



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

POR US 224/224D 13.51/0.00 PID 102392

Environmental Document Level: C2

Approved: 1/9/2020

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

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C2

PID: 102392
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:

The Ohio Department of Transportation proposes to mill and resurface 5.16 miles of U. S. Route (USR) 224 from approximately State Route 183 at Straight Line Mile (SLM) 13.51 to east of the USR 224/State Route (SR) 14 intersection, also known as the Deerfield Circle, at SLM 18.67 and 0.08 mile of USR 224D at the Deerfield Circle in Atwater and Deerfield Townships, Portage County. Additional improvements include partial-depth pavement repairs, catch basin reconstruction, raised pavement marker removal/installation and edge/lane/center/stop/crosswalk line applications. This project also proposes structure maintenance on one (1) bridge and two (2) culverts located within the project limits, as described below.

Bridge No. POR-224-17.40; Structure File Number 6703968; Willow Creek; Deerfield Township: Proposed maintenance activities include removal of the existing asphalt concrete overlay and replace it with waterproofing asphalt, patch all unsound concrete on the deck, wingwalls and piers, removal of the existing drip strip and replace it with a new drip strip, removal of the existing bridge railing and replace it with deep beam retrofit railing, removal of the existing approach guardrail and replace it with new approach guardrail, removal of above ground vegetation within 15 feet of the bridge, sealing all exposed concrete surfaces of the deck, wing walls and headwalls with Epoxy Urethane sealer; removal of sediment accumulation at the inlet and outlet and installation of new structure identification signs.

Culvert Number POR-224-17.48; Culvert File Number (CFN) 1979350; Tributary of Willow Creek (Stream 1); Deerfield Township: Proposed maintenance activities include repair of the existing culvert inlet and erosion, replacement of an existing failed wingwall section; removal of above ground vegetation within 15 feet of the culvert; patching and sealing of the exposed concrete surfaces with Epoxy-Urethane sealer and removal of sediment accumulation at the culvert inlet/outlet.

Culvert Number POR-224-18.229; CFN: 672240500; Unnamed Tributary of Willow Creek (Stream 2); Deerfield Township: Proposed maintenance activities include erosion repair; patching and sealing of the culvert headwalls with Epoxy-Urethane sealer, removal of above ground vegetation within 15 feet of the culvert and removal of sediment accumulation at the culvert inlet/outlet.

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 Topographical Map.pdf.

On 2-/3-lane sections, a minimum of one (1) ten (10)-foot bidirectional lane shall be maintained on the existing and completed pavement during project construction. Lane restriction information will be posted at prior to the start of construction. Access shall be maintained to all adjacent properties, businesses and



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intersecting side streets for the duration of the project. Substantial traffic disruptions are not expected with the project.

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

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.

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) Numbers
15 and 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



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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.

Waterways:	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
Waterways Permit Type:	Regional General Permit
Waterways Permit Approval Date	12/23/2019
Isolated Wetland Permit	No
Endangered Species:	No Impacts to Protected Species and Critical Habitat
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:	11/04/2019
Section 4(f):	Present; No Impacts and/or Access Restrictions
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	09/03/2019
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:	10/16/2019
Phase I ESA Warranted Based on Coordination with OES:	No Further Studies Warranted



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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 Project Designer shall incorporate a plan note to ensure safe access is maintained to Berlin Lake Wildlife Area throughout project construction.
- 2) A freshwater mussel survey shall be performed by a qualified malacologist prior to performance of any in-water work at Willow Creek. Mussels observed within proximity of the project construction limits shall be relocated at the time of the survey. All survey and relocation work shall be performed in accordance with the Ohio Mussel Survey Protocol (April 2016).
- 3) The project is located within a FEMA flood zone and the project designer shall ensure the project is designed to comply with all applicable local, state and Federal floodplain protection standards. Appropriate floodplain permitting shall be obtained prior to the start of construction.



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Preparers and Approvals

Form Preparer

District 4
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Supporting Form Preparer(s):

Brian Peck
Mark Andrasik

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	1/9/2020



Appendix

General

Aerial Map.pdf

Ecological

Coordination with ODNR and USFWS.pdf

General

County Map.pdf

Ecological

ODNR Comments.pdf

ODOT Disposition of Agency Comments.pdf

OES Approval - No ODNR and USFWS Notification.pdf

General

Project Description Continued.pdf

Cultural Resources

Records Check.pdf

General

USGS Quadrangle Topographical Map.pdf

Ecological

Wetlands Finding.pdf

Underserved Populations

Census Mapping.pdf

Permits

Correspondence with Local Floodplain Administrator.pdf

Public Involvement

Correspondence with Stakeholders.pdf

Permits

FEMA FIRM.pdf

Letter of Compliance - ODOT Form LD-53.pdf

Public Involvement

Project Website Posting.pdf



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Permits

Public Exlanation Web Posting Snap Shot.pdf

Public Explanation of Flood Plain Impact .pdf

Underserved Populations

Underserved Populations Documentation Form.pdf

Public Involvement

Website Posting Snap Shot.pdf