



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU SR 0011 12.60 PID 87292

Environmental Document Level: C1

Approved: 9/19/2018

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: 87292
Project Sponsor: DISTRICT 4-MAINTENANCE
ODOT District: 4
Funding Source: Federal
Private Funding: No

Project Description:

The Ohio Department of Transportation (ODOT) plans to improve State Route (SR) 11 in Fowler and Johnston Townships, Trumbull County, Ohio. The project proposes to apply a fine graded polymer asphalt concrete overlay along 6.40 miles of SR 11 from the SR 11/King Graves Road interchange at Straight Line Mile (SLM) 12.62 to the SR 11/SR 5 interchange at SLM 19.02 in Fowler and Johnston Townships. Additional improvements by the project include partial-depth pavement repairs and the application of pavement markings. Moreover, the project proposes minor maintenance on the following nine (9) bridge structures along SR 11:

1. Structure No. TRU-11-13.66/Structure File Number (SFN) 7808127;
2. Structure No. TRU-11-14.06L/SFN 7808143;
3. Structure No. TRU-11-14.06R/SFN 7808151;
4. Structure No. TRU-11-16.01/SFN 7808186;
5. Structure No. TRU-11-16.95/SFN 7808208;
6. Structure No. TRU-11-18.03L/SFN 7808224;
7. Structure No. TRU-11-18.01R/SFN 7808232;
8. Structure No. TRU-11-18.14L/SFN 7808259; and
9. Structure No. TRU-11-18.14R/SFN 7808267.

Specified below are the maintenance activities proposed on these structures.

TRU-11-13.66 (Cadwallader-Sonk Road): The project proposes minor maintenance on the existing 195' continuous steel beam bridge carrying Cadwallader-Sonk Road over SR 11.



Maintenance activities include sealing the existing concrete wearing surface and approach slabs with a concrete sealing treatment, clearing/grubbing of vegetation within 15' of the structure and installation of new structure identification signs.

TRU-11-14.06L & TRU-14.06R (Big Run): The project proposes minor maintenance on the existing 23' side-by-side simple span concrete slab bridges spanning Big Run. Maintenance activities include erosion repair at the rear left abutment (TRU-11-14.06L), patching unsound areas of the concrete substructures, sealing patched areas with epoxy-urethane, clearing/grubbing of vegetation within 15' of the structures and installation of new structure identification signs.

TRU-11-16.01 (Fowler Ridge Road): The project proposes minor maintenance on the existing 191' continuous steel beam bridge carrying Fowler Ridge Road over SR 11. Maintenance activities include sealing the existing concrete wearing surface with a concrete sealing treatment, patching unsound areas of the concrete substructure, parapets and deck floor, sealing patched areas with epoxy-urethane, erosion repair at all four corners of the structure, repairing damaged guardrail at the forward right approach, clearing/grubbing of vegetation within 15' of the structure and installation of new structure identification signs.

TRU-11-16.95 (Everett-Cortland Hull Road): The project proposes minor maintenance on the existing 201' continuous steel beam bridge carrying Everett-Cortland Hull Road over SR 11. Maintenance activities include sealing the existing concrete wearing surface with a concrete sealing treatment, patching unsound areas of the concrete substructure, parapets and deck floor, sealing patched areas with epoxy-urethane, erosion repair at all four corners of the structure, clearing/grubbing of vegetation within 15' of the structure and installation of new structure identification signs.

TRU-11-18.03L & TRU-11-18.01R (Bradley-Brownlee Road): The project proposes minor maintenance on the existing 120' side-by-side continuous steel beam bridges spanning Bradley-Brownlee Road. Maintenance activities include sealing the existing concrete wearing surfaces and approach slabs with a concrete sealing treatment, clearing/grubbing of vegetation within 15' of the structures and installation of new structure identification signs.

TRU-11-18.14L & TRU-11-18.14R (Norfolk Southern Railroad): The project proposes minor maintenance on the existing 148' side-by-side continuous steel beam bridges spanning the Norfolk Southern Railroad track. Maintenance activities include sealing the existing concrete wearing surfaces and approach slabs with a concrete sealing treatment, clearing/grubbing of vegetation within 15' of the structures and installation of new structure identification signs.

During project construction, a minimum of one lane of traffic shall be maintained in each direction on the existing pavement and completed pavement. Substantial traffic disruptions are not anticipated 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. The project is listed as an active project on the ODOT District 4 Website.

The project will be constructed within the existing highway right-of-way.

Existing utilities within the project study area 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 A

Cultural Resources Coordination Date: 08/08/2018

Supporting documentation has been uploaded to Project File: Yes

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

(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-11-14.06L & TRU-11-14.06R: UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER THE STREAM(S) AT TRU-11-14.06L AND TRU-11-14.06R. 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.



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Preparers and Approvals

Form Preparer

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Supporting Form Preparer(s):

Brian Ross
Mark Andrasik
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	9/19/2018



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Appendix

General

Project Description Continued.pdf

USGS Quadrangle Topographical Map.pdf

ESA

District Determination - No ESA Studies Required.pdf

Cultural Resources

Records Check.pdf

Buckeye Assets Mapping.pdf

Public Involvement

District Website Posting.pdf