



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **ATB BP FY2022 PID 107248**

**Environmental Document Level: C1**

**Approved: 7/15/2021**

**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.*

# Table of Contents

|                                |   |
|--------------------------------|---|
| C1.....                        | 3 |
| Environmental Commitments..... | 6 |
| Preparers and Approvals.....   | 8 |
| Appendix.....                  | 9 |



C1

|                         |                     |
|-------------------------|---------------------|
| <b>PID:</b>             | 107248              |
| <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) proposes to paint/spot paint structural steel and perform associated minor maintenance activities on 11 bridges in the cities of Ashtabula and Conneaut and Ashtabula, Dorset, Harpersfield, Kingsville, Orwell, and Sheffield Townships, Ashtabula County. These proposed painting/maintenance activities will be conducted at the following bridges:

1. ATB-90-0138 under ATB-TR 135-0060;
2. ATB-90-0234 under ATB-TR 135-0114;
3. ATB-90-1765 under ATB-CR 20-0457;
4. ATB-90-1904 under ATB-TR 356-0091;
5. ATB-90-2457 under ATB-MR 372-0000;
6. ATB-90-2651 under ATB-MR 295-0000;
7. ATB-90-2724 under ATB-MR 351-0000;
8. ATB-20-1214 over Norfolk Southern Railroad;
9. ATB-322-0528 over Grand River;
10. ATB-11-2782R over CSX Transportation Railroad; and
11. ATB-307-1987 over Mill Creek.

Proposed minor maintenance activities on these bridges include damaged steel crossframe replacement, damaged main/secondary structural steel member repair by fillet welding, structural steel grinding, bearing device refurbishment, scupper lengthening, structure salt remediation for structural steel painting and clearing/grubbing.

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 10-foot bidirectional lane of traffic shall be maintained on the existing pavement during project construction. A temporary traffic signal shall be placed at each end of the ATB-307-1987 and ATB-322-0528 bridges with one lane of traffic being maintained across the bridges during construction. Detours are not proposed to construct the project. Substantial traffic disruptions are not expected during project construction.

The project will be constructed within the existing highway/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.

A Cultural Resources Records Check was performed by district environmental staff using the SHPO GIS online database. No Cultural Resources listed on or determined eligible for listing on the National Register of



**Environmental Document Level: C1**

PID 107248 ATB BP FY2022

Approved: 7/15/2021

Historic Places were identified within and/or immediately adjacent to the proposed project area. The undertaking is a type that has minimal potential to cause effects to historic properties. No further coordination is required in accordance with the Section 106 Programmatic Agreement. 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.

Additionally, this project is considered ecologically exempt under the Ecological MOA (Agreement 19394). See the Ecologically Exempt New ESR 1.pdf for the project in the Project File/Ecological/Reports subsection. The proposed maintenance on the ATB-322-0528 bridge is over the Grand River, a State Scenic River. The project was coordinated with the ODNR Assistant Regional Scenic River Manager in accordance with the Project Coordination On Ohio's State Wild, Scenic and Recreational Rivers (Agreement 11323). See the ODNR Scenic River coordination documentation for the project in the Project File/Ecological/Coordination subsection.

ODOT District 4 Environmental Section personnel reviewed the FEMA FIRM mapping for the project study areas and determined the proposed bridge painting/maintenance activities at ATB-307-1987 over Mill Creek and ATB-322-0528 over the Grand River are located within designated Special Flood Hazard Areas (SFHA) Zone A and AE floodplains. However, the proposed bridge painting/maintenance activities at these bridges are considered maintenance that will not change the alignment, grade or hydraulic capacity and, therefore, are exempt from the normal permit process required for work encroaching on a SFHA. Floodplain coordination is not required for the project. However, letters will be sent to the local floodplain coordinators as a courtesy notification of the proposed bridge painting/maintenance activities within the designated SFHAs. 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 14.02% 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.

|   |  |
|---|--|
| <b>STIP Reference #:</b>  | 107248: 21-24 STIP/SLI Group Project. Fiscal constraint is at SLI Group level. |
| <b>Cultural Resources Coordination:</b>   | Minimal Potential to Cause Effect Appendix A                                   |
| <b>Cultural Resources Coordination Date:</b>  | 06/22/2021   |
| <b>Since no Tribe was interested in this project based on their customized preferences, no further Tribal consultation was conducted.</b> |  |
| <b>Supporting documentation has been uploaded to Project File:</b>  | Yes  |



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

(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 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:**

Yes



## Environmental Commitments

### C1

1) The Project Designer shall incorporate the following note in the plans:

The Contractor shall not discharge toxic or hazardous materials such as sealants, paint, solvents, cleaning agents, earthen materials, waste-water, fuels or debris of any kind to a scenic river, its tributaries, or drainage ways. If refueling of immobile equipment is necessary within the floodplain or near any tributary drainage ways, ditches, or stream, the contractor shall provide secondary containment with enough capacity to completely contain and collect all potential liquid wastes in the event of a spill.

2) The Project Designer shall incorporate the following note to the plans:

Any and all construction debris, earthen debris, excess asphalt or concrete, wood debris from clearing, excess fill material, and trash shall be disposed of at an approved upland site or land fill above FEMA 100-year flood elevations. Disposal of any such materials within 1000 feet of the Grand River is prohibited.

3) The Project Designer shall incorporate the following note to the plans:

In accordance with ORC 3750.06, reportable spills must be reported to the local fire department (911), the local emergency coordinator (440-576-0055), and the Ohio Spill Line (800-282-9378).

4) The Project Designer shall incorporate the following note in the plans:

The Contractor shall keep all idle equipment, fuels, lubricants, and any storage for/of potentially toxic or hazardous materials out of the FEMA designated special flood hazard area and not within 1000 feet of the Grand River.

5) If any vegetation removal other than mowing, tree trimming, brush removal or herbicidal spraying will occur, the DEC and Scenic River Manager must conduct a field review and complete a Scenic River Field Review Form.

The Project Designer shall incorporate the following note in the plans:

When cutting and clearing of any vegetation within 1000 feet of the Grand River, the Contractor shall limit the amount of vegetation being cleared to the absolute minimum necessary to accomplish the goal of the project. Vertical pruning of trees is permitted if any overhanging limbs cause a safety hazard or obstruct view. The Contractor shall not use a flail mower for vertical pruning. The Contractor must avoid girdling or scuffing tree trunks.

6) The Project Designer shall incorporate the following note in the plans:

If any painting, welding, sand and/or water blasting (cleaning) occurs at or over the Grand River, then the Contractor shall utilize appropriate aprons to provide for complete containment of all paint, welding slag and/or sealant overspray and other debris. Aprons, appropriate falsework or other barriers shall be utilized on all deck replacement projects to prevent the discharge of concrete, asphalt or other debris to a designated scenic river. All debris collected shall be disposed of at an approved upland site or landfill above FEMA 100-year flood elevations. Disposal of any such materials within 1000 feet of the Grand River is prohibited.



**Environmental Document Level: C1**

PID 107248 ATB BP FY2022

Approved: 7/15/2021

7) The project designer shall incorporate the following note into the plans:

ODNR PRECONSTRUCTION NOTIFICATION - ATB-322-0528 BRIDGE OVER THE GRAND RIVER  
THE OHIO DEPARTMENT OF NATURAL RESOURCES, DIVISION OF NATURAL AREA & PRESERVES, MUST RECEIVE PRECONSTRUCTION NOTIFICATION AT LEAST THIRTY (30) CALENDAR DAYS PRIOR TO THE BEGINNING OF ANY WORK, INCLUDING INSTALLATION OF MAINTENANCE OF TRAFFIC SIGNAGE, STAGING OF EQUIPMENT AND/OR MATERIALS, ETC, WITHIN 1000 FEET OF THE STATE SCENIC GRAND RIVER. THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE OHIO DEPARTMENT OF NATURAL RESOURCES, DIVISION OF NATURAL AREAS. INFORMATION REQUIRED AS PART OF THE PRECONSTRUCTION NOTIFICATION SHALL INCLUDE: 1) THE CONTRACTORS NAME AND ADDRESS, 2) CONTRACTOR AND ODOT DISTRICT 4 CONSTRUCTION REPRESENTATIVE CONTACT INFORMATION, 3) THE SCHEDULED DATES FOR THE START AND COMPLETION OF THE BRIDGE MAINTENANCE, 4) ONE COPY OF THE CONSTRUCTION PLANS. THE CONTRACTOR SHALL COMPILE THE ABOVE PRECONSTRUCTION NOTIFICATION AND SUBMIT IT TO THE ASSISTANT REGIONAL SCENIC RIVER MANAGERS, MATTHEW SMITH (MATTHEW.SMITH@DNR.OHIO.GOV OR 440-225-5582) AND JEFFRY HAYES (JEFFRY.HAYES@DNR.OHIO.GOV). A COPY OF THE NOTIFICATION SHALL BE PROVIDED TO THE ODOT PROJECT ENGINEER. THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND MATERIALS NECESSARY TO COMPLETE AND SUBMIT THE PRECONSTRUCTION NOTIFICATION. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN ITEM 614 MAINTAINING TRAFFIC.

8) The project designer shall incorporate the following note into the plans:

STRUCTURE PAINTING AND MAINTENANCE OPERATIONS  
THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT PAINT OR OTHER MATERIALS USED TO REPAIR, CLEAN, SEAL, TREAT OR ANY BRIDGE STRUCTURE FROM ENTERING ANY STREAMS, RIVERS, WETLANDS OR OTHER WATERS OF THE UNITED STATES AND TAKE THE APPROPRIATE ACTIONS IN THE EVENT OF A RELEASE.

9) The project designer shall incorporate the following note into the plans:

STATE SCENIC RIVER/STREAM AVOIDANCE - ATB-322-0528 BRIDGE OVER THE GRAND RIVER  
UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER THE STATE SCENIC GRAND RIVER. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS SUCH AS COFFERDAMS, ETC.) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THE STATE SCENIC RIVER. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT ALL CONSTRUCTION MATERIALS, WASTE MATERIALS, WATER CHEMICALS OR OTHER SUBSTANCES USED TO CONSTRUCT THE PROJECT FROM ENTERING THE STATE SCENIC RIVER. AN UNDERDECK APRON OR SIMILAR DEVICE SHALL BE INSTALLED TO PREVENT DEBRIS, CONSTRUCTION RUNOFF AND OTHER MATERIALS/SUBSTANCES FROM ENTERING THE STATE SCENIC RIVER DURING THE MAINTENANCE AND PAINTING OPERATIONS. ALL DEBRIS COLLECTED SHALL BE DISPOSED OF AT AN APPROPRIATE FACILITY ABOVE THE FEMA 100-YEAR FLOODPLAIN AND NOT WITHIN 1000 FEET OF ANY SCENIC RIVER.

10) The project designer shall incorporate the following note into the plans:

PAINTING AND MAINTENANCE OPERATIONS - ATB-322-0528 BRIDGE OVER THE GRAND RIVER  
THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT PAINT OR ANY OTHER MATERIALS USED TO REPAIR, CLEAN, TREAT OR PAINT THE BRIDGE STRUCTURE FROM ENTERING THE STATE SCENIC GRAND RIVER AND TAKE THE APPROPRIATE ACTIONS IN THE EVENT OF A RELEASE. THE CONTRACTOR SHALL LIMIT THE AMOUNT OF OPEN PAINT/MATERIALS TO THE EXTENT PRACTICABLE TO PERFORM THE REQUIRED WORK. DISCARDED CONTAINERS SHALL BE REMOVED FROM THE VICINITY OF THE STATE SCENIC GRAND RIVER AND UNDER NO CIRCUMSTANCES SHALL ANY PAINT/MATERIALS BE STORED WITH THE 100-YEAR FLOODPLAIN OF THE STATE SCENIC GRAND RIVER.



**Environmental Document Level: C1**

PID 107248 ATB BP FY2022

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### **Preparers and Approvals**

**Form Preparer**

District 4  
Contact: Edward Deley  
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Edward.Deley@dot.ohio.gov

**Supporting Form Preparer(s):**

Mark Andrasik  
Robert Lang

### **Approvals & Electronic Signatures**

| <b>Approved &amp; Electronically Signed By:</b> | <b>Approval Date:</b> |
|---|-----------------------|
| Edward Deley (PROGRAM ADMIN 3)                  | 7/15/2021             |



**Environmental Document Level: C1**

PID 107248 ATB BP FY2022

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## **Appendix**

### **General**

County Map.pdf

USGS Quadrangle Topographical Map.pdf

### **Ecological**

ODNR Scenic River MOA Conditions

### **Public Involvement**

Correspondence with Stakeholders.pdf

### **Permits**

District Determination - No Floodplain Impacts.pdf