Documentation Form.pdf