



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU SR 305/305D 2.45/0.04 PID 96568

Environmental Document Level: C1

Approved: 1/8/2019

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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C1

PID:	96568
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Federal
Private Funding:	No

Project Description:

The Ohio Department of Transportation (ODOT) plans improvements to State Route (SR) 305 in Bazetta, Champion, Fowler, Hartford and Southington Townships and the city of Cortland, Trumbull County, Ohio. The project proposes to mill and resurface 21.48 miles of SR 305 from SR 534 at Straight Line Mile (SLM) 2.45 to SR 7 at SLM 23.93 and 0.12 mile of SR 305D from SLM 0.04 to SLM 0.16 at the Hartford Township square. Additional improvements include partial/full-depth pavement repairs, catch basin and manhole adjustments and the application of edge/center/stop lines and other pavement markings, as needed. Moreover, the project also proposes minor maintenance on the following six (6) bridge/culvert structures along SR 305:

1. Structure No. TRU-305-2.94/Structure File Number (SFN) 7806817;
2. Structure No. TRU-305-10.19/SFN 7806833;
3. Structure No. TRU-305-12.54/SFN 7806868;
4. Structure No. TRU-305-13.65/SFN 7806876;
5. Structure No. TRU-305-16.74/SFN 7806884; and
6. Structure No. TRU-305-21.76/SFN 7806906.

Specified below are the maintenance activities proposed on these structures.

TRU-305-2.94 (Dead Branch Creek): The project proposes minor maintenance on the existing 26' simple span concrete slab bridge spanning Dead Branch Creek. Maintenance activities include sealing the existing concrete wearing surface and approach slabs with gravity fed resin, clearing/grubbing of vegetation within 15' of the structure and installation of new structure identification signs.

TRU-305-10.19 (Center Creek): The project proposes minor maintenance on the existing 12' simple span concrete frame bridge spanning Center Creek. Maintenance activities include sinkhole repair at the rear of the structure, clearing/grubbing of vegetation within 15' of the structure and installation of new structure identification signs.

TRU-305-12.54 (unnamed tributary to Mosquito Creek): The project proposes minor maintenance on the existing 12' concrete filled culvert conveying an unnamed tributary to Mosquito Creek under SR 305. Maintenance activities include channel cleanout, clearing/grubbing of vegetation within 15' of the structure and installation of new structure identification signs.



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TRU-305-13.65 (Mosquito Creek): The project proposes minor maintenance on the existing 34' concrete filled culvert conveying Mosquito Creek under SR 305. Maintenance activities include clearing/grubbing of vegetation within 15' of the structure and installation of new structure identification signs.

TRU-305-16.74 (SR 11): The project proposes minor maintenance on the existing 195' continuous steel beam bridge spanning SR 11. Maintenance activities include patching unsound areas of the concrete deck and approach slabs, sealing the existing concrete wearing surface and approach slabs with gravity fed resin, clearing/grubbing of vegetation within 15' of the structure and installation of new structure identification signs.

TRU-305-21.76 (Yankee Creek): The project proposes minor maintenance on the existing 53' continuous concrete slab bridge spanning Yankee Creek. Maintenance activities include removing 3" of asphalt concrete overlay, patching unsound areas of the concrete deck and approach slabs, placement of a new concrete overlay with waterproofing asphalt over existing concrete wearing surface, sealing exposed concrete surfaces of the parapets, abutments and piers with epoxy-urethane, patching unsound areas of the superstructure and sealing patched areas with epoxy-urethane, removing spalled areas from the bottom of the deck floor and sealing spalled areas with epoxy-urethane, clearing/grubbing of vegetation within 15' of the structure and installation of new structure identification signs.

During project construction, a minimum of one ten (10)-foot lane of traffic shall be maintained in each direction on the existing pavement and completed pavement. Access shall be maintained to all adjacent properties, businesses and intersecting side streets during project construction. Substantial traffic disruptions are not expected with the project.

Based on the project scope of work, its Path 1 Preliminary Development Process (PDP) Classification and the proposed maintenance of traffic measures, emergency/public services contact activities were not conducted for the project. Information about this project is posted to the Trumbull County listing on the Public Meetings/Public Involvement page of the ODOT District 4 website.

The project will be constructed within the existing roadway rights-of-way.

Existing utilities within the project study areas will not be impacted/relocated to construct the project.

See additional project description information 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.

Cultural Resources Coordination: Minimal Potential to Cause Effect Appendix B

Cultural Resources Coordination Date: 12/05/2018

Since no Tribe was interested in this project based on their customized preferences, no further Tribal consultation was conducted.

Supporting documentation has been uploaded to Project File: Yes

Select the appropriate project type (more than one can be selected):



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(22) Projects, as defined in 23 U.S.C. 101 that would take place entirely within the existing operational right-of-way. Existing operational right-of-way refers to right-of-way that has been disturbed for an existing transportation facility or is maintained for a transportation purpose. This area includes the features associated with the physical footprint of the transportation facility (including the roadway, bridges, interchanges, culverts, drainage, fixed guideways, mitigation areas, etc.) and other areas maintained for transportation purposes such as clear zone, traffic control signage, landscaping, any rest areas with direct access to a controlled access highway, areas maintained for safety and security of a transportation facility, parking facilities with direct access to an existing transportation facility, transit power substations, transit venting structures, and transit maintenance facilities. Portions of the right-of-way that have not been disturbed or that are not maintained for transportation purposes are not in the existing operational right-of-way. ***Examples include: Tower lighting within the existing operational right-of-way; Guardrail installation and replacement (including median cable barriers) where roadway ditches and backslopes will not be relocated; Improvements to existing ODOT/County maintenance facilities; Construction of new ODOT/County maintenance facilities within existing operational right-of-way; Environmental mitigation activities within existing operational right-of-way; Work on pedestrian and vehicle transfer structures and associated utilities, buildings, and terminals within existing operational right-of-way; Construction of alternative energy facilities (fuel tank farms, wind turbines, etc.)***

Environmental Commitments:

Yes



Environmental Commitments

C1

1) The project designer shall incorporate the following note into the plans: STREAM AVOIDANCE - TRU-305-2.94, TRU-305-10.19, TRU-305-12.54, TRU-305-13.65 AND TRU-305-21.76: UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER THE STREAM(S) AT TRU-305-2.94, TRU-305-10.19, TRU-305-12.54, TRU-305-13.65 AND TRU-305-21.76. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THE STREAM(S). THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT ALL CONSTRUCTION MATERIALS, WASTE MATERIALS, WATER CHEMICALS OR OTHER SUBSTANCES USED TO CONSTRUCT THE PROJECT FROM ENTERING THE STREAM(S). SHOULD ANY MATERIALS AND/OR DEMOLITION DEBRIS FALL INTO THE STREAM(S), ALL WORK SHALL BE STOPPED, AND ALL DEBRIS/MATERIAL, ETC., SHALL BE REMOVED IMMEDIATELY AND IN SUCH A WAY AS TO MINIMIZE TURBIDITY THAT COULD DEGRADE WATER QUALITY AND ADVERSELY AFFECT AQUATIC PLANT AND ANIMAL LIFE.

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 WITH THE 100-YEAR FLOOD PLAIN OF ANY STREAMS, ETC.



Approved: 1/8/2019

Preparers and Approvals

Form Preparer

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Supporting Form Preparer(s):

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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	1/8/2019



Appendix

General

Project Description Continued.pdf

USGS Quadrangle Topographical Map.pdf

ESA

District Determination - No ESA Studies Required.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Section 4(f)

OES Cultural Resources 4(f) Determination.pdf

Public Involvement

District Website Posting.pdf