



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

ATB Culverts FY2021 PID 106804

Environmental Document Level: C2

Approved: 1/14/2021

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

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PID: 106804
Project Sponsor: DISTRICT 4-PLANNING
ODOT District: 4
Funding Source: Federal
Private Funding: No

Project Description:

The Ohio Department of Transportation (ODOT) proposes to replace six (6) culverts that carry various state routes in Ashtabula County, as follows:

ATB-45-17.69: An existing 118-foot long, 36-inch corrugated metal pipe will be replaced with a proposed 118-foot long, 42-inch corrugated metal pipe under State Route (SR) 45 in Austinburg Township. The existing culvert, built in 1940, carries a small, unnamed tributary to Center Creek. A small, Category 1 wetlands is located on the downstream side. A 9-foot by 7-foot area of rock channel protection is proposed at the new corrugated metal pipe outlet. All construction will be conducted within the existing roadway right-of-way. Based on the Level 1 Ecological Survey Report (ESR), this proposed culvert replacement will permanently impact 135 feet of stream and 0.016 acre of wetlands. One lane of traffic will be maintained in each direction except for a period not to exceed 14 consecutive days when SR 45 will be closed with traffic detoured along U. S. Route 6, SR 534 and SR 307.

ATB-46-11.06: An existing 38-foot long, 6-foot by 4-foot concrete box culvert will be replaced with a proposed 38-foot long, 8-foot by 6-foot concrete culvert under SR 46 in Lenox Township. The existing culvert, built in 1923, carries intermittent non-jurisdictional drainage. Rock channel protection is proposed at the new culvert inlet/outlet. This culvert replacement is considered ecologically exempt under the Ecological MOA (Agreement 19394). All construction will be conducted within the existing roadway right-of-way. One lane of traffic will be maintained in each direction except for a period not to exceed 14 consecutive days when SR 46 will be closed with traffic detoured along U. S. Route 6, SR 534 and SR 307.

ATB-46-11.92: An existing 34-foot long, 6.5-foot by 3.5-foot stone slab top culvert will be replaced with a proposed 38-foot long, 8-foot by 5-foot concrete culvert under SR 46 in Lenox Township. The existing culvert, built in 1923, carries a small, unnamed tributary to Three Brothers Creek. A small, Category 1 wetlands is located on the downstream side. Rock channel protection is proposed at the new culvert inlet/outlet. All construction will be conducted within the existing roadway right-of-way. Based on the Level 1 Ecological Survey Report (ESR), this proposed culvert replacement will permanently impact 64 feet of stream and 0.022 acre of wetlands. One lane of traffic will be maintained in each direction except for a period not to exceed 21 consecutive days when SR 46 will be closed with traffic detoured along U. S. Route 6, SR 534 and SR 307.

ATB-6-28.03: An existing 42-foot, 9-inch-long, 6-foot by 3-foot concrete box culvert will be replaced with a proposed 52-foot long, 8-foot by 4-foot stone/slab top culvert under U. S. Route 6 in Richmond Township. The existing culvert, extended in 1933, carries a small, unnamed tributary to the West Branch of the Ashtabula River. A small, Category 1 wetlands is located on the downstream side. Rock channel protection is proposed at the new culvert inlet/outlet. A total of 0.048 acre of new permanent right-of-way is necessary from three properties to construct the proposed new culvert. Based on the Level 1 Ecological Survey Report (ESR), this proposed culvert replacement will permanently impact 70 feet of stream and 0.022 acre of wetlands. One lane



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of traffic will be maintained in each direction except for a period not to exceed 14 consecutive days when U. S. Route 6 will be closed with traffic detoured along SR 167, SR 193 and U. S. Route 6.

ATB-6-17.23: Existing twin 40-foot long, 42-inch by 60-inch corrugated metal pipes will be replaced with a proposed 54-foot long, 8-foot by 5-foot concrete culvert under U. S. Route 6 in Cherry Valley Township. The existing culverts, unknown built year, carry a small, unnamed tributary to Pymatuning Creek. Riprap is proposed to be placed at the new culvert inlet and rock channel protection placement is proposed at the new culvert outlet. A total of 0.062 acre of new permanent right-of-way is necessary from three properties to construct the proposed new culvert. Based on the Level 1 Ecological Survey Report (ESR), this proposed culvert replacement will permanently impact 79 feet of stream. One lane of traffic will be maintained in each direction except for a period not to exceed 14 consecutive days when U. S. Route 6 will be closed with traffic detoured along SR 11, U. S. Route 322 and SR 193.

ATB-7-0.90: An existing 32-foot long, 8-foot by 3-foot concrete box culvert will be replaced with a proposed 38-foot long, 8-foot by 4-foot concrete culvert under SR 7 in Williamsfield Township near the Ashtabula County/Trumbull County Line. The existing culvert, built in 1922 and extended in 1960, carries flow from non-jurisdictional agricultural tile field drainage. Rock channel protection is proposed at the new culvert inlet/outlet. This culvert replacement is considered ecologically exempt under the Ecological MOA (Agreement 19394). All construction will be conducted within the existing roadway right-of-way. One lane of traffic will be maintained in each direction except for a period not to exceed 21 consecutive days when SR 7 will be closed with traffic detoured along SR 87, SR 193 and U. S. Route 322.

See the Level 1 ESRs and the Ecological Exempt documentation for the project in the Project File/Ecological/Reports subsection.

Construction and roadway closures/detour information will be posted within the project limits prior to the start of construction. Access shall be maintained to all adjacent properties, businesses and intersecting side streets for the duration of the project. Substantial traffic disruptions are not expected during project construction. Existing utilities within the project study areas will not be impacted/relocated to construct the project.

A Section 106 Scoping Request and Cultural Resources Records Check for the project were submitted to ODOT Office of Environmental Services (OES) for review. Upon review, ODOT OES stated there are no inventoried buildings (OHI), no known archaeological sites (OAI) and no listed or eligible historic properties found in the project areas or in the areas of potential effects (APE). The existing culverts are small corrugated steel pipe culverts, concrete box culverts and concrete slab-top culverts constructed during the second quarter and third quarter of the 20th century. Culverts and underdrains made of modern materials are not considered eligible for the National Register (N.R.) based on the 2009 Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). Non-historic culvert replacements and general highway maintenance activities are exempt from further cultural resource consideration by the 11/8/2017 Cultural Resource PA (Agreement 19319), if the project is not within the boundaries of any N.R. property or historic district. In accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, ODOT OES 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 material management are not warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports subsection.

ODOT District 4 Environmental Section personnel reviewed the FEMA FIRMs for the project study areas and determined the project is located within Areas of Minimal Flood Hazard/Zone X. The project will not impact a special flood hazard area. See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection.

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



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ODOT District 4 conducted various public involvement activities, including a project notification flyer mailed to affected property owners and emergency/public services, a news release and ODOT website posting. Comments were requested by all of the public involvement activities conducted for the project. ODOT District 4 did not receive any comments as a result of the public involvement activities conducted for the project. See the public involvement documentation for the project 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 is included in the Project File/General/Project Information subsection as Stage 3 Design.pdf.

The estimated total project cost specified in Ellis is 1.64% 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.

STIP Reference #:

106804: 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

Waterways Permit Type:

Permit Determination and/or Permit Application Approval Pending

Isolated Wetland Permit

No

Endangered Species:

Present; No finding of May Affect, Likely to Adversely Affect

Endangered Species - Coordination

No Effect



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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	01/11/2021
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.	
Air Quality:	Studies Not Required
Air Quality - Coordination with OES:	No
Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	12/11/2020
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	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
Robert Lang

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	1/14/2021



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Ecological

Ecological Exempt Documentation.pdf

OES Approval - No ODNR and USFWS Notification.pdf

Response to Agency Comments.pdf

Public Involvement

Press Release.pdf

Public and Stakeholder Notification Flyer.pdf

Public and Stakeholder Notification Mailing List.pdf

Website Posting.pdf