



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

### **D04 BH FY2025 (West) PID 113163**

**Environmental Document Level: C2**

**Approved: 9/23/2024**

**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

<b>PID:</b>	113163
<b>Project Sponsor:</b>	DISTRICT 4-PLANNING
<b>ODOT District:</b>	4
<b>Funding Source:</b>	Federal

### C2 Section

### Project Description:



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The Ohio Department of Transportation proposes to perform maintenance on twenty-four (24) bridge structures on various interstate, U. S. and state routes in Portage and Summit Counties. Proposed bridge maintenance activities on these 24 bridges are summarized in the Project File/General/Project Information subsection as *Project Description Bridge Maintenance Activities.pdf*. Mapping that depicts the bridge locations 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*. To construct the project turning restrictions and ramp closures will be required at U.S. Route (USR) 224 spanning Arlington Road (SUM-224-10.616) and at State Street spanning Interstate Route (IR) 76 (SUM-76-5.500) in Summit County.

- US Route 225 through traffic will be reduced to one lane at the SUM-224-10.616 bridge location (US Route 224 over Arlington Rd.) and the US Route 225/Kelly Avenue eastbound ramps and westbound ramps will be closed during two (2) weekends, each. The contractor will stage the ramp closures to minimize disruption to the traveling public. Vehicles will be directed to use nearby interchange ramps.
- Two-way traffic will be maintained on IR 76 and State Street at the SUM-76-5.500 bridge location (State Street over IR 76). However, left turn movements will not be permitted at the IR 76/State Street ramp terminals for a period not to exceed seven (7) consecutive days. Left turning vehicles will be directed to use nearby interchange ramps.

For all other bridge locations, two-way will be maintained during project construction. On highways/roadways with 4 or more lanes, a minimum of one ten-foot lane of traffic in each direction shall be maintained on the existing pavement during project construction. On roadways with 3 or less lanes, a minimum of one ten-foot bidirectional lane of traffic shall be maintained on the existing pavement during project construction. Lane restrictions/reductions shall not be permitted after normal working hours. The duration of lane closures/restrictions shall be prescribed by the permitted lane closure chart. 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 roads during project construction. Substantial traffic disruptions are not expected during project construction.

The project will be constructed entirely within the existing interstate, U. S. and state route rights-of-way. Existing utilities 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 performed with Coventry Township and City of Akron (SUM-224-10.616; ramp closures) and the City of Barberton (SUM-76-5.500; left turn restrictions). See stakeholder coordination performed for the project is included in the Project File/Public Involvement/Project Information subsection.

The project may impact a total of approximately 180 linear feet of stream channel. Proposed stream impacts are associated with channel cleanout at SUM-82-0422 bridge (Indian Run) and anticipated use of ladders and scaffolding to access and repair the underside of the SUM-91-2007 bridge deck (Tinkers Creek). The project will not result in impacts to wetlands. See ecological resource information and documentation for the project in the Project File/Ecological/Reports and Coordination subsections and the Ecological Tab.

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 final construction plans developed for the project. The final construction plan information for the project is included in the Project File/General/Project Information subsection as *Final Tracings.pdf*.

The estimated total project construction cost specified in Ellis is 1% less than the total construction 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	On Previous STIP
CO	113163: 24-27 STIP
DD	On Previous 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:**



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(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 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:** Permit Determination and/or Permit Application Approval Pending

**Isolated Wetland Permit** No

**Will any wetlands be impacted?** No

**The identified Federally Listed Species for the project received an effect determination of No Effect.**

**Endangered Species Remarks:**

The project will have no effect on Federally or state listed threatened and endangered species. See ecological resource information and documentation for the project in the Project File/Ecological/Reports and Coordination subsections and the Ecological Tab.



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### Scenic Rivers

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

### Scenic Rivers Remarks

There are no National Wild and Scenic Rivers within 1000 Feet of the Proposed Project Area. No National or State Wild and Scenic Rivers coordination is required for the project.

### 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:

08/01/2024

### Floodplain Remarks

ODOT District 4 Environmental Section personnel reviewed the FEMA FIRM mapping for the project study areas and determined the project encroaches onto designated Special Flood Hazard Area (SFHA) Zone A and Zone AE floodplains. However, the proposed bridge maintenance activities are considered maintenance that will not change the alignment, grade or hydraulic capacity of waterway River and, therefore, the project 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.

### Section 4(f)

#### Section 4(f):

Present; No Impacts and/or Access  
Restrictions

### Section 4(f) Remarks

The proposed project will not restrict access to and/or permanently incorporate land into a transportation facility or temporarily occupy land from any Section 4(f) resource adjacent to the project. No Section 4(f) coordination is required for the project in accordance with 23 CFR 774 and the OES Section 4(f) Manual.

### 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 Remarks

All structure maintenance activities will be limited to the existing right-of-way and no right-of-way acquisition is anticipated. The project will not involve any buildings, and no relocations will be required. A diffuse literature search was developed to determine the project's potential impacts to cultural resources. The area of potential effects (APE) was not a single area but composed of a diffuse review pattern focused on 28 individual work areas. Subsequent to the Section 106 review, the project scope was reduced to twenty-four bridge locations/work areas.

The literature search concluded there are no inventoried buildings (OHI), no known archaeological sites (OAI), and generally no listed or eligible historic properties found any of the individual construction area or in the composite site forming the area of potential effects (APE). One bridge maintenance location (SUM-303-0720; SFN: 7709935) spans the Cuyahoga River and is located within the Peninsula Village Historic District (NR # 100000974). The nomination represents a nineteenth century canal village located along the Cuyahoga River. Approximately 40 buildings are associated with the district and other features dating from the period between 1827 and 1913. The nomination mentions Main Street (SR 303) but the current bridge that carries the highway over the Cuyahoga River is a non-contributing element of the Peninsula Village nomination.

Bridge rehabilitation will only involve modern structures as based on information found in Ellis. TIMS mapping indicates that none of these bridges are historic nor are they considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). The rehabilitation of non-historic and non-contributing bridges even those within a NR historic district where no new right-of-way is required are construction activities which are exempt from further cultural resource consideration by the 6/29/23 Cultural Resource PA (Agreement 38503).

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 coordination and documentation for the project in the Project File/Cultural Resources/Coordination 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".

#### Noise Remarks

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

The project involves ROW acquisition, Deep Excavation, or OEPA 513 Landfill Authorization: No

Hazardous Materials - OES Approval Date:

09/20/2024

#### 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. See the RMR documentation for the project in the Project File/ESA/Reports subsection.

### Environmental Justice



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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
391336016002	6	16
391336003021	7	11
391336003023	5	11
391535102003	10	48
391535318021	12	23
391535033007	27	40
391535327011	20	5
391535038002	56	61
391535306031	19	28
391535326001	10	6
391535335021	5	6
391535327011	20	5
391535301011	31	6
391535301051	21	15
391535057001	15	70
391535311031	1	17
391535068001	45	82
391535022005	46	50
391535326003	0	3
391535083012	59	54

**Environmental Justice Remarks**

A review of the ODOT Transportation Information Mapping System (TIMS) indicated Environmental Justice populations within the proposed project study areas. 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. See Environmental Justice documentation for the project in the Project File/Environmental Justice/Project Information subsection.

**Public Involvement**

**Public Involvement:**

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

**Public Involvement Remarks**



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The project is listed on the ODOT State Fiscal Years 2024 - 2027 Statewide Transportation Improvement Program (STIP). ODOT notifies the public of the STIP comment period by various methods including media releases, newspaper legal notices, articles in newsletters, and various social media forums. Comments and responses regarding the draft STIP are summarized and included as an appendix in the final STIP. No public comments were received for this 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 performed with local municipalities/stakeholders at the SUM-91-2007 (City of Twinsburg), SUM-224-10.616 (Coventry Township and City of Akron) and SUM-76-5.500 (City of Barberton).

The City of Twinsburg requested that a temporary traffic signal be installed to maintain two-way traffic on SR 91 during project construction. The project will install the temporary traffic signal, as requested. No other stakeholder comments were received. See stakeholder coordination performed for the project is included in the Project File/Public Involvement/Project Information subsection.

**Environmental Commitments**

**Environmental Commitments**

Yes



## Environmental Commitments

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- 1) The project designer shall incorporate the following avoidance/protection note into the plans. IN-STREAM WORK RESTRICTION - SUM-91-2007 (SFN: 7707444) AT TINKERS CREEK: NO EXCAVATION, GRADING OR FILLING OPERATIONS SHALL BE PERFORMED BELOW THE OHWM OF TINKERS CREEK. PLACEMENT OF MOTORIZED AND/OR LARGE EQUIPMENT BELOW THE OHWM OF TINKERS CREEK IS PROHIBITED. HAND WORK AND USE OF BOATS, LADDERS AND/OR SCAFFOLDING IS PERMITTED IN TINKERS CREEK. THE CONTRACTOR SHALL NOT PLACE ANY LADDERS AND/OR SCAFFOLDING BELOW THE OHWM OF TINKERS CREEK DURING THE ODNR INSTREAM WORK RESTRICTION PERIOD OF APRIL 15 TO JUNE 30. IN-STREAM WORK IS DEFINED AS THE PLACEMENT AND/OR REMOVAL OF ANY MATERIALS (TEMPORARY OR PERMANENT) BELOW THE OHWM. THE CONTRACTOR MUST NOTIFY THE PROJECT ENGINEER OF ANTICIPATED USE OF BOATS, LADDERS AND/OR SCAFFOLDING AT THE SUM-91-2007 BRIDGE LOCATION PRIOR TO THE PROJECT PRE-CONSTRUCTION MEETING.
- 2) The project designer shall incorporate the following avoidance/protection note into the plans. STREAM/WETLANDS IMPACT AVOIDANCE: NO EXCAVATION, GRADING OR FILLING OPERATIONS SHALL BE PERFORMED BELOW THE ORDINARY HIGH WATER MARK (OHWM) OF ANY STREAM, RIVER AND/OR WITHIN ANY WETLANDS OR OTHER JURISDICTIONAL WATERS OF THE UNITED STATES. ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS SECTION 107.10 (PROTECTION AND RESTORATION OF PROPERTY) PROHIBIT THE CONTRACTOR FROM CREATING STAGING AREAS NEAR STREAMS, WETLANDS AND FEMA MAPPED 100 YEAR FLOODPLAINS.
- 3) The project designer shall incorporate the following avoidance/protection note into the plans. SECTION 4(F) PUBLIC PARKS AND RECREATIONAL TRAILS - AVOIDANCE AND ACCESS: THE PROJECT IS SUBJECT TO THE REQUIREMENTS OF SECTION 4(F) OF THE DEPARTMENT OF TRANSPORTATION (DOT) ACT OF 1966, WHICH AFFORDS PROTECTION TO PUBLICLY-OWNED PARKS AND RECREATION TRAILS. WHILE THE PROJECT WILL BE CONSTRUCTED ENTIRELY WITHIN EXISTING ROAD RIGHTS-OF-WAY, THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT ADJACENT SECTION 4(F) PROPERTIES AND THE PUBLIC. STAGING ON ADJACENT PARKLANDS AND ON/ALONG ANY RECREATIONAL TRAILS WITHIN THE EXISTING ROAD RIGHT-OF-WAY IS PROHIBITED. RESTRICTING PUBLIC ACCESS TO PARKS AND RECREATIONAL TRAILS IS PROHIBITED. STREET SIDEWALK CLOSURES MUST BE APPROVED BY THE PROJECT ENGINEER PRIOR TO IMPLEMENTATION.
- 4) The project designer shall incorporate the following avoidance/protection note information into the plans. CLEARING AND GRUBBING AT THE SUM-303-7.200 AND SUM-261-9.066 BRIDGE LOCATIONS SHALL BE LIMITED TO TREE TRIMMING ALONG THE EXISTING BRIDGE RAILING AND PARAPETS WITHIN THE EXISTING ROAD RIGHT-OF-WAY. ORNAMENTAL TREES AND OTHER ORNAMENTAL PLANTINGS SHOULD BE AVOIDED.



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### **Preparers and Approvals**

**Form Preparer**

District 4  
Contact: Brian Peck  
330-786-4931  
Brian.Peck@dot.ohio.gov

**Supporting Form Preparer(s):**

Alexandria Siracuse  
Brian Peck  
Robert Lang

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Brian Peck (ENV SPEC 3)	9/23/2024



## Appendix

### General

Aerial Map.pdf

County Map.pdf

Project Description Bridge Maintenance Activities.pdf

USGS Quadrangle Topographical Map.pdf

### Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

### Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

### Environmental Justice

Census Mapping.pdf

### Public Involvement

Correspondence with Stakeholders - Akron and Barberton.pdf

Correspondence with Stakeholders - Twinsburg.pdf

### Permits

District Determination - No Floodplain Impacts.pdf

FEMA FIRM.pdf