



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

MAH US 422/616 7.58/3.81 PID 105209

Environmental Document Level: C2

Approved: 11/5/2024

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 14, 2020, and executed by FHWA and ODOT.

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C2

Project Information

PID:	105209
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Federal

C2 Section

Project Description:



The Ohio Department of Transportation (ODOT) proposes pavement planing and resurfacing along 3.68 miles of U.S. Route (USR) 422 and State Route (SR) 616 in the city of Campbell and Coitsville Township, Mahoning County.

The proposed pavement maintenance/resurfacing limits are described below.

- USR 422 from SR 616 at Straight Line Mile (SLM) 7.58 to the Pennsylvania State Line at SLM 10.14, a distance of 2.56 miles.
- SR 616 from the Struthers city corporation limit at SLM 3.78 to the Campbell city corporation limit at SLM 4.90, a distance of 1.12 miles.

Additional improvements proposed by this project include partial/full depth pavement repairs, linear grading, concrete curb and gutter replacement and other miscellaneous drainage improvements, existing walk/curb ramp removal, new concrete walk/curb ramp installations and upgrades to comply with the Americans with Disabilities Act (ADA) standards, replacement of guardrail with Type MSG Guardrail and anchor end terminal assemblies, new barrier reflector installations, valve box/manhole/monument box/catch basin adjustments and/or reconstruction, traffic signal loop detector replacement, raised pavement marker replacement and edge line/lane line/center line/channelizing line/stop line/crosswalk line/other pavement markings applications throughout the newly paved sections of USR 422 and SR 616.

Moreover, the project proposes to replace the existing bridge on USR 422 over an unnamed tributary to Dry Run, Structure No. MAH-422-8.35/Structure File Number 5005558, a 13-foot single-span reinforced concrete slab bridge built in 1939, reconstructed in 2003, and deemed in need of replacement based on recent inspection. The bridge will be replaced with a new 98-foot long 12-foot by 4-foot four-sided box culvert with full-height headwalls and rock channel protection Type B placement on the inlet and outlet. Mapping that depicts the project location on United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Mapping is included in the Project File/General/Project Information subsection as *USGS Quadrangle Topographical Map.pdf*. During project construction, a minimum of one 10-foot bidirectional lane of traffic shall be maintained on SR 616. On USR 422, a minimum of one 10-foot lane of traffic shall be maintained in each direction, except at the bridge site, where two-way traffic will be maintained throughout construction using a temporary signal. All construction and lane restriction information will be posted within the project construction limits and on the project webpage prior to the start of project construction. Access shall be maintained to all properties, businesses, schools, etc., within and adjacent to the project construction limits for the duration of project construction. Substantial traffic disruptions are not expected during project construction.

To facilitate the bridge replacement at MAH-422-8.35, a total of 0.151 acre of new permanent warranty deed and standard highway easement right-of-way and 0.049 acre of temporary right-of-way will be acquired from a total of three (3) property owners. See the right-of-way plans for the project in the Project File/General/Project Information subsection as *Final Right-of-Way Plans.pdf*.

Multiple overhead and ground-based utilities exist within the project study areas. A ground-based gas line is in conflict and will be relocated to complete the bridge work and shall be coordinated with the service providers in accordance with the project plans and will occur within the existing/proposed new roadway right-of-way. 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 until the relocations are complete.

The project proposes to impact a total of 162 linear feet of stream channel (2 streams). The proposed stream impacts are associated with the proposed bridge replacement at MAH-422-8.35. See the latest stream impact information for the project in the Permit Determination Request in the Project File/Permits/Waterways subsection.

The project also proposes to remove 0.04 acre of suitable wooded habitat for the Federally listed endangered Indiana bat and Federally listed endangered Northern Long-eared bat and the Federally proposed endangered Tricolor bat. See the threatened/endangered species documentation for the project in the Project File/Ecological/Reports subsection and the Ecological tab.

The project will not impact any other environmentally sensitive resources within the project study areas.

The environmental document and associated studies, as applicable, were approved using the Stage 3 Design plans and Final Right-of-Way Plans for the project. A copy of the Stage 3 Design plans and Final Right-of-Way Plans for the project is included in the Project File/General/Project Information subsection as *Stage 3 Design.pdf* and *Final Right of Way Plans.pdf*.

The estimated total project cost specified in Ellis is 16.0% greater than the total project cost specified in the ODOT State Fiscal Years 2024 - 2027 Statewide Transportation Improvement Program (STIP). Fiscal constraint is at the Statewide Line Item (SLI) Group level. An individual project utilizing a SLI does not require a STIP/TIP amendment.

The next phase of the proposed project is listed on the STIP:

Yes

Ellis STIP Details

Phase	Current STIP Reference
ENV	105209: 24-27 STIP
RW	105209: 24-27 STIP



Phase	Current STIP Reference
CO	105209: 24-27 STIP

The current cost estimate is in line with existing federal procedures for Ohio STIP Amendments and Administration Modifications: Yes

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 I 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**

In accordance with 23 CFR 771.117(e), the proposed project cannot be processed as a C2 CE, if it involves -

1. **a.** Acquisition of more than a minor amount of ROW (exceeds strip takes)
2. **b.** Residential or non-residential displacements
3. **c.** A U.S. Coast Guard permit or an Individual Section 404 permit under the Clean Water Act
4. **d.** A Section 106 finding of *Adverse Effect*
5. **e.** Section 4(f) impacts greater than de minimis
6. **f.** A finding of *May Affect, Likely to Adversely Affect* to Threatened and Endangered Species
7. **g.** Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions
8. **h.** Changes in access control
9. **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)
10. **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
11. **k.** No minor public or agency controversy on environmental grounds (no opposition from any organized groups or agencies and no unresolved environmental coordination)
12. **l.** A full Environmental Justice Analysis Report (EJAR) is required (the project must be processed as a D-level CE or higher-level document). If a memo-to-file/letter/IOC-format EJAR Short Report is determined to be the appropriate level of documentation, contact OES regarding NEPA document level.

For certification purposes, documentation is required to illustrate no significant impacts will occur to



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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.

Ecological

Waterways: Present; No Coast Guard, Individual 404, and/or Section 10 Permit required

Waterways Permit Type: Nationwide Permit

Waterways Permit Approval Date 08/08/2024

Isolated Wetland Permit No

Will any wetlands be impacted? 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 05/20/2024

Endangered Species - Critical Habitat Present/Impacted

Other

Indiana bat

Northern long-eared bat

Endangered Species - Other Critical Habitat Present/Impacted: Yes

Endangered Species - Other Description:

The project proposes to remove 0.04 acre of suitable wooded habitat for federal-/state-listed bats.

Scenic Rivers No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area

Scenic Rivers Remarks

National or state wild and scenic rivers are not present within 1,000 feet of the project limits.

Floodplains

100-Year Floodplain: Encroachment Within the SFHA is a Functionally Dependent Use

EO 11988 Compliance Met Yes

NFIP Coordination and Documentation Completed Yes

NFIP Local Floodplain Coordinator Notification Date: 10/17/2024



Floodplain Remarks

ODOT District 4 Environmental Section personnel reviewed the FEMA FIRM mapping for the project study areas and determined the proposed structure replacement at MAH-422-8.35 will be performed within designated Special Flood Hazard Area (SFHA) Zone A floodplain. Floodplain coordination was initiated with the Mahoning County Floodplain Administrator on October 17, 2024. The project is designed to comply with all applicable Local, State and Federal floodplain protection standards. If required, floodplain permitting shall be obtained prior to the start of construction. See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection.

Section 4(f)

Section 4(f): Not present

Section 4(f) Remarks

Recreational properties and/or historic sites are not located within and/or immediately adjacent to the project study areas.

Section 6(f)

Section 6(f): Not present

Cultural Resources

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** 09/25/2024

Cultural Resources Remarks



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The undertaking is limited to roadway improvements and the replacement of one structure along a 3.68-mile section of U.S. Route (USR) 422 and SR 616 in the city of Campbell, Ohio, and across Coitsville Township, Mahoning County, Ohio. Work on USR 422 will extend for 2.56 miles from Campbell, Ohio, eastward to the Pennsylvania State Line. Work on SR 616 will extend for 1.12 miles from the Struthers city corporation limit to the Campbell city corporation limit. Here, ODOT proposes pavement planing and resurfacing. Additionally, there will be concrete curb and gutter replacements, drainage improvements, walk/curb ramp removals and installations, guardrail replacements, reflector installations, valve box/manhole/monument box/catch basin adjustments, traffic signal loop detector replacements, placement of new raised pavement markers, and a range of other pavement markings applications. Moreover, the project proposes to replace the existing bridge (MAH-422-8.35) over an unnamed tributary of Dry Run. Minor permanent and temporary right-of-way will be needed where bridge work will be completed. However, roadway maintenance activities will focus entirely within the existing right-of-way. The project will not impact any buildings, and no relocation will be required.

The area of potential effects (APE) is limited to the existing right-of-way and the space needed for ancillary bridge construction. The literature search concluded there are no known archaeological sites (OAI), no inventoried buildings (OHI), and no listed or eligible NR properties are found in the project area or the APE. The MAH-422-8.35 bridge replacement will involve SFN 5005558, a Type 101N Concrete Slab Simple structure originally built in 1939 but extensively rehabilitated in 2003. This structure is not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). The replacement of non-historic bridges and general roadway maintenance work requiring minor right-of-way are project types exempt from further cultural resource consideration by the 6/29/23 Cultural Resource PA (Agreement 38503), when they are beyond the boundary of a historic property and as long as no contributing component of the district will be removed or altered by construction.

Therefore, in accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement executed on June 29, 2023 (Agreement No. 38503), ODOT-OES has determined that the proposed 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.

Environmental Resources Considered

The following environmental resources are present and have been studied for potential impacts:

Regulated Materials

Air Remarks

Air quality studies or coordination are not required for this project. Project meets 40CFR93.126 as "Projects that correct, improve, or eliminate hazardous locations or features". See the Air Quality documentation for the project in the Project File/Air/Project Information subsection.

Noise Remarks

The project does not qualify as a Type I project for noise (i.e., not adding capacity, not moving thru travel lanes equal to or greater than 50% closer to noise sensitive areas) and a noise analysis is not required for the project under 23 CFR 772.

**The project involves ROW acquisition, Deep Excavation, or OEPA
513 Landfill Authorization:**

Yes - Screening

Regulated Materials Review Screening:

No Further Regulated Materials Review

Regulated Materials Review Screening - DEC/OES Approval Date:

05/02/2024

Regulated Materials Review Remarks:



Based on the information in the Regulated Materials Review (RMR) Form completed for the project, further RMR activities or special materials management are not warranted for the project. See the RMR documentation for the project in the Project File/RMR/Reports and Coordination subsections.

Environmental Justice

Projects that meet C2 criteria must be in accordance with ODOT's EJ Guidance and activities conducted for Public Involvement are commensurate to the project's type and scope of work.

Environmental Justice Populations

Present; No EJAR Required, Does Not Exceed EJ Guidance Criteria, and No Issues Raised During Public Involvement

Identified Environmental Justice Populations

Census Block Group #	% Minority	% Low Income
390998109002	39	21
390998109001	3	16
390998101001	35	46

Environmental Justice Remarks

A review of the ODOT Transportation Information Mapping System (TIMS) indicated Environmental Justice populations within the proposed project area. No businesses or residences will be acquired or relocated as part of the project. The proposed project will have no disproportionately high and adverse effects to minority or low-income populations based upon the table above and attached mapping and no concerns related to impacts on Environmental Justice were raised as a result of public involvement activities conducted as part of the proposed project. Therefore, in accordance with the protections of Executive Order 12898 and FHWA Order 6640.23A, no further analysis is required for the project. See Environmental Justice documentation for the project in the Project File/Environmental Justice/Project Information subsection and public involvement documentation for the project in the Project File/Public Involvement/Project Information subsection.

Public Involvement

Public Involvement:

Minimum PI Requirements Met; No Minor Public or Agency Controversy on Environmental Grounds

Public Involvement Remarks

ODOT District 4 conducted various public involvement activities for the project including a press release, ODOT website posting, and notifications to property owners/business owners/stakeholders (public officials and emergency/public service providers). Comments were requested by all public involvement activities conducted for the project. Verbal comments were received as a result of the public involvement activities performed for the project. All comments were responded to directly. See the public involvement documentation for the project, including the responses to comments, in the Project File/Public Involvement/Project Information subsection.

Environmental Commitments

Environmental Commitments

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/TRI-COLORED BAT: THE PROJECT SITE IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT, NORTHERN LONG-EARED BAT AND TRI-COLORED 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.

2) The project designer shall incorporate the following note into the plans: WETLANDS AVOIDANCE: NO EXCAVATION, GRADING, OR FILLING OPERATIONS SHALL BE PERFORMED IN WETLANDS A or B DELINEATED BEYOND THE PROJECT CONSTRUCTION LIMITS AND DEPICTED IN THE PROJECT PLANS AND/OR THE ECOLOGICAL RESOURCES MAPPING AVAILABLE FOR VIEWING AT THE ODOT DISTRICT 4 OFFICE LOCATED AT 2088 SOUTH ARLINGTON ROAD, AKRON, OH. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE MECHANICAL EQUIPMENT (LIFT, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) 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.



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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)	11/5/2024



Appendix

General

Aerial Map.pdf

County Map.pdf

Final Right of Way Plans.pdf

USGS Quadrangle Topographical Map.pdf

Air

District Determination - No Air Analysis Required.pdf

RMR

OES Review - Screening.pdf

Regulated Materials Review Form.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Other Resources

Urbanized Area Map.pdf

Environmental Justice

Census Mapping.pdf

Public Involvement

Correspondence with Stakeholders.pdf

Emergency and Public Services Notification List.pdf

Emergency and Public Services Notification.pdf

ODOT Website Posting.pdf

Press Release.pdf

Property Owner Notification Letter.pdf

Public Notification Mailing List.pdf

Response to Stakeholder Comments.pdf



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Right-of-Entry Notification and Mailing List.pdf

Stakeholder Comments.pdf

Permits

District Determination - Floodplain Coordination Required.pdf

FEMA FIRM.pdf

ODOT Form - LD 52.pdf