



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU TR 0222 01.86 (Housel-Craft) PID 114350

Environmental Document Level: C2

Approved: 5/25/2023

Prepared By: Nicole Clune

Clune Consulting Services LLC

Phone: 419-305-0144

E-mail: nicole@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.....	9
Preparers and Approvals.....	10
Appendix.....	11



C2

Project Information

PID:	114350
Project Sponsor:	TRUMBULL COUNTY ENGINEER
ODOT District:	4
Funding Source:	Federal

Project Description:

The Trumbull County Engineer (TCE) proposes to replace the existing 28-foot long, single span steel beam bridge on concrete and stone abutments carrying Township Road (TR) 222B/Housel Craft Road over Mud Run between Stroups Hickox Road and Hoffman Norton Road in Farmington Township, Trumbull County. The existing bridge will be replaced by a new 49-foot single-span prestressed concrete box beam bridge with a composite concrete deck on reinforced concrete abutments, wingwalls and steel piles. The proposed new wingwalls and abutments will be installed behind the existing abutments. Additional improvements proposed by this project include approach roadway pavement resurfacing, new approach slabs and the installation of a new guardrail system.

Mapping that depicts the project location on United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Mapping is included in the Project File/General/Project Information subsection as USGS Quadrangle Topographical Map.pdf. During construction, TR222B/Housel Craft Road at the bridge site will be closed to traffic for a maximum of ninety (90) consecutive calendar days. The official detour for this project will utilize Stroup Hickox Road, Geauga Portage Easterly Road, and Hoffman Norton Road. Construction and bridge closure/detour information will be posted along TR222B/Housel Craft Road within the project construction limits and along all intersecting side roads prior to the start of construction activities. Access shall be maintained to all properties within and adjacent to the project construction limits for the duration of project construction. Substantial traffic disruptions are not expected during project construction.

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

An overhead telecommunications utility is located within the project study area. Relocation of the overhead telecommunications utility will be necessary to complete the work and shall be coordinated with the service provider. This utility relocation will occur within the existing roadway right-of-way. Coordination with the utility company 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 undertaking is limited to the replacement of a 28-foot-long steel beam bridge in rural Farmington Township, Trumbull County, Ohio. A new concrete box beam structure will be placed on the existing line and grade allowing construction activities to focus on the existing operational right-of-way. No new or additional right-of-way will be needed to replace the existing structure. No buildings will be involved in construction and no relocations will be required.

The literature search 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 7844433) is a Type 302N Steel Multi-beam structure originally built in 1907. The bridge was extensively rehabilitated in 1984 when the superstructure was replaced. This bridge is not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). The replacement of non-historic bridges is an activity which is exempt from further cultural resource consideration by the 11/8/17 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 executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, 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. No further coordination is required in accordance with the Section 106 Programmatic Agreement. 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) Form 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.



Environmental Document Level: C2
PID 114350 TRU TR 0222 01.86 (Housel-Craft)

Approved: 5/25/2023

The project proposes to impact a total of 195 linear feet of stream channel (2 streams). See the stream impact information for the project in the Permit Determination Request in the Project File/Permits/Waterways subsection and the Ecological Tab. The project also proposes to remove a total of 0.24 acre of habitat for federally and state-listed bats. See the threatened and endangered species information for the project in the Level 1 Ecological Survey Report in the Project File/Ecological/Reports subsection and the Ecological Tab.

ODOT District 4 Environmental Section 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, emergency/public service providers. To notify the local Amish community about the project, a copy of the news release was posted to the Community Board at the Dollar General and Farmington Hardware and Harness in West Farmington, Hurds Amish Market in Southington and End of the Commons General Store in Mesopotamia. Additionally, copies of the project notification letter were provided to Farmington Township Trustee, Mike Davis, who subsequently provided them to Amish community leader and owner of Farmington Hardware and Harness, David Farmwald, for distribution within the local Amish community. Newspaper articles about the project were published in the Warren Tribune Chronicle and on the WKBN and WYTV websites. Comments were requested by all the public involvement activities conducted for the project. Comments were received from one stakeholder, John Hickey, Trumbull County EMA Director and one property owner, John Detweiler, 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 is less than the total project cost specified in the ODOT State Fiscal Years 2021 - 2024 Statewide Transportation Improvement Program (STIP).

The next phase of the proposed project is listed on the STIP: Yes

Ellis STIP Details

Phase	Current STIP Reference
ENV	114350: 21-24 STIP
CO	114350: 21-24 STIP
DD	114350: 21-24 STIP

The current cost estimate is in line with existing federal procedures for Ohio STIP Amendments and Administration Modifications: Yes

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 -

1. **a.** Acquisition of more than a minor amount of ROW (exceeds strip takes)
2. **b.** Residential or non-residential displacements
3. **c.** A U.S. Coast Guard permit or an Individual Section 404 permit under the Clean Water Act
4. **d.** A Section 106 finding of *Adverse Effect*
5. **e.** Section 4(f) impacts greater than de minimis



Approved: 5/25/2023

6. **f.** A finding of *May Affect, Likely to Adversely Affect* to Threatened and Endangered Species
7. **g.** Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions
8. **h.** Changes in access control
9. **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)
10. **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
11. **k.** No minor public or agency controversy on environmental grounds (no opposition from any organized groups or agencies and no unresolved environmental coordination)
12. **l.** A full Environmental Justice Analysis Report (EJAR) is required (the project must be processed as a D-level CE or higher-level document). If a memo-to-file/letter/IOC-format EJAR Short Report is determined to be the appropriate level of documentation, contact OES regarding NEPA document level.

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.

Ecological

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?	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	10/31/2022
Endangered Species - Critical Habitat Present/Impacted	
Indiana bat	
Northern long-eared bat	
Endangered Species - Other Critical Habitat Present/Impacted:	Yes
Endangered Species - Other Description:	Tricolored Bat



Scenic Rivers

Environmental Document Level: C2
PID 114350 TRU TR 0222 01.86 (Housel-Craft)

Approved: 5/25/2023

No National Wild and Scenic River
Within 1000 Feet of the Proposed
Project Area

Scenic Rivers Remarks

The project will not impact any scenic rivers.

Floodplains

100-Year Floodplain:

No Encroachment Within a Special
Flood Hazard Area (SFHA)

Floodplain Remarks

ODOT District 4 Environmental Section 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.

Section 4(f)

Section 4(f): Not present

Section 4(f) Determination Date - de minimis - Cultural Resources 05/01/2023

Section 6(f)

Section 6(f): Not present

Cultural Resources

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** 05/01/2023

Cultural Resources Remarks



Environmental Document Level: C2
PID 114350 TRU TR 0222 01.86 (Housel-Craft)

Approved: 5/25/2023

The undertaking is limited to the replacement of a 28-foot-long steel beam bridge in rural Farmington Township, Trumbull County, Ohio. A new concrete box beam structure will be placed on the existing line and grade allowing construction activities to focus on the existing operational right-of-way. No new or additional right-of-way will be needed to replace the existing structure. No buildings will be involved in construction and no relocations will be required.

The literature search 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 7844433) is a Type 302N Steel Multi-beam structure originally built in 1907. The bridge was extensively rehabilitated in 1984 when the superstructure was replaced. This bridge is not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). The replacement of non-historic bridges is an activity which is exempt from further cultural resource consideration by the 11/8/17 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 executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, 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. No further coordination is required in accordance with the Section 106 Programmatic Agreement. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the Cultural Resources Tab.

Environmental Resources Considered

The following environmental resources are present and have been studied for potential impacts:

Regulated Materials

Farmland

Air Remarks

The project will not impact air quality.

Noise Remarks

The project will not change traffic noise.

**The project involves ROW acquisition, Deep Excavation, or OEPA
513 Landfill Authorization:**

Yes - Screening

Regulated Materials Review Screening:

No Further Regulated Materials Review

Regulated Materials Review Screening - DEC/OES Approval Date:

04/26/2023

Regulated Materials Review Remarks:

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

Farmland:

Non-Urbanized Area; No Impacts in
Accordance With the Farmland
MOU, 7 CFR 658, and ORC 929.05

Environmental Justice

Projects that meet C2 criteria must be in accordance with ODOT's EJ Guidance and activities conducted for Public Involvement are commensurate to the project's type and scope of work.



Environmental Justice Populations

Present; No EJAR Required, Does Not Exceed EJ Guidance Criteria, and No Issues Raised During Public Involvement

Identified Environmental Justice Populations

Census Block Group #	% Minority	% Low Income
391559305003	0	32

Environmental Justice Remarks

The proposed project will have no changes to access or relocations and no disproportionately high and adverse effects to minority or low-income populations. No concerns related to impacts on Environmental Justice populations were raised as a result of public involvement activities conducted as part of the proposed project. Therefore, in accordance with the protections of Executive Order 12898, no further analysis is required. See Environmental Justice documentation for the project in the Project File/Environmental Justice/Project Information subsection.

Public Involvement

Public Involvement:

Minimum PI Requirements Met; No Minor Public or Agency Controversy on Environmental Grounds

Public Involvement Remarks

The Trumbull County Engineer (TCE) conducted various public involvement activities for the project, including a press release, TCE website posting and project notification letters to property owners, stakeholders, emergency/public service providers. To notify the local Amish community about the project, a copy of the news release was posted to the Community Board at the Dollar General and Farmington Hardware and Harness in West Farmington, Hurds Amish Market in Southington and End of the Commons General Store in Mesopotamia. Additionally, copies of the project notification letter were provided to Farmington Township Trustee, Mike Davis, who subsequently provided them to Amish community leader and owner of Farmington Hardware and Harness, David Farmwald, for distribution within the local Amish community. Newspaper articles about the project were published in the Warren Tribune Chronicle and on the WKBN and WYTV websites. Comments were requested by all the public involvement activities conducted for the project. Comments were received from one stakeholder, John Hickey, Trumbull County EMA Director and one property owner, John Detweiler, 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.

Environmental Commitments

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/TRI-COLORED BAT: THE PROJECT SITE IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT, NORTHERN LONG-EARED BAT AND TRI-COLORED 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) Freshwater Mussels: A freshwater mussel reconnaissance and if necessary, relocations, will be conducted prior to project construction.



Environmental Document Level: C2
PID 114350 TRU TR 0222 01.86 (Housel-Craft)
Approved: 5/25/2023

Preparers and Approvals

Form Preparer: Nicole Clune
Clune Consulting Services LLC
3931 SR 119, Minster OH 45865
419-305-0144
nicole@cluneconsult.com

Supporting Form Preparer(s): Edward Deley
Lorie Feudner
Sean Carpenter
Brett AllerdinCurfman

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	5/25/2023



Appendix

General

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Other Resources

Urbanized Area Map.pdf

Environmental Justice

Census Mapping.pdf

Public Involvement

News Article - WKBN.pdf

News Article - WYTV.pdf

News Article - Warren Tribune.pdf

Press Release.pdf

Property Owner Notification Letter - Right-of-Entry.pdf

Property Owner Notification Mailing List.pdf

Public Comments Received - John Detweiler.pdf

Response to Public Comments - John Detweiler.pdf

Response to Stakeholder Comments - Trumbull County EMA.pdf

Stakeholder - Property Owner - Amish Notification Letter.pdf

Stakeholder - Property Owner - Amish Notification List.pdf

Stakeholder Comments - Trumbull County EMA.pdf

Trumbull County Engineer Website Posting.pdf

Permits

FEMA FIRM.pdf