



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

ATB 322/45 03.99/17.34 PID 104661

Environmental Document Level: C2

Approved: 12/17/2018

Prepared By: District 4

**Edward Deley
Phone: 330-786-4930
E-mail: 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 11, 2015, and executed by FHWA and ODOT.

Table of Contents

C2.....	3
Environmental Commitments.....	7
Preparers and Approvals.....	9
Appendix.....	10



C2

PID:	104661
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) 322 and State Route (SR) 45 in Austinburg and Windsor Townships and the village of Orwell, Ashtabula County. The project proposes to replace two (2) culverts, Structure No. ATB-322-3.99/Structure File Number (SFN) 0406155 and Structure No. ATB-322-7.19/SFN 0406309 and perform minor maintenance on Structure No. ATB-45-17.34/SFN 0402524 as follows:

ATB-322-3.99: Replace the existing deteriorated/deficient 7' x 5' corrugated metal pipe that conveys an unnamed tributary to Hoskins Creek under USR 322 with a 16' x 6' Type A reinforced concrete box culvert with full-height headwalls. Type B rock channel protection (RCP) will be placed on the inlet/outlet sides of the new structure to protect the structure from scour.

ATB-322-7.19: Replace the existing deteriorated/deficient 10' x 4' concrete box culvert that conveys an unnamed tributary to Grand River under USR 322 with a 10' x 4' Type A reinforced concrete box culvert with a half-height headwall on the outlet side. Type B RCP will be placed on the outlet side of the new structure to protect the structure from scour.

ATB-45-17.34 over Center Creek: Remove the existing asphalt wearing surface and replace it with a new fiber reinforced concrete overlay, replace the existing drip strip with a new drip strip, repair damaged railing on both sides of the structure, remove spalled areas from the bottom of the bridge deck floor, repair slope protection, seal spalled areas of the bridge deck floor with epoxy-urethane, patch all unsound areas of the substructure, seal all exposed concrete surfaces, wing walls, abutments, pier caps and deck edges with epoxy-urethane, encase all existing pier piles, clear/grub vegetation within 15' of the structure and install new structure identification signs.

During project construction, a minimum of one ten-foot lane in each direction shall be maintained at all times along USR 322, except when necessary to close USR 322 at Mile Markers 3.99 and 7.19 for a maximum of fourteen (14) consecutive days at each location to replace the culverts. The detour for these closures will utilize SR 534, USR 6 and SR 46 and these closures shall not occur simultaneously. Additionally, a minimum of one ten-foot lane in each direction shall be maintained at all times along SR 45, except when necessary to close SR 45 at Mile Marker 17.34 for a maximum of five (5) consecutive days to perform the proposed maintenance activities. The detour for this closure will utilize USR 6, SR 534 and SR 307. Access shall be



Approved: 12/17/2018

maintained to all adjacent properties, businesses and intersecting sides streets during project construction. Substantial traffic disruptions are not expected during project construction.

A total of 0.011 acre of new permanent right-of-way and 0.004 acre of temporary right-of-way will be acquired from one (1) property to replace the ATB-322-7.19 culvert. Right-of-Way plans for the project are in the Project File/General/Project Information subsection as Final Right-of-Way Plans.pdf. The proposed improvements at ATB-322-3.99 and ATB-45-17.34 will be constructed within the existing roadway rights-of-way.

Existing electric, gas, water, sanitary sewer and telecommunications utilities were identified within the project study areas. The water and sanitary sewer utilities at ATB-322-7.19 conflict with the proposed improvements and will be permanently relocated within the existing and/or proposed roadway right-of-way. The remaining electric, gas and telecommunications utilities do not conflict with the proposed improvements and will not be impacted during project construction. Utilities will not be permanently removed to construct the project. Existing utilities within the ATB-322-3.99 and ATB-45-17.34 study areas will not be impacted/relocated to construct the project.

A Regulated Materials Review (RMR) Form was completed for the project. Based on review of the RMR documentation, a petroleum contaminated soils (PCS) plan note is recommended for incorporation into the plans for the north side of the ATB-322-7.19 culvert from Sta. 390+5.00 to Sta. 391+57.00. See the RMR documentation for the project in the Project File/ESA section.

A total of 198 linear feet of stream impacts will occur below the Ordinary High Water Mark (OHWM) elevations of three (3) streams at ATB-322-3.99, ATB-322-7.19 and ATB-45-17.34 to construct the project. See the stream impact explanation in the Permit Determination Request in the Project File/Permits/Waterways subsection as Permit Determination Request.pdf.

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

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

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



Approved: 12/17/2018

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
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:	05/16/2018
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	07/02/2018

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:	11/19/2018



Environmental Document Level: C2
PID 104661 ATB 322/45 03.99/17.34

Approved: 12/17/2018

Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	06/14/2018
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	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	Yes



Environmental Commitments

C2

1) The project Designer shall incorporate the following note into the plans: WATERWAY PERMIT COMPLIANCE: ODOT WILL OBTAIN ALL NECESSARY WATERWAY PERMITS PRIOR TO PROJECT CONSTRUCTION. THE CONTRACTOR IS NOT AUTHORIZED TO PLACE ANY FILL OR WORK WITHIN ANY WATERWAY BELOW THE ORDINARY HIGH WATER MARK DURING CONSTRUCTION UNTIL THE PERMIT(S) ARE OBTAINED.

2) The project designer shall incorporate the following note into the plans: PAINTING AND SEALING OPERATIONS: THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EPOXY-URETHANE SEALER, PAINT, OR OTHER STRUCTURAL MATERIALS USED TO REPAIR, CLEAN, SEAL, OR TREAT ANY BRIDGE STRUCTURE FROM ENTERING ANY STREAMS, WETLANDS OR OTHER WATERS OF THE UNITED STATES AND TAKE THE APPROPRIATE ACTIONS IN THE EVENT OF A RELEASE. THE CONTRACTOR SHALL LIMIT THE AMOUNT OF OPEN CONCRETE SEALER TO THE EXTENT PRACTICABLE TO PERFORM THE REQUIRED WORK. DISCARDED CONTAINERS SHALL BE REMOVED FROM THE VICINITY OF THESE WATERS AND UNDER NO CIRCUMSTANCES SHALL ANY SEALER BE STORED WITHIN THE 100-YEAR FLOOD PLAIN OF ANY STREAMS, ETC.



Approved: 12/17/2018

3) The project designer shall incorporate the following note into the plans: ITEM SPECIAL - PETROLEUM CONTAMINATED SOILS: ENVIRONMENTAL STUDIES INDICATE THAT PETROLEUM CONTAMINATED SOILS WILL BE ENCOUNTERED DURING EXCAVATIONS FOR CONSTRUCTION ACTIVITIES AT: NORTHERN SIDE OF THE ATB-322-7.19 CULVERT - STA. 390+05.00 TO STA. 391+57.00 THE CONTRACTOR SHALL MANAGE THE EXCAVATED MATERIAL ACCORDING TO THE FOLLOWING NOTES. THE ESTIMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THIS WORK. ALL EXCAVATIONS AT THE AFOREMENTIONED LOCATION SHALL BE PAID FOR UNDER THE ORIGINAL PLAN BID ITEMS. THE ENGINEER MAY PERMIT THE CONTRACTOR TO DIRECT LOAD THE EXCAVATED MATERIAL INTO TRUCKS FOR TRANSPORT AND DISPOSAL. AS AN ALTERNATE, THE ENGINEER MAY PERMIT THE CONTRACTOR TO TEMPORARILY STOCKPILE THE EXCAVATED MATERIAL ON AN IMPERMEABLE MEMBRANE, IN AN AREA PROVIDED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER. THE MEMBRANE SHALL BE SURROUNDED BY BALES OF STRAW TO PREVENT THE EXCAVATED MATERIAL FROM COMING IN CONTACT WITH THE UNDERLYING SOIL. AN IMPERMEABLE MEMBRANE SHALL BE PLACED OVER THE STOCKPILE TO PREVENT CONTACT WITH PRECIPITATION AND/OR SURFACE RUN-OFF. THE EXCAVATED MATERIAL SHALL BE PROPERLY TRANSPORTED AND DISPOSED OF AS A SOLID WASTE IN A LICENSED (BY THE LOCAL HEALTH DEPARTMENT) AND PERMITTED (BY THE OHIO ENVIRONMENTAL PROTECTION AGENCY) SOLIDE WASTE FACILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY TESTING, PERMITS, AND APPROVALS TO TRANSPORT AND DISPOSE OF THE MATERIAL. IF EXCAVATIONS WITHIN THE AFOREMENTIONED LIMITS REQUIRE DEWATERING FOR CONSTRUCTION PURPOSES, THE CONTRACTOR SHALL DEWATER, CONTAINERIZE AND DISPOSE OF BY METHODS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS AND/OR AUTHORIZATIONS NEEDED TO STORE, TEST, TRANSPORT AND DISPOSE OF THE WATER IN ACCORDANCE WITH APPLICABLE LOCAL, STATE OR FEDERAL REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF REGULATED WATER WITH A METHOD APPROVED BY THE ENGINEER. WORK INVOLVED WITH THIS ITEM SPECIAL INCLUDES COMPLYING WITH THE HANDLING, STORAGE, AND DISPOSAL OF REGULATED AND NON-REGULATED WATER. PAYMENT FOR THIS WORK SHALL BE MADE AT THE CONTRACT PRICE BID PER TON AND/OR GALLON. THE BASIS FOR CONVERSION FROM TONS TO CUBIC YARDS IS 1.5 TON/CUBIC YARD. ALL EXCAVATIONS WITHIN THE AFOREMENTIONED LIMITS SHALL BE PAID FOR UNDER THE ORIGINAL PLAN BID ITEMS. THE FOLLOWING ESITMATED QUANTITIES HAVE BEEN INCLUDED IN THE GENERAL SUMMARY FOR THE WORK NOTED ABOVE: 690E65016 ITEM SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SOIL (XX TON) 690E650 ITEM SPECIAL - WORK INVOLVING REGULATED WATER (200 GALLON) 690E65020 ITEM SPECIAL - WORK INVOLVING NON-REGULATED WATER (200 GALLON)



Environmental Document Level: C2
PID 104661 ATB 322/45 03.99/17.34

Approved: 12/17/2018

Preparers and Approvals

Form Preparer

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

Supporting Form Preparer(s):

Mark Andrasik
Robert Lang
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	12/17/2018



Appendix

General

Final Right of Way Plans.pdf

Project Description Continued.pdf

USGS Quadrangle Topographical Map.pdf

ESA

District Determination - No ESA Studies Required .pdf

OES Recommendations - RMR - ATB-322-7.19.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Minimal Potential to Cause Effects - A or B.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.pdf

Public Notification Mailing List.pdf

Permits

Coordination with Local Floodplain Administrator.pdf

FEMA FIRM.pdf

Project Manager Floodplain Notification.pdf

Public Explanation of Floodplain Impacts.pdf