



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU SR 0304 01.02 PID 94116

Environmental Document Level: C2

Approved: 9/20/2018

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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C2

PID:	94116
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 State Route (SR) 304 in Hubbard and Liberty Townships and the city of Girard, Trumbull County, Ohio. The project proposes to mill and resurface 4.86 miles of SR 304 from Straight Line Mile (SLM) 1.02 to SLM 5.88, perform partial-depth pavement repairs, apply edge/center/stop lines/other pavement markings and complete minor maintenance activities on the following four (4) structures:

1. Structure No. TRU-304-1.31/Structure File Number (SFN) 7806639;
2. Structure No. TRU-304-1.91/SFN 7806663;
3. Structure No. TRU-304-3.89/SFN 7806701; and
4. Structure No. TRU-304-4.43/SFN 7806728.

Specified below are the maintenance activities proposed on these structures.

TRU-304-1.31 (SR 11): The project proposes to seal the existing concrete wearing surface and approach slabs with soluble reactive silicate treatment, clear/grub vegetation within 15' of the structure and install new structure identification signs at the existing 283' continuous steel beam bridge over SR 11.

TRU-304-1.91 (Little Squaw Creek): The project proposes to field pave the invert (bottom) of the existing culvert with low strength mortar, patch the existing concrete headwalls, clear/grub vegetation within 15' of the structure and install new structure identification signs at the existing 16' steel filled culvert that conveys Little Squaw Creek under SR 304.

TRU-304-3.89 (Crab Creek): The project proposes to remove the existing asphalt concrete overlay and replace it with a new asphalt concrete overlay, remove spalled areas from the bottom of the bridge deck floor, seal spalled areas of the bridge deck floor with epoxy-



urethane, patch unsound areas of the concrete substructure, seal all exposed concrete surfaces, including the wing walls, with epoxy-urethane, clear/grub vegetation within 15' of the structure and install new structure identification signs at the existing 24' simple span concrete slab bridge over Crab Creek.

TRU-304-4.43 (Interstate Route [IR] 80): The project proposes to seal the existing concrete wearing surface and approach slabs with gravity fed resin, patch unsound areas of the concrete substructure, seal patched areas with epoxy-urethane, repair erosion at the forward left approach of the structure by installing rock channel protection (RCP), clear/grub vegetation within 15' of the structure and install new structure identification signs at the existing 441' continuous steel beam bridge over IR 80.

During project construction, a minimum of one ten-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 for the duration of the project. Substantial traffic disruptions are not anticipated with the project.

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

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

The maximum length of permanent and temporary impacts to Little Squaw Creek below the Ordinary High Water Mark (OHWM) elevation at the TRU-304-1.91 bridge is anticipated to be 121 linear feet. Additionally, a total of 0.054 acre of suitable wooded habitat (SWH) for the Federally-listed Indiana Bat (*Myotis sodalis*) and Northern Long-Eared Bat (*Myotis septentrionalis*) will be impacted at the TRU-304-3.89 bridge. The explanation of Federal and State listed species impacts can be found in the Level 1 Ecological Survey Report (ESR) for TRU-304-3.89 in the Project File/Ecological/Reports subsection as Level 1 Ecological Survey TRU-304-3.89 PID 94116.pdf. The explanation of stream impacts can be found 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 area.

ODOT-District 4 conducted various public involvement activities including property owner notification letters and District website posting. Based on the project scope of work and the proposed maintenance of traffic measures, emergency/public services contact activity was not conducted for the project. Public comments were not received as a result of the public



involvement activities conducted for the project. See the public involvement documentation for the project in the Project File/Public Involvement/Project Information subsection.

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.

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.)*

(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
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:

Nationwide Permit

Waterways Permit Approval Date

08/22/2018



Isolated Wetland Permit	No
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	04/30/2018
Endangered Species - Critical Habitat Present/Impacted	
Indiana bat	
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:	09/20/2018
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 A
Cultural Resources Coordination - ODOT Approval Date:	08/07/2018
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:	09/12/2018
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	08/27/2018
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

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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: ENDANGERED SPECIES HABITAT-INDIANA BAT/NORTHERN LONG-EARED BAT - TRU-304-3.89: THE TRU-304-3.89 STRUCTURE 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 THIS LOCATION 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.

2) The project designer shall incorporate the following note into the plans: STREAM AVOIDANCE - TRU-304-1.31 & TRU-304-3.89: UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER THE STREAMS AT TRU-304-1.31 AND TRU-304-3.89. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THESE STREAMS. 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 THESE STREAMS. SHOULD ANY MATERIALS AND/OR DEMOLITION DEBRIS FALL INTO THESE STREAMS, 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.

3) 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

District 4
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Supporting Form Preparer(s):

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Mark Andrasik
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	9/20/2018



Appendix

General

USGS Quadrangle Topographical Map.pdf

Project Description Continued.pdf

ESA

District Determination - No ESA Studies Required.pdf

Cultural Resources

Buckeye Assets Mapping.pdf

Records Check.pdf

Ecological

USFWS Comments Consult Form TRU-304-3.89 PID 94116.pdf

Coordination with ODNR and USFWS.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

Public Notification Mailing List.pdf

Property Owner Notification Letter.pdf

Permits

Public Explanation of Floodplain Impacts.pdf

Coordination with Local Floodplain Administrator.pdf

Project Manager Floodplain Notification .pdf

FEMA FIRM.pdf