



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

**TRU SR 7/305 17.02/23.97 PID 94118**

**Environmental Document Level: C2**

**Approved: 9/18/2018**

**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 11, 2015, and executed by FHWA and ODOT.*

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## C2

<b>PID:</b>	94118
<b>Project Sponsor:</b>	DISTRICT 4-PLANNING
<b>ODOT District:</b>	4
<b>Funding Source:</b>	Federal
<b>Private Funding:</b>	No

### **Project Description:**

The Ohio Department of Transportation (ODOT) plans to improve State Route (SR) 7 and SR 305 in Kinsman, Hartford and Vernon Townships, Trumbull County, Ohio. The project proposes to mill and resurface 6.46 miles of SR 7 from Straight Line Mile (SLM) 17.02 to SLM 23.48, mill and resurface 2.57 miles of SR 305 from SLM 23.97 to SLM 26.54, install new guardrail with anchor end/bridge terminal assemblies and barrier reflectors, perform partial-depth pavement repairs and apply edge/center/stop lines and other pavement markings. Moreover, the project proposes minor structure maintenance on two (2) bridges, Structure No. TRU-7-19.98/Structure File Number (SFN) 7801599 spanning Mill Creek and Structure No. TRU-7-23.31/SFN 7801610 spanning an unnamed tributary (UT) to Pymatuning Creek. Specified below are the maintenance items proposed on these structures.

**TRU-7-19.98 (Mill Creek):** The project proposes to install a deep beam railing on each side of the existing 67' continuous concrete slab bridge and place new rock channel protection (RCP) along the back walls.

**TRU-7-23.31 (UT to Pymatuning Creek):** The project proposes to remove the existing asphalt concrete overlay and replace it with a new waterproof asphalt concrete overlay, repair the concrete deck after removal of the existing asphalt concrete overlay, replace the existing drip strip with a new drip strip, replace the existing deep beam railing on each side of the existing 23' concrete frame simple span bridge, patch all unsound areas of the substructure, remove spalled areas from the bottom of the bridge deck floor, seal spalled areas of the bridge deck floor with epoxy-urethane, seal all exposed concrete surfaces on the deck edges, abutments and wing walls with non-epoxy urethane, clear/grub vegetation within 15' of the structure and install new structure identification signs.

During project construction, a minimum of one ten-foot lane in each direction shall be maintained at all times along SR 7 and SR 305, except when necessary to close the SR 7 bridge at Mile Marker 19.98 to vehicular traffic for a maximum of three (3) consecutive days to complete the proposed maintenance activities. The official detour route for this closure will utilize SR 88 and SR 5. Access shall be maintained to all adjacent properties, businesses and



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intersecting side streets for the duration of the project. No substantial traffic disruptions are anticipated during project construction.

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

Existing utilities within the project study area(s) will not be impacted/relocated to construct the project.

In consideration of the information contained in the Regulated Materials Review Form prepared for the project, no further environmental site assessment or special materials management is warranted for the project.

Based on the Stage 3 Design Plans, the project has minimal potential to cause effects to historic properties under Appendix A.

The maximum length of permanent impacts to Mill Creek below the Ordinary High Water Mark (OHWM) elevation for the TRU-7-19.98 project is anticipated to be 36 linear feet (0.003 ac.). 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 TRU-7-19.98 PID 94118.pdf and the Permit Determination Request in the Project File/Permits/Waterways subsection as Permit Determination Request.pdf.

The project will not impact any other environmentally sensitive resources within the project study areas.

ODOT-District 4 conducted various public involvement activities including a news release, District website posting, property owner notification letters and emergency/public service notifications. Public comments were not received as a result of the public involvement activities conducted for the project. All public involvement documentation can be found in the Project File/Public Involvement/Project Information subsection.

The environmental document and associated studies, as applicable, were approved using the Stage 3 Design plans for the project. A copy of the Stage 3 Design plans for the project is included in the Project File/General/Project Information subsection as Stage 3 Design.pdf.

The estimated total 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 #**

Statewide Line Item (SLI) Number 32  
and is fiscally constrained.

**Select the appropriate project type:**



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(26) Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (including parking, weaving, turning, and climbing lanes), if the action meets the constraints in paragraph (e) of this section. **Examples include: Joint or limited use of right-of-way where the proposed use would have minimal or no adverse social (including highway safety), economic or environmental impacts; Installation of new noise walls and other new noise mitigation projects; Construction of highway safety and truck escape ramps; Construction of bicycle lanes and pedestrian walkways, sidewalks, shared-use paths, or facilities and trailhead parking that do not otherwise qualify for a C1 designation; Beautification or facility improvement projects (i.e. landscaping, curb and gutter installation and replacement, ADA ramps/curb ramps, installation of park benches, decorative lighting, etc.); Construction of alternative energy facilities (fuel tank farms, wind turbines, etc.)**

(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.

<b>Waterways:</b>	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
<b>Waterways Permit Type:</b>	Nationwide Permit
<b>Waterways Permit Approval Date</b>	08/21/2018
<b>Isolated Wetland Permit</b>	No
<b>Endangered Species:</b>	Present; No finding of May Affect, Likely to Adversely Affect
<b>Endangered Species - Coordination</b>	May Affect, Not Likely to Adversely Affect
<b>Endangered Species - Coordination Date</b>	05/31/2018
<b>Endangered Species - Critical Habitat Present/Impacted</b>	
Eastern massasauga	
<b>Endangered Species - Other Critical Habitat Present/Impacted:</b>	No



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<b>100-Year Floodplain:</b>	Encroachment Within the SFHA is a Functionally Dependent Use
<b>EO 11988/NFIP Coordination and Documentation Completed:</b>	Yes
<b>NFIP Local Floodplain Coordinator Notification Date:</b>	08/14/2018
<b>Section 4(f):</b>	Present; No Impacts and/or Access Restrictions
<b>Section 6(f):</b>	Not present
<b>Cultural Resources:</b>	Present; No Finding of Adverse Effect
<b>Cultural Resources Coordination:</b>	Minimum Potential to Cause Effect - Appendix A
<b>Cultural Resources Coordination - ODOT Approval Date:</b>	08/07/2018
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.	
<b>Air Quality:</b>	Studies Not Required
<b>Air Quality - Coordination with OES:</b>	No
<b>Noise:</b>	Studies Not Required
<b>Noise Coordination - OES Approval Date:</b>	09/05/2018
<b>Hazardous Materials - ESA Screening Conducted</b>	Yes
<b>Hazardous Materials - OES Approval Date:</b>	08/27/2018
<b>Phase I ESA Warranted Based on Coordination with OES:</b>	No Further Studies Warranted
<b>Farmland:</b>	Non-Urbanized Area; No Impacts in Accordance With the Farmland MOU, 7 CFR 658, and ORC 929.05
<b>Scenic Rivers</b>	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.	
<b>Underserved Populations</b>	Does Not Exceed UP Guidance Criteria; No UP Analysis Report Required and No UP Issues Raised During Public Involvement
<b>Public Involvement:</b>	Minimum PI Requirements Met; No Minor Public or Agency Controversy on Environmental Grounds
<b>Environmental Commitments</b>	Yes



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## Environmental Commitments

### C2

1) The project designer shall incorporate the following note into the plans: ENDANGERED SPECIES - EASTERN MASSASAUGA RATTLESNAKE: THIS PROJECT IS WITHIN THE RANGE OF THE EASTERN MASSASAUGA RATTLESNAKE (SISTRURUS CATENATUS) A STATE ENDANGERED AND FEDERAL THREATENED SPECIES. IF EASTERN MASSASAUGA RATTLESNAKES ARE ENCOUNTERED IN THE WORK AREA(S) DURING CONSTRUCTION, NO PERSON SHALL HARM OR KILL THE SNAKES OR ATTEMPT TO HANDLE THE EASTERN MASSASAUGA RATTLESNAKE. ALL CONSTRUCTION OPERATIONS AT THE WORK AREA SHALL TEMPORARILY CEASE AND ODOT OFFICE OF ENVIRONMENTAL SERVICES - ECOLOGICAL SECTION (614-466-5129 OR 614-466-5112) AND THE UNITED STATES FISH AND WILDLIFE SERVICE (USFWS) COLUMBUS FIELD OFFICE (614-416-8993) WILL BE IMMEDIATELY CONTACTED. CONSTRUCTION OPERATIONS WILL NOT RESUME UNTIL COORDINATION WITH USFWS HAS BEEN CONCLUDED.

2) The project designer shall incorporate the following note into the plans: WETLAND AVOIDANCE - TRU-7-19.98: UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER THE WETLANDS ADJACENT TO THE TRU-7-19.98 BRIDGE AND DEPICTED IN THE ECOLOGICAL RESOURCES MAPPING AVAILABLE FOR THIS LOCATION. THE ECOLOGICAL RESOURCES MAPPING IS AVAILABLE FOR INSPECTION AT THE ODOT DISTRICT 4 OFFICE, 2088 SOUTH ARLINGTON ROAD, AKRON, OHIO 44306. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THESE WETLANDS. 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 THESE 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.

3) The project designer shall incorporate the following note into the plans: STREAM AVOIDANCE - TRU-7-23.31: UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER THE UNNAMED TRIBUTARY TO PYMATUNING CREEK AT TRU-7-23.31. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THE UNNAMED TRIBUTARY TO PYMATUNING CREEK. 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 UNNAMED TRIBUTARY TO PYMATUNING CREEK. SHOULD ANY MATERIALS AND/OR DEMOLITION DEBRIS FALL INTO THE UNNAMED TRIBUTARY TO PYMATUNING CREEK, 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.



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- 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 ANY STREAMS, WETLANDS OR OTHER WATERS OF THE UNITED STATES 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 THESE WATERS AND UNDER NO CIRCUMSTANCES SHALL ANY SEALER BE STORED WITH THE 100-YEAR FLOOD PLAIN OF ANY STREAMS, ETC.
- 5) The project designer shall incorporate the following note into the plans: SHENANGO WILDLIFE AREA - TRU-7-19.98 AND TRU-7-23.31: THE CONTRACTOR SHALL NOT STAGE OR STORE ANY CONSTRUCTION EQUIPMENT AND/OR MATERIALS WITHIN THE SHENANGO WILDLIFE AREA BOUNDARY.
- 6) The project designer shall incorporate the following note into the plans: DRINKING WATER RESOURCES: CAUTION WILL BE EXERCISED DURING REFUELING OPERATIONS AND DURING CONSTRUCTION EQUIPMENT MAINTENANCE ACTIVITIES. IN CASE OF AN INCIDENT AND/OR SPILL, THE CONTRACTOR SHALL, AS SOON AS POSSIBLE, NOTIFY THE ENGINEER/SUPERVISOR AND CONTACT THE OHIO EPA: OHIO EPA SPILL REPORTING 24 HOUR EMERGENCY SERVICE CALL: 1-800-282-9378 OR NEDO (330) 963-1200 AND PROVIDE AS MUCH OF THE FOLLOWING INFORMATION AS POSSIBLE: 1. TIME OBSERVED 2. LOCATION 3. MATERIAL RELEASED 4. PROBABLE SOURCE 5. VOLUME & DURATION 6. PRESENT & ANTICIPATED MOVEMENT OF CONTAMINANT 7. PERSONNEL ON SCENE 8. ACTIONS ALREADY INITIATED 9. PERSON(S) ON THE SCENE TO CONTACT.



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### **Preparers and Approvals**

**Form Preparer**

District 4  
Contact: Edward Deley  
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**Supporting Form Preparer(s):**

Christine Copeland  
Mark Andrasik  
Sean Carpenter

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	9/18/2018



## Appendix

### General

USGS Quadrangle Topographical Map.pdf

### ESA

District Determination - No ESA Studies Required.pdf

### Cultural Resources

Buckeye Assets Mapping.pdf

Records Check.pdf

### Ecological

USFWS Comments Consult Form TRU-7-19.98 PID 94118.pdf

Coordination with ODNR and USFWS.pdf

ODNR Comments.pdf

### Other Resources

Water Source Protection Area Map.pdf

### Underserved Populations

Underserved Populations Documentation Form.pdf

Census Mapping.pdf

### Public Involvement

Emergency and Public Services Notification List.pdf

Emergency and Public Services Notification .pdf

Press Release.pdf

District Website Posting.pdf

Public Notification Mailing List.pdf

Property Owner Notification Letter.pdf

### Permits

District Determination - No Floodplain Impacts.pdf

Coordination with Local Floodplain Administrator.pdf

FEMA FIRM.pdf

Project Manager Floodplain Notification.pdf

Public Explanation of Floodplain Impacts.pdf