



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

GEA US 322/SR 044 08.63/14.93 PID 115876

Environmental Document Level: C2

Approved: 2/13/2024

Prepared By: District 12

Corey Czinger

Phone:

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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.

Table of Contents

C2.....	3
Ecological.....	9
Environmental Commitments.....	11
Preparers and Approvals.....	12
Appendix.....	13



C2

Project Information

PID:	115876
Project Sponsor:	ODOT SPONSORING AGENCY
ODOT District:	12
Funding Source:	Non-Federal

C2 Section

Does this project require a Federal permit or approval?	Yes
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Project Description:



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Replace the Mayfield Road (US-322) drainage structure over Beaver Creek located east of Auburn Road in Munson Township; and the Ravenna Road (SR-44) drainage structure located south of Bass Lake Road in Munson Township and the City of Chardon.

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

Construction will require Maintenance of Traffic Plan (MOT).

Ecological impacts. At US-322 location, Stream 1 Beaver Creek, perennial, cold water habitat stream; 115 feet located in the Study Area. Beaver Creek will be impacted from the replacement of the drainage structure during construction. One wetland located in the Study Area, Wetland A 0.28 acres within the Study Area (category 2; palustrine emergent). Will have approximately 0.28 acres of permanent impacts to Wetland A due to replacement of the drainage 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. At location SR-44, Stream 2 Edwards Creek, perennial, small drainage warmwater (Class II); 127 feet located in the Study Area. Edwards Creek will be impacted from the replacement of the drainage structure during construction. No tree removal for this entire project, but coordination not required. There is no suitable habitat for any other federally or state listed species within the project areas. 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, Beaver Creek, Wetland A, and Edwards Creek 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 02/01/24 to Randal Sharpe, Chardon 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 Records Request via email. 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. No cultural resources impacts anticipated. A TIMS search did not identify any of the two (2) structures as historically significant stone culverts. The undertaking is a type which has minimal potential to cause effects to historic properties. No further coordination is required in accordance with ORC 149.53 Appendix A. The Record Check can be found in the Project File Under Cultural Resources/Project Information. District approval date 02/01/24.

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 02/02/2024.

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 September 9, 2022. Two responses were received regarding additional information on the project. Property Owner Notification letter, Property Owner Mailing List, and PI Correspondence can be found in the Project File under Public Involvement/Project Information. ODOT has determined to proceed with the project as currently designed.

Construction: \$1,135,000.00: 100% state.

The project has been designed by Pennoni Associates Inc.

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
RW	115876: 24-27 STIP
CO	115876: 24-27 STIP
DD	115876: 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



Approved: 2/13/2024

Waterways Permit Type:	Permit Determination and/or Permit Application Approval Pending
Isolated Wetland Permit	No
Will any wetlands be impacted?	Yes
Endangered Species:	No Impacts to Protected Species and Critical Habitat
Scenic Rivers	No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area
Scenic Rivers Remarks	
No scenic rivers within 1000-feet of the project.	
Floodplains	
100-Year Floodplain:	Encroachment Within the SFHA is a Functionally Dependent Use
EO 11988 Compliance Met	Yes
NFIP Coordination and Documentation Completed	Yes
NFIP Local Floodplain Coordinator Notification Date:	02/01/2024
Floodplain Remarks	
The project is located in a regulated floodplain, Zone A, therefore coordination was required. Corey Czinger, Environmental Specialist sent out an email on 02/01/24 to Randal Sharpe, Chardon 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.	
Section 4(f)	
Section 4(f):	Not present
Section 4(f) Remarks	
No Section 4(f) resources in the project area.	
Section 6(f)	
Section 6(f):	Not present
Cultural Resources	
Cultural Resources:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	ORC 149.53 Appendix A



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

02/01/2024

Cultural Resources Remarks

A Cultural Resources Records Check was performed by district environmental staff Corey Czinger, Environmental Specialist, using the SHPO Records Request via email. 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. No cultural resources impacts anticipated. A TIMS search did not identify any of the two (2) structures as historically significant stone culverts. The undertaking is a type which has minimal potential to cause effects to historic properties. No further coordination is required in accordance with ORC 149.53 Appendix A. The Record Check can be found in the Project File Under Cultural Resources/Project Information. District approval date 02/01/24.

Environmental Resources Considered

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

Regulated Materials

Air Remarks

The project type of 'replacement of drainage structures 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:

02/01/2024

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 02/01/2024.

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
390553108004	9	20
390553108003	12	13
390553122013	8	12

Environmental Justice Remarks

Based on mapping from TIMS, the minority populations are between 8% and 12% for the US Census Block Groups located within the project area and 12% and 20% 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 September 9, 2022. Two responses were received regarding additional information on the project. Property Owner Notification letter, Property Owner Mailing List, and PI Correspondence can be found in the Project File under Public Involvement/Project Information. 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/SR 044	Wetland A	Adjacent	Category 2	200	0.28

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

Total impact to all wetlands (ac.): 0.28

Total acres of non-isolated wetlands impacted: 0.28

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):

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

Include justification supporting the decisions noted above:

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.

Remarks:



Environmental Document Level: C2
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Environmental Commitments

C2

1) ASBESTOS NOTIFICATION

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

Approved & Electronically Signed By:	Approval Date:
Mark Carpenter (TRANS ENGR 3)	2/13/2024



Appendix

General

Aerial Map - 322 Location.pdf

Aerial Map - 44 Location.pdf

County Map.pdf

USGS Quadrangle Topographical Map - 322 Location.pdf

USGS Quadrangle Topographical Map - 44 Location.pdf

Noise

No Noise Analysis Required - District Determination.pdf

Cultural Resources

Records Check.pdf

Ecological

ESR Appendices.pdf

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Section 6(f)

LWCF Grant Listing.pdf

Environmental Justice

Census Mapping.pdf

Public Involvement

PI Correspondence.pdf

Property Owner Mailing List.pdf

Property Owner Notification Letter.pdf

Permits

Coordination with Local Floodplain Administrator.pdf

FEMA FIRM - 322 Location.pdf

FEMA FIRM - 44 Location.pdf

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