



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **SUM IR 0077 31.97 PID 109076**

**Environmental Document Level: C2**

**Approved: 12/28/2020**

**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 June 6, 2018, and executed by FHWA and ODOT.*

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**C2**

<b>PID:</b>	109076
<b>Project Sponsor:</b>	ODOT SPONSORING AGENCY
<b>ODOT District:</b>	4
<b>Funding Source:</b>	Federal
<b>Private Funding:</b>	Yes
<b>Project Description:</b>	



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The Ohio Department of Transportation (ODOT) proposes stream erosion countermeasures along Furnace Run to protect the Interstate Route (IR) 77 northbound and southbound bridges over Furnace Run in Richfield Township, Summit County. Existing bank stabilization features have degraded and/or eroded in places under the bridges behind one of the existing wall-type piers. Proposed improvements include re-establishment of the embankment with 300 feet of bank stabilization and 36-inch thick layer of Type A rock channel protection placement with aggregate filter.

The project proposes to direct the contractor to access the stream from the center median between the existing IR 77 bridges with the inside IR 77 lanes closed to traffic. A minimum of one eleven-foot lane in each direction shall be maintained on the existing pavement during project construction. Highway/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. Substantial traffic disruptions are not expected during project construction.

The project will be constructed within the existing highway right-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 2 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 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.

The project will impact a total of 300 linear feet of Furnace Run. Two wetlands are also located in the project study area. However, both of these wetlands are located beyond the project construction limits and will not be impacted by the project. Furnace Run is a Group 1 mussel stream. In 2015, a mussel reconnaissance survey was conducted and no evidence of mussels (alive, fresh dead or dead) were found in the project study area. Due to the restrictions of weather and upstream work causing sedimentation and reducing visibility, a complete mussel reconnaissance survey was not feasible during the April/May 2020 site visits.

Approximately 20 minutes was spent at each site during the April and May 2020 site visits while making observations within the project study area as well as upstream and downstream. A mussel reconnaissance survey will be completed by ODOT District 4 Environmental personnel in May 2021 (weather permitting). If



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mussels are found during the mussel reconnaissance survey, then ODOT Office of Environmental Services (OES) Ecological Unit personnel will perform a mussel survey/relocation that will be completed prior to construction activities in Furnace Run. See the ecological documentation and threatened/endangered species documentation for the project in the Project File/Ecological/Reports and Coordination subsections.

ODOT District 4 Environmental Section personnel reviewed the FEMA FIRM for the project study area and determined the project is located within a special flood hazard area (SFHA) Zone AE. The ODOT District 4 Hydraulic Engineer notified the Local Floodplain Administrator that the project is considered maintenance that does not change the alignment, grade, or hydraulic capacity of the existing structure. Because of this, the project is exempt from the normal permit process required for work encroaching on a SFHA. See the FEMA FIRM and floodplain correspondence for the project in the Project File/Permits/Floodplains subsection.

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

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 #:**

109076: 21-24 STIP/SLI Group Project. Fiscal constraint is at SLI Group level.

**Select the appropriate project type:**

(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 -  
a. Acquisition of more than a minor amount of right-of-way  
b. Residential or non-residential displacements  
c. A Coast Guard, Individual Section 404 and/or a Section 10 permit  
d. A Section 106 finding of Adverse Effect  
e. A Section 4(f) Programmatic or Individual Evaluation  
f. A finding of May Affect, Likely to Adversely Affect to Threatened and Endangered Species  
g. Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions  
h. Changes in access control  
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)  
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  
k. No minor public or agency controversy on environmental grounds ( no opposition from any organized groups or agencies and no unresolved environmental coordination )  
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



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<b>Waterways Permit Type:</b>	Permit Determination and/or Permit Application Approval Pending
<b>Isolated Wetland Permit</b>	No
<b>Endangered Species:</b>	No Impacts to Protected Species and Critical Habitat
<b>100-Year Floodplain:</b>	Encroachment Within the SFHA is a Functionally Dependent Use
<b>EO 11988/NFIP Coordination and Documentation Completed:</b>	Yes
<b>NFIP Local Floodplain Coordinator Notification Date:</b>	05/20/2020
<b>Section 4(f):</b>	Not present
<b>Section 6(f):</b>	Not present
<b>Cultural Resources:</b>	Present; No Finding of Adverse Effect
<b>Cultural Resources Coordination:</b>	Minimum Potential to Cause Effect Appendix A
<b>Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date</b>	12/17/2020
<b>Since no Tribe was interested in this project based on their customized preferences, no further Tribal consultation was conducted.</b>	
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.	
<b>Air Quality:</b>	Studies Not Required
<b>Air Quality - Coordination with OES:</b>	No
<b>Noise:</b>	Studies Not Required
<b>Noise Coordination - OES Approval Date:</b>	
<b>Hazardous Materials - ESA Screening Conducted</b>	Yes
<b>Hazardous Materials - OES Approval Date:</b>	12/17/2020
<b>Phase I ESA Warranted Based on Coordination with OES:</b>	No Further Studies Warranted
<b>Farmland:</b>	Non-Urbanized Area; No Impacts in Accordance With the Farmland MOU, 7 CFR 658, and ORC 929.05
<b>Scenic Rivers</b>	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.



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**Underserved Populations**

Does Not Exceed UP Guidance  
Criteria; No UP Analysis Report  
Required and No UP Issues Raised  
During Public Involvement

**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) A mussel reconnaissance survey will be completed by ODOT District 4 Environmental personnel in May 2021 (weather permitting). If mussels are found during the mussel reconnaissance survey, then ODOT Office of Environmental Services (OES) Ecological Unit personnel will perform a mussel survey/relocation that will be completed prior to construction activities in Furnace Run.



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### **Preparers and Approvals**

**Form Preparer**

District 4  
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**Supporting Form Preparer(s):**

Robert Lang  
Thomas Powell

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	12/28/2020



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## **Appendix**

### **Ecological**

Coordination with ODNR.pdf

ODNR Comments.pdf

ODOT Response to Comments.pdf

OES Approval - No USFWS Notification.pdf

### **Permits**

Correspondence with Local Floodplain Administrator.pdf