



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU SR 0082 22.74 PID 84660

Environmental Document Level: C2

Approved: 2/13/2020

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 June 6, 2018, and executed by FHWA and ODOT.

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C2

PID: 84660
Project Sponsor: ODOT SPONSORING AGENCY
ODOT District: 4
Funding Source: Federal
Private Funding: No

Project Description:

The Ohio Department of Transportation (ODOT) plans to improve State Routes (SR) 82 and 616 and U. S. Route (USR) 62 in Vienna, Brookfield and Hubbard Townships, Trumbull County. The project proposes to mill and resurface 7.13 miles of SR 82 from 0.5 mile east of the SR 82/SR 193 interchange to approximately Second Street in Masury and 0.62 mile of SR 616 from the Mahoning County/Trumbull County Line to the city of Hubbard corporation limit. Additional improvements include partial-depth pavement repairs, linear grading, monument box adjustments, the replacement of raised pavement markings and application of edge/center/lane and other pavement markings. The project also proposes minor maintenance on the following thirteen (13) structures along SR 82,

1. Structure No. TRU-82-22.07R/Structure Fine Number (SFN) 7804776,
2. Structure No. TRU-82-22.10L/SFN 7804741,
3. Structure No. TRU-82-25.00/Culvert File Number (CFN) 1873353,
4. Structure No. TRU-82-25.18L/SFN 7804806,
5. Structure No. TRU-82-25.18R/SFN 7804830,
6. Structure No. TRU-82-25.36L/SFN 7804865,
7. Structure No. TRU-82-25.36R/SFN 7804954,
8. Structure No. TRU-82-25.40L/SFN 7804989,
9. Structure No. TRU-82-25.40R/SFN 7805012,
10. Structure No. TRU-82-26.25/CFN 1873363,
11. Structure No. TRU-82-28.10/CFN 1822840,
12. Structure No. TRU-82-28.41/CFN 1873372 and
13. Structure No. TRU-82-29.55/SFN 7805047,

and minor maintenance on the following three (3) structures along USR 62

1. Structure No. TRU-62-8.10/CFN 1800996,
2. Structure No. TRU-62-8.71L/SFN 7803249 and
3. Structure No. TRU-62-8.71R/SFN 7803273.

Specified below are the proposed maintenance activities on these sixteen (16) total structures.



TRU-82-22.07R/191-foot continuous concrete slab bridge over SR 193: repair visibly unsound or previously patched areas of the existing deck and approach slabs, patch all unsound areas of the substructure and seal all patched areas of the substructure with epoxy-urethane, remove existing sealer, if present, and seal the remaining exposed concrete surfaces with epoxy-urethane, remove all spalled areas of the deck floor and seal with epoxy-urethane and use fiber wrap patching system to repair spalls at the deck edge(s).

TRU-82-22.10L/191-foot continuous concrete slab bridge over SR 193: repair visibly unsound or previously patched areas of the existing deck and approach slabs, patch all unsound areas of the substructure and seal all patched areas of the substructure with epoxy-urethane, remove existing sealer, if present, and seal the remaining exposed concrete surfaces with epoxy-urethane, remove all spalled areas of the deck floor and seal with epoxy-urethane and use fiber wrap patching system to repair spalls at the deck edge(s).

TRU-82-25.00/36-inch reinforced concrete culvert that carries an unnamed tributary to Little Yankee Run under SR 82: remove a 12-foot section of 36-inch reinforced concrete pipe at the outlet and replace with a 12-foot section of 36-inch Type A conduit, replace third-height headwall at outlet, install Type B rock channel protection to repair scour and erosion at the outlet, and clear/grub vegetation within 15 feet of the structure.

TRU-82-25.18L/171-foot continuous steel beam bridge over Norfolk Southern Railroad: seal existing wearing surface and approach slabs with gravity-fed resin concrete treatment, repair visibly unsound or previously patched areas of the existing deck and approach slabs, patch all unsound areas of the parapets and seal all patched areas of the parapets with epoxy-urethane, remove existing sealer, if present, and seal the remaining exposed concrete surfaces on the parapets with epoxy-urethane and clear/grub vegetation within 15 feet of the structure.

TRU-82-25.18R/171-foot continuous steel beam bridge over Norfolk Southern Railroad: seal existing wearing surface and approach slabs with gravity-fed resin concrete treatment, repair visibly unsound or previously patched areas of the existing deck and approach slabs, remove existing sealer, if present, and seal the exposed concrete surfaces on the parapets with epoxy-urethane and clear/grub vegetation within 15 feet of the structure.

TRU-82-25.36L/132-foot continuous steel beam bridge over Albright McKay Road: seal existing wearing surface and approach slabs with gravity-fed resin concrete treatment, repair visibly unsound or previously patched areas of the existing deck and approach slabs, remove existing sealer, if present, and seal the exposed concrete surfaces on the parapets with epoxy-urethane and clear/grub vegetation within 15 feet of the structure.

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:

(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:	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	May Affect, Not Likely to Adversely Affect
Endangered Species - Coordination Date	12/31/2019
Endangered Species - Critical Habitat Present/Impacted	
Indiana bat	
Northern long-eared bat	
Endangered Species - Other Critical Habitat Present/Impacted:	No



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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:	02/11/2020
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/SHPO Concurrence Date	02/11/2020
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:	02/11/2020
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	02/11/2020
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



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Environmental Commitments

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1) The project designer shall incorporate the following note into the plans. ENDANGERED SPECIES HABITAT-INDIANA BAT/NORTHERN LONG-EARED BAT - TRU-82-26.25, TRU-82-28.10 & TRU-82-28.41: THE AFOREMENTIONED CULVERTS ARE 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 THESE LOCATIONS 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-82-25.40L, TRU-82-25.40R, TRU-62-8.71L & TRU-62-8.71R: UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER THE STREAM(S) AT TRU-82-25.40L, TRU-82-25.40R, TRU-62-8.71L & TRU-62-8.71R. 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).



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Preparers and Approvals

Form Preparer

District 4
Contact: Edward Deley
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Supporting Form Preparer(s):

Mark Andrasik
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	2/13/2020



Appendix

Ecological

Coordination with ODNR and USFWS.pdf

Ecological Review Form - Ecologically Exempt Project.pdf

OES Approval - No ODNR and USFWS Notification.pdf

General

Project Description Continued.pdf

Cultural Resources

Records Check.pdf

Ecological

USFWS Comments Consult Form TRU-82-28.10 PID 84660.pdf

General

USGS Quadrangle Topographical Map.pdf

Other Resources

Youngstown OH-PA 2010 Urban Area Boundary.pdf

Underserved Populations

Census Mapping.pdf

Permits

District Determination - No Floodplain Impacts.pdf

FEMA FIRM.pdf

Project Manager Floodplain Notification.pdf

Public Explanation of Floodplain Impacts.pdf

Underserved Populations

Underserved Populations Documentation Form.pdf