



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

GEA SR 087 12.13 Replace PID 111000

Environmental Document Level: C2

Approved: 7/13/2023

Prepared By: John Ubbing

OHM Advisors

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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

PID:	111000
Project Sponsor:	ODOT SPONSORING AGENCY
ODOT District:	12
Funding Source:	Federal

Project Description:

Replace the slab structure over Hopsons Creek located west of SR-168 in Burton Township.

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

Construction will require a maintenance of traffic (MOT).

Hopsons Creek, perennial, warm water habitat stream; 702 feet located in the Study Area:

-Temporary stream impacts would be removal of 12 pier columns below the ordinary high-water mark (OHWM). Total length of existing encased 14' ft. depth 2.5' ft. wide cast-in-place reinforced concrete piles; 0.01 acres in temporary impacts from removal of 12 pier columns. On surface, 30 ft. in temporary impacts.

-Permanent stream impacts will result from placement of Item 601 - Rock Channel Protection Type B, 2'-6" Thick with Geotextile Fabric. Total amount of this rock channel protection placed below the OHWM across the rear and forward abutments is about 65 CY, 70 ft. along Hopsons Creek; 0.04 acres in permanent impacts from RCP.

Two wetlands located in the Study Area, Wetland A 1.84 acres within the Study Area (category 3; palustrine scrub shrub, palustrine emergent, and palustrine forested) and Wetland B 0.04 acres within the Study Area (category 1; palustrine emergent). Will have approximately 0.03 acres of permanent impacts to Wetland A due to replacement of the slab structure during construction; fill, grading, and any temporary access work conducted during the replacement of the slab structure.

No tree removal for this project, bat coordination not required. There is no suitable habitat for any other federally or state listed species within the project area. 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 eliminate SWH impacts as best as possible. Permit Determination Request (PDR) is pending. All practicable measures have been considered and incorporated into the project design to minimize the impacts to Hopsons Creek, Wetland A, and Wetland B as best as possible.

A Mussel Reconnaissance Survey was complete 07/27/22 with OES staff. The drainage area of Hopsons Creek is 5.01 square miles. No mussels were found during the survey.

The project is located in a regulated floodplain, Zone A, therefore coordination was required. John Ubbing, project manager from OHM Advisors sent out an email on 2/17/23 to Dan Spada, Geauga County



Floodplain Coordinator, supplying FEMA mapping and Hydraulic Report showing compliance with ODOT floodplain standards. Dana Spada authorized a letter of approval on 2/22/23. Floodplain Coordination and Approval can be found in the Project File under Permits/Floodplain.

Cultural Resources was coordinated as ORC 149.53 Appendix A. A Cultural Resources Records Check was performed by district environmental staff using the SHPO GIS online database. 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. No further coordination is required in accordance with the ORC 149.53 Appendix A. The Record Check can be found in the Project File under Cultural Resources/Project Information.

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 May 25, 2022. One response from Gerard Morgan, county administrator/sanitary engineer/prevaling wage coordinator, for Geauga County was received on June 6, 2022. Stating that the Sheriff is on the Geauga County property, and due to the sensitivity of the property usage, that staff performing field work should contact sheriff personnel when they are on the property. ODOT responded on June 7, 2022, that we would notify the Sheriff personnel at that facility regarding any accesses to the property. PI letter, response, and summary can be found in the Project File under Public Involvement/Project Information.

The project has been designed by OHM Advisors. ODOT has determined to proceed with the project as currently designed.

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	111000: 24-27 STIP
CO	111000: 24-27 STIP
DD	

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)



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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
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 river.
Floodplains	
100-Year Floodplain:	No Encroachment Within a Special Flood Hazard Area (SFHA)
Floodplain Remarks	



The project is located in a regulated floodplain, Zone A, therefore coordination was required. John Ubbing, project manager from OHM Advisors sent out an email on 2/17/23 to Dan Spada, Geauga County Floodplain Coordinator, supplying FEMA mapping and Hydraulic Report showing compliance with ODOT floodplain standards. Dana Spada authorized a letter of approval on 2/22/23. Floodplain Coordination and Approval 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) impacts.

Section 6(f)

Section 6(f): Not present

Cultural Resources

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 03/15/2023

Cultural Resources Remarks

Cultural Resources was coordinated as ORC 149.53 Appendix A. A Cultural Resources Records Check was performed by district environmental staff using the SHPO GIS online database. 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. No further coordination is required in accordance with the ORC 149.53 Appendix A. The Record Check can be found in the Project File under Cultural Resources/Project Information.

Environmental Resources Considered

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

Regulated Materials

Air Remarks No Air Quality impacts.

Noise Remarks No Noise impacts.

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:

03/10/2023

Regulated Materials Review Remarks:

Regulated Materials Review Screening was created by Corey Czinger, Environmental Specialist 2. The project will involve excavations greater than 6 feet deep. Based on findings, no further Regulated Materials Review is required. Mark Carpenter, District Environmental Coordinator, approved Regulated Materials Review on March 10, 2023.

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
153600	5	27
153601	1	22

Environmental Justice Remarks

Based on mapping from TIMS, the minority populations are between 5% and 27% for the US Census Block Groups located within the project area and 1% and 22% 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



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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 SR 087 12.13 Replace	Wetland A	Adjacent	Category 3	200	0.03
	Wetland B	Adjacent	Category 1	0.04	0

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

Total impact to all wetlands (ac.): 0.03

Total acres of non-isolated wetlands impacted: 0.03

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 or Projected Capacity Deficiencies.

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:

Minimal impacts are needed towards Hopsons Creek and Wetland A, due to replacing the slab structure over Hopsons Creek located west of SR-168 in Burton Township.

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 the impacts to Hopsons Creek, Wetland A, and Wetland B 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.

3) Contractor to contact Geauga County Board of Commissioners when project is complete and was performed according to the submitted documentation and Geauga County Flood Regulations. Contact Information: Daniel Spada, Chief Building Official, at 440-279-1780 or dspada@co.geauga.oh.us.



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Preparers and Approvals

Form Preparer: John Ubbing
OHM Advisors
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john.ubbing@ohm-advisors.com

Supporting Form Preparer(s): Corey Czinger

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Mark Carpenter (TRANS ENGR 3)	7/13/2023



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

Section 106 Scoping Request Form.pdf

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Permits

Coordination with Local Floodplain Administrator.pdf

FEMA FIRM.pdf

Local Floodplain Administrator Approval.pdf