



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document for **TRU Warner Rd Bridge PID 104613**

Environmental Document Level: C2

Approved: 2/27/2020

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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:	104613
Project Sponsor:	TRUMBULL COUNTY ENGINEER
ODOT District:	4
Funding Source:	Federal
Private Funding:	No

Project Description:

The Trumbull County Engineer (TCE) proposes to replace the existing two-lane, 18-foot-10-inch wide single-span, steel pony truss bridge with stub rear abutment on stone substructure and high wall forward abutment on spread footing, Bridge No. TRU-C0043-0001/Structure File Number 7832001, that carries Warner Road/County Highway (CH) 43 over the South Branch of Yankee Run in Fowler and Hartford Townships, Trumbull County. The project will replace the existing bridge with a new two-lane, 30-foot wide three-span galvanized steel beam bridge with reinforced concrete deck on semi-integral abutments and cap and column piers on drilled shafts. The horizontal and vertical alignments of Warner Road is also proposed to be realigned at the bridge to meet current roadway design standards. The project length is approximately 940 feet or 0.2 mile. In addition to the proposed bridge improvements, the project also proposes bridge wingwall construction, embankment construction, asphalt pavement placement, drainage improvements, rock channel protection placement, ditch erosion protection mat installation, driveway approach reconstruction, guardrail installation, traffic sign installation and pavement marking application.

Approximately 0.461 acre of new permanent right-of-way from four (4) parcels and 0.063 acre of temporary right-of-way from one (1) parcel is required to construct the project. See the right-of-way plans for the project, included as part of the Stage 2 Design plans, in the Project File/General/Project Information subsection as Stage 2 Design.pdf.

The proposed bridge replacement will require a four (4)-month closure of Warner Road between King Graves Road (CH 158) and Wilson Sharpsville Road (SR 305). During that bridge/road closure, traffic will be detoured to King Graves Road, Sodom Hutchings Road (CH 45) and Wilson Sharpsville Road/State Route (SR) 305. Prior to the start of project construction, the bridge/road closure and detour information will be posted along Warner Road, intersecting sides streets and on the TCE webpage. Access shall be maintained to adjacent properties, businesses and intersecting sides streets for the duration of the project. Substantial traffic disruptions are not expected during project construction.

Minor relocations of existing utilities within the project study area will be necessary to construct the project. These minor utility relocations will occur within the existing highway/roadway right-of-way. Utilities will not be permanently removed to construct the project. Coordination with the utility companies affected by the proposed construction activities was conducted for the project during its preliminary engineering phase and will continue during its detailed design phase.

Based on the information in the Regulated Materials Review (RMR) Form completed 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.

At the bridge site, the project proposes to permanently impact 14 linear feet and temporarily impact 113 linear feet of the South Branch of Yankee Run. The project also proposes to permanently impact a total of 0.088 acre of two (2) Category 2 wetlands, Wetland A and Wetland B. Moreover, 1.01 acres of suitable wooded habitat for the Federally-listed Indiana Bat (*Myotis sodalis*) and Northern Long-Eared Bat (*Myotis septentrionalis*) will be impacted by the project. See the stream/wetlands documentation for the project in the Project File/Ecological/Coordination, Project Information and Reports subsections.



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

The TCE conducted public involvement activities for the project, including a news release and a public involvement notification letter mailed to the property owners/residents, local public officials, schools and emergency/public service providers potentially affected by the project. Comments about the project were not received by the TCE 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.

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 Fiscal Year (FY) 2018 - FY 2021 Statewide Transportation Improvement Program (STIP) Project Listing (Appendix 6) as of 2/4/2020.

STIP Reference #

2018stipID0231FDDD/2018stipID0231FDRW/2018stipID0231FDCO 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 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

11/27/2019



Endangered Species - Critical Habitat Present/Impacted

Eastern massasauga

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 12/20/2019

Tribal Consultation Summary/Remarks:

Based on the customized preferences configured by the tribe, the ODOT EnviroNet System notified the Delaware Tribe of Oklahoma about the project on 12/20/2019. No comment or objection was received from the Delaware Tribe of Oklahoma concerning this project within 30 days of the project notification date.

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: 04/16/2019

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



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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: 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 AT THE PROJECT LOCATION FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THE CONTRACTOR SHALL DEMARCATÉ CLEARING LIMITS IN THE FIELD TO AVOID ANY UNAUTHORIZED TREE CLEARING. 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: ENDANGERED SPECIES - EASTERN MASSASAUGA RATTLESNAKE: THE PROJECT IS LOCATED WITHIN THE RANGE OF THE EASTERN MASSASAUGA RATTLESNAKE (*SISTRURUS CATENATUS*) A STATE ENDANGERED AND FEDERAL THREATENED SPECIES. IF EASTERN MASSASAUGA RATTLESNAKES ARE ENCOUNTERED IN THE WORK AREA(S) DURING CONSTRUCTION, NO PERSON SHALL HARM OR KILL THE SNAKES OR ATTEMPT TO HANDLE THE EASTERN MASSASAUGA RATTLESNAKE. ALL CONSTRUCTION OPERATIONS AT THE WORK AREA SHALL TEMPORARILY CEASE AND THE ODOT OFFICE OF ENVIRONMENTAL SERVICES (OES) - ECOLOGICAL SECTION (614-466-5129 OR 614-466-5112) AND THE UNITED STATES FISH AND WILDLIFE SERVICE (USFWS) COLUMBUS FIELD OFFICE (614-416-8993) SHALL BE IMMEDIATELY CONTACTED. CONSTRUCTION OPERATIONS WILL NOT RESUME UNTIL COORDINATION WITH ODOT OES AND USFWS HAS BEEN CONCLUDED FOR THE ENCOUNTER.

3) The appropriate waterway permits shall be obtained for the project prior to any work within the jurisdictional boundary of any waterway, including wetlands, and the Waterway Permits Conditions shall be incorporated into the project plans as Special Provisions.



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Preparers and Approvals

Form Preparer:

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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	2/27/2020



Appendix

General

Aerial Map.pdf

Ecological

Coordination with ODNR and USFWS.pdf

General

County Map.pdf

Project Study Area Map.pdf

Cultural Resources

Section 106 Scoping Request Form.pdf

SHPO Comments

General

Stage 2 Design.pdf

Cultural Resources

Transmittal 1 - Effect Determination

Tribal Consultation

Ecological

USFWS Comments.pdf

General

USGS Quadrangle Topographical Map.pdf

Underserved Populations

Census Mapping.pdf

Public Involvement

Press Release.pdf

Permits

Project Related OES Decision - No Coordination Required.pdf

Public Involvement

Property Owner Notification Letter 2018-10-23.pdf

Public Letter Attachment - ROW and Improvements Map.pdf

Public Update Letter and Mailing List 2019-12-30.pdf



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Underserved Populations

Underserved Populations Documentation Form.pdf