



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU LG FY2025 PID 107767

Environmental Document Level: C1

Approved: 3/18/2024

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:	107767
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Non-Federal
Does this project require a Federal permit or approval?	No
Project Description:	



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The Ohio Department of Transportation (ODOT) proposes to replace the existing conventional lighting with new tower and low mast LED lighting and associated electrical connection items at the State Route (SR) 5/SR 82/Larchmont Avenue/Perkins-Jones Road interchange in Bazetta Township, Trumbull County. This project also proposes to replace the existing lighting with both conventional as well as tower and low mast LED lighting at the SR 5/SR 82/U.S. Route 422 and SR 5/SR 82/Elm Road interchanges in Bazetta, Howland and Warren Townships, Trumbull County.

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*.

A minimum of one ten-foot lane of traffic in each direction shall be maintained on the existing pavement during project construction. No road closures and detours are proposed to construct the project. Lane restrictions/reductions shall not be permitted after normal working hours. Construction and lane restriction/reduction information will be posted within the project construction limits prior to the start of project construction. Substantial traffic disruptions are not expected during project construction.

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

Existing utilities within the project study areas will not be impacted/relocated to construct the project. Any electric service disconnections/reconnections shall be coordinated with the electric service provider per the project plan.

Based on the project scope of work, its Path 1 Project Development Process (PDP) Classification and the proposed maintenance of traffic measures, emergency/public services contact activities were not conducted for the project.

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

A Cultural Resources Records Check was performed using the SHPO GIS online database to determine if previously recorded cultural resources are located within the project Area of Potential Effects (APE), the footprint of the project. 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. 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 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 16 (upgrade of existing tower lighting to new technologies that ensure a lesser impact than the current system) and Item 17 (approval of utility installations along or across a transportation facility). 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/RMR/Reports subsection.

Additionally, this project is considered ecologically exempt under the Ecological MOA (Agreement 19394). See the *Ecologically Exempt TRU-LG-FY2025.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 areas 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 environmentally sensitive resources within the project study areas.

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 less than the total project cost specified in the ODOT State Fiscal Years 2024 - 2027 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
CO	107767: 24-27 STIP
CO	107767: 24-27 STIP
DD	On Previous STIP

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

Yes



Cultural Resources Coordination:

ORC 149.53 Appendix A

Cultural Resources Coordination Date:

03/11/2024

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):

(2) Approval of utility installations along or across a transportation facility. **Examples include: Utility tower lighting and street lighting projects.**

(21) Release of electronics, photonics, communications, or information processing used singly or in combination, or as components of a fully integrated system, to improve the efficiency or safety of a surface transportation system or to enhance security or passenger convenience. Examples include, but are not limited to, traffic control and detector devices, lane management systems, electronic payment equipment, automatic vehicle locaters, automated passenger counters, computer-aided dispatching systems, radio communications systems, dynamic message signs, and security equipment including surveillance and detection cameras on roadways and in transit facilities and on buses. **Additional examples include: Replacement of existing or installation of new traffic signals, flashing beacons, railroad warning devices and the installation of ITS system components; Upgrade of existing tower lighting to new technologies that ensure a lesser impact than the current system; Implementation of other new safety or operations technologies (must be approved by OES).**

(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.)**

Environmental Commitments:

Yes



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Environmental Commitments

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1) The project designer shall incorporate the following note into the plans. WETLANDS AVOIDANCE: NO EXCAVATION, GRADING, OR FILLING OPERATIONS SHALL BE PERFORMED IN THE WETLAND A DELINEATED JUST BEYOND THE PROJECT CONSTRUCTION LIMITS AND DEPICTED IN THE PROJECT PLANS AND/OR THE ECOLOGICAL RESOURCES MAPPING AVAILABLE FOR VIEWING AT THE ODOT DISTRICT 4 OFFICE LOCATED AT 2088 SOUTH ARLINGTON ROAD, AKRON, OH. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE MECHANICAL EQUIPMENT (LIFT, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS IN ANY WETLANDS, ETC. ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS SECTION 107.10 (PROTECTION AND RESTORATION OF PROPERTY) PROHIBIT THE CONTRACTOR FROM CREATING STAGING AREAS NEAR STREAMS AND/OR WETLANDS.



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Preparers and Approvals

Form Preparer

District 4
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Supporting Form Preparer(s):

Rebecca Mocarski
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	3/18/2024



Appendix

General

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Records Check.pdf

Ecological

ODNR Scenic River MOA Conditions

Permits

FEMA FIRM.pdf