



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU Painesville-Warren-State Rd PID 112653

Environmental Document Level: C2

Approved: 5/11/2021

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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 14, 2020, and executed by FHWA and ODOT.

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C2

PID: 112653
Project Sponsor: TRUMBULL COUNTY ENGINEER
ODOT District: 4
Funding Source: Federal
Private Funding: No

Project Description:

The Trumbull County Engineer (TCE) proposes to mill/resurface 3.87 miles of Painesville Warren State Road/County Highway 206, from the Trumbull County/Geauga County line to State Route (SR) 534 in Southington and Farmington Townships, Trumbull County. Additional improvements proposed by this project include partial depth pavement repairs, four (4) culvert replacements, rock channel protection placement, guardrail upgrades, catch basin adjustments and edge line/center line/stop line applications.

Mapping that depicts the project location on United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Mapping is included in Project File/General/Project Information as USGS Quadrangle Topographical Map.pdf.

A minimum of one 10-foot bi-directional lane shall be maintained on the existing pavement or completed pavement during project construction, except when necessary to close the roadway a maximum of 30 consecutive days to replace the culverts between the Trumbull County/Geauga County line and Geauga-Portage Easterly Road. The detour route for these closures will utilize SR 534 and SR 88. Construction, lane restrictions, roadway closure/detour information will be posted within the project construction limits prior to the start of project construction. Lane restrictions/reductions shall not be permitted after normal working hours. Access shall be maintained to all adjacent properties, businesses and intersecting side streets during project construction. Substantial traffic disruptions are not expected during project construction.

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

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

A Cultural Resources Records Check was performed by district environmental staff using the SHPO GIS online database. No Cultural Resources listed on or determined eligible for listing on the National Register of Historic Places were identified within and/or immediately adjacent to the proposed project area. The undertaking is a type that has minimal potential to cause effects to historic properties. No further coordination is required in accordance with the Section 106 Programmatic Agreement. In accordance with Stipulation V(C)(1) and Appendix A of the Section 106 Programmatic Agreement executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, ODOT determined the project is a type of undertaking that has 'minimal potential to cause effects' to historic properties and is not a part of a larger undertaking. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the Cultural Resources Tab.

The project proposes to permanently and temporarily impact a total of 228 linear feet of three (3) stream channels and temporarily impact a total of 0.012 acre of two Category 1 wetlands and a Modified Category 2 wetlands at the three (3) existing culverts, proposed for replacement as part of the project, that convey streams. The project will also permanently impact approximately 0.006 acre of suitable wooded habitat (SWH) for the Federally listed Indiana Bat (*Myotis sodalis*) and Northern Long-eared Bat (*Myotis septentrionalis*). See the ecological and threatened/endangered species documentation for the project in the



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Project File/Ecological/Reports subsection and the Ecological Tab.

Based on review of the information in the Regulated Materials Review (RMR) Form completed for the project, the Ohio Department of Transportation (ODOT) Office of Environmental Services (OES) agreed that no further RMR is warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports and Project Information subsections.

ODOT District 4 Environmental Section personnel reviewed the FEMA FIRM for the project study area and determined the project is located within a Special Flood Hazard Areas (SFHA) Zone AE floodplain. However, the project is considered maintenance that does not change the alignment, grade, or hydraulic capacity of the existing roadway/structure and, therefore, is exempt from the normal permit process required for work encroaching on a SFHA. See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection.

The project will not impact any other environmentally sensitive resources within the project study area. The TCE conducted various public involvement activities for the project, including a press release, TCE website posting and project notification letters to property owners, stakeholders and emergency/public service providers. Comments were requested by all of the public involvement activities conducted for the project. A newspaper article about the project was published in the Warren Tribune Chronicle. One (1) public comment was received as a result of the public involvement activities conducted for the project. See the public involvement documentation, including the received comment and response to comment, for the project in the Project File/Public Involvement/Project Information subsection.

The environmental document and associated studies, as applicable, were approved using the Stage 2 Design plans for the project. A copy of the Stage 2 Design plans for the project is included in the Project File/General/Project Information subsection as Stage 2 Design.pdf.

The estimated total project cost specified in Ellis agrees with the total project cost specified in the ODOT State Fiscal Years 2021 - 2024 Statewide Transportation Improvement Program (STIP).

STIP Reference #:

112653: 21-24 STIP.

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.)***

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)



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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
Will any wetlands be impacted?	Yes
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	04/02/2021
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:	05/06/2021
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 Concurrent Date	04/02/2021

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



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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:	04/26/2021
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	03/22/2021
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



Ecological

Wetlands

ESR Name:	Wetland ID:	Hydrologic connection:	Wetland category:	Estimated total size (ac.):	Total estimated impact area by alternative (ac.):
TRU Painesville-Warren-State Rd	Wetland 1	Adjacent	Category 1	0.28	0.005
	Wetland 2	Adjacent	Category 1	0.05	0
	Wetland 3	Adjacent	Modified Category 2	1.9	0.003
	Wetland 4	Adjacent	Category 1	0.03	0.004

Has an Approved and/or Preliminary Jurisdictional Determination been made by the USACE? No

Total impact to all wetlands (ac.): 0.012

Total acres of non-isolated wetlands impacted: 0.012

Total acres of isolated wetlands impacted: 0

In accordance with Executive Order 11990 - USDOT Order 5660.1A, this Wetland Finding has been prepared to document that wetlands have been avoided to the extent possible to minimize the long and short term adverse impacts associated with the destruction or modification of wetlands, and to document that there are no practicable alternatives to avoid construction in wetlands.

An analysis of the 'Do Nothing' alternative indicates that it is not practicable because (check all that apply):

It Would Not Correct Existing Condition and Maintenance Problems.

An analysis of improvements that avoid all wetland impacts indicates that they are not practicable because (check all that apply):

They Will Result in Substantial Adverse Community Impacts to Adjacent Homes, Businesses, or Other Improved Properties.

They Will Not Meet the Identified Needs of the Project.

Include justification supporting the decisions noted above:

This project involves the replacement of four (4) culverts along Painesville Warren State Rd. Culverts along the study corridor are substantially deteriorated and are no longer functioning as designed. Based on the location of the impacted wetlands, avoidance is not possible in order to complete this project. The 'Do Nothing' alternative would not correct the existing condition and would eventually cause damaged to nearby property during heavy rain events. Avoiding the identified wetlands would result in substantial impacts to



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adjacent properties and would unlikely not meet the identified needs of the project.

All practicable measures have been considered and incorporated into the project design to avoid, minimize, wetland impacts. The wetland impact minimization measures that will be followed for the project are documented in the environmental commitments for the project. Wetland mitigation for unavoidable impacts will be provided if required by the Clean Water Act or Ohio isolated wetland law, i regulated by the US Army Corps of Engineers and Ohio EPA regulations (33 CFR parts 325 and 332 and 4 CFR part 230, and OAC 3745-01-54), and (ORC 6111.027). No practicable alternatives exist for the proposed construction in wetlands, and the proposed action includes all practicable measures to minim harm to the wetlands that may result from such use.

Remarks:

No remarks



Environmental Commitments

C2

- 1) The project designer shall incorporate the following note into the plans.

ENDANGERED SPECIES HABITAT - INDIANA BAT/NORTHERN LONG-EARED BAT: THE PROJECT 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 TO CONSTRUCT THE PROJECT 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 sponsor shall obtain all appropriate Section 404/401 waterway permits for the project prior to any work below the Ordinary High Water Mark of any waterway and the waterway permits conditions shall be included in the project plans as Special Provisions.

- 3) The project designer shall incorporate the following note into the plans:

WATERWAY PERMIT COMPLIANCE: THE TRUMBULL COUNTY ENGINEER WILL OBTAIN ALL NECESSARY WATERWAY PERMITS PRIOR TO PROJECT CONSTRUCTION. THE CONTRACTOR IS NOT AUTHORIZED TO PLACE ANY FILL OR WORK WITHIN ANY WATERWAY BELOW THE ORDINARY HIGH WATER MARK ELEVATION DURING CONSTRUCTION UNTIL THE PERMIT(S) ARE OBTAINED FOR THE PROJECT.

- 4) The project designer shall incorporate the following note into the plans:

A SECTION OF THE PROJECT LIMITS IS LOCATED WITHIN THE PLALAN LAKE WATER ASSOCIATION COMMUNITY SYSTEM DRINKING WATER SOURCE PROTECTION AREA. USE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS ESTABLISHED FOR THE PROJECT. DO NOT STORE FUELS, TOXIC/HAZARDOUS MATERIALS AND CHEMICALS NEAR DRAINAGE WAYS, DITCHES OR STREAMS. MAINTAIN A SPILL KIT ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS OR CHEMICALS, THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY. IF THE SPILL IS A REPORTABLE AMOUNT (PER OHIO EPA RELEASE REPORTING REQUIREMENTS), CONTACT THE TRUMBULL COUNTY EMERGENCY MANAGEMENT AT 330-675-2667 OR THE OHIO EPA SPILLS HOTLINE AT 800-282-9378 FOR CLEAN-UP OF THE SPILL.



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Preparers and Approvals

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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	5/11/2021



Appendix

General

Aerial Map.pdf

County Map.pdf

Project Description Continued.pdf

Stage 2 Design.pdf

USGS Quadrangle Topographical Map.pdf

ESA

Project Related OES Decision - ESA.pdf

Cultural Resources

Records Check.pdf

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Other Resources

Sole Source Aquifer Mapping.pdf

Water Source Protection Area Map.pdf

Underserved Populations

Census Mapping.pdf

Underserved Populations Documentation Form.pdf

Public Involvement

News Article.pdf

Press Release.pdf

Property Owner Notification Letter.pdf

Public Notification Mailing List.pdf

Response to Stakeholder Comments.pdf

Stakeholder Comments.pdf

Stakeholder Contact List.pdf

Stakeholder Notification.pdf

Permits



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Determination - No Floodplain Impacts.pdf

FEMA FIRM.pdf