



# OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 04  
2088 SOUTH ARLINGTON RD. • AKRON, OH 44306 • 614-995-7904

## **Supplemental Re-Evaluation**

for

## **MAH 224/VAR 18.53/VAR PID 94134**

**Environmental Document Level: C2**

**Approved: 2/7/2018**

**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

Re-evaluation Level.....	3
C2.....	4
Environmental Commitments.....	8
Preparers and Approvals.....	10
Appendix.....	11



**Supplemental Re-evaluation Level C2**  
PID 94134 MAH 224/VAR 18.53/VAR

Approved: 2/7/2018

## **Re-evaluation Level**

### **Explain why a re-evaluation is needed?**

The Ohio Department of Transportation (ODOT) plans to improve U. S. Route (USR) 224 and State Routes (SR) 289 and 626 in Boardman, Poland and Beaver Townships, the city of Struthers and the village of Poland, Mahoning County, Ohio. The project proposes to resurface 5.43 miles of USR 224, including partial-depth pavement repairs, from Straight Line Mile (SLM) 19.90 to SLM 25.33, 1.19 miles of SR 289 from SLM 6.09 to SLM 7.28 and 2.78 miles of SR 626 from SLM 0.00 to SLM 1.09 and from SLM 1.47 to SLM 3.24. Additionally, the project proposes minor maintenance on five (5) structures, Structure No. MAH-224-19.66/Structure File Number (SFN) 5004853, Structure No. MAH-224-19.80/SFN 5004861, Structure No. MAH-224-20.51/SFN 5004896, Structure No. MAH-289-6.54/SFN 5005043 and Structure No. MAH-626-0.22/SFN 5006163 and the replacement of one (1) structure, Structure No. MAH-224-23.72/SFN 5004926, along USR 224, SR 289 and SR 626. The project received NEPA clearance on September 28, 2017.

A supplemental reevaluation of the project is warranted to address the installation of proposed rumble strips along 2.45 miles of SR 7 from SLM 6.12 to SLM 8.57 in Hubbard and Brookfield Townships, Trumbull County, Ohio, as part of this project.

The project still meets the criteria established for C2 level projects in accordance with the Programmatic Categorical Exclusion Agreement between FHWA and ODOT, approved February 23, 2015 (CE PA), and further environmental resource investigations are not warranted for the project.



**Supplemental Re-evaluation Level C2**  
PID 94134 MAH 224/VAR 18.53/VAR

Approved: 2/7/2018

**C2**

**PID:** 94134  
**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 U. S. Route (USR) 224 and State Routes (SR) 289 and 626 in Boardman, Poland and Beaver Townships, the city of Struthers and the village of Poland, Mahoning County, Ohio. The project proposes to resurface 5.43 miles of USR 224, including partial-depth pavement repairs, from Straight Line Mile (SLM) 19.90 to SLM 25.33, 1.19 miles of SR 289 from SLM 6.09 to SLM 7.28 and 2.78 miles of SR 626 from SLM 0.00 to SLM 1.09 and from SLM 1.47 to SLM 3.24.

Additionally, the project proposes minor maintenance on five (5) structures, Structure No. MAH-224-19.66/Structure File Number (SFN) 5004853, Structure No. MAH-224-19.80/SFN 5004861, Structure No. MAH-224-20.51/SFN 5004896, Structure No. MAH-289-6.54/SFN 5005043 and Structure No. MAH-626-0.22/SFN 5006163 and the replacement of one (1) structure, Structure No. MAH-224-23.72/SFN 5004926 along USR 224, SR 289 and SR 626 as follows:

MAH-224-19.66 (Interstate Route [IR] 680): The project proposes minor maintenance to the existing 304' continuous steel beam bridge spanning IR 680. Maintenance improvements include: sealing concrete wearing surface and approach slabs with gravity-fed resin concrete treatment, repairing crack at rear left of structure, clearing/grubbing of vegetation within 15' of the structure and new structure identification signs.

MAH-224-19.80 (unnamed tributary to Yellow Creek): The project proposes minor maintenance to the existing 12' concrete filled culvert conveying an unnamed tributary to Yellow Creek under USR 224. Maintenance improvements include: repairing erosion at rear right headwall, sealing concrete surfaces of the wing walls with epoxy-urethane, clearing/grubbing of vegetation within 15' of the structure and new structure identification signs.

MAH-224-20.51 (Yellow Creek): The project proposes minor maintenance to the existing 252' continuous steel beam bridge spanning Yellow Creek. Maintenance improvements include: sealing concrete wearing surface and approach slabs with gravity-fed resin concrete treatment, sealing concrete surfaces of the sidewalk, railing posts, parapets and wing walls with epoxy-urethane, channel cleanout, clearing/grubbing of vegetation within 15' of the structure and new structure identification signs.

MAH-224-23.72 (unnamed tributary to Mahoning River): The project proposes to replace the existing 13' simple span concrete slab bridge spanning an unnamed tributary to Mahoning River. The existing structure will be removed and replaced with a 10' x 6' reinforced concrete box (Type A) culvert with full-height



**Supplemental Re-evaluation Level C2**  
PID 94134 MAH 224/VAR 18.53/VAR

Approved: 2/7/2018

headwalls. Rock channel protection (RCP), Type B, will be placed on the inlet and outlet sides of the new structure to protect the structure from scour/erosion.

MAH-289-6.54 (Godward Run): The project proposes minor maintenance to the existing 14' concrete filled culvert conveying Godward Run under SR 289. Maintenance improvements include: patching concrete culvert, repairing concrete headwalls, guardrail replacement, repairing erosion behind the left wing walls, channel cleanout, clearing/grubbing of vegetation within 15' of the structure and new structure identification signs.

MAH-626-0.22 (Yellow Creek): The project proposes minor maintenance to the existing 33' simple span prestressed concrete box beam bridge spanning Yellow Creek. Maintenance improvements include: installation of a new asphalt concrete wearing surface, installation of new polymer modified expansion joint at both ends of the structure, repairing erosion located approximately 100' south of the structure, installation of new drip strip(s), clearing/grubbing of vegetation within 15' of the structure and new structure identification signs.

NEPA approval for this project is based on the Stage 3 Plans that can be found in the Project File/General/Project Information subsection as Stage 3 Design.pdf.

New permanent right-of-way and/or temporary right-of-way is not required to construct this project. Existing utilities have been identified within the project study area(s). Any utility relocations required by the project will be conducted within the existing roadway right-of-way and no utilities will be permanently removed to construct the project.

See additional project description information in the Project File/General/Project Information subsection as Project Description Continued.docx.

**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**

(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.)**



**Supplemental Re-evaluation Level C2**  
PID 94134 MAH 224/VAR 18.53/VAR

Approved: 2/7/2018

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 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.

<b>Waterways:</b>	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
<b>Waterways Permit Type:</b>	Permit Determination and/or Permit Application Approval Pending
<b>Isolated Wetland Permit</b>	No
<b>Endangered Species:</b>	Present; No finding of May Affect, Likely to Adversely Affect
<b>Endangered Species - Coordination</b>	May Affect, Not Likely to Adversely Affect
<b>Endangered Species - Coordination Date</b>	07/31/2017
<b>Endangered Species - Critical Habitat Present/Impacted</b>	
Indiana bat	
Northern long-eared bat	
<b>Endangered Species - Other Critical Habitat Present/Impacted:</b>	No
<b>100-Year Floodplain:</b>	Encroachment Within the SFHA is a Functionally Dependent Use
<b>EO 11988/NFIP Coordination and Documentation Completed:</b>	Yes
<b>NFIP Local Floodplain Coordinator Notification Date:</b>	09/25/2017
<b>Section 4(f):</b>	Not present
<b>Section 6(f):</b>	Not present
<b>Cultural Resources:</b>	Present; No Finding of Adverse Effect
<b>Cultural Resources Coordination:</b>	Minimum Potential to Cause Effect - Appendix A
<b>Cultural Resources Coordination - ODOT Approval Date:</b>	09/08/2017



**Supplemental Re-evaluation Level C2**  
PID 94134 MAH 224/VAR 18.53/VAR

Approved: 2/7/2018

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.

<b>Air Quality:</b>	Studies Not Required
<b>Air Quality - Coordination with OES:</b>	No
<b>Noise:</b>	Studies Not Required
<b>Noise Coordination - OES Approval Date:</b>	09/25/2017
<b>Hazardous Materials - ESA Screening Conducted</b>	Yes
<b>Hazardous Materials - OES Approval Date:</b>	09/07/2017
<b>Phase I ESA Warranted Based on Coordination with OES:</b>	No Further Studies Warranted
<b>Farmland:</b>	Non-Urbanized Area; No Impacts in Accordance With the Farmland MOU, 7 CFR 658, and ORC 929.05
<b>Scenic Rivers</b>	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.	
<b>Underserved Populations</b>	Does Not Exceed UP Guidance Criteria; No UP Analysis Report Required and No UP Issues Raised During Public Involvement
<b>Public Involvement:</b>	Minimum PI Requirements Met; No Minor Public or Agency Controversy on Environmental Grounds
<b>Environmental Commitments</b>	Yes



## **Environmental Commitments**

### **C2**

1) The project designer shall incorporate the following note into the plans: ENDANGERED SPECIES HABITAT-INDIANA BAT/NORTHERN LONG-EARED BAT: THE MAH-224-19.80, MAH-224-23.72 AND MAH-289-6.54 STRUCTURES ARE 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 THESE LOCATIONS 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.

2) The project designer shall incorporate the following note into the plans: CONSTRUCTION AND DEMOLITION DEBRIS: THE CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID AND/OR LIMIT CONSTRUCTION AND DEMOLITION DEBRIS FROM ENTERING DITCHES, WETLANDS AND/OR STREAM(S). ANY DEBRIS THAT DOES FALL INTO DITCHES, WETLANDS AND/OR STREAM(S) SHALL BE REMOVED AS SOON AS POSSIBLE WITHIN 72 HOURS

3) The project designer shall incorporate the following note into the plans: WETLAND IMPACTS/AVOIDANCE: THE STRUCTURE REPLACEMENT AT MAH-224-23.72 WILL IMPACT AN ESTIMATED 0.001 ACRE OF WETLANDS. THE FOLLOWING WETLANDS WILL BE IMPACTED: WETLAND 1 - 0.001 ACRE UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR IMPACT THE REMAINING WETLANDS DELINEATED BEYOND THE PROJECT CONSTRUCTION LIMITS AND DEPICTED IN THE ECOLOGICAL RESOURCES MAP AND THE MAH-224-23.72 PLAN AND PROFILE/SITE PLAN. THE ECOLOGICAL RESOURCES MAP IS AVAILABLE FOR INSPECTION AT THE ODOT DISTRICT 4 OFFICE, 2088 SOUTH ARLINGTON, AKRON, OHIO 44306. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE EQUIPMENT AND/OR MATERIALS WITHIN THESE WETLANDS. TO PROTECT AND DELINEATE THE BOUNDARY OF THE EXISTING REMAINING WETLANDS, A FILTER FABRIC FENCE AND TEMPORARY CONSTRUCTION FENCE, PER SUPPLEMENTAL SPECIFICATION 832, SHALL BE INSTALLED AT THE PROPOSED CONSTRUCTION LIMITS BY THE CONTRACTOR, MAINTAINING A ONE-FOOT BUFFER BETWEEN THE FENCE AND THE WETLAND BOUNDARIES (WHEN PRACTICABLE), PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES, INCLUDING ANY NECESSARY CLEARING AND GRUBBING ACTIVITIES, AND MAINTAINED BY THE CONTRACTOR THROUGHOUT PROJECT CONSTRUCTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE CONSTRUCTION EQUIPMENT 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.



**Supplemental Re-evaluation Level C2**  
PID 94134 MAH 224/VAR 18.53/VAR

Approved: 2/7/2018

- 4) The project designer shall incorporate the following note into the plans: MATERIALS REMOVED FROM DITCHES, STREAMS AND/OR WETLANDS: THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT ANY INCIDENTAL DISCHARGES ASSOCIATED WITH THE EXCAVATION AND HAULING OF MATERIAL FROM STREAMS AND DITCHES. THIS PERTAINS TO ANY EXCAVATION OPERATION SUCH AS, FOUNDATION PIER OR ABUTMENT EXCAVATION, CHANNEL CLEAN OUT, EXCAVATION FOR ROCK CHANNEL PROTECTION AND REMOVAL OF ANY TEMPORARY FILL ASSOCIATED WITH CONSTRUCTION OPERATIONS. ALL MATERIALS REMOVED FROM THE DITCHES, STREAMS AND/OR WETLANDS MUST BE IMMEDIATELY REMOVED TO AN UPLAND SITE AND STABILIZED (I.E., SEEDED) TO PREVENT REDISTRIBUTION INTO ANY WATERS OF THE UNITED STATES. IMMEDIATE REMOVAL IS DEFINED BY THE UNITED STATES ARMY CORPS OF ENGINEERS AS DEPOSITING THE REMOVED MATERIALS DIRECTLY INTO A TRUCK AND REMOVING THE MATERIAL FROM THE SITE; PLACEMENT OF REMOVED MATERIALS INTO A WETLAND OR ON THE BANKS OF A STREAM EVEN TEMPORARILY IS CONSIDERED A FILL AND REQUIRES A PERMIT ACTION. ANY AREAS DISTURBED BY EQUIPMENT ACTIVITIES MUST BE SEEDED WITH NATIVE SPECIES TO PREVENT EROSION OF SEDIMENTS INTO WATERS OF THE UNITED STATES.
- 5) The project designer shall incorporate the following note into the plans: TREE CUTTING/REMOVAL PROHIBITED: THE MAH-224-19.66, MAH-224-20.51 AND MAH-626-0.22 STRUCTURES ARE LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. TREE TRIMMING IS PERMITTED FOR THESE LOCATIONS AS DIRECTED BY THE PROJECT ENGINEER, HOWEVER, NO TREES SHALL BE REMOVED AT THESE 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.
- 6) The project designer shall incorporate the following note into the plans: STRUCTURE PAINTING/CONCRETE SEALING OPERATIONS: THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EPOXY-URETHANE SEALER, PAINT OR OTHER MATERIALS USED TO REPAIR, CLEAN, PAINT, 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.
- 7) The project designer shall incorporate the following note into the plans: STREAM AVOIDANCE: NO EXCAVATION, GRADING OR FILLING OPERATIONS SHALL BE PERFORMED IN THE STREAM(S) LOCATED AT MAH-626-0.22. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE CONSTRUCTION EQUIPMENT AND/OR MATERIALS IN THESE WATERS. 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.
- 8) The project designer shall incorporate the following note into the plans: MECHANICAL EQUIPMENT OPERATION AT STREAM CHANNEL: THE MECHANICAL EQUIPMENT USED TO EXECUTE THE WORK AUTHORIZED HEREIN SHALL BE OPERATED IN SUCH A WAY AS TO MINIMIZE TURBIDITY THAT COULD DEGRADE WATER QUALITY AND ADVERSELY AFFECT AQUATIC PLANT AND ANIMAL LIFE.



**Supplemental Re-evaluation Level C2**  
PID 94134 MAH 224/VAR 18.53/VAR

Approved: 2/7/2018

**Preparers and Approvals**

**Form Preparer**

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

**Supporting Form Preparer(s):**

Mark Andrasik  
Sean Carpenter

**Approvals & Electronic Signatures**

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	2/7/2018



## **Appendix**

### **General**

USGS Quadrangle Topographical Map.pdf

Project Description Continued.pdf

### **ESA**

District Determination - No ESA Studies Required.pdf

### **Cultural Resources**

Records Check.pdf

### **Ecological**

USFWS Consultation Form - MAH-224-19.80.pdf

USFWS Consultation Form - MAH-224-23.72.pdf

Coordination with ODNR and USFWS.pdf

USFWS Consultation Form - MAH-289-6.54.pdf

Wetland Finding.pdf

### **Other Resources**

Water Source Protection Area Map.pdf

### **Underserved Populations**

Census Mapping.pdf

Underserved Populations Documentation Form.pdf

### **Public Involvement**

Emergency and Public Services Contact List.pdf

Emergency and Public Services Notification.pdf

District Website Posting.pdf

Press Release.pdf

### **Permits**

FEMA FIRM.pdf

Public Explanation of Floodplain Impacts.pdf

Project Manager Floodplain Notification.pdf

Coordination with Local Floodplain Administrator.pdf