



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

POR/STA Culverts FY2023 PID 106200

Environmental Document Level: C2

Approved: 10/17/2022

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

PID:	106200
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Non-Federal
Does this project require a Federal permit or approval?	Yes
Private Funding:	No
Project Description:	

The Ohio Department of Transportation (ODOT) proposes to replace six (6) culvert and storm drainage structures located in Portage and Stark Counties. Proposed structure location information and work are summarized below.

1. POR-14-28.48/Culvert File Number (CFN) 1867561 - Replace 84-foot long 24-inch CMP with new 84-foot long 30-inch CMP cross culvert with new catch basin inlet, half-height concrete outlet headwall and new outlet rock channel protection (RCP).
2. POR-44-15.33/CFN 1867576 - Replace 41-foot long 3-foot by 3-foot concrete box culvert with new 63-foot long 36-inch cross culvert with half-height concrete headwall and riprap at the new structure inlet and RCP at the outlet
3. POR-44-23.49/CFN 180929 - Replace the existing 40-foot long 36-inch by 42-inch concrete box culvert and associated 30-inch corrugated plastic pipe (CPP) with 36-inch cross culvert with half-height concrete headwalls, riprap inlet and RCP outlet
4. POR-700-4.01/CFN 1847098 - Replace the existing 52-foot long 30-inch reinforced concrete pipe (RCP) cross culvert and associated inlet catch basins and 12-inch and 30-inch conduits with equivalent new catch basins and conduits, and an extended cross culvert with new outlet half-height concrete headwall and RCP
5. STA-172-0.25/CFN 1988892/1932237/1988888 - Replace the existing 36-foot long 15-inch vitrified clay/catch basin storm drainage system with installation of a new concrete basin structure inlet and 15-inch cross conduit.
6. STA-241-11.75/No CFN - Replace the existing enclosed storm drainage system that includes various smaller diameter conduits and catch basins with a CPP outfall.

This project also proposes guardrail replacement, full depth pavement repairs, new center/edge/other pavement marking applications and new structure identification and sign replacement within the project construction limits. Mapping that depicts the project on United States Geological survey (USGS) 7.5-minute topographic quadrangle maps is included in the Project File/General/Project Information subsection as *USGS Quadrangle Topographical Map.pdf*. A minimum of one bi-directional lane will be maintained on existing pavement at each structure location with the exception of one 14-day closure required at each location to construct the project. Structure location closure and detour information is summarized below:

1. POR-14-28.48/Detour route will be posted utilizing US Route 224 and State Route (SR) 534;
2. POR-44-15.33/Detour route will be posted utilizing SR 14, SR 88, SR 700 and SR 303;
3. POR-44-23.49/Detour route will be posted utilizing SR 303, SR 700 and SR 82;
4. POR-700-4.01/Detour route will be posted utilizing SR 303, SR 88 and SR 82;
5. STA-172-0.25/Detour route will be posted utilizing US Route 30, SR 241 and SR 21; and
6. STA-241-11.75/Detour route will be posted utilizing SR 172, Interstate Route (IR) 77 and SR 687.

Construction, culvert/road closure and detour information will be posted at each location prior to the start of project construction. Access shall be maintained to all adjacent properties, businesses and intersecting side streets during



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project construction. Substantial traffic disruptions are not expected to construct the project. All proposed construction activities will be conducted within the existing roadway rights-of-way at the STA-172-0.25 storm drainage structure location. The project will acquire new permanent and/or temporary rights-of-way at the following structure locations:

1. POR-14-28.48/0.017-acre of new permanent right-of-way from 2 parcels;
2. POR-44-15.33/0.0269-acre of new permanent right-of-way from 2 parcels;
3. POR-44-23.49/0.0842-acre of new permanent right-of-way from 3 parcels;
4. POR-700-4.01/0.0317-acre of new permanent right-of-way from 1 parcel; and
5. STA-241-11.75 /0.1107-acre of new permanent right-of-way from 2 parcels and 0.0021-acre of temporary right-of-way from 1 parcel.

See the right-of-way plans for the project in the Project File/General/Project Information subsection.

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/proposed new roadway rights-of-way. Utilities will not be permanently removed to construct the project. Coordination with the utility companies affected by the proposed construction activities was conducted for the project during its preliminary engineering phase and will continue during its detailed design phase.

The undertaking is limited to six culvert/drainage system replacements at scattered highway locations in Portage (SR14, SR44, and SR700) and Stark (SR172 and SR 241) Counties, Ohio. The structures include only modern corrugated steel pipes (POR-14-28.48 and STA-241-11.75), concrete box culverts (POR-44-15.33/23.49), concrete pipe culverts (POR-700-4.01 and STA-241-11.75), and clay tile structures (STA-172-0.25 and STA-241-11.75). Installations activities will focus on the existing operational right-of-way. Temporary access, the placement of rock channel protection, and the installation of new catch basins and manholes will require a minor amount of new or additional right-of-way at certain culvert sites. No buildings will be removed by the project and no relocations will be required. The literature search determined there are no inventoried buildings (OHI) and no identified archaeological sites (OAI) in the project area. The four culverts and two drainage systems are all limited to modern materials including corrugated steel, clay tile, and concrete structures. Furthermore, no listed or eligible historic properties found in any of the proposed construction areas. The replacement of culverts composed of modern materials including plastic, steel, and concrete are exempt from further cultural resource consideration by the August 29, 2012 State Funded Project Letter Agreement (No. 17075), if the project is not within the boundaries of any historic property or N. R. district. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the Cultural Resources Tab.

A Regulated Materials Review (RMR) Form was 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 and Coordination subsections.

The project proposes to impact a total of 264 linear feet of stream channel (6 streams) at five (5) structure locations and eliminate a total of 0.04-acre of jurisdictional wetlands and 0.002-acre of potentially jurisdictional ditches at two (2) structure locations. All proposed stream, wetlands and jurisdictional ditch impacts are associated with proposed culvert replacement and maintenance operations. See the stream, wetlands and jurisdictional ditch information for the project in the Level 1 Ecological Survey Reports and agency coordination documentation in the Project File/Ecological/Reports and Coordination subsections.

The project also proposes to remove a total of approximately 0.07-acre of suitable wooded habitat (SWH) for the federally-listed Indiana Bat (*Myotis sodalis*) and/or Northern Long-eared Bat (*Myotis septentrionalis*) and state-listed Little Brown Bat (*Myotis lucifugus*) and/or Tri-colored Bat (*Perimyotis subflavus*) species at three (3) structure locations. See the threatened and endangered species information for the project in the Level 1 Ecological Survey Reports and agency coordination documentation in the Project File/Ecological/Reports and Coordination subsections. ODOT District 4 Environmental Section personnel reviewed the FEMA FIRMs for the project and determined the project does not encroach within mapped special flood hazard areas (SFHAs). 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.

ODOT District 4 conducted various public involvement activities for the project, including a news release, website posting, project maintenance of traffic/schedule information electronic mailed to local emergency/public services in the project vicinity and project notification letters mailed to affected/abutting property owners. Project comments were requested with all public involvement activities.

Comments/maintenance of traffic notification request and a roadway runoff and storm drainage complaint were received from property owners at the STA-241-11.75 storm drainage system location. ODOT District 4 responded to



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the received comments/requests for the project. See the public involvement documentation, including the received comments and responses to comments, 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 and final Right-of-Way plans for the project. Stage 3 Design and final right-of-way plan information for the project is included in the Project File/General/Project Information subsection.

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 #:

106200: 21-24 STIP/SLI Group Project. Fiscal constraint is at SLI Group level.

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; 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.)***

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 right-of-way
2. b. Residential or non-residential displacements
3. c. A Coast Guard, Individual Section 404 and/or a Section 10 permit
4. d. A Section 106 finding of *Adverse Effect*
5. e. A Section 4(f) Programmatic or Individual Evaluation
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. 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



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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
Will any wetlands be impacted?	Yes
Endangered Species:	Present; No finding of May Affect, Likely to Adversely Affect
Endangered Species - Coordination	May Affect, Not Likely to Adversely Affect
Endangered Species - Coordination Date	08/31/2021
Endangered Species - Critical Habitat Present/Impacted	
Indiana bat	
Northern long-eared bat	
Endangered Species - Other Critical Habitat Present/Impacted:	No
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:	ORC 149.53 Appendix B
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	04/27/2022
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: 04/27/2022

Phase I ESA Warranted Based on Coordination with OES: No Further Studies Warranted

Farmland: Urbanized Area; No Impacts in Accordance With the Farmland MOU and 7 CFR 658

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 Present; No UPIAR Required, Does Not Exceed UP Guidance Criteria, and No Issues Raised During Public Involvement

Identified Underserved Populations

Census Block Group #	% Minority	% Low Income	% Older Adults	% Limited English Proficiency (LEP)
391336019022	0	33	16	0
391336011001	4	31	17	0
391336002001	1	24	23	0
391336001022	3	12	25	0
391517147023	2	26	19	0
391517114023	0	23	14	0
391517114123	10	5	36	0

Underserved Populations Remarks

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations or disparate impacts to a Title VI population. No concerns related to impacts on Environmental Justice or Title VI populations 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, FHWA Order 6640.23A and Title VI of the Civil Rights Act of 1964, no further analysis is required. See underserved population documentation for the project in the Project File/Underserved Populations/Project Information subsection.

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

Environmental Commitments Yes



Ecological

Wetlands

ESR Name:	Wetland ID:	Hydrologic connection:	Wetland category:	Estimated total size (ac.):	Total estimated impact area by alternative (ac.):
POR-44-15.33	Wetland B	Adjacent	Category 3	150	0.03
POR-SR 44-23.49	Wetland A	Adjacent	Modified Category 2	0.20	0.01

Has an Approved and/or Preliminary Jurisdictional Determination been made by the USACE? No

Total impact to all wetlands (ac.): 0.04

Total acres of non-isolated wetlands impacted: 0.04

Total acres of isolated wetlands impacted: 0

In accordance with Executive Order 11990 - USDOT Order 5660.1A, this Wetland Finding has been prepared to document that wetlands have been avoided to the extent possible to minimize the long and short term adverse impacts associated with the destruction or modification of wetlands, and to document that there are no practicable alternatives to avoid construction in wetlands.

An analysis of the 'Do Nothing' alternative indicates that it is not practicable because (check all that apply):

It Would Not Correct Existing Condition and Maintenance Problems.

An analysis of improvements that avoid all wetland impacts indicates that they are not practicable because (check all that apply):

They Will Not Meet the Identified Needs of the Project.

Include justification supporting the decisions noted above:

The No Build alternative does not meet the project's Purpose & Need to improve deteriorated and deficient structure conditions. The project footprint has been reduced to the maximum extent practicable. Implementation of additional measures to further reduce the impact footprint is not feasible or warranted based on: the purpose and need of the project; the location of the aquatic resource relative to the project location; and the overall minor impacts of the project as currently designed.

All practicable measures have been considered and incorporated into the project design to avoid, minimize, wetland impacts. The wetland impact minimization measures that will be followed for the



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project are documented in the environmental commitments for the project. Wetland mitigation for unavoidable impacts will be provided if required by the Clean Water Act or Ohio isolated wetland law, as regulated by the US Army Corps of Engineers and Ohio EPA regulations (33 CFR parts 325 and 332 and 40 CFR part 230, and OAC 3745-01-54), and (ORC 6111.027). No practicable alternatives exist for the proposed construction in wetlands, and the proposed action includes all practicable measures to minimize harm to the wetlands that may result from such use.

Remarks:

See wetlands and other ecological resource impact information in ecological reports and agency coordination provided in the project File/Ecological/Reports and Coordination subsections.



Environmental Commitments

C2

1) The project designer shall incorporate the following note into the plans: ENDANGERED BAT HABITAT REMOVAL - POR-14-2848, POR-44-2349 AND STA-241-1175 CULVERT LOCATIONS - THE 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 AT THE POR-14-2848, POR-44-2349 AND STA-241-1175 CULVERT LOCATIONS FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR AT THE ABOVE LISTED CULVERT LOCATIONS 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 PURPOSES 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.

2) Additional maintenance of traffic and drainage design information will be submitted to individuals in response to public comments received for the project.



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Preparers and Approvals

Form Preparer

District 4
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Supporting Form Preparer(s):

Brian Peck
Michael Palagano

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	10/17/2022



Appendix

General

Aerial Map - POR-14-28.48.pdf

Aerial Map - POR-44-15.33.pdf

Aerial Map - POR-44-23.49.pdf

Aerial Map - POR-700-4.01 .pdf

Aerial Map - STA-172-0.25.pdf

Aerial Map - STA-241-11.75.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

ESA

OES Recommendations - RMR Screening.pdf

Cultural Resources

Buckeye Assets Mapping.pdf

ORC 149.53 Appendix B

Records Check.pdf

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Underserved Populations

Census Mapping.pdf

Public Involvement

Press Release Information - Website Posting Snap Shot.pdf

Press Release.pdf

Property Owner Notification Letter.pdf

Property Owner Notification Mailing List.pdf

Public and Emergency Services Notification List.pdf

Public and Emergency Services Notification.pdf

Right of Entry Letter 4-20-2022.pdf

Right of Entry Letter 6-28-2022.pdf



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Website Snap Shot.pdf

Permits

FEMA FIRM.pdf