



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU Culverts FY2019 PID 106708

Environmental Document Level: C2

Approved: 1/23/2019

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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C2

PID:	106708
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) 46 and SR 5/SR 82 in Bazetta Township, Trumbull County. The project proposes to replace one culvert, TRU-46-12.44/Culvert File Number (CFN) 1800936, along SR 46 as follows:

TRU-46-12.44: Replace the existing deteriorated/deficient 9' x 5' concrete box/masonry arch culvert carrying Confusion Run under SR 46. The existing structure will be removed and replaced with a 8' x 6' Type A conduit with half-height headwalls. Rock channel protection (RCP) Type B will be placed on the inlet and outlet sides of the new structure to protect the structure from scour.

Additionally, the project proposes to reconstruct ten (10) median catch basin inlets along SR 5/SR 82 at Straight Line Mile (SLM) 12.43, SLM 12.45, SLM 12.53, SLM 12.60, SLM 12.67, SLM 12.72, SLM 12.80, SLM 12.87, SLM 12.89 and SLM 12.93, in proximity to the SR 5/SR 82/Perkins-Jones Road/Larchmont Avenue Extension interchange.

During project construction, a minimum of one lane of traffic in each direction shall be maintained at all times along SR 46 and SR 5/SR 82, except when necessary to close SR 46 to vehicular traffic at Mile Marker 12.44 for a maximum of twenty-one (21) consecutive days to replace the culvert. The official detour route for this closure will utilize SR 305, SR 5/SR 82 and SR 11. Access along SR 46 shall be maintained to all adjacent properties, businesses and intersecting side streets for the duration of the project. No substantial traffic disruptions are expected during project construction.

A total of 0.122 acre of new permanent warranty deed right-of-way and 0.048 acre of temporary right-of-way will be acquired from three (3) property owners to replace the TRU-46-12.44 culvert. Additional new permanent right-of-way and/or temporary right-of-way is not required to reconstruct the ten (10) median catch basin inlets along SR 5/SR 82. Right-of-Way plans for the project can be found in the Project File/General/Project Information subsection as Final Right-of-Way Plans.pdf.

Multiple overhead and underground utilities exist within the project study areas. These include electric, gas, water, sanitary sewer and telecommunication utilities. During the TRU-46-12.44 culvert replacement, the existing overhead power service will be de-energized and the power service wires will be temporarily removed to install the proposed new culvert. The remaining gas, water, sanitary sewer and telecommunication



utilities are not in conflict with the proposed improvements and will not be impacted during project construction. Utilities will not be permanently removed to construct the project.

Based on the information contained in the RMR Form prepared for the project, further environmental site assessment or special materials management is not warranted for the project. See the RMR documentation for the project in the Project File/ESA Section.

The maximum length of permanent and temporary impacts to Confusion Run below the Ordinary High Water Mark (OHWM) elevation at the TRU-46-12.44 culvert is 154 linear feet. Additionally, a total of 0.1911 acre of suitable wooded habitat (SWH) for the Federally-listed Indiana Bat (*Myotis sodalis*) and Northern Long-Eared Bat (*Myotis septentrionalis*) will be impacted by the work at the TRU-46-12.44 culvert. The explanations of stream and Federal and State listed species impacts can be found in the Level 1 Ecological Survey Report (ESR) for TRU-46-12.44 in the Project File/Ecological/Reports subsection as Level 1 Ecological Survey TRU-46-12.44.pdf.

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

ODOT-District 4 conducted various public involvement activities, including a news release, District website posting, property owner notification letters and emergency/public services notifications, for the project. Public comments were not received as a result of the public involvement activities conducted for the project. All public involvement documentation for the project can be found in the Project File/Public Involvement/Project Information subsection.

The environmental document and associated studies, as applicable, were approved using the Stage 3 Design Plans for the project. A copy of the Stage 3 Design Plans for the project can be found in the Project File/General/Project Information subsection as Stage 3 Design.pdf.

The estimated project cost specified in Ellis agrees within the project funding specified in the ODOT Fiscal Year (FY) 2018-2021 Statewide Transportation Improvement Project (STIP) State Line Item (SLI) Grouped Project Report as of 11/21/2018.

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
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



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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	01/03/2019
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	11/30/2018
Endangered Species - Critical Habitat Present/Impacted	
Indiana bat	
Northern long-eared bat	
Endangered Species - Other Critical Habitat Present/Impacted:	No
100-Year Floodplain:	No Encroachment Within a Special Flood Hazard Area (SFHA)
Section 4(f):	Not present
Section 6(f):	Not present
Cultural Resources:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	No Historic Properties Affected
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	11/26/2018

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



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Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	12/13/2018
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	12/12/2018
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	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 into the plans: ENDANGERED SPECIES HABITAT-INDIANA BAT/NORTHERN LONG-EARED BAT - TRU-46-12.44: THE TRU-46-12.44 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: 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 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.



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Preparers and Approvals

Form Preparer

District 4
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Supporting Form Preparer(s):

Matthew Chaney
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	1/23/2019



Appendix

General

Final Right of Way Plans.pdf

USGS Quadrangle Topographical Map.pdf

ESA

OES Recommendations - Screening.pdf

Cultural Resources

SHPO Comments

Transmittal 1 - Effect Determination

Tribal Consultation

Ecological

Coordination with ODNR and USFWS.pdf

ODOT Disposition of Agency Comments.pdf

USFWS Comments Consult Form TRU-46-12.44 PID 106708.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 .pdf

Emergency and Public Services Notification List.pdf

News Article - WFMJ.pdf

News Article - Youngstown Vindicator.pdf

Press Release.pdf

Property Owner Notification Letter - November 2018.pdf

Property Owner Notification Letter - October 2018.pdf

Public Notification Mailing List - November 2018.pdf

Public Notification Mailing List - October 2018.pdf



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Permits

FEMA FIRM.pdf