



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

STA SR 0225 00.78 PID 98393

Environmental Document Level: C2

Approved: 1/13/2020

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 June 6, 2018, and executed by FHWA and ODOT.

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C2

PID: 98393
Project Sponsor: DISTRICT 4-PLANNING
ODOT District: 4
Funding Source: Federal
Private Funding: No

Project Description:

The Ohio Department of Transportation (ODOT) proposes to repair and resurface 3.46 miles of State Route (SR) 225 from approximately the U. S. Route (USR) 62T/SR 225 interchange to the Stark/Portage County Line in Lexington Township, Stark County. Moreover, the project will perform structure maintenance on the Structure No. STA-225-0.77 bridge over the Mahoning River and the Structure No. STA-225-3.85 causeway bridge over Berlin Lake, within the project resurfacing limits, as described below.

STA-225-0.77 bridge/Structure File Number (SFN) 7605943: Repair, patch and seal the existing concrete wearing surface and approach slabs with a concrete sealing treatment, remove above ground vegetation within 15-feet of the structure, repair and patch the concrete substructure, seal the exposed concrete areas of the substructure and parapets with Epoxy-Urethane sealer, repair embankment erosion at both the rear left and rear right of the bridge, install additional slope protection at both the forward and rear abutment footers, repair embankment erosion, repair channel scour within the Mahoning River channel at Pier 2, repair and/or replace the approach guardrail and install new structure identification signs.

STA-225-3.85 causeway bridge/SFN 7605986: Repair, patch and seal the existing concrete wearing surface and approach slabs with a concrete sealing treatment, remove above ground vegetation within 15-feet of the structure, repair and patch the concrete substructure, seal the exposed concrete areas of the abutments, piers, substructure and parapets with Epoxy-Urethane sealer, replace or rehabilitate the existing bridge bearings, repair and/or replace the approach guardrail and install new structure identification signs.

Mapping that depicts proposed 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 Topographic Map.pdf.

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

A minimum of one (1) ten-foot bidirectional lane of traffic will be maintained on the existing pavement and completed pavement during project construction. Lane restriction information will be posted prior to the start of construction and access shall be maintained to all adjacent properties and intersecting side streets for the duration of the project. Substantial traffic disruptions are not expected with the project.

Minor relocations of existing utilities within the project study area may be necessary to construct the project. These minor utility relocations, if necessary, will occur within the existing 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 for the project during its preliminary engineering phase and will continue during its detailed design phase.

A records check was conducted within the area of potential effects (APE) for the project. The project APE consists of the construction footprint within the existing roadway right-of-way. Based on review of the Ohio State Historic Preservation Office (SHPO) on-line mapping system, Buckeye Assets database system and the Historic Bridge Inventory, it was determined that properties listed in the National Register of Historic Places (NRHP) or eligible for listing in the NRHP and/or historic bridges are not located within the project APE.

The project is a type of undertaking with "minimal potential to cause effects" 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 provided in the Regulated Materials Review (RMR) Form completed for the project, further environmental site assessment or special materials management is not warranted for the project. See the RMR documentation 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 #

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

Select the appropriate project type:

(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

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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.

Waterways:	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
Waterways Permit Type:	Regional General Permit
Waterways Permit Approval Date	12/09/2019
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	06/29/2018
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:	07/03/2018
Section 4(f):	Present; No Programmatic Evaluation or Individual Evaluation Required
Section 4(f) Determination:	
Temporary No Use Exception - 774.13(d)	
Section 4(f) Determination Date - 774.13(d)	11/25/2019
Section 6(f):	Not present
Cultural Resources:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	Minimum Potential to Cause Effect Appendix A
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	11/26/2019



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Since no Tribe was interested in this project based on their customized preferences, no further Tribal consultation was conducted.

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:	11/04/2019
Phase I ESA Warranted Based on Coordination with OES:	No Further Studies Warranted
Farmland:	Non-Urbanized Area; No Impacts in Accordance With the Farmland MOU, 7 CFR 658, and ORC 929.05
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 designer shall incorporate a plan note prohibiting tree removal 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 impact 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) Mussels are present within project study area and may be impacted by the project. A relocation of the mussels shall be conducted prior to the start of instream construction activities at the STA-225-0.77 bridge spanning the Mahoning River.

3) In-water work restriction dates are applicable to this project and will be included in the Waterway Permit Special Provisions for the project. The designer shall incorporate a plan note in the final construction plans restricting instream work within the Mahoning River from April 15 through June 30 at the STA-225-0.77 bridge location.

4) The project is located within a FEMA flood zone. The designer shall design the project to comply with all applicable Local, State, and Federal floodplain protection standards. Floodplain permitting is not required for the project.

5) The designer shall incorporate the following measure to minimize harm into the project construction plans as plan notes: 1) Access on the Mahoning Valley Trail at the STA-225-0.77 bridge will be closed for a maximum duration of 14 consecutive days due to public safety concerns and lack of a feasible and safe trail detour. The duration of the temporary closure/occupancy shall be less than the time needed for construction of the project; 2) Closure of the Mahoning Valley Trail at the STA-225-0.77 bridge shall be prohibited from March 1, 2020, through April 30, 2020, to avoid conflict with educational programming scheduled on the trail; 3) Temporary construction fencing shall be installed along proposed construction limits prior to the start of construction activities to protect the 4(f) property and the public; 4) Appropriate signage shall be installed to alert users of Mahoning Valley Trail of construction activities, access restrictions or closures, and to direct users to return to open access points; 5) The contractor shall not stage and/or store construction equipment or materials outside proposed construction limits that are within the defined boundaries of the 4(f) property; and 6) The contractor shall be required to closely coordinate the construction schedule with ODOT and the Stark County Park District prior to the start of construction activities.

6) The STA-225-3.84/SFN 7605986 bridge over Berlin Lake and the Berlin Lake Wildlife Area. All project work shall be performed within existing road right-of-way/easement. The designer shall incorporate plan notes to ensure the contractor maintains safe boat access beneath the STA-225-3.84 bridge at all times during project construction and takes all precautions necessary to protect the public and Berlin Lake during project construction.

7) The designer shall incorporate a plan note to ensure the contractor closely coordinates the construction schedule with ODOT, ODNR Division of Wildlife and the U. S. Army Corps of Engineers prior to the start of construction activities. ODNR Division of Wildlife - District Three 912 Portage Lakes Drive Akron, OH 44319 Telephone: 330-644-2293 and U. S. Army Corps of Engineers 7400 Bedell Road Berlin Center, OH 44401 Telephone: 330-547-3781



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Preparers and Approvals

Form Preparer

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

Supporting Form Preparer(s):

Brian Peck
Mark Andrasik

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	1/13/2020



Appendix

General

Aerial Map.pdf

Cultural Resources

Buckeye Assets Mapping.pdf

Ecological

Coordination with ODNR and USFWS STA-225-0.77 PID 98393.pdf

Coordination with ODNR STA-225-3.84 PID 98393.pdf

ODNR Comments STA-225-0.77 PID 98393.pdf

ODNR Comments STA-225-3.84 PID 98393.pdf

ODOT Disposition of Agency Comments.pdf

General

Project Description Continued.pdf

Project Study Area Map.pdf

Cultural Resources

Records Check.pdf

ESA

Regulated Materials Review Form.pdf

Ecological

USFWS Comments Consult Form STA-225-0.77 PID 98393.pdf

General

USGS Quadrangle Topographical Map.pdf

Underserved Populations

Census Mapping.pdf

Permits

Coordination with Local Floodplain Administrator.pdf

District Determination - Coordination Reeval STA-225-0.77.pdf

District Determination - No Floodplain Impacts STA-225-3.84.pdf

FEMA FIRM.pdf

Local Floodplain Administrator Approval - STA-225-0.77 .pdf



Section 6(f)

LWCF Grant Listing - Stark County.pdf

Section 4(f)

OES Recreational 4(f) Determination.pdf

Official With Jurisdiction Coordination Email.pdf

Project Related Coordination USACE.pdf

Project Related OES Decision - Section 4(f) STA-225-3.85.pdf

Public Involvement

Project Website Posting.pdf

Property Owner Right of Entry Notification Letter.pdf

Property Owner Right of Entry Notification Mailing List.pdf

Permits

Public Explanation of Flood Plain Impacts.pdf

Section 4(f)

Response to Stark Parks Email.pdf

Stark Parks Email.pdf

Underserved Populations

Underserved Populations Documentation Form.pdf

Public Involvement

Website Snap Shot - Project Website Posting.pdf

Permits

Website Snap Shot Public Explanation.pdf