



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

MAH Hopkins Rd Bridge Repl. PID 104607

Environmental Document Level: C2

Approved: 5/14/2019

Prepared By: Libby Rushley

Lawhon AND Associates

E-mail: lrushley@lawhon-assoc.com

District Contact: 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 11, 2015, and executed by FHWA and ODOT.

Table of Contents

| | |
|--------------------------------|----|
| C2..... | 3 |
| Environmental Commitments..... | 7 |
| Preparers and Approvals..... | 8 |
| Appendix..... | 10 |



Environmental Document Level: C2
PID 104607 MAH Hopkins Rd Bridge Repl.

Approved: 5/14/2019

C2

PID: 104607
Project Sponsor: MAHONING COUNTY ENGINEER
ODOT District: 4
Funding Source: Federal
Private Funding: No

Project Description:

The Mahoning County Engineer proposes to replace the deficient Hopkins Road/MAH-C139-0059 bridge over Andersons Run in Boardman Township, Mahoning County. This project proposes to remove the existing two-span, 36-foot reinforced concrete slab bridge with reinforced concrete abutments/pier/wingwalls and replace it with a new 50-foot single span prestressed concrete box beam bridge with reinforced concrete deck and substructure. Additional improvements include rock channel protection placement, new reinforced concrete approach slabs, approach roadway work, concrete surface sealing with epoxy-urethane and guardrail replacement.

A total of 0.046 acre of new permanent warranty deed right-of-way and 0.016 acre of temporary right-of-way will be acquired from one (1) property owner to replace the MAH-C139-0059 bridge. Right-of-Way plans for the project can be found in the Project File/General/Project Information subsection as Final Right-of-Way Plans.pdf.

During project construction, a minimum of one lane of traffic in each direction shall be maintained at all times along Hopkins Road, except when necessary to close Hopkins Road to vehicular traffic just south of Truesdale Road for a maximum of ninety (90) consecutive days to replace the bridge. The official detour route for this closure will utilize Shields Road, Lockwood Boulevard/State Route (SR) 625, Arden Boulevard/SR 625 and Canfield Road/U.S. Route 62. Prior to project start, construction, lane restriction, bridge closure and detour information will be posted along Hopkins Road and all intersecting side streets and on the Mahoning County Engineer webpage. Access shall be maintained to all adjacent properties and intersecting side streets for the duration of the project. Substantial traffic disruptions are not expected during project construction.

Electric, gas and telecommunication utilities exist within the project study area. These utilities are located along overhead cables and underground conduit. Minor relocations of the electric and telecommunication utilities will be necessary to construct the project. The gas utility is not in conflict with the proposed improvements and will not be impacted during project construction. The minor utility relocations will occur within the existing/new permanent roadway right-of-way. Utilities will not be permanently removed to construct the project. Coordination with the utility companies affected by the proposed construction activities was conducted during the preliminary engineering phase of the project and will continue during its detailed design phase.



Environmental Document Level: C2
PID 104607 MAH Hopkins Rd Bridge Repl.

Approved: 5/14/2019

On March 18, 2019, ODOT Office of Environmental Services (ODOT-OES) determined that a Section 4(f) De Minimis finding is applicable to the undertaking, MAH Hopkins Rd Bridge Repl.; PID 104607, and the property located at 4646 Hopkins Road, Boardman Township, Mahoning County, eligible for inclusion in the National Register of Historic Places (NRHP). The undertaking requires minor right-of-way from the historic boundary to replace the bridge (Structure File Number 5036127) over Andersons Run. The undertaking will not remove or alter the character defining features of the historic property. On February 28, 2019, in accordance with 36 CFR 800 and Stipulation V(C)(3) of the Section 106 Programmatic Agreement executed November 8, 2017 (Agreement No. 19319), ODOT-OES determined a finding of "no adverse effect" was applicable to the undertaking and the historic property located at 4646 Hopkins Road. ODOT-OES notified the Ohio's State Historic Preservation Office (SHPO) of the intent to apply a Section 4(f) DeMinimis finding to the undertaking and the historic property located at 4646 Hopkins Road. The SHPO did not object to this determination. In accordance with 36 CFR Part 774, a Section 4(f) DeMinimis finding is applicable to the undertaking MAH Hopkins Rd Bridge Repl.; PID 104607; and the historic property located at 4646 Hopkins Road, Boardman Township, Mahoning County. See the ODOT-OES Cultural Resources Section 4(f) Determination e-mail correspondence, dated March 18, 2019, for the project in the Project File/Section 4(f)/Coordination subsection as OES Cultural Resources 4(f) Determination.pdf.

Based on the information contained in the RMR Form prepared for the project, further environmental site assessment or special materials management is not warranted for the project. See the RMR Form for the project in the Project File/ESA/Reports subsection.

See continuation of the project description in the Project File/General/Project Information subsection as Project Description Continued.pdf.

STIP Reference #

2018stipID0207FDDD/2018stipID0207FDRW/2018stipID0207FDCO and is fiscally constrained.

Select the appropriate project type:

(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.



Environmental Document Level: C2
PID 104607 MAH Hopkins Rd Bridge Repl.

Approved: 5/14/2019

| | |
|--|--|
| Waterways: | Present; No Coast Guard, Individual 404, and/or Section 10 Permit required |
| Waterways Permit Type: | Permit Determination and/or Permit Application Approval Pending |
| Isolated Wetland Permit | No |
| Endangered Species: | Present; No finding of May Affect, Likely to Adversely Affect |
| Endangered Species - Coordination | May Affect, Not Likely to Adversely Affect |
| Endangered Species - Coordination Date | 12/28/2018 |
| Endangered Species - Critical Habitat Present/Impacted | |
| Indiana bat | |
| Northern long-eared bat | |
| Endangered Species - Other Critical Habitat Present/Impacted: | No |
| 100-Year Floodplain: | Encroachment Within the SFHA is a Functionally Dependent Use |
| EO 11988/NFIP Coordination and Documentation Completed: | Yes |
| NFIP Local Floodplain Coordinator Notification Date: | 04/05/2019 |
| Section 4(f): | Present; No Programmatic Evaluation or Individual Evaluation Required |
| Section 4(f) Determination: | |
| de minimis | |
| Section 4(f) Determination Date - de minimis | 03/18/2019 |
| Section 6(f): | Not present |
| Cultural Resources: | Present; No Finding of Adverse Effect |
| Cultural Resources Coordination: | No Adverse Effect |
| Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date | 02/28/2019 |
| Tribal Consultation Summary/Remarks: | |

The Miami Tribe of Oklahoma offered no objection to the project as it is not currently aware of existing documentation directly linking a specific Miami cultural or historic site to the project site. However, as this site is within the aboriginal homelands of the Miami Tribe, if any human remains or Native American cultural items falling under the Native American Graves Protection and Repatriation



Environmental Document Level: C2
PID 104607 MAH Hopkins Rd Bridge Repl.

Approved: 5/14/2019

Act (NAGPRA) or archaeological evidence is discovered during any phase of this project, the Miami Tribe requests immediate consultation with the entity of jurisdiction for the location of discovery. See the Miami Tribe of Oklahoma correspondence, dated March 18, 2019, with its comments on the project in the Project File/Cultural Resources/Coordination subsection.

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.

| | |
|--|--|
| Air Quality: | Studies Not Required |
| Air Quality - Coordination with OES: | No |
| Noise: | Studies Not Required |
| Noise Coordination - OES Approval Date: | |
| Hazardous Materials - ESA Screening Conducted | Yes |
| Hazardous Materials - OES Approval Date: | 01/17/2019 |
| Phase I ESA Warranted Based on Coordination with OES: | No Further Studies Warranted |
| Farmland: | Urbanized Area; No Impacts in Accordance With the Farmland MOU and 7 CFR 658 |
| Scenic Rivers | 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. | |
| Underserved Populations | Does Not Exceed UP Guidance Criteria; No UP Analysis Report Required and No UP Issues Raised During Public Involvement |
| Public Involvement: | Minimum PI Requirements Met; No Minor Public or Agency Controversy on Environmental Grounds |
| Environmental Commitments | Yes |



Environmental Commitments

C2

- 1) The Project Designer shall incorporate the following note into the plans: The project is located within the known habitat ranges of the federally listed and protected Indiana bat and northern long-eared bat. The Contractor shall not remove trees under this project from April 1 through September 30. All necessary tree removal shall occur from October 1 through March 31. The Contractor shall demarcate clearing limits in the field to avoid any unauthorized tree clearing. 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 County shall obtain the floodplain permit prior to plan file.
- 3) The County will obtain and the project contractor will adhere to all appropriate waterway permits prior to any work below the ordinary high water mark of any waterway and all Special Provisions for waterway permits will be included in the plans.
- 4) The Project Designer shall incorporate the following note into the plans: Under no circumstances shall any equipment (lift, scaffolding, backhoe, earth moving equipment, etc.) and/or materials enter Wetland A located adjacent to the County Road 129 (Hopkins Road) bridge and depicted within the project plans. No fill material (including temporary fills) shall be placed below the identified Ordinary High Water Mark (OHWM) of these waters. 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 wetlands. Should any materials and/or demolition debris fall into these waters, all work shall be stopped, and all debris/materials, etc., shall be removed immediately and in such a way to minimize turbidity that could degrade water quality and adversely affect aquatic plant and animal life.



Environmental Document Level: C2
PID 104607 MAH Hopkins Rd Bridge Repl.
Approved: 5/14/2019

Preparers and Approvals

Form Preparer:

Libby Rushley
Lawhon AND Associates
1441 King Avenue, Columbus OH 43212
lrushley@lawhon-assoc.com

Supporting Form Preparer(s):

Jeffrey Cutler
Sean Carpenter
Jessica Stratigakos

Approvals & Electronic Signatures

| | |
|---|-----------------------|
| Approved & Electronically Signed By: | Approval Date: |
| Edward Deley (PROGRAM ADMIN 3) | 5/14/2019 |



Appendix

General

Aerial Map.pdf

Ecological

Coordination with ODNR and USFWS.pdf

General

County Map.pdf

ESA

District Determination - No ESA Studies Required.pdf

General

Final Right of Way Plans.pdf

Ecological

ODOT Disposition of Agency Comments.pdf

General

Project Description Continued.pdf

Cultural Resources

SHPO Comments

General

STIP Listing.pdf

TIP Listing.pdf

Cultural Resources

Transmittal 1 - Effect Determination

Tribal Consultation

Ecological

USFWS Comments Consult Form MAH-Hopkins Rd Br PID 104607.pdf

General

USGS Quadrangle Topographical Map.pdf

Other Resources

Water Source Protection Area Map.pdf

Well Log Data.pdf



Approved: 5/14/2019

Youngstown OH-PA 2010 Urban Area Boundary.pdf

Underserved Populations

Census Mapping.pdf

Public Involvement

Emergency and Public Services Notification List.pdf

Emergency and Public Services Notification.pdf

Permits

FEMA FIRM.pdf

Letter of Compliance - ODOT Form LD-51.pdf

Public Involvement

Mahoning County Website Posting.pdf

News Article - WFMJ.pdf

Permits

No Rise Certification - ODOT Form LD-50.pdf

Public Involvement

Press Release.pdf

Property Owner Notification Letter.pdf

Underserved Populations

Underserved Populations Documentation Form.pdf