



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

POR SR 5/VAR 5.09/VAR PID 110672

Environmental Document Level: C2

Approved: 7/5/2022

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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PID: 110672
Project Sponsor: DISTRICT 4-PLANNING
ODOT District: 4
Funding Source: Federal
Private Funding: No

Project Description:

The Ohio Department of Transportation (ODOT) proposes to mill/resurface State Route (SR) 5, SR 14, SR 183 and SR 225 in Atwater, Charlestown, Deerfield, Edinburg, Paris, Ravenna and Yale Townships, Portage County. The proposed pavement maintenance/resurfacing limits are described below.

- SR 5 from east of the SR 5 Bypass to the Portage/Trumbull County Line, a distance of approximately 10.62 miles
- SR 14 from Deerfield Circle/SR 225 to Tallmadge Road (County Road 18), a distance of approximately 7.15 miles
- SR 183 from U. S. Route 224 to SR 14, a distance of approximately 4.61 miles
- SR 225 from the Stark/Portage County Line to U. S. Route 224, a distance of approximately 2.53 miles

Additional improvements proposed by this project include partial depth pavement repairs, monument box adjustments to grade, edge line/center line rumble stripe installations, new curb ramp installations to comply with Americans with Disabilities Act (ADA) standards, raised pavement marker replacements and new center line/edge line/channelizing line/stop line/dotted line/other pavement markings applications.

Moreover, the project proposes maintenance on nine (9) bridge structures within the pavement resurfacing limits. Proposed structure maintenance activities are summarized below.

1. POR-5-0590/Structure File Number (SFN) 6700187 spanning a branch of the West Branch Mahoning River - Pave over the existing structure, repair/patch concrete substructure, seal exposed concrete surfaces with epoxy urethane sealer, remove accumulated sediment from the structure and inlet and outlet channel, remove above-ground vegetation within 15 feet of the structure and install new structure identification signage.
2. POR-5-0655/SFN 6700217 spanning Hinkley Creek - Pave over the existing structure, repair a bank slide area southeast of the structure outlet (ODOT Portage County forces to perform), remove above-ground vegetation within 15 feet of the structure and install new structure identification signage.
3. POR-5-1171/SFN 6700276 spanning a Branch of the Mahoning River - Pave over the existing structure, repair/patch concrete substructure, seal exposed concrete surfaces with epoxy urethane sealer, remove above-ground vegetation within 15 feet of the structure and install new structure identification signage.
4. POR-5-1266/SFN 6700276 spanning a Branch of the West Branch of the Mahoning River - Pave over the existing structure, remove accumulated sediment from the structure and inlet and outlet channel and remove above-ground vegetation within 15 feet of the structure.
5. POR-5-1529/SFN 6700306 Camp Ravenna Railroad Bridge - Remove above-ground vegetation within 15 feet of the structure
6. POR-14-1918/SFN 6700853 spanning a Branch of Silver Creek - Pave over the existing structure, repair/patch concrete substructure, seal exposed concrete surfaces with epoxy urethane sealer, remove accumulated sediment from the structure and inlet and outlet channel, remove above-ground vegetation within 15 feet of the structure and install new structure identification signage.
7. POR-14-2001/SFN 6700942 spanning Silver Creek - Pave over the existing structure, repair/patch concrete substructure, seal exposed concrete surfaces with epoxy urethane sealer, remove accumulated sediment from the structure and inlet and outlet channel, remove above-ground vegetation within 15 feet of the structure and install new structure identification signage.



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8. POR-14-2208/SFN 6700977 spanning a Tributary of the Mahoning River - Pave over the existing structure, remove above-ground vegetation within 15 feet of the structure and install new structure identification signage.
9. POR-183-0512/SFN 6703739 spanning a Branch of the Mahoning River - Pave over the existing structure, repair/patch concrete substructure, seal exposed concrete surfaces with epoxy urethane sealer, remove accumulated sediment from the structure and inlet and outlet channel, remove above-ground vegetation within 15 feet of the structure and install new structure identification signage.

Mapping that depicts the project location on United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Mapping is included in Project File/General/Project Information as *USGS Quadrangle Topographical Map.pdf*. A minimum of one eleven-foot bidirectional lane of traffic shall be maintained on the existing pavement or completed pavement during project construction. Detours are not proposed to construct the project. Construction and lane restriction/reduction information will be posted within the project construction limits prior to the start of project construction. 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 during project construction.

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

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

Based on the project scope of work, its Path 1 Project Development Process (PDP) Classification and the proposed maintenance of traffic measures, emergency/public services contact activities were not conducted for the project.

The proposed pavement and structure maintenance activities will focus on existing SR 5, SR 14, SR 183 and SR 225 operational rights-of-way. All work areas are considered to have been previously disturbed by the existing modern roadway facilities. Review of the Ohio State Historic Preservation Office (SHPO) on-line mapping system and the 2009 Ohio DOT Historic Bridge Inventory (accepted April 28, 2010) identified historic properties within proximity of the project. However, the project will not remove or alter any buildings or features of the NRHP/NRHP- eligible properties and the project is not located in proximity to any historic district. Moreover, the bridges with proposed maintenance activities are of a type and date of construction determined not eligible for inclusion on the NRHP pursuant to the 2009 Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). In accordance with Stipulation V(C)(1) and Appendix A of the Section 106 Programmatic Agreement executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, ODOT determined the 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.

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/ESA/Reports subsection.

The proposed structure maintenance activities include removal of accumulated sediment from a total of approximately 300 linear feet of stream channel at five bridge locations, POR-5-0590/Branch of the West Branch Mahoning River, POR-5-1266/Branch of the West Branch Mahoning River, POR-14-1918/Branch of Silver Creek, POR-14-2001/Silver Creek and POR-183-0512/Branch of the Mahoning River. No permanent or temporary fills will be placed below ordinary high water mark on any streams or other waters of the United States. The project will not result in impacts to wetlands. The project will remove approximately 0.23 acre of potential suitable wooded habitat (SWH) for federal/state listed threatened and endangered bat species at the POR-5-0655 bridge location. See the ecological documentation for the project in the Project File/Ecological/Reports subsection.

The project is located within the Special Flood Hazard Areas (SFHA) established for tributaries of the West Branch of the Mahoning River, Hinkley Creek and a Tributary of Willow Creek. The project is a maintenance project and, therefore, is exempt from the normal permit process required for work encroaching on a SFHA. Floodplain coordination is not required for the project. See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection.

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 for the project. A copy of the Stage 3 Design plans for the project is included in the Project File/General/Project Information subsection as *Stage 3 Design.pdf*.

The estimated total project cost specified in Ellis agrees with the total project cost specified in the ODOT State Fiscal Years 2021 - 2024 Statewide Transportation Improvement Program (STIP).

STIP Reference #:

**110672: 21-24 STIP/SLI Group
Project. Fiscal constraint is at SLI
Group level.**

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**

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 right-of-way
2. b. Residential or non-residential displacements
3. c. A Coast Guard, Individual Section 404 and/or a Section 10 permit
4. d. A Section 106 finding of *Adverse Effect*
5. e. A Section 4(f) Programmatic or Individual Evaluation
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. 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
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	04/05/2022
Endangered Species - Critical Habitat Present/Impacted	
Indiana bat	
Northern long-eared bat	
Endangered Species - Other Critical Habitat Present/Impacted:	No
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:	05/03/2022
Section 4(f):	Present; No Impacts and/or Access Restrictions
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	03/10/2022
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
Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	03/10/2022
Phase I ESA Warranted Based on Coordination with OES:	No Further Studies Warranted



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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

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

Identified Underserved Populations

Census Block Group #	% Minority	% Low Income	% Older Adults	% Limited English Proficiency (LEP)
391336011003	6	25	19	0
391336007031	7	43	14	0
391336007041	2	19	19	0
391336007051	2	20	18	0
391336007061	5	17	16	1
391336019012	3	23	19	0
391336019021	4	28	14	0
391336019022	0	33	16	0

Underserved Populations Remarks

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations or disparate impacts to a Title VI population. No concerns related to impacts on Environmental Justice or Title VI populations 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, FHWA Order 6640.23A and Title VI of the Civil Rights Act of 1964, no further analysis is required. See underserved population documentation for the project in the Project File/Underserved Populations/Project Information subsection.

Public Involvement:

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

Environmental Commitments

Yes



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Environmental Commitments

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1) The project will remove approximately 0.23 acre of potential suitable wooded habitat (SWH) for federal/state listed threatened and endangered bat species at the POR-5-0655 bridge location. The Project Designer shall incorporate the following note into the plans:

Endangered Bat Habitat Tree Removal - POR-5-0655 Bridge:

This project is located within the known habitat ranges of the federally listed and protected Indiana Bat and Northern Long-Eared Bat and may impact suitable wooded habitat at the POR-5-0655 bridge location. No trees shall be removed at the POR-5-0655 bridge location from April 1 through September 30. All necessary tree removal at the POR-5-0655 bridge location 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 purpose 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.



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Preparers and Approvals

Form Preparer

District 4
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Supporting Form Preparer(s):

Brian Peck
Mark Andrasik

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	7/5/2022



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Appendix

General

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Records Check.pdf

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Underserved Populations

Census Mapping.pdf

Permits

District Determination - No Floodplain Impacts.pdf

FEMA FIRM.pdf

Flood Plain Impact Public Explanation - Website Snap Shot.pdf