



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU CR 255 (Orangeville-Kinsman) PID 110848

Environmental Document Level: C2

Approved: 4/1/2021

Prepared By: Brooke Heid

Clune Consulting Services, LLC

Phone: 614-570-5771

E-mail: Brooke@cluneconsult.com

District Contact: Edward Deley

Phone: 330-786-4930

E-mail: Edward.Deley@dot.ohio.gov

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.

Table of Contents

C2.....	3
Environmental Commitments.....	7
Preparers and Approvals.....	8
Appendix.....	9



C2

PID:	110848
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 County Road (CR) 255/Orangeville-Kinsman Road bridge over an unnamed tributary to Pymatuning Creek in Vernon Township, Trumbull County. The existing CR 255, Section A Vernon Number 6 bridge/Structure File Number 7843364, is a 61-foot, 2-span steel beam bridge built in 1958.

Preliminary plans were not available at the time this environmental document was prepared. However, based on preliminary scope of work, the proposed structure is a 75-foot single span pre-stressed concrete box beam bridge with composite reinforced concrete deck on reinforced concrete abutments. Additional improvements proposed by this project include a total of 105 feet of approach roadway work, reinforced concrete approach slab construction, rock channel protection placement with geotextile fabric installation, guardrail installation, conduit installation, new sign installation and new center line/pavement marking application.

The project is located approximately 0.2 mile north of the CR 255/CR 256-Job Greenville Road intersection.

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.

CR 255/Orangeville-Kinsman Road at the bridge site will be closed to traffic for a maximum of ninety (90) consecutive days during project construction. The detour route for this bridge closure will utilize State Route (SR) 88, SR 7 and Kinsman-Nickerson Road. Access shall be maintained to all adjacent properties and businesses within the project construction limits for the duration of project construction. Construction and bridge closure/detour information will be posted within the project construction limits prior to the start of project construction. Substantial traffic disruptions are not expected during project construction.

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

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 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.

The literature search further concluded there are no inventoried buildings (OHI), no known archaeological sites (OAI), and no listed or eligible Historic Properties found in the project area or in the area of potential effects (APE). The existing bridge (SFN 7843364) is a Type 302N steel multi-beam structure built in 1958. This bridge is not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). Non-historic bridge replacements and general highway modernization activities are exempt from further cultural resource consideration by the 11/8/2017 Cultural Resource PA (Agreement 19319), if the project is not within the boundaries of any Historic Property or N. R. District. In accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement



Environmental Document Level: C2
PID 110848 TRU CR 255 (Orangeville-Kinsman)

Approved: 4/1/2021

executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, the Ohio Department of Transportation (ODOT) Office of Environmental Services (OES) 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.

Based on the information in the Regulated Materials Review (RMR) Screening completed for the project, further RMR activities or special materials management are not warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports subsection.

The project proposes to impact a total of approximately 171 linear feet of two streams, an unnamed tributary to Pymatuning Creek and an unnamed captured stream, within the project study area. Additionally, the project proposes to impact approximately 0.02 acre of suitable wooded habitat (SWH) for the Federally-listed Indiana Bat (*Myotis sodalis*) and Northern Long-Eared bat (*Myotis septentrionalis*) and State-listed Little Brown Bat (*Myotis lucifugus*) and Tricolored Bat (*Perimyotis subflavus*) within the project study area. See the ecological and threatened/endangered species documentation for the project in the Project File/Ecological/Reports, Project Information and Coordination subsections.

Clune Consultants Services personnel reviewed the FEMA FIRM for the project study area and determined the project is not located within a special flood hazard area. 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. In an effort to notify the Amish community within the project area about the project, copies of the project notification letter were also provided to the Vernon Township Trustees who subsequently distributed them to Amish residents within the project area. 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. Two (2) public comments were received as a result of the public involvement activities conducted for the project. See the public involvement documentation, including the received comments and responses to comments, 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 #:

110848: 21-24 STIP.

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



Environmental Document Level: C2
PID 110848 TRU CR 255 (Orangeville-Kinsman)

Approved: 4/1/2021

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	11/30/2020
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:	Minimum Potential to Cause Effect Appendix B
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	02/11/2021

Since no Tribe was interested in this project based on their customized preferences, no formal 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



Environmental Document Level: C2
PID 110848 TRU CR 255 (Orangeville-Kinsman)

Approved: 4/1/2021

Air Quality - Coordination with OES:	No
Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	11/17/2020
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



Environmental Commitments

C2

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

ENDANGERED SPECIES HABITAT - INDIANA BAT/NORTHERN LONG-EARED BAT/LITTLE BROWN BAT/TRICOLORED BAT: THE PROJECT SITE IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT, AND THE STATE-LISTED LITTLE BROWN BAT AND TRICOLORED 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. 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:

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.



Environmental Document Level: C2
PID 110848 TRU CR 255 (Orangeville-Kinsman)
Approved: 4/1/2021

Preparers and Approvals

Form Preparer: Brooke Heid
Clune Consulting Services, LLC
P.O. Box 103, Minster OH 45865
614-570-5771
Brooke@cluneconsult.com

Supporting Form Preparer(s): Lorie Feudner
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	4/1/2021



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Ecological

Coordination with ODNR and USFWS.pdf

Scenic Rivers Boundary Map.pdf

USFWS Comments Consult Form TRU-255 PID 110848.pdf

Other Resources

Census Bureau Urbanized Area Map.pdf

Sole Source Aquifer Mapping.pdf

Water Source Protection Area Map.pdf

Underserved Populations

Census Mapping.pdf

Underserved Populations Documentation Form.docx

Public Involvement

News Article - Warren Tribune Chronicle.pdf

Press Release.pdf

Public Comments Received.pdf

Response to Public Comments.pdf

Stakeholder - Property Owner - Amish Notificaiton List.pdf

Stakeholder - Property Owner - Amish Notification Letter.pdf

Trumbull County Engineer Website Posting.pdf

Permits

FEMA FIRM.pdf