



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU TR 095A 00.18 (Layer Rd) PID 117395

Environmental Document Level: C1

Approved: 3/22/2023

Prepared By: District 4

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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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C1

PID: 117395
Project Sponsor: TRUMBULL COUNTY ENGINEER
ODOT District: 4
Funding Source: Federal

Project Description:

The Trumbull County Engineer (TCE) proposes to replace the existing 34-foot single-span non-composite steel beam bridge on stone abutments carrying Township Road (TR) 95A/Layer Road over Duck Creek between Kibler Toot Road and Hewitt Gifford Road in Warren Township, Trumbull County. The existing bridge will be replaced by a new prefabricated 56-foot reinforced concrete arch bridge with precast wingwalls, headwalls and footings. The width of the bridge structure will be increased from 18 feet to 28 feet to accommodate 2 lanes of traffic. The proposed new wingwalls will be installed behind the existing abutments to eliminate impacts to Duck Creek. Additional improvements proposed by this project include approach roadway pavement resurfacing, pavement striping, relocation of an existing 24" diameter storm drainage pipe and the installation of 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, TR 95A/Layer 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 Hewitt Gifford Road, South Leavitt Road and Kibler Toot Road. Construction and bridge closure/detour information will be posted along TR 95A/Layer Road within the project construction limits and along all intersecting side roads prior to 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.

Multiple overhead and underground utilities exist within the project study area. These include electric, gas and telecommunication utilities. Relocations of the underground gas and overhead telecommunications utilities will be necessary to complete the work and shall be coordinated with the service providers. These utility relocations will occur within the existing roadway right-of-way. The remaining utilities at this location do not conflict with the project and will not be impacted during project construction. 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. 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. Therefore, 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. 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.

Additionally, this project is considered ecologically exempt under the Ecological MOA (Agreement 19394). See the Ecologically Exempt TRU-TR95A-0.18.pdf for the project in the Project File/Ecological/Reports subsection.



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 area. The Project Designer shall ensure the project is designed to comply with all applicable Local, State and Federal floodplain protection standards. See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection.

The project will not impact any 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 the public involvement activities conducted for the project. The TCE received comments from one (1) stakeholder and one (1) property owner 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 9.89% greater than the total project cost specified in the ODOT State Fiscal Years 2021 - 2024 Statewide Transportation Improvement Program (STIP). However, fiscal constraint is at the Statewide Line Item (SLI) Group level. Therefore, an individual project utilizing a SLI does not require a STIP/TIP amendment.

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

Ellis STIP Details

Phase	Current STIP Reference
PE Environmental	117395: 21-24 STIP
Construction	117395: 21-24 STIP
PE Detailed Design	117395: 21-24 STIP

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

Cultural Resources Coordination: Minimal Potential to Cause Effect Appendix A

Cultural Resources Coordination Date: 02/23/2023

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

Supporting documentation has been uploaded to Project File: Yes

Select the appropriate project type (more than one can be selected):

(22) Projects, as defined in 23 U.S.C. 101 that would take place entirely within the existing operational right-of-way. Existing operational right-of-way refers to right-of-way that has been disturbed for an existing transportation facility or is maintained for a transportation purpose. This area includes the features associated with the physical footprint of the transportation facility (including the roadway, bridges, interchanges, culverts, drainage, fixed guideways, mitigation areas, etc.) and other areas maintained for transportation purposes such as clear zone, traffic control signage, landscaping, any rest areas with direct access to a



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controlled access highway, areas maintained for safety and security of a transportation facility, parking facilities with direct access to an existing transportation facility, transit power substations, transit venting structures, and transit maintenance facilities. Portions of the right-of-way that have not been disturbed or that are not maintained for transportation purposes are not in the existing operational right-of-way. ***Examples include: Tower lighting within the existing operational right-of-way; Guardrail installation and replacement (including median cable barriers) where roadway ditches and backslopes will not be relocated; Improvements to existing ODOT/County maintenance facilities; Construction of new ODOT/County maintenance facilities within existing operational right-of-way; Environmental mitigation activities within existing operational right-of-way; Work on pedestrian and vehicle transfer structures and associated utilities, buildings, and terminals within existing operational right-of-way; Construction of alternative energy facilities (fuel tank farms, wind turbines, etc.)***

Environmental Commitments:

Yes



Environmental Commitments

C1

1) The project designer shall incorporate the following note into the project plans. **STREAM AVOIDANCE:** UNDER NO CIRCUMSTANCES SHALL ANY MECHANICAL EQUIPMENT (LIFT, BACKHOE, CRANE, ETC.) AND/OR MATERIALS ENTER THE STREAM. NO FILL MATERIAL (INCLUDING ROCK, ACCESS/WORK PADS, ETC.) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THE STREAM (OHWM IS THE ELEVATION AT WHICH THE VEGETATION ON THE STREAM BED ENDS DUE TO THE FLOW OF THE STREAM) AND THE PROPOSED COFFERDAM(S) MUST BE CONSTRUCTED BEHIND THE EXISTING ABUTMENTS AND SHALL NOT BREACH THE STREAM CHANNEL BELOW THE OHWM. 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 STREAM.

2) The project designer shall incorporate the following note into the project plans. **DEMOLITION DEBRIS:** THE CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID AND/OR LIMIT DEMOLITION DEBRIS FROM ENTERING THE STREAM. ANY MATERIAL THAT DOES FALL INTO THE STREAM SHALL BE REMOVED AS SOON AS POSSIBLE.



Preparers and Approvals

Form Preparer

District 4
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Supporting Form Preparer(s):

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Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	3/22/2023



Appendix

General

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Records Check.pdf

Ecological

ODNR Scenic River MOA Conditions

Public Involvement

Press Release.pdf

Public Comments Received - Hogue.pdf

Response to Public Comments - Hogue.pdf

Response to Stakeholder Comments - Trumbull County EMA.pdf

Stakeholder - Property Owner Notification Letter.pdf

Stakeholder - Property Owner Notification List.pdf

Stakeholder Comments - Trumbull County EMA.pdf

Trumbull County Engineer Website Posting.pdf

Permits

FEMA FIRM.pdf

Local Floodplain Administrator Approval.pdf

Local Floodplain Administrator Responses.pdf