



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

MAH Culverts FY2019 PID 106706

Environmental Document Level: C2

Approved: 1/3/2019

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 11, 2015, and executed by FHWA and ODOT.

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C2

PID:	106706
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Federal
Private Funding:	No

Project Description:

The Ohio Department of Transportation (ODOT) plans to improve U.S. Route (USR) 224 in Ellsworth Township, Mahoning County, Ohio. The project proposes to replace a single culvert, Structure No. MAH-224-5.70/Culvert File Number (CFN) 1974869, along USR 224 as follows:

MAH-224-5.70 (drainage conveyance): The project proposes to replace the existing deteriorated/deficient 18" reinforced concrete pipe carrying a drainage conveyance under USR 224. The existing structure will be removed and replaced with a 30" Type A conduit with half-height headwalls. Type C rock channel protection will be placed on the inlet side of the new structure to protect the structure from scour.

To eliminate the need for guardrail at this culvert location, the project proposes to enclose the abutting/adjacent ditch line on the north side of USR 224 through the installation of a 18" Type C conduit from Station 31+10.00 to Station 35+84.00, the installation of a 36" Type C conduit from Station 35+84.00 to Station 37+33.00 and the replacement of a 18/24" reinforced concrete pipe with a 36" Type C conduit from Station 37+33.00 to Station 40+59.09.

During project construction, a minimum of one lane of traffic in each direction shall be maintained at all times along USR 224, except when necessary to close USR 224 to vehicular traffic at Mile Market 5.70 for a maximum of five (5) consecutive days to replace the culvert. The official detour route for this closure will utilize State Route (SR) 534, SR 14, SR 165 and SR 45. Access shall be maintained to all adjacent properties, businesses, and intersecting side streets for the duration of the project. No substantial traffic disruptions are expected during project construction.

A total of 0.060 acre of new permanent warranty deed right-of-way and 0.122 acre of temporary easement right-of-way will be acquired from two (2) property owners to construct the project. Right-of-Way plans can be found in the Project File/General/Project Information subsection as Final Right-of-Way Plans.pdf.

Multiple overhead and underground utilities exist within the project study area. These include electric, gas and telecommunication utilities. At least one power service pole and its associated overhead power service wires are in conflict with the project and will be permanently relocated within the existing and/or proposed roadway right-of-way. The remaining gas and telecommunication utilities are not in conflict with the proposed improvements and will not be impacted during project construction. Utilities will not be permanently removed to construct the project.



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Based on the information contained in the RMR Form prepared for the project, further environmental site assessment or special materials management is not warranted for the project. See the RMR documentation for the project in the Project File/ESA Section.

This project will not impact any streams, wetlands, other waters of the U.S. or state, known populations of state or federally listed species or suitable habitat for federally listed species. Therefore, based on the information contained in the Level 1 Ecological Survey Report (ESR) prepared for the project, no further ecological coordination is required for the project. See the ecological documentation for the project in the Project File/Ecological Section.

ODOT-District 4 conducted various public involvement activities including a news release, District website posting, property owner notification letters and emergency/public service notifications. Public comments were not received as a result of the public involvement activities conducted for the project. All public involvement documentation can be found in the Project File/Public Involvement/Project Information subsection.

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 can be found in the Project File/General/Project Information subsection as Stage 3 Design.pdf.

The estimated project cost specified in Ellis agrees with the project funding specified in the ODOT Fiscal Year (FY) 2018-2021 Statewide Transportation Improvement Project (STIP) Statewide Line Item (SLI) Grouped Project Report as of 11/21/2018.

STIP Reference #

Statewide Line Item (SLI) Number 32
and is fiscally constrained.

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.



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Waterways:	Not Present
Endangered Species:	No Impacts to Protected Species and Critical Habitat
100-Year Floodplain:	No Encroachment Within a Special Flood Hazard Area (SFHA)
Section 4(f):	Not present
Section 6(f):	Not present
Cultural Resources:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	Minimum Potential to Cause Effect Appendix B
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	10/26/2018

Tribal Consultation Summary/Remarks:

The Miami Tribe of Oklahoma offers no objection to this project as they are not currently aware of existing documentation directly linking a specific Miami cultural or historic site to the project site. However, as this site is within the aboriginal homelands of the Miami Tribe, if any human remains or Native American cultural items falling under the Native American Graves Protection and Repatriation Act (NAGPRA) or archaeological evidence is discovered during any phase of this project, the Miami Tribe requests immediate consultation with the entity of jurisdiction for the location of discovery. See comments of the Miami Tribe of Oklahoma for the project in correspondence, dated December 18, 2018, in the Project File/Cultural Resources/Coordination subsection as Tribal Comments.pdf.

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.

Air Quality:	Studies Not Required
Air Quality - Coordination with OES:	No
Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	11/26/2018
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	11/23/2018
Phase I ESA Warranted Based on Coordination with OES:	No Further Studies Warranted
Farmland:	Non-Urbanized Area; No Impacts in Accordance With the Farmland MOU, 7 CFR 658, and ORC 929.05



Scenic Rivers

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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.

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

No



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Preparers and Approvals

Form Preparer

District 4
Contact: Edward Deley
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Supporting Form Preparer(s):

Matthew Chaney
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	1/3/2019



Appendix

General

Final Right of Way Plans.pdf

USGS Quadrangle Topographical Map.pdf

ESA

District Determination - No ESA Studies Required.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Tribal Comments.pdf

Ecological

OES Approval - No ODNR and USFWS Notification.pdf

Other Resources

Water Source Protection Area Map.pdf

Underserved Populations

Census Mapping.pdf

Underserved Populations Documentation Form.pdf

Public Involvement

District Website Posting.pdf

Emergency and Public Services Notification List.pdf

Emergency and Public Services Notification.pdf

Press Release.pdf

Property Owner Notification Letter - May 2018.pdf

Property Owner Notification Letter - November 2018.pdf

Public Notification Mailing List - November 2018.pdf

Public Notification Mailing List - May 2018.pdf

Permits

FEMA FIRM.pdf