



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

GEA SR 087 03.18 Replace PID 110999

Environmental Document Level: C2

Approved: 6/27/2025

Prepared By: Susan Daniels

Lawhon & Associates, Inc.

Phone: 614-481-8600

E-mail: sdaniels@lawhon-assoc.com

District Contact: Corey Czinger

Phone:

E-mail: Corey.Czinger@dot.ohio.gov

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:	110999
Project Sponsor:	ODOT SPONSORING AGENCY
ODOT District:	12
Funding Source:	Federal

C2 Section

Project Description:



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Replace the slab structure over Silver Creek located east of SR-306 in Russell Township.

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

Construction will require Maintenance of Traffic Plan (MOT).

Ecological impacts. Stream 1 (Silver Creek), perennial, CWH; 116 feet located in the Study Area, 116 feet of impacts. Stream 1 will be impacted from the bridge replacement and the placement of RCP during construction. There are 0.03 acres of bat habitat tree removal for this project, bat coordination with USFWS was required, coordination was completed on 06/18/25. The project is not located within USFWS bat buffers. Trees will be cleared between October 1 and March 31 to protect these species during their summer roosting period. There is no suitable habitat for any other federally or state listed species within the project areas. All practicable measures have been considered and incorporated into the project design to minimize the impacts to Stream 1 as best as possible. Permit Determination Request (PDR) is pending.

A Cultural Resources Records Check was performed by district environmental staff Corey Czinger, Environmental Specialist 3, using the online OSHPO ArcMap Resource Map. 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 B 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. The undertaking is limited to a bridge replacement and approach work along SR 87 in rural Russell Township, Geauga County, Ohio. The bridge is found 0.5 miles southeast of the village of Novelty, Ohio where the highway crosses Silver Creek. The project will replace a relatively modern concrete slab bridge, and the work will focus on the existing right-of-way. Minor permanent right-of-way will be required but will only be taken from areas disturbed by stream erosion, channelization, and utility installation. The project will not involve any buildings, and no relocations will be required. The literature search concluded there are no inventoried buildings (OHI), no known archaeological sites (OAI), and no listed or eligible historic properties found in the project area or in the area of potential effects (APE). This existing bridge (SFN 2800667) is a Type 201N Concrete Slab simple structure built 1950. TIMS mapping indicates the bridge is not historic and the structure was not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). Non-historic bridge replacement requiring minor additional right-of-way is an activity which is exempt from further cultural resource consideration by the 6/29/23 Cultural Resource PA (Agreement 38503), if the project is not within the boundaries of any historic property or N. R. district.

The project is located in a regulated floodplain, Zone AE, therefore coordination was required. Corey Czinger, Environmental Specialist 3 sent out an email on 05/06/25 to Shane Wrench, Russell Township Zoning Inspector/Floodplain Coordinator supplying Aerial Map, FEMA map, Letter of Notification of SFHA Exemption (LD-53), and Final Plans. Floodplain Coordination can be found in the Project File under Permits/Floodplain.

Regulated Materials Review Screening was prepared by Corey Czinger, Environmental Specialist 3. Based on findings, no further Regulated Materials Review is required. Corey Czinger, Environmental Specialist, approved Regulated Materials Review on 05/06/2025.

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

Property Notification Letters were sent out on 06/23/23. No responses were received. The Property Notification Letters can be found in the Project File under Public Involvement/Project Information. ODOT has determined to proceed with the project as currently designed.

Construction: \$1,650,000.00: 80% federal and 20% state.

The project has been designed by Ribway Engineering Group 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	110999: 24-27 STIP
RW	110999: 24-27 STIP
CO	110999: 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)
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? No

Endangered Species: Present; No finding of May Affect, Likely to Adversely Affect

Endangered Species - Coordination May Affect, Not Likely to Adversely Affect

Endangered Species - Coordination Date 06/18/2025

Endangered Species - Critical Habitat Present/Impacted

Indiana bat

Northern long-eared bat

Endangered Species - Other Critical Habitat Present/Impacted: No

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: No Encroachment Within a Special Flood Hazard Area (SFHA)

Floodplain Remarks

The project is located in a regulated floodplain, Zone AE, therefore coordination was required. Corey Czinger, Environmental Specialist 3 sent out an email on 05/06/25 to Shane Wrench, Russell Township Zoning Inspector/Floodplain Coordinator supplying Aerial Map, FEMA map, Letter of Notification of SFHA Exemption (LD-53), and Final 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 are present within the project area.

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** 05/06/2025

Cultural Resources Remarks

A Cultural Resources Records Check was performed by district environmental staff Corey Czinger, Environmental Specialist 3, using the online OSHPO ArcMap Resource Map. 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 B 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. The undertaking is limited to a bridge replacement and approach work along SR 87 in rural Russell Township, Geauga County, Ohio. The bridge is found 0.5 miles southeast of the village of Novelty, Ohio where the highway crosses Silver Creek. The project will replace a relatively modern concrete slab bridge, and the work will focus on the existing right-of-way. Minor permanent right-of-way will be required but will only be taken from areas disturbed by stream erosion, channelization, and utility installation. The project will not involve any buildings, and no relocations will be required. The literature search concluded there are no inventoried buildings (OHI), no known archaeological sites (OAI), and no listed or eligible historic properties found in the project area or in the area of potential effects (APE). This existing bridge (SFN 2800667) is a Type 201N Concrete Slab simple structure built 1950. TIMS mapping indicates the bridge is not historic and the structure was not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). Non-historic bridge replacement requiring minor additional right-of-way is an activity which is exempt from further cultural resource consideration by the 6/29/23 Cultural Resource PA (Agreement 38503), if the project is not within the boundaries of any historic property or N. R. district.

Tribal Consultation Summary/Remarks:

No comments received.

Environmental Resources Considered

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

Noise

Regulated Materials

Air Remarks

The project type of 'replacement of the slab structure over Silver Creek located east of SR-306 in Russell Township in Geauga County' 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: Studies Not Required

Noise - Coordination with OES No

Noise Remarks



The project is a replacement of the slab structure over Silver Creek located east of SR-306 in Russell Township in Geauga County project. The project will not increase the traffic or traffic noise. Therefore, no noise analysis is required. The No Noise Analysis Required District Determination can be found in the Project File Under Noise/Project Information. District approval date 05/06/25.

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: 05/06/2025

Regulated Materials Review Remarks:

Regulated Materials Review Screening was prepared by Corey Czinger, Environmental Specialist 3. Based on findings, no further Regulated Materials Review is required. Corey Czinger, Environmental Specialist, approved Regulated Materials Review on 05/06/2025.

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
N/A	N/A	N/A

Environmental Justice Remarks

As of January 21, 2025, EO 12898 was revoked. Therefore, no discussion and/or analysis specific to Environmental Justice Populations (Minority & Low-Income) will be provided in the Environmental Analysis. Instead, any potential impacts will be addressed through the Public Involvement Process.

Public Involvement

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

Public Involvement Remarks

Property Notification Letters were sent out on 06/23/23. No responses were received. The Property Notification Letters 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



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Environmental Commitments

Yes



Environmental Commitments

C2

1) 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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2) No Asbestos or Asbestos Below Regulatory Limits

An asbestos survey for the Kinsman Road Bridge (SR 87) over Silver Creek in Novelty, Geauga County, Ohio (SFN #2800667) scheduled for demolition work was conducted by a Licensed Asbestos Hazard Evaluation Specialist. A copy of the Asbestos Inspection Report for the structure is included in the plan package for this project. The Asbestos Inspection Report did not identify the presence of any asbestos containing materials above regulatory limits.

Dispose asbestos containing materials in a landfill licensed by the Ohio Department of Health and permitted by the Ohio Environmental Protection Agency - Division of Air Pollution Control to accept asbestos containing material. The removal and disposal of all asbestos containing material must comply with the Ohio Administrative Code (OAC) regulations and the National Emission Standard for Hazardous Air Pollutants (NESHAP) standard for asbestos.

Electronic Submission:

Submit a completed electronic Notification of Demolition and Renovation Form (NDRF), applicable fees, and the Asbestos Inspection Report to the OEPA at least 10 days prior to any demolition activity, renovation activity, or both. Submit the NDRF and payment along with the Asbestos Inspection Report using the OEPA eBusiness Center. Submit one electronic PDF copy and one hard copy of the NDRF to the Engineer. The Engineer will provide one copy to the District Environmental Staff.

Hard Copy Submission:

The Contractor may submit a hard copy of the completed NDRF and payment along with the Asbestos Inspection Report. Follow the mailing instructions on the NDRF. Check with Local Health Department [insert contact information] to determine if they require a hard copy submittal.

Submit the completed NDRF to OEPA at least 10 days prior to demolition activity, renovation activity, or both. Retain two hard copies of the NDRF and submit one copy to the Engineer and one copy to District Environmental staff [insert contact information].

Basis of Payment:

Submit all documentation related to the survey, abatement, transport, and disposal of asbestos containing materials to the Engineer within two weeks of completion. The Engineer will provide a copy of the documentation to the District Environmental Staff.

Payment for this work shall be made at the bid price of lump sum.

The following estimated quantity has been included in the general summary for the work noted above:

690E71000 Special - Asbestos Abatement: Work Involving Asbestos Containing Materials (Lump Sum)

OR

MOP 202 Removal of Structures and Obstructions: Work Involving Asbestos Containing Materials Lump Sum

OR

Other appropriate Pay Item

3) The Project Designer shall incorporate the following note into the plans: NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO FEDERALLY AND STATE LISTED BAT SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSE OF THIS NOTE, A TREE IS DEFINED AS A LIVE, DYING, OR DEAD WOODY PLANT WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOVE THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET.



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- 4) Tree Removal AMM 1: Modify all phases/aspects of the project (e.g., temporary work areas, alignments) to avoid tree removal in excess of what is required to implement the project safely.
- 5) Tree Removal AMM 3. Ensure tree removal is limited to that specified in project plans by clearly marking clearing limits. Ensure that contractors understand clearing limits and how they are marked in the field.
- 6) As living mussels were identified within the reconnaissance area, a full survey and relocation effort following the Ohio Mussel Survey Protocol will be complete prior to construction.



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Preparers and Approvals

Form Preparer: Susan Daniels
Lawhon & Associates, Inc.
1441 King Avenue, Columbus OH 43212
614-481-8600
sdaniels@lawhon-assoc.com

Supporting Form Preparer(s): Thomas Sorge

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Thomas Sorge (PROGRAM ADMIN 3)	6/27/2025



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Noise

District Determination - No Noise Analysis Required.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

Ecological

ODNR Comments

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Public Involvement

Property Owner Notification Letter.pdf

Permits

Coordination with Local Floodplain Administrator.pdf

FEMA FIRM.pdf