



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU Morford Road Bridge PID 98774

Environmental Document Level: C2

Approved: 6/21/2018

Prepared By: District 4

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 11, 2015, and executed by FHWA and ODOT.

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C2

PID:	98774
Project Sponsor:	TRUMBULL COUNTY ENGINEER
ODOT District:	4
Funding Source:	Federal
Private Funding:	No
Project Description:	

The Trumbull County Engineer plans to improve Morford East Road in Kinsman Township, Trumbull County, Ohio. The project proposes to remove the existing deteriorated/deficient 42-foot single-span steel pony truss on reinforced concrete abutments on spread footings, Structure No. TRU-T272-020/Structure File Number (SFN) 7845022, built in 1977, spanning Stratton Creek and replace it with a 60-foot single-span composite prestressed concrete box beam bridge on reinforced concrete abutments on spread footings.

During project construction, traffic on Morford East Road will be detoured for a maximum of ninety (90) consecutive days to replace the bridge spanning Stratton Creek. The official detour route for this bridge closure will utilize State Route (SR) 5 and SR 7. Access shall be maintained to all adjacent properties throughout construction of the project. No substantial traffic disruptions are anticipated to construct the project.

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.

The maximum permanent impact to Stratton Creek below the Ordinary High Water Mark (OHWM) elevation is anticipated to be a total of 51 linear feet. The explanation of stream impacts can be found in the Level 1 Ecological Survey Report (ESR) in the Project File/Ecological/Reports subsection as Level 1 Ecological Survey Report TRU-Morford East Rd Br PID 98774.pdf. The project will not impact any other environmentally sensitive resources within the project study area.

The Trumbull County Engineer conducted various public involvement activities including a press release, Trumbull County Engineer website posting and public notification letters to various emergency and public services and property owners who would have an interest in this project. Three (3) comments were received as a result of the public involvement activities conducted for the project. All public involvement documentation, including the received public comments and Trumbull County Engineer's responses, if required, can be found in the Project File/Public Involvement/Project Information subsection.

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



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The estimated project cost specified in Ellis is in agreement with the project funding specified in the Eastgate Regional Council of Governments Fiscal Year (FY) 2018 - FY 2021 Transportation Improvement Program (TIP).

STIP Reference #

2018stipID0221FDCO 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:

No Impacts to Protected Species and Critical Habitat

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 A

Cultural Resources Coordination - ODOT Approval Date:

04/17/2018

Projects that meet C2 criteria are not anticipated to have impacts to the following environmental resources. If



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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:	06/18/2018
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	04/19/2018
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: THE MORFORD EAST ROAD BRIDGE IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. TREE TRIMMING IS PERMITTED AT THIS LOCATION AS DIRECTED BY THE PROJECT ENGINEER, HOWEVER, NO TREES SHALL BE REMOVED AT THIS LOCATION. 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: 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 DURING CONSTRUCTION UNTIL THE PERMIT(S) ARE OBTAINED.
- 3) The Project Designer shall incorporate the following note into the plans: WETLANDS AVOIDANCE: UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER WETLAND 1 LOCATED ADJACENT TO THE MORFORD EAST ROAD BRIDGE AND DEPICTED WITHIN THE PROJECT PLANS. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THESE WATERS. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT ALL CONSTRUCTION MATERIALS, WASTE MATERIALS, WATER CHEMICALS OR OTHER SUBSTANCES USED TO CONSTRUCT THE PROJECT FROM ENTERING THE WETLANDS. SHOULD ANY MATERIALS AND/OR DEMOLITION DEBRIS FALL INTO THESE WATERS, ALL WORK SHALL BE STOPPED, AND ALL DEBRIS/MATERIAL, ETC., SHALL BE REMOVED IMMEDIATELY AND IN SUCH A WAY AS TO MINIMIZE TURBIDITY THAT COULD DEGRADE WATER QUALITY AND ADVERSELY AFFECT AQUATIC PLANT AND ANIMAL LIFE.
- 4) 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 BRIDGE STRUCTURE FROM ENTERING STRATTON CREEK 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 THE STREAM, ETC., AND UNDER NO CIRCUMSTANCES SHALL ANY SEALER BE STORED WITH THE 100-YEAR FLOOD PLAIN OF THE STREAM, ETC.



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Preparers and Approvals

Form Preparer

District 4
Contact: Edward Deley
330-786-4930
Edward.Deley@dot.ohio.gov

Supporting Form Preparer(s):

Jeffrey Cutler
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	6/21/2018



Appendix

General

USGS Quadrangle Topographical Map.pdf

ESA

District Determination - No ESA Studies Required.pdf

Cultural Resources

Records Check.pdf

Ecological

OES Approval - No ODNR and USFWS Notification.pdf

Other Resources

Water Source Protection Area Map.pdf

Underserved Populations

Underserved Populations Documentation Form.pdf

Census Mapping.pdf

Public Involvement

Trumbull County Engineer Website Posting.pdf

Public Comments Received.pdf

Response to Public Comments.pdf

Press Release.pdf

Public Notification Mailing List.pdf

Public Notification Letters.pdf

News Article - WFMJ.pdf

Permits

FEMA FIRM.pdf