



# OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 12  
5500 TRANSPORTATION BLVD. • GARFIELD HGTS., OH 44125 • 216-581-2100

## **Environmental Document** for **GEA US 322 19.41 Replace PID 115823**

**Environmental Document Level: C2**

**Approved: 1/31/2024**

**Prepared By: District 12**

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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

### Project Information

<b>PID:</b>	115823
<b>Project Sponsor:</b>	ODOT SPONSORING AGENCY
<b>ODOT District:</b>	12
<b>Funding Source:</b>	Federal

### C2 Section

### Project Description:



**Environmental Document Level: C2**  
PID 115823 GEA US 322 19.41 Replace

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Replace the Mayfield Road (US-322) bridge over Phelps Creek location 1.59 miles east of SR-528 in Huntsburg Township.

Temporary right-of-way is required for this project. Utility impacts are unlikely.

Construction will require Maintenance of Traffic Plan (MOT).

Ecological impacts. South Branch Phelps Creek, perennial, warm water habitat stream; 113 feet located in the Study Area. South Branch Phelps Creek will be impacted from the replacement of the slab structure during construction. One wetland located in the Study Area, Wetland A 0.085 acres within the Study Area (category 1; palustrine emergent). Will have approximately 0.084 acres of permanent impacts to Wetland A due to replacement of the slab structure during construction. The wetland may also be impacted by fill, grading, and any temporary access work conducted during the replacement of the slab structure. No tree removal for this project, but coordination not required. There is no suitable habitat for any other federally or state listed species within the project area. The drainage area of South Branch Phelps Creek is 5.01 square miles. A Mussel Reconnaissance Survey was completed 07/27/22 with OES staff. No mussels were found during the survey. ODOT has made the determination to proceed with the project as currently designed. All practicable measures have been considered and incorporated into the project design to minimize the impacts to SWH, South Branch Phelps Creek, and Wetland A as best as possible. Permit Determination Request (PDR) is pending.

The project is located in a regulated floodplain, Zone A, therefore coordination was required. Corey Czinger, Environmental Specialist sent out an email on 01/30/24 to Dan Spada, Geauga County Floodplain Coordinator, supplying Aerial Map, FEMA map, Letter of Notification of SFHA Exemption (LD-53), and Stage 2 Plans. Floodplain Coordination can be found in the Project File under Permits/Floodplain.

A Cultural Resources Records Check was performed by district environmental staff Corey Czinger, Environmental Specialist, using the SHPO GIS online database. Records check show zero (0) cultural resources within the Study Area. No Cultural Resources listed on or determined eligible for listing on the National Register of Historic Places were identified within and/or immediately adjacent to the proposed project area. The undertaking is a type which has minimal potential to cause effects to historic properties in accordance with Minimal Potential to Cause Effect - Appendix A of the Section 106 Programmatic Agreement. No further coordination is required. The Records Check can be found in the Project File Under Cultural Resources/Project Information. District approval date 01/29/24.

Regulated Materials Review Screening was prepared by Corey Czinger, Environmental Specialist. Based on findings, no further Regulated Materials Review is required. Corey Czinger, Environmental Specialist, approved Regulated Materials Review on 01/29/2024.

A certified asbestos hazard evaluation specialist surveyed the bridge structure scheduled for demolition and/or rehabilitation. The survey determined that no asbestos is present on the bridge structure. ODOT shall provide a copy of the Ohio Environmental Protection Agency (OEPA) notification of demolition and renovation form, partially completed and signed by the bridge owner, to the successful bidder. The contractor shall complete the form and submit it at least ten (10) working days prior to the start of any demolition and/or renovation to the asbestos program. The contractor shall also provide a copy of the completed form to the engineer at least ten (10) working days prior to the start of any demolition and/or renovation.

No other environmental, hazardous materials, Section 4(f)/6(f), or environmental justice impacts will result from this project.

Property Owner Notification Letters were sent out on October 24, 2022. No responses were received. Property Owner Notification letter can be found in the Project File under Public Involvement/Project Information. ODOT has determined to proceed with the project as currently designed.

Construction: \$2,500,000.00: 80% federal and 20% state.

The project has been designed by Fishbeck.

The environmental documentation and associated studies are being approved using Stage 2 design. A copy of the plans is included in the project file.

**The next phase of the proposed project is listed on the STIP:**

Yes

**Ellis STIP Details**



Phase	Current STIP Reference
ENV	On Previous STIP
CO	115823: 24-27 STIP
DD	115823: 24-27 STIP
DD	115823: 24-27 STIP

The current cost estimate is in line with existing federal procedures for Ohio STIP Amendments and Administration Modifications: Yes

**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 ROW (exceeds strip takes)
2. **b.** Residential or non-residential displacements
3. **c.** A U.S. Coast Guard permit or an Individual Section 404 permit under the Clean Water Act
4. **d.** A Section 106 finding of *Adverse Effect*
5. **e.** Section 4(f) impacts greater than de minimis
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.** A full Environmental Justice Analysis Report (EJAR) is required (the project must be processed as a D-level CE or higher-level document). If a memo-to-file/letter/IOC-format EJAR Short Report is determined to be the appropriate level of documentation, contact OES regarding NEPA document level.

**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.**

**Ecological**

**Waterways:**

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>	No Impacts to Protected Species and Critical Habitat
<b>Scenic Rivers</b>	No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area
<b>Scenic Rivers Remarks</b>	
No scenic rivers within 1000-feet of the project.	
<b>Floodplains</b>	
<b>100-Year Floodplain:</b>	Encroachment Within the SFHA is a Functionally Dependent Use
<b>EO 11988 Compliance Met</b>	Yes
<b>NFIP Coordination and Documentation Completed</b>	Yes
<b>NFIP Local Floodplain Coordinator Notification Date:</b>	01/30/2024
<b>Floodplain Remarks</b>	
The project is located in a regulated floodplain, Zone A, therefore coordination was required. Corey Czinger, Environmental Specialist sent out an email on 01/30/24 to Dan Spada, Geauga County Floodplain Coordinator, supplying Aerial Map, FEMA map, Letter of Notification of SFHA Exemption (LD-53), and Stage 2 Plans. Floodplain Coordination can be found in the Project File under Permits/Floodplain.	
<b>Section 4(f)</b>	
<b>Section 4(f):</b>	Not present
<b>Section 4(f) Remarks</b>	
No Section 4(f) resources in the project area.	
<b>Section 6(f)</b>	
<b>Section 6(f):</b>	Not present
<b>Cultural Resources</b>	
<b>Cultural Resources:</b>	Present; No Finding of Adverse Effect



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**Cultural Resources Coordination:**

Minimum Potential to Cause Effect  
Appendix A

**Cultural Resources Coordination - ODOT Approval/SHPO  
Concurrence Date**

01/29/2024

### **Cultural Resources Remarks**

A Cultural Resources Records Check was performed by district environmental staff Corey Czinger, Environmental Specialist, using the SHPO GIS online database. Records check show zero (0) cultural resources within the Study Area. No cultural resources impacts anticipated.

No Cultural Resources listed on or determined eligible for listing on the National Register of Historic Places were identified within and/or immediately adjacent to the proposed project area. The undertaking is a type which has minimal potential to cause effects to historic properties in accordance with Minimal Potential to Cause Effect - Appendix A of the Section 106 Programmatic Agreement. No further coordination is required. The Records Check can be found in the Project File Under Cultural Resources/Project Information. District approval date 01/29/24.

### **Environmental Resources Considered**

**The following environmental resources are present and have been studied for potential impacts:**

Regulated Materials

#### **Air Remarks**

The project type of 'reconstructing bridges with no additional travel lanes' is considered insignificant from an air quality conformity perspective, as per 40 CFR 93.126. Therefore, the project is exempt from air quality coordination.

#### **Noise Remarks**

The project is a bridge replacement project. The project will not increase the traffic or traffic noise. Therefore, no noise analysis is required.

**The project involves ROW acquisition, Deep Excavation, or OEPA  
513 Landfill Authorization:**

Yes - Screening

#### **Regulated Materials Review Screening:**

No Further Regulated Materials Review

**Regulated Materials Review Screening - DEC/OES Approval Date:**

01/29/2024

#### **Regulated Materials Review Remarks:**

Regulated Materials Review Screening was prepared by Corey Czinger, Environmental Specialist. Based on findings, no further Regulated Materials Review is required. Corey Czinger, Environmental Specialist, approved Regulated Materials Review on 01/29/2024.

A certified asbestos hazard evaluation specialist surveyed the bridge structure scheduled for demolition and/or rehabilitation. The survey determined that no asbestos is present on the bridge structure. ODOT shall provide a copy of the Ohio Environmental Protection Agency (OEPA) notification of demolition and renovation form, partially completed and signed by the bridge owner, to the successful bidder. The contractor shall complete the form and submit it at least ten (10) working days prior to the start of any demolition and/or renovation to the asbestos program. The contractor shall also provide a copy of the completed form to the engineer at least ten (10) working days prior to the start of any demolition and/or renovation.

### **Environmental Justice**



Projects that meet C2 criteria must be in accordance with ODOT's EJ Guidance and activities conducted for Public Involvement are commensurate to the project's type and scope of work.

**Environmental Justice Populations**

Present; No EJAR Required, Does Not Exceed EJ Guidance Criteria, and No Issues Raised During Public Involvement

**Identified Environmental Justice Populations**

Census Block Group #	% Minority	% Low Income
390553110001	2	45
390553110001	1	59

**Environmental Justice Remarks**

Based on mapping from TIMS, the minority populations are between 1% and 2% for the US Census Block Groups located within the project area and 45% and 59% of the population is designated as low income. The proposed project will have no disproportionately high and adverse effects to minority or low-income populations or disparate impacts based upon the table above, the attached mapping, and the answers to the questions above. 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, DOT Order 5610.2(a), and FHWA Order 6640.23A, no further analysis is required. Based on the above findings an Environmental Justice Analysis Report (EJAR) is not required. The Census mapping may be found in the Project File under Environmental Justice.

**Public Involvement**

**Public Involvement:**

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

**Public Involvement Remarks**

Property Owner Notification Letters were sent out on October 24, 2022. No responses were received. Property Owner Notification letter can be found in the Project File under Public Involvement/Project Information.

Public Involvement Conclusion:  
 ODOT has determined to proceed with the project as currently designed.

**Environmental Commitments**

**Environmental Commitments**

Yes



## Ecological

### Wetlands

ESR Name:	Wetland ID:	Hydrologic connection:	Wetland category:	Estimated total size (ac.):	Total estimated impact area by alternative (ac.):
GEA US 322 19.41 Replace	Wetland A	Adjacent	Category 1	0.085	0.084

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

Total impact to all wetlands (ac.): 0.084

Total acres of non-isolated wetlands impacted: 0.084

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:

This project is needed/required due to the deterioration of the bridge.

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 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.



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**Remarks:**

-All practicable measures have been considered and incorporated into the project design to minimize impacts to the South Branch Phelps Creek and Wetland A as best as possible.



## Environmental Commitments

### C2

1) A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST SURVEYED THE BRIDGE STRUCTURE SCHEDULED FOR DEMOLITION AND/OR REHABILITATION; THE SURVEY DETERMINED THAT NO ASBESTOS IS PRESENT ON THE BRIDGE STRUCTURE.

ODOT SHALL PROVIDE A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM, PARTIALLY COMPLETED AND SIGNED BY THE BRIDGE OWNER, TO THE SUCCESSFUL BIDDER. THE CONTRACTOR SHALL COMPLETE THE FORM AND SUBMIT IT TO ONE OF THE ADDRESSES BELOW AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION.

ASBESTOS PROGRAM

OHIO EPA, DAPC

P.O. BOX 1049

COLUMBUS, OH 43216-1049 OR ASBESTOS PROGRAM

OHIO EPA, DAPC

50 W. TOWN ST., SUITE 700

COLUMBUS, OH 43215

THE CONTRACTOR SHALL PROVIDE A COPY OF THE COMPLETED FORM TO THE ENGINEER AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION. THE FORM SHALL INCLUDE: 1) THE CONTRACTORS NAME AND ADDRESS, 2) THE SCHEDULED DATES FOR THE START AND COMPLETION OF THE BRIDGE REMOVAL AND 3) A DESCRIPTION OF THE PLANNED DEMOLITION WORK AND THE METHOD(S) TO BE USED. COPIES OF THE OEPA FORM AND BRIDGE INSPECTION REPORT ARE AVAILABLE FOR REVIEW AT THE ODOT DISTRICT 12 OFFICE, 5500 TRANSPORTATION BOULEVARD, GAFFLED HEIGHTS, OHIO 44125.

BASIS FOR PAYMENT THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND MATERIAL NECESSARY TO COMPLETE AND SUBMIT THE OEPA NOTIFICATION FORM. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN: ITEM 202 PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.

2) The Ohio Department of Transportation will obtain all appropriate waterway permits prior to any work with the jurisdictional boundary of any waterway, including wetlands, and all applicable waterway permit conditions will be included in the plans and adhered to during construction.



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### **Preparers and Approvals**

**Form Preparer**

District 12  
Contact: Corey Czinger  
Corey.Czinger@dot.ohio.gov

**Supporting Form Preparer(s):** Corey Czinger

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Mark Carpenter (TRANS ENGR 3)	1/31/2024



## **Appendix**

### **General**

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

### **Ecological**

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

### **Public Involvement**

Property Owner Notification Letters.pdf

### **Permits**

Coordination with Local Floodplain Administrator.pdf

FEMA FIRM.pdf

Letter of Notification of SFHA Exemption - ODOT Form LD-53.pdf