



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **POR CR 235 01.71 (Stanley Rd) PID 117491**

**Environmental Document Level: C2**

**Approved: 2/16/2023**

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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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**C2**

<b>PID:</b>	117491
<b>Project Sponsor:</b>	PORTAGE COUNTY ENGINEER
<b>ODOT District:</b>	4
<b>Funding Source:</b>	Federal
<b>Private Funding:</b>	No
<b>Project Description:</b>	



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The Portage County Engineer (PCE) proposes a design-build project to remove and replace the existing bridge that carries Stanley Road (County Road 235) over Mahoning Creek in Windham Township, Portage County, Ohio. Two structure types were evaluated for this project; a single span slab bridge and a three-sided box culvert. The new structure type will be determined during the design-build process. The existing bridge, Structure File Number (SFN) 6730906, is an approximately 22-foot long, 21.7-foot wide single span concrete bridge, built in 1930, reconstructed in 1976, and deemed structurally deficient based on recent inspection. Additional improvements proposed by this project include minor approach roadway profile adjustment, new wingwall construction, approach slab replacements, approach roadway pavement replacement, new center line/edge line applications and new traffic sign installation within the project construction limits.

Mapping that depicts the project on United States Geological survey (USGS) 7.5-minute topographic quadrangle maps is included in the Project File/General/Project Information subsection as *USGS Quadrangle Topographical Map.pdf*.

The bridge replacement work will require closure of Stanley Road for a period not to exceed 60 consecutive days. Project work may be performed before and after the closure duration. A detour route will be posted utilizing State Route 82, Bryant Road and State Route 303. Construction, lane restriction, roadway closure and detour information will be posted prior to the start of construction. Access shall be maintained to all adjacent properties for the duration of the project. Substantial traffic disruptions are not expected with the project.

This design-build project is in preliminary development and the proposed new structure will be designed within the existing roadway right-of-way to avoid impacts to surrounding private properties and minimize impacts to Mahoning Creek and abutting ecological resources.

Minor relocations of existing utilities within the project study area will be necessary to construct the project. These minor utility relocations will occur within the existing roadway right-of-way. Utilities will not be permanently removed to construct the project. Utility coordination for the project will be performed during the design-build plan development process.

The project will remove the current bridge structure (SFN 6730906) and place the new span approximately on the same existing line and grade. Literature search performed for the project undertaking concluded there are no sites (OAI) in the surrounding area, no inventoried buildings (OHI) and no listed or eligible historic properties found in the project area or in the area of potential effects (APE). The existing bridge (SFN 6730906) is a Type 101N Concrete Slab Simple structure originally constructed in 1930 but was extensively rehabilitated in 1976. The current bridge is not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). Non-historic bridge replacements and minor roadway widening projects are exempt from further cultural resource consideration by the 11/8/17 Cultural Resource PA (Agreement 19319), if the project is not within the boundaries of any historic property or National Register District.

Based on the information in the Regulated Materials Review (RMR) Screening 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/Coordination and Reports subsections.

The project proposes to permanently impact approximately 55 linear feet of a perennial stream, Mahoning Creek, and 0.039 acre of a Category 2 wetland, Wetland A, within the project study area. The project also proposes to permanently impact 0.039 acre of potentially suitable habitat (*i.e.*, Wetland A) for the state-listed smooth greensnake (*Opheodrys vernalis*) and 0.03 acre of potentially suitable habitat (*i.e.*, Mahoning Creek) for the state-listed spotted turtle (*Clemmys guttata*). However, the project is not likely to impact these species. See ecological resource and threatened and endangered species documentation and coordination for the project in the Project File/Ecological/Reports subsection and the Ecological Tab. Stream and wetlands impact information for the project is detailed in the Permit Determination Request provided in the Project File/Permits/Waterways subsection.

Environmental personnel of the project consultant, Clune Consulting Services, reviewed the FEMA FIRM mapping for the project study area 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 PCE conducted various public and involvement activities for the project, including mailing property owner right-of-entry notification letters to adjacent property owners, issuing a Press Release with project information, posting project information on the Portage County Engineer website and mailing notification letters that included project and detour information and mapping to local public officials, emergency/public services and affected property owners. Public comments were requested with all public involvement activities performed for the project. The PCE received one comment/schedule information request from Windham Township as a result of the public involvement activities conducted for the project. See the public involvement documentation for the project, including the received comments and response information, in the Project File/Public Involvement/Project Information subsection.

The environmental document and associated studies, as applicable, were approved using Stage 1 level Conceptual Site Plan information. A copy of the Conceptual Site Plan for the project is included in the Project File/General/Project Information subsection as *Stage 1 Design.pdf*.

The estimated total project cost specified in Ellis is approximately 13% greater than the total project cost specified in the ODOT State Fiscal Years 2021 - 2024 Statewide Transportation Improvement Program (STIP). However, fiscal constraint is at the Statewide Line Item (SLI) Group level. Therefore, an individual project utilizing a SLI does not require a STIP/TIP amendment.



STIP Reference #:

117491: 21-24 STIP/SLI Group  
Project. Fiscal constraint is at SLI  
Group level.

**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 -**

1. a. Acquisition of more than a minor amount of right-of-way
2. b. Residential or non-residential displacements
3. c. A Coast Guard, Individual Section 404 and/or a Section 10 permit
4. d. A Section 106 finding of *Adverse Effect*
5. e. A Section 4(f) Programmatic or Individual Evaluation
6. f. A finding of *May Affect, Likely to Adversely Affect* to Threatened and Endangered Species
7. g. Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions
8. h. Changes in access control
9. 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)
10. 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
11. k. No minor public or agency controversy on environmental grounds (no opposition from any organized groups or agencies and no unresolved environmental coordination)
12. 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.**

<b>Waterways:</b>	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
<b>Waterways Permit Type:</b>	Permit Determination and/or Permit Application Approval Pending
<b>Isolated Wetland Permit</b>	No
<b>Will any wetlands be impacted?</b>	Yes
<b>Endangered Species:</b>	Present; No finding of May Affect, Likely to Adversely Affect
<b>Endangered Species - Coordination</b>	No Effect



**100-Year Floodplain:** No Encroachment Within a Special Flood Hazard Area (SFHA)

**Section 4(f):** Not present

**Section 6(f):** Not present

**Cultural Resources:** Present; No Finding of Adverse Effect

**Cultural Resources Coordination:** Minimum Potential to Cause Effect Appendix B

**Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date** 11/04/2022

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:** 11/02/2022

**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** Present; No UPIAR Required, Does Not Exceed UP Guidance Criteria, and No Issues Raised During Public Involvement

**Identified Underserved Populations**

Census Block Group #	% Minority	% Low Income	% Older Adults	% Limited English Proficiency (LEP)
391336006032	2	20	19	0

**Underserved Populations Remarks**



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The proposed project will have no disproportionately high and adverse effects to minority or low-income populations. No concerns related to impacts on Environmental Justice populations were raised as a result of public involvement activities conducted as part of the proposed project. Therefore, in accordance with the protections of Executive Order 12898, no further analysis is required. See Environmental Justice documentation for the project in the Project File/Underserved Populations/Project Information subsection.

Census mapping is saved in the Project File/Underserved Populations/Project Information.

**Public Involvement:**

Minimum PI Requirements Met; No  
Minor Public or Agency Controversy  
on Environmental Grounds

**Environmental Commitments**

Yes



## Ecological

### Wetlands

ESR Name:	Wetland ID:	Hydrologic connection:	Wetland category:	Estimated total size (ac.):	Total estimated impact area by alternative (ac.):
POR-CR 235-1.71 (Stanley Rd)	Wetland A	Adjacent	Category 2	5	0.186

Has an Approved and/or Preliminary Jurisdictional Determination been made by the USACE? No

Total impact to all wetlands (ac.): 0.186

Total acres of non-isolated wetlands impacted: 0.186

Total acres of isolated wetlands impacted: 0

In accordance with Executive Order 11990 - USDOT Order 5660.1A, this Wetland Finding has been prepared to document that wetlands have been avoided to the extent possible to minimize the long and short term adverse impacts associated with the destruction or modification of wetlands, and to document that there are no practicable alternatives to avoid construction in wetlands.

An analysis of the 'Do Nothing' alternative indicates that it is not practicable because (check all that apply):

It Would Not Correct Existing Condition and Maintenance Problems.

An analysis of improvements that avoid all wetland impacts indicates that they are not practicable because (check all that apply):

They Will Not Meet the Identified Needs of the Project.

**Include justification supporting the decisions noted above:**

The No Build alternative does not meet the project's Purpose & Need to improve deteriorated and deficient bridge structure conditions. The project footprint has been reduced to the maximum extent practicable. Implementation of additional measures to further reduce the impact footprint is not feasible or warranted based on: the purpose and need of the project; the location of the aquatic resource relative to the project location; and the overall minor impacts of the project as currently designed.

All practicable measures have been considered and incorporated into the project design to avoid, minimize, wetland impacts. The wetland impact minimization measures that will be followed for the project are documented in the environmental commitments for the project. Wetland mitigation for



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unavoidable impacts will be provided if required by the Clean Water Act or Ohio isolated wetland law, as regulated by the US Army Corps of Engineers and Ohio EPA regulations (33 CFR parts 325 and 332 and 40 CFR part 230, and OAC 3745-01-54), and (ORC 6111.027). No practicable alternatives exist for the proposed construction in wetlands, and the proposed action includes all practicable measures to minimize harm to the wetlands that may result from such use.

**Remarks:**

See wetlands and other ecological resource impact information in ecological reports and agency coordination provided in the Project File/Ecological/Reports and Coordination subsections.



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## **Environmental Commitments**

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1) The project designer shall incorporate the following note into the plans and/or the PCE Design Build Scope of Services bidding document:

**ALL NECESSARY WATERWAY PERMITS SHALL BE OBTAINED PRIOR TO PROJECT CONSTRUCTION. THE CONTRACTOR IS NOT AUTHORIZED TO PLACE ANY FILL OR WORK WITHIN WETLAND A AND/OR BELOW THE ORDINARY HIGH WATER MARK ELEVATION OF MAHONING CREEK UNTIL ALL PERMITS ARE OBTAINED FOR THE PROJECT.**



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### **Preparers and Approvals**

**Form Preparer:** Brooke Heid  
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**Supporting Form Preparer(s):** Brian Peck

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Brian Peck (ENV SPEC 3)	2/16/2023



## Appendix

### General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

### Air

Determination - No Air Analysis Required.pdf

### Noise

Determination - No Noise Analysis Required.pdf

### ESA

OES Recommendations - Screening.pdf

### Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

### Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

### Other Resources

Census Bureau Urbanized Area Map.pdf

Water Source Protection Area Map.pdf

### Underserved Populations

Census Mapping.pdf

### Public Involvement

Local Public and Emergency Services Notification List.pdf

Local Public and Emergency Services Notification.pdf

Press Release.pdf

Project Website Snap Shot 10-31-2022.pdf

Property Owner Notification Letter Mailing List.pdf

Property Owner Notification Letter.pdf

Response to Public and Stakeholder Comments.pdf



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Stakeholder Comments.pdf

**Permits**

FEMA FIRM.pdf