



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **TRU SR 534/VAR 0.00/VAR PID 101951**

**Environmental Document Level: C1**

**Approved: 5/17/2021**

**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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## C1

<b>PID:</b>	101951
<b>Project Sponsor:</b>	DISTRICT 4-PLANNING
<b>ODOT District:</b>	4
<b>Funding Source:</b>	Federal
<b>Private Funding:</b>	No

### Project Description:

The Ohio Department of Transportation (ODOT) plans to improve State Routes (SR) 534, SR 534A and SR 534D, in Newton, Braceville, Southington and Mesopotamia Townships, Trumbull County. The project proposes to mill and resurface a total of 7.46 miles of SR 534, within 6 separate sections, as follows:

- Mahoning County Line at Straight Line Mile (SLM) 0.00 to Hallock Young Road at SLM 0.75;
- SR 82 at SLM 7.94 to 0.11 mile north of Phalanx Mills Herner Road at SLM 10.41;
- U.S. Route 422 at SLM 12.48 to SR 305 at SLM 13.25;
- SR 87 at SLM 23.80 to Ashtabula County Line at SLM 26.85;
- Mesopotamia Square (SR 534A) at SLM 0.00 to SLM 0.02; and
- Mesopotamia Square (SR 534D) at SLM 0.00 to SLM 0.40.

Additional improvements proposed by the project include partial and full-depth pavement repairs, linear grading, catch basin/manhole/monument and valve box adjustments, guardrail upgrades/guardrail replacements, anchor end terminal assembly replacements, new barrier reflector installations, rumble strip installations, raised pavement markings replacement and edge line/center line/lane line/stop line/other pavement markings applications.

The project also proposes maintenance activities on the following seven (7) bridges within the SR 534 project limits:

1. Structure No. TRU-534-9.88/Structure File Number (SFN) 7807414;
2. Structure No. TRU-534-24.21/SFN 7807708;
3. Structure No. TRU-534-24.74/SFN 7807759;
4. Structure No. TRU-534-25.04/SFN 7807767;
5. Structure No. TRU-534-25.31/SFN 7807783;
6. Structure No. TRU-534-25.98/SFN 7807813; and
7. Structure No. TRU-534-26.75/SFN 7807856.

The proposed bridge maintenance activities on these structures are specified in the Project File/General/Project Information subsection as Project Description Proposed Bridge Maintenance Activities.pdf.

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.

Within the two-lane undivided section of SR 534, a minimum of one ten-foot bidirectional lane of traffic shall be maintained on the existing pavement and completed pavement during project construction. Within the resurfacing limits of the Mesopotamia Square, a minimum of one ten-foot lane of traffic shall be maintained



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on the existing pavement and completed pavement during project construction. Road closures and 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. Lane restrictions/reductions shall not be permitted after normal working hours. Access shall be maintained to all adjacent properties, businesses and intersecting side streets during project construction. 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 areas 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 project Area of Potential Effect (APE) is the footprint of the undertaking. A records check was conducted to determine if previously recorded cultural resources are located within the project area. The records check included a review of electronic data from Ohio's State Historic Preservation Office (OSHP) GIS database to identify properties listed on or eligible for the National Register of Historic Places (NRHP), Ohio Historic Inventory (OHI) buildings and structures, Ohio Archaeological Inventory (OAI), as well as properties that have previously received a Determination of Eligibility (DOE). One building individually listed on the NRHP is located on the corridor, the John Wesley Mason Gothic Cottage, 1074 SR 534, NRHP #75001541. Also, part of the project will be constructed partially within one NRHP-listed historic district, the Mesopotamia Village District (NRHP #74001635). Additional OHI resources are located adjacent to the project corridor along SR 534.

The proposed improvements will be constructed within the existing right-of-way and the proposed improvements within the historic district include resurfacing and maintenance activities. The project scope meets Stipulation V(C)(1) of the Section 106 Programmatic Agreement executed November 8, 2017 (Agreement No. 19319), in which work including replacement, restoration, rehabilitation and/or maintenance within a historic district or historic property where no new permanent right-of-way will be acquired and no contributing components will be removed or altered are exempt from further cultural resource consideration.

Additional improvements proposed by the project include bridge maintenance. No new permanent right-of-way will be acquired, and no contributing components of the historic district will be removed or altered.

After review of the project activities, the project meets the stipulations outlined in Appendix B of the Section 106 Programmatic Agreement. In summary, ODOT Office of Environmental Services (OES) determined the undertaking has 'minimal potential to cause effects' to historic properties. In accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, ODOT OES 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.

Part of the project will be constructed within a historic district listed on the NRHP, the Mesopotamia Village District (NRHP #74001635). This NRHP-listed resource represents a well-preserved example of an early-19th century village and village green. The project will not acquire new permanent right-of-way from within the NRHP boundary, and no contributing features of the historic district will be affected by the undertaking.

ODOT determined the project has minimal potential to cause effects to the Mesopotamia Village District. No further review is required for the project. In accordance with 23 CFR Part 774, the project will not result in the use of a Section 4(f) Cultural Resource. See the ODOT OES Cultural Resources 4(f) Determination documentation for the project in the Project File/Section 4(f)/Coordination subsection.

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.



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Additionally, this project is considered ecologically exempt under the Ecological MOA (Agreement 19394). See the Ecologically Exempt TRU-534-VAR-0.00-VAR.pdf for the project in the Project File/Ecological/Reports subsection.

ODOT District 4 Environmental Section personnel reviewed the FEMA FIRM map for the project study areas and determined a section of the project is located within a designated special flood hazard area (SFHA). The project is considered maintenance and, therefore, is exempt from the normal permit process required for work encroaching on a SFHA. Floodplain coordination is not required for the project. However, a letter will be sent to the local floodplain coordinator as a courtesy notification of the work proposed within the designated SFHA. See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection. The project will not impact any 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 is 10.87% greater than the total project cost specified in the ODOT State Fiscal Years 2021 - 2024 Statewide Transportation Improvement Program (STIP). However, fiscal constraint is at the Statewide Line Item (SLI) Group level. Therefore, an individual project utilizing a SLI does not require a STIP/TIP amendment.

**STIP Reference #:** 101951: 21-24 STIP/SLI Group Project. Fiscal constraint is at SLI Group level.

**Cultural Resources Coordination:** Minimal Potential to Cause Effect Appendix B

**Cultural Resources Coordination Date:** 05/13/2021

Since no Tribe was interested in this project based on their customized preferences, no further Tribal consultation was conducted.

**Supporting documentation has been uploaded to Project File:** Yes

**Select the appropriate project type (more than one can be selected):**

(8) Installation of fencing, signs, pavement markings, small passenger shelters, traffic signals, and railroad warning devices where no substantial land acquisition or traffic disruption will occur. *Examples include: The installation or maintenance of signs, pavement markings/raised pavement markers/sensors, traffic calming activities, and/or new or replacement fencing (right-of-way, vandal, etc.); General pavement marking or "line painting" projects.*

(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 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*



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*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:

No



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## **Environmental Commitments**



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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**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	5/17/2021



## **Appendix**

### **General**

Project Description Proposed Bridge Maintenance Activities.pdf

USGS Quadrangle Topographical Map.pdf

### **Cultural Resources**

Minimal Potential to Cause Effect - Appendix B

### **Ecological**

ODNR Scenic River MOA Conditions

### **Section 4(f)**

OES Cultural Resources 4(f) Determination.pdf

### **Permits**

District Determination - No Floodplain Impacts.pdf

FEMA FIRM.pdf