



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

MAH LG FY2023 (Systematic) PID 106205

Environmental Document Level: C1

Approved: 7/7/2022

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 14, 2020, and executed by FHWA and ODOT.

Table of Contents

C1.....	3
Environmental Commitments.....	6
Preparers and Approvals.....	7
Appendix.....	8



Environmental Document Level: C1
PID 106205 MAH LG FY2023 (Systematic)
Approved: 7/7/2022

C1

PID:	106205
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Non-Federal
Does this project require a Federal permit or approval?	Yes
Private Funding:	No
Project Description:	



Environmental Document Level: C1
PID 106205 MAH LG FY2023 (Systematic)

Approved: 7/7/2022

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 Interstate Route (IR) 680/Midlothian Boulevard (State Route [SR] 170) interchange in Boardman Township and the city of Youngstown, Mahoning County. This project also proposes to replace the existing lighting with both conventional as well as tower and low mast LED lighting at the IR 680/Shirley Road and IR 680/Indianola Avenue interchanges in the city of Youngstown, Mahoning County.

Mapping that depicts the project locations 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.

A minimum of one ten-foot lane of traffic in each direction shall be maintained on the existing pavement during project construction. 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) but the project is federalized since the effort involves a limited-access interstate route.

A Cultural Resources Records Check was performed by district environmental staff 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. The records check included a review of electronic data from Ohio State Historic Preservation Office (OSHP) GIS database to identify properties listed on or eligible for the National Register of Historic Places (NRHP), Ohio Historic Inventory (OHI) buildings and structures, Ohio Archaeological Inventory (OAI), as well as properties that have previously received a Determination of Eligibility (DOE). The literature search concluded there are no inventoried buildings (OHI), no known archaeological sites (OAI), and no listed or eligible historic properties identified in the project area or in the area of potential effects (APE). The proposed activities will be state-funded, but the project is federalized since the effort involves a limited-access interstate route. The roadway changes will require a Federal Highways permit, however, construction efforts will focus on the existing limited access operational right-of-way and no additional right-of-way acquisition is anticipated. No buildings will be involved in construction and no relocations will be required.

Improvements to interchanges and divided highways when the effort is limited to the existing operational right-of-way are exempt from further cultural resource consideration by the November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, if the project is not within the boundaries of any historic property or N. R. district. 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. 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 No. 19394). See the Ecologically Exempt D04-LG-FY2023 (Systematic).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 area.

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 agrees with the total project cost specified in the ODOT State Fiscal Years 2021 - 2024 Statewide Transportation Improvement Program (STIP).



Approved: 7/7/2022

STIP Reference #:

106205: 21-24 STIP SLI Group
Project/Fiscal constraint is at SLI
Group level.

Cultural Resources Coordination:

Minimal Potential to Cause Effect
Appendix A

Cultural Resources Coordination Date:

04/01/2022

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.*

(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



Environmental Commitments

C1

1) The project designer shall incorporate the following note into the plans:

TREE CUTTING/REMOVAL PROHIBITED -

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. TREE TRIMMING IS PERMITTED AS DIRECTED BY THE PROJECT ENGINEER, HOWEVER, NO TREES SHALL BE REMOVED FOR THE PROJECT. 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 - UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER PINE HOLLOW CREEK OR THE UNNAMED TRIBUTARY TO PINE HOLLOW CREEK DEPICTED IN THE PROJECT PLANS. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THE STREAM(S). 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(S).



Environmental Document Level: C1
PID 106205 MAH LG FY2023 (Systematic)

Approved: 7/7/2022

Preparers and Approvals

Form Preparer

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

Supporting Form Preparer(s):

Rebecca Mocarski
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	7/7/2022



Appendix

General

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Records Check.pdf

Ecological

ODNR Scenic River MOA Conditions

Permits

FEMA FIRM.pdf