



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **TRU SR 0046 25.07 PID 115443**

**Environmental Document Level: C1**

**Approved: 11/1/2021**

**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**

<b>PID:</b>	115443
<b>Project Sponsor:</b>	DISTRICT 4-PLANNING
<b>ODOT District:</b>	4
<b>Funding Source:</b>	Non-Federal
<b>Does this project require a Federal permit or approval?</b>	No
<b>Private Funding:</b>	No
<b>Project Description:</b>	



## Environmental Document Level: C1

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The Ohio Department of Transportation (ODOT) proposes to rehabilitate the existing State Route (SR) 46 bridge over Mosquito Creek, Structure No. TRU-46-25.07/Structure File Number (SFN) 7802994, a 76-foot single-span prestressed concrete box beam bridge with non-composite concrete deck on stub abutments, in Greene Township, Trumbull County. This project is a design-build project that proposes to remove the existing superstructure and replace it with either a composite reinforced concrete deck superstructure or a prestressed concrete box beam superstructure, remove portions of the existing abutments and convert them to integral abutments, patch all unsound areas of the existing substructure, remove/replace approach slabs and guardrail, seal all exposed concrete surfaces of the existing substructure with epoxy-urethane, replace approach roadway pavement, apply new center line/edge line pavement markings, clear/grub all vegetation along the guardrail between the roadway and right-of-way line on both sides of the road and remove/replace structure identification signs.

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.

SR 46 at the bridge site will be closed to traffic for a maximum of forty-five (45) consecutive days during project construction. The official detour route for this closure will utilize SR 87, SR 11 and U. S. Route (USR) 322. Construction and bridge closure/detour information will be posted within the project construction limits and all intersecting side roads prior to the start of project construction. Access shall be maintained to all adjacent properties, businesses and intersecting side roads during project construction. Substantial traffic disruptions are not expected during project construction.

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

The relocation of an existing USGS Stream Gauge station within the project study area will be necessary to construct the project. This minor utility relocation will occur within the existing roadway right-of-way. Other utility impacts are not anticipated to construct the project. Utilities will not be permanently removed to construct the project. Coordination with the utility company affected by the proposed construction activities will be conducted for the project during its design phase as part of the Design-Build contract.

The project has no Federal funding (100% State funded project) and does not involve a Federal action.

The project is exempt from consultation with the Ohio State Historic Preservation Office (SHPO)/Ohio History Connection (OHC) under Ohio Revised Code (ORC) Section 149.53 and stipulations in Appendix A of the revised State Funded Project Letter Agreement (Agreement No. 17075), between Ohio's SHPO and ODOT, executed August 29, 2012. The work is an exempted project type as referenced in Appendix A under Item 8 (bridge deck overlays, bridge deck replacements, superstructure replacement and other maintenance activities, including bridge painting projects). This undertaking occurs within existing highway/roadway rights-of-way and the proposed work will not impact any historic properties or historic districts. The project will not impact any cultural resources. 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.

The project proposes to impact 0.09 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*). All SWH proposed to be impacted by the project is located within 100 feet of the roadway edge of pavement. See the ecological and threatened/endangered species documentation for the project in the Project File/Ecological/Reports subsection and in 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.

ODOT District 4 conducted various public involvement activities for the project, including a news release, website posting and project notifications sent to affected residents, property owners, stakeholders and emergency/public services. Additionally, to notify the Amish Community of the upcoming project, a project notification flyer was provided to the Amish Community in Greene Township via distribution by Bill Barnett, Greene Township Trustee. Project comments were requested with all public involvement activities. Public comments were not received 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 Preliminary Design-Build Scope for the project. When available, the project plans will be reviewed by ODOT District 4 Environmental Section personnel and uploaded to the Project File/General/Project Information subsection as Stage 3 Design.pdf. See the Preliminary Design-Build Scope for the project in the Project File/General/Project Information subsection as Preliminary Design Build Scope.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 #:

115443: 21-24 STIP/SLI Group  
Project. Fiscal constraint is at SLI  
Group level.

Cultural Resources Coordination:

ORC 149.53 Appendix A

Cultural Resources Coordination Date:

10/07/2021

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 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.)***

(31) Activities that do not utilize federal monies or require federal actions.

Environmental Commitments:

Yes



## Environmental Commitments

### C1

1) The Project Designer shall incorporate the following note into the plans:

ENDANGERED SPECIES HABITAT - INDIANA BAT/NORTHERN LONG-EARED BAT  
THE TRU-46-25.07 PROJECT SITE 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 THIS 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:

STREAM AVOIDANCE - TRU-46-25.07:  
UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER MOSQUITO CREEK AT THE AFOREMENTTIONED LOCATION. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS SUCH AS WORK PADS, COFFERDAMS, ETC.) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF MOSQUITO CREEK. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT ALL DEMOLITION DEBRIS, CONSTRUCTION MATERIALS, WASTE MATERIALS, WATER, CHEMICALS OR OTHER SUBSTANCES USED TO CONSTRUCT THE PROJECT FROM ENTERING MOSQUITO CREEK.



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### **Preparers and Approvals**

**Form Preparer**

District 4  
Contact: Edward Deley  
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Edward.Deley@dot.ohio.gov

**Supporting Form Preparer(s):**

Sean Carpenter  
Thomas Powell

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	11/1/2021



## Appendix

### General

USGS Quadrangle Topographical Map.pdf

### Cultural Resources

Records Check.pdf

### Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

### Public Involvement

District Website Posting.pdf

Emergency and Public Services Notification List.pdf

Emergency and Public Services Notification.pdf

Press Release.pdf

Project Notification Flyer.pdf

Property Owner Notification Letter.pdf

Public Notification Mailing List.pdf

### Permits

FEMA FIRM.pdf