



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **D04 Culverts FY2022 PID 106199**

**Environmental Document Level: C2**

**Approved: 2/14/2022**

**Prepared By: District 4**

**Edward Deley**  
**Phone: 330-786-4930**  
**E-mail: [Edward.Deley@dot.ohio.gov](mailto:Edward.Deley@dot.ohio.gov)**

*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.*

# Table of Contents

C2.....	3
Ecological.....	8
Environmental Commitments.....	10
Preparers and Approvals.....	11
Appendix.....	13



## Environmental Document Level: C2

PID 106199 D04 Culverts FY2022

Approved: 2/14/2022

### C2

<b>PID:</b>	106199
<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 perform maintenance on ten (10) culvert structures located in Ashtabula, Mahoning, Portage, Stark, Summit and Trumbull Counties. Proposed structure location information and work are summarized below.

1. MAH-14-0872/Culvert File Number (CFN) 1978616 - State Route (SR) 14, approximately 0.9 mile west of Egypt Road in Green Township, Mahoning County. Cleanout, repair and field pave the invert of an existing 188-foot long, 72-inch conduit with concrete.
2. SUM-21-0546/CFN 770210440 - SR 21, approximately 0.25 mile south of Stimson Road in Copley Township, Summit County. Cleanout, repair and apply a new structural liner to the existing 158-foot long, 42-inch conduit structure.
3. TRU-82-1665/CFN 7780822150 - Eastbound SR 82, approximately 0.10 mile west (north) of E. Market Street in Howland Township, Trumbull County. Replace an existing 253-foot long, 36-inch corrugated metal pipe culvert. The proposed new 252-foot long, 36-inch conduit will be jacked or bored under the eastbound SR 82 lanes and the eastbound SR 82 exit ramp to E. Market Street. New inlet and outlet half-height concrete headwall will be installed along with new rock channel protection (RCP) at the conduit outlet. Once the proposed new conduit is installed, the existing TRU-82-1665 culvert will be plugged and filled with concrete.
4. POR-303-1936/CFN 673030760 - SR 303, approximately 0.15 mile east of Horn Road in the village of Windham and Windham Township, Portage County. Replace the existing twin 36-inch corrugated metal pipes with a new 62-foot long, 34-inch by 53-inch elliptical cross culvert with half-height concrete headwalls.
5. TRU-305-0916/CFN 783050390 - SR 305, approximately 0.5 mile east of State Route 45 in the Champion Township, Trumbull County. Replace the existing 58-foot long, 63-inch by 87-inch culvert with a new 56-foot long, 53-inch by 83-inch cross culvert with full-height concrete headwalls.
6. ATB-MR-547-0038/Structure File Number 0462802 - N. Poplar Street between SR 307/W. Beech Street and Walnut Street in the village of Jefferson, Ashtabula County. Cleanout, repair and field pave the inverts of existing twin 236-foot long, 108-inch corrugated metal pipes (CMPs) and install new RCP at the structure outlet.
7. ATB-20-1627/CFN 040200380 - U. S. Route 20 between Sill Road and Carterland Drive in Ashtabula Township, Ashtabula County. Replace an existing 78-foot long, 60-inch by 48-inch slab top box culvert with a new 95-foot long, 53-inch by 83-inch elliptical cross culvert with half-height concrete headwalls with new RCP at the structure outlet.
8. STA-93-1042/CFN 760930280 - SR 93, immediately north of Sinclair Street in Tuscarawas Township, Stark County. Replace the existing 45-foot long, 48-inch box culvert with a new 54-foot long, 60-inch aluminized cross culvert with new concrete headwalls with new RCP at the structure inlet and outlet.
9. STA-241-1216/CFN 762410150 - SR 241 between Stuhldreher Street NE and Oakdale Street NW in Jackson Township, Stark County. Replace the existing 51-foot long structure (32-inch x 28-inch stone box with 42-inch CPM extensions) with a new 59-foot long, 36-inch cross culvert with catch basin inlet and a half-height concrete headwall with new RCP at the structure outlet.
10. TRU-7-1406/CFN 780070260 - SR 7, approximately 0.2 mile north of Five Points Hartford Road in Hartford Township, Trumbull County. Replace the existing 50-foot long, 54-inch CMP with a new 58-foot long, 54-inch cross culvert with half-height concrete headwalls and new RCP at the structure outlet.

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.



## Environmental Document Level: C2

PID 106199 D04 Culverts FY2022

Approved: 2/14/2022

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 the MAH-14-0872, SUM-21-0546, TRU-82-1665 and ATB-MR-547-0038 structure locations during project construction.

A minimum of one bi-directional lane will be maintained on existing pavement at the POR-303-1936, TRU-305-0916, ATB-20-1627, STA-93-1042 and STA-241-1216 structure locations with the exception one closure at each location needed to construct the project. Structure location closure and detour information is summarized below.

- POR-303-1936 - SR 303 will be closed between Horn Road and Snow Road for a maximum duration of 14 consecutive days. A detour route will be posted for SR 303 utilizing SR 88 and SR 82.
- TRU-305-0916 - SR 305 will be closed between SR 45 and Shafer Road for a maximum duration of 14 consecutive days. A Detour route will be posted for SR 305 utilizing SR 45 and SR 5.
- ATB-20-1627 - U. S. Route 20 will be closed between Sill Road and Carterland Drive for a maximum duration of 28 consecutive days. A detour route will be posted for U.S. Route 20 utilizing SR 11, SR 84 and SR 193.
- STA-93-1042 - SR 93 will be closed between Sinclair Street and Kimmens Road for a maximum duration of 14 consecutive days. A detour route will be posted utilizing SR 172, Interstate Route (IR) 77 and SR 687.
- STA-241-1216 - SR 241 will be closed between Stuhldreher Street NE and Oakdale Street NW for a maximum duration of 14 consecutive days. A detour route will be posted utilizing SR 172, 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 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 and structure easement areas at the following locations: MAH-14-0872; SUM-21-0546; TRU-82-1665; POR-303-1936; TRU-305-0916; and ATB-MR-547-0038 (SFN: 0462802)

The project will acquire new permanent right-of-way at the following structure locations:

- ATB-20-1627/0.053-acre of new permanent right-of-way from two parcels
- STA-93-1042/0.057-acre of new permanent right-of-way from one parcel
- STA-241-1216/0.02-acre of new permanent right-of-way from one parcel
- TRU-7-1406/0.053-acre of new permanent right-of-way from two parcels

To construct the project, a total of 0.183-acre of new permanent rights-of-way will be acquired from six parcels at four structure locations. 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 will complete structure preservation efforts at ten locations in six northeastern Ohio counties (i.e. Ashtabula, Mahoning, Portage, Stark, Summit, and Trumbull). The overall project will not involve any buildings and no relocations will be required. There are no inventoried buildings (OHI), no known archaeological sites (OAI), and no listed or eligible historic properties found at any of the work locations or the area of potential effects (APE). Non-historic bridge maintenance, culvert maintenance, and culvert replacements are exempt from further cultural resource consideration by the 11/8/17 Cultural Resource PA (Agreement 19319), if the project is not within the boundaries of any National Register 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 Office of Environmental Services (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. See continuation of the project description in the Project File/General/Project Information subsection as *Project Description Continued.pdf*.

**STIP Reference #:**

106199: 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 -**

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 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>Will any wetlands be impacted?</b>	Yes
<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>	09/13/2021
<b>Endangered Species - Critical Habitat Present/Impacted</b>	
Indiana bat	



**Environmental Document Level: C2**

PID 106199 D04 Culverts FY2022

Approved: 2/14/2022

Northern long-eared bat

**Endangered Species - Other Critical Habitat Present/Impacted:** No

**100-Year Floodplain:** Encroachment Within the SFHA is a Functionally Dependent Use

**EO 11988/NFIP Coordination and Documentation Completed:** Yes

**NFIP Local Floodplain Coordinator Notification Date:** 11/10/2021

**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** 08/06/2021

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:** 01/06/2022

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



**Environmental Document Level: C2**

PID 106199 D04 Culverts FY2022

Approved: 2/14/2022

**Identified Underserved Populations**

<b>Census Block Group #</b>	<b>% Minority</b>	<b>% Low Income</b>	<b>% Older Adults</b>	<b>% Limited English Proficiency (LEP)</b>
390998134003	7	37	13	0
391535335022	7	12	20	0
391559214003	2	19	35	2
391336006032	5	28	18	0
391559308004	2	32	26	0
390070011022	5	28	28	0
390070003001	12	34	21	1
391517147012	1	12	19	0
391517114123	10	21	16	0
391559301023	6	13	21	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.):
ATB-20-16.26	Wetland D	Adjacent	Category 1	0.5	0.013
	Wetland E	Adjacent	Modified Category 2	0.25	0.014
ATB-MR-547-0.382	Wetland F	Adjacent	Modified Category 2	0.05	0
POR-303-19.36	Wetland G	Adjacent	Category 1	0.05	0.00
	Wetland H	Adjacent	Modified Category 2	0.5	0.07
SUM-21-5.46	Wetland I	Adjacent	Category 1	0.4	0.00
TRU-82-16.65	Wetland J-1	Adjacent	Modified Category 2	2.5	0.07

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

Total impact to all wetlands (ac.): 0.167

Total acres of non-isolated wetlands impacted: 0.167

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.

It Would Result in Serious Impacts to the Traveling Public and the General Welfare of the Economy in the Area.

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

They Will Substantially Increase Project Costs.

They Will Result in Unique Engineering, Traffic, Maintenance, or Safety Problems.



**Environmental Document Level: C2**

PID 106199 D04 Culverts FY2022

Approved: 2/14/2022

They Will Not Meet the Identified Needs of the Project.

**Include justification supporting the decisions noted above:**

Construction of alternative cross culvert structures will result in a substantive increase in stream and wetlands impacts, right-of-way impacts and project cost. The No Build alternative does not meet the project's Purpose & Need to address ten (10) existing deteriorated culvert structures.

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 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 is located within a FEMA flood zone. The project designer shall design the project to comply with all applicable Local, State, and Federal floodplain protection standards, and, if required, obtain appropriate floodplain permitting prior to the start of project construction.
- 2) The project may result in removal of suitable wooded habitat for threatened and endangered bat species. The project designer shall incorporate following note into the plans to address tree cutting proposed at the following structure locations: MAH-14-0872 (CFN: 1978616), SUM-21-0546 (CFN: 770210440), TRU-82-1665 (CFN: 7780822150), ATB-MR-547-0038 (SFN: 0462802) and ATB-20-1627 (CFN: 040200380).

#### ENDANGERED SPECIES HABITAT - INDIANA BAT/NORTHERN LONG-EARED BAT

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 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 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.

3) Laskin Waste Oil Service/Laskin Poplar Oil, located immediately southwest of the ATB-MR-547-0038 culvert location, is a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) hazardous waste site under the jurisdiction of the Ohio Environmental Protection Agency (OEPA) and U.S. Environmental Protection Agency (USEPA). Documentation obtained from Ohio EPA's Edoc system identifies property remediation directed by USEPA that includes the following: hazardous materials encapsulation on the property; groundwater collection around the encapsulated area to alter groundwater flow off site to the nearby creek thereby preventing contamination of the creek; and surface water monitoring/sampling for potential releases from the encapsulated area. In addition, there is a potential that the encapsulated area's slope is slumping toward the creek and the nearby ATB-MR-547-0038 culvert structure.

The following environmental commitment has been established for the project: Further project coordination shall be conducted with OEPA and USEPA. The project designer shall incorporate plan notes in the final construction plan to ensure worker safety, minimize potential for a release from the Laskin Waste Oil Service/Laskin Poplar Oil site to the stream, and ensure the project maintains slope stability in proximity of the Laskin Waste Oil Service/Laskin Poplar Oil property. The project shall obtain agency and/or ODOT Office of Environmental Services concurrence for the project design, plan notes and anticipated construction operations prior to project construction.



**Environmental Document Level: C2**

PID 106199 D04 Culverts FY2022

Approved: 2/14/2022

### **Preparers and Approvals**

**Form Preparer**

District 4  
Contact: Edward Deley  
330-786-4930  
Edward.Deley@dot.ohio.gov

**Supporting Form Preparer(s):**

Brian Peck  
Matthew Chaney

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	2/14/2022



## Appendix

### General

County Map.pdf

Final Right of Way Plans.pdf

Project Description Continued.pdf

USGS Quadrangle Topographical Map.pdf

### ESA

Commitment Approval ATB-MR-547-0038.pdf

OES Recommendations - Screening Part 1.pdf

OES Recommendations - Screening Part 2.pdf

### Cultural Resources

Buckeye Assets Mapping.pdf

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

### Ecological

ODNR Scenic River MOA Conditions

OES Approval - No ODNR and USFWS Notification STA-93-10.42.pdf

USFWS/ODNR Ecological MOA Conditions

### Underserved Populations

Census Mapping.pdf

Underserved Populations Documentation Form.pdf

### Public Involvement

Local Public and Emergency Services Notification List.pdf

Press Release.pdf

Project Website Snap Shot 10-26-2021.pdf

Property Owner Notification Letter - ATB-20-1627 .pdf

Property Owner Notification Letter - ATB-20-1627 ROW Take.pdf

Property Owner Notification Letter - ATB-MR-547-0038 .pdf

Property Owner Notification Letter - MAH-14-0872.pdf

Property Owner Notification Letter - POR-303-1936 .pdf



**Environmental Document Level: C2**

PID 106199 D04 Culverts FY2022

Approved: 2/14/2022

Property Owner Notification Letter - STA-241-1216.pdf

Property Owner Notification Letter - STA-93-1042 .pdf

Property Owner Notification Letter - STA-93-1042 ROW Take.pdf

Property Owner Notification Letter - TRU-305-0916 .pdf

Property Owner Notification Letter - TRU-7-1406 ROW Take.pdf

Property Owner Notification Letter - TRU-7-1406.pdf

Property Owner Notification Letter Mailing List.pdf

Public Comments Received.pdf

Public and Emergency Services Notification Ashtabula County.pdf

Public and Emergency Services Notification Mahoning County.pdf

Public and Emergency Services Notification Portage County.pdf

Public and Emergency Services Notification Stark County.pdf

Public and Emergency Services Notification Summit County.pdf

Public and Emergency Services Notification Trumbull County.pdf

Response to Public Comments.pdf

Right of Entry Information Request.pdf

**Permits**

FEMA FIRM.pdf

Floodplain - District Determination Request.pdf