



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **SUM IR 77/277/US 224 Various PID 106002**

**Environmental Document Level: C2**

**Approved: 9/26/2019**

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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>	106002
<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 improve Interstate Route (IR) 77 between Arlington Road and the IR 77/IR 277/U. S. Route (USR) 224 interchange in Coventry Township and the city of Akron, Summit County. This project proposes to:

- Widen southbound IR 77 to establish five lanes from the IR 77/IR 277/USR 224 interchange to approximately 1340 feet north of the Warner Road underpass and to establish four lanes with standard shoulders from approximately 1340 feet north of the Warner Road underpass to the Arlington Road interchange exit ramp at the Killian Road overpass;
- Widen northbound IR 77 to establish five lanes from the Arlington Road interchange entrance ramp approximately 830 feet south of the Killian Road overpass to approximately 1650 feet north of the Killian Road overpass, to establish four lanes from approximately 1650 feet north of the Killian Road overpass to approximately 950 feet south of the Swartz Road overpass and to establish five lanes from approximately 950 feet south of the Swartz Road overpass to the I-77/I-277/US-224 interchange.
- Replace the southbound IR 77 to eastbound USR 224 system interchange ramp bridge over the IR 77 northbound lanes;
- Construct recommended noise walls if desired by the respective benefitted residents/property owners;
- Replace the existing northbound/southbound IR 77 full-depth pavement;
- Widen the existing IR 77 shoulders to meet current design criteria except as necessary to construct IR 77 under the existing Swartz Road and Killian Road overpass bridges;
- Rehabilitate and widen in the median the existing IR 77 bridges over Warner Road and the Tuscarawas River;
- Replace the existing full-depth pavement along all IR 77/IR 277/USR 224 system interchange ramps and reconfigure them to meet current design criteria;
- Widen the system interchange ramp from eastbound IR 277 to southbound IR 77 to accommodate two (2) lanes with shoulders that meet current design criteria;



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- Widen the system interchange ramp from northbound IR 77 to westbound IR 277 to accommodate two (2) lanes with shoulders that meet current design criteria;
- Construct a concrete median barrier;
- Perform culvert extensions/maintenance activities, as warranted, and other minor bridge maintenance activities, as warranted;
- Construct new highway drainage features;
- Install new truss/cantilever/post mounted signs;
- Install new pavement markers; and
- Apply new pavement markings.

Three lanes of traffic in each direction will be maintained on the existing pavement or completed pavement along IR 77 at all times during project construction. The IR 77/IR 277/USR 224 interchange ramps will also remain open to traffic at all times during project construction except for the southbound IR 77 to eastbound USR 224 ramp that will be closed to traffic for approximately 120-150 consecutive days to replace the existing ramp bridge over the IR 77 northbound lanes. Traffic that would use this ramp will be detoured along westbound IR 76 to eastbound IR 277 to eastbound USR 224. The IR 77/Arlington Road exit/entrance ramps will remain open to traffic at all times during project construction. Warner Road traffic will be maintained at all times during project construction except for short periods of overhead bridge work. Traffic on Killian and Swartz Roads will be maintained at all times during project construction. Construction, lane restriction and ramp closure/detour information will be posted prior to the start of construction. Substantial traffic disruptions are not expected with the project.

Acquisition of minor new permanent and temporary strip rights-of-way are anticipated to accommodate proposed highway drainage improvements. The project will not displace any houses, businesses, institutions or farms.

Minor relocations of existing utilities within the project study area will be necessary to construct the project. These minor utility relocations will occur within the existing highway/roadway right-of-way. Utilities will not be permanently removed to construct the project. Coordination with the utility companies affected by the proposed construction activities will be conducted during the detailed design phase of the project.

See continuation of the project description in the Project File/General/Project Information subsection as Project Description Continued.pdf.

**STIP Reference #**

2018AM02ID0051FDDD

**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;*



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***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 -  
 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.

<b>Waterways:</b>	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
<b>Waterways Permit Type:</b>	Permit Determination and/or Permit Application Approval Pending
<b>Isolated Wetland Permit</b>	No
<b>Endangered Species:</b>	Present; No finding of May Affect, Likely to Adversely Affect
<b>Endangered Species - Coordination</b>	May Affect, Not Likely to Adversely Affect
<b>Endangered Species - Coordination Date</b>	09/06/2019
<b>Endangered Species - Critical Habitat Present/Impacted</b>	
Indiana bat	
Northern long-eared bat	
<b>Endangered Species - Other Critical Habitat Present/Impacted:</b>	No
<b>100-Year Floodplain:</b>	Encroachment Within the SFHA is a Functionally Dependent Use
<b>EO 11988/NFIP Coordination and Documentation Completed:</b>	Yes



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<b>NFIP Local Floodplain Coordinator Notification Date:</b>	08/20/2019
<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 B
<b>Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date</b>	08/27/2019

**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.

<b>Air Quality:</b>	Studies and Coordination Conducted; No Impacts
<b>Air Quality - Agency Coordination:</b>	Qualitative MSAT
<b>Air Quality - OEPA Approval Date:</b>	09/04/2019
<b>Noise:</b>	Studies and Coordination Conducted; No Impacts
<b>Noise Coordination:</b>	Noise Analysis Completed
<b>Noise Coordination - OES Approval Date:</b>	09/23/2019
<b>Hazardous Materials - ESA Screening Conducted</b>	Yes
<b>Hazardous Materials - OES Approval Date:</b>	09/13/2019
<b>Phase I ESA Warranted Based on Coordination with OES:</b>	No Further Studies Warranted
<b>Farmland:</b>	Urbanized Area; No Impacts in Accordance With the Farmland MOU and 7 CFR 658
<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.

<b>Underserved Populations</b>	Does Not Exceed UP Guidance Criteria; No UP Analysis Report Required and No UP Issues Raised During Public Involvement
<b>Public Involvement:</b>	Minimum PI Requirements Met; No Minor Public or Agency Controversy on Environmental Grounds



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**Environmental Commitments**

Yes



## **Environmental Commitments**

### **C2**

- 1) ODOT District 4 Environmental personnel will use project plans to evaluate impacts to Property #44 (2229 Stahl Rd) as identified in the RMR Form to determine if a plan note or further RMR investigation is necessary.
- 2) The Project Designer shall incorporate the following note into the plans: Endangered Species Habitat - This project is located within the known habitat ranges of the federally listed and protected Indiana Bat and Northern Long-Eared Bat. No trees shall be removed under this project from April 1 through September 30. All necessary tree removal 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.
- 3) ODOT will obtain all appropriate waterway permits prior to any work within the jurisdictional boundary of any waterway, including wetlands, and all Special Provisions for waterway permit conditions will be included in the project plans. It is yet to be determined if stream and/or wetland mitigation will be required for the project. If necessary, mitigation will be completed for the project and the appropriate documentation will be included in the project file.



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### **Preparers and Approvals**

**Form Preparer:**

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### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	9/26/2019



## Appendix

### General

Aerial Map.pdf

### Air

Coordination with OEPA-USEPA-FHWA - PM 2.5 revised data.pdf

Coordination with OEPA-USEPA-FHWA - PM 2.5.pdf

### Ecological

Coordination with USFWS.pdf

### General

Correspondence with Emergency and Public Services.pdf

County Map.pdf

### Air

FHWA Comments - PM 2.5.pdf

### Cultural Resources

Minimal Potential to Cause Effect - Appendix B

### Air

OEPA Approval - Qualitative MSAT.pdf

OEPA Comments - PM 2.5.pdf

### Purpose and Need

OES Acceptance - Purpose and Need.pdf

### Ecological

OES Approval - No ODNR Notification.pdf

### Noise

OES Approval - Noise Analysis.pdf

### General

Project Description Continued.pdf

### ESA

Project Related OES Decision - ESA.pdf

### General

Project Study Area Map.pdf



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**Cultural Resources**

Records Check.pdf

**Air**

USEPA Comments - PM 2.5.pdf

**Ecological**

USFWS Comments Consult Form SUM-77\_277\_224 PID 106002.pdf

**General**

USGS Quadrangle Topographical Map.pdf

**Environmental Justice**

Census Mapping.pdf

**Permits**

Correspondence with Local Floodplain Administrator.pdf

**Public Involvement**

District Website Posting of News Release.pdf

**Permits**

FEMA FIRM.pdf

**Public Involvement**

News Article - Akron Beacon Journal Ohio.com.pdf

News Article - Canton Repository CantonRep.com.pdf

Press Release.pdf

Public Comments Received.pdf

Response to Public Comments.pdf

**Underserved Populations**

Underserved Populations Documentation Form.pdf