



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

CUY Old Detroit Rd Bridge Rehab PID 123855

Environmental Document Level: C2

Approved: 12/1/2025

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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

C2 Section

PIDs	123855
Project Sponsor	Cleveland, City of
ODOT District	12
Funding Source	Federal

Project Description:

Rehabilitate the historic Old Detroit Rd Bridge over abandoned CSX RR in the city of Cleveland, Cuyahoga County. Local Bridge Program (Bridge SFN 1867644).

No permanent or temporary right-of-way is expected to be needed for this project.

Utility impacts are expected throughout construction.

The eastbound lane of Detroit Avenue will be temporarily closed to through traffic and detoured during construction. Detour signage will be posted prior to lane closures. The westbound lane on Detroit Avenue will be maintained. Temporary pedestrian access facilities and access to nearby properties and drives will be maintained at all times. Existing on-street parking conflicting with construction activities will be temporarily restricted. Construction is expected to begin in the summer of 2026 and will last approximately 5 months.

Ecological: No work in streams, wetlands, or pollinator initiative sites. No tree removal.

Cultural Resources: This project focuses on the safety and preservation of the Old Detroit Road Twin Stone Masonry Culverts (SFN: 1867644), the oldest brick arch in the Ohio Historic Bridge Survey. This 1853 structure, eligible for National Register listing, was Cleveland's first bridge over the original Erie Lackawanna RR Tracks. The barrels were partially filled by earlier development. The work is essentially limited to the existing bridge footprint.

Project scope includes:

- **Partial filling of culvert barrels** with flowable fills, secured by two slightly recessed end walls.
- **Restoration of existing headwall and wingwalls:** non-abrasive cleaning, in-kind replacement of damaged stone, tuck-pointing, and sealing with Cleveland Landmarks and SHPO-approved methods.
- **Lateral anchoring of the headwall** to accommodate traffic loadings.
- **Replacement of modern railings** with similar-scale safety railings.
- **Replacement of damaged concrete pavements, sidewalks, and parking** within the bridge's footprint.
- **Vegetation and tree stump removal** behind headwall and wingwalls.
- **Installation of an underdrain system** behind the headwall and along wingwalls, daylighting at the embankment.
- **Construction of a standard-design back-of-wall swale** for surface runoff interception.

This undertaking aligns with Appendix B of the executed Section 106 Programmatic Agreement (Agreement No. 38503), specifically addressing historic bridge maintenance and safety activities. These measures ensure the 1853 double-barrel brick arch railroad structure remains in place with minimal potential to affect historic properties, in accordance with Stipulation V(C)(1) of the Agreement.

The project is not located in a regulated floodplain; therefore, no coordination was required. Floodplain mapping can be found in the Project File under Permits/Floodplain.



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Regulated Materials Review Screening was prepared by John Korth, Lawhon and Associates Project Manager. Based on findings, no further Regulated Materials Review is required. Corey Czinger, ODOT District 12 Environmental Specialist, approved Regulated Materials Review on 11/05/25.

Section 4(f) - A Section 4(f)/6(f) Determination Request Form for Recreational Properties (DRF) was submitted to ODOT-OES Policy Staff on November 14, 2025. Based upon review of the DRF it was determined the proposed project can be processed as an exception to the requirement for Section 4(f) approval. In accordance with 23 CFR 774.13(g), the proposed project will preserve and/or enhance the Centennial Trail and will not adversely affect the protected recreational activities, features, or attributes. This determination was made based on the proposed scope of work and concurrence received from the Official with Jurisdiction (OWJ). No further Section 4(f) coordination is required at this time. A re-evaluation of Section 4(f) impacts may be required if changes to the proposed scope of work alter the degree of impacts to the Centennial Trail. Furthermore, all appropriate environmental commitments related to measures to minimize harm and/or resulting mitigation should be listed accordingly in the environmental document.

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

A property owner notification letter was sent on October 13, 2025 notifying nearby property owners of the project and a web posting was posted to the City of Cleveland website soliciting responses from the public. Four email comments were received, and a stakeholder virtual meeting was held on November 13, 2025 with members of the Stonebridge Building HOA to discuss the project detour route and construction impacts on residents and an ongoing construction project on their condo building, after a comment was received by a resident. The Stonebridge Homeowners Association has planned construction on their building running concurrently with the Old Detroit Road Bridge Project. The project team (GPD Group) has agreed to a follow up Teams meeting (assumed December 2025) with the Association's construction team in order to coordinate construction schedules with the Association. The official comment period closed on 11/13/2025, though coordination with the Homeowners Association will continue. Comment responses were sent by the project team on November 25, 2025. All public involvement materials and mailing lists can be found in the Project File under Public Involvement/Project Information. ODOT has determined to proceed with the project as currently designed.

Construction: \$1,725,000.00: 100% federal.

The project has been designed by GPD Associates.

The environmental documentation and associated studies are being approved using Stage 3 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
CO	123855: 26-29 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 - a. Acquisition of more than a minor amount of ROW (exceeds strip takes) b. Residential or non-residential displacements c. A U.S. Coast Guard permit or an Individual Section 404 permit under the Clean Water Act d. A Section 106 finding of Adverse Effect e. Section 4(f) impacts greater than de minimis f. A finding of May Affect, Likely to Adversely Affect to Threatened and Endangered Species g. Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions h. Changes in access control i. Floodplain encroachment other than functionally



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dependent uses (e.g., bridges, wetlands) or actions that facilitate open space use (e.g., recreational trails, bicycle and pedestrian paths) 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 k. No minor public or agency controversy on environmental grounds (no opposition from any organized groups or agencies and no unresolved environmental coordination) l. Substantial Community Impacts (if a Community Impact Assessment is required, contact OES for guidance). 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: Not Present

Will any wetlands be impacted? No

The identified Federally Listed Species for the project received an effect determination of No Effect.

Endangered Species Remarks:

No effect towards endangered species. The project was determined to be ecologically exempt by ODOT D12 on 11/18/2025.

Scenic Rivers No National Wild and Scenic River
Within 1000 Feet of the Proposed
Project Area

Scenic Rivers Remarks

No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area. No coordination is required.

Floodplains

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

Floodplain Remarks

The project is not located within a Special Flood Hazard Zone. No Floodplain Coordination is required. Floodplain mapping can be found in the Project File under Permits/Floodplain.

Section 4(f)

Section 4(f): Present; No Impacts and/or Access
Restrictions

Section 4(f) Remarks

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Section 6(f)

Section 6(f): Present; No Impacts and/or Access Restrictions

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 05/21/2025

Cultural Resources Remarks

This project focuses on the safety and preservation of the Old Detroit Road Twin Stone Masonry Culverts (SFN: 1867644), the oldest brick arch in the Ohio Historic Bridge Survey. This 1853 structure, eligible for National Register listing, was Cleveland's first bridge over the original Erie Lackawanna RR Tracks. The barrels were partially filled by earlier development. The work is essentially limited to the existing bridge footprint.

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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 'rehabilitate the historic Old Detroit Road Bridge' 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 rehabilitate the historic Old Detroit Road Bridge 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 02/20/25.

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

No

Hazardous Materials - OES Approval Date:

11/05/2025

Regulated Materials Review Remarks:

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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



Environmental Commitments

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- 1) Access to the Centennial Trail shall be maintained during construction activities.
- 2) Temporary construction fencing shall be installed along proposed construction limits prior to the start of construction activities where necessary to protect the existing Section 4(f) property and the public.
- 3) Appropriate signage shall be installed to alert users of the Centennial Trail of construction activities, access restrictions or closures, and to direct users to secondary access points.
- 4) The contractor shall be required to closely coordinate the construction schedule with ODOT, the Cleveland Foundation and the City of Cleveland prior to the start of construction activities.
- 5) The project team will hold a virtual follow-up meeting with The Stonebridge Building Homeowner's Association to continue discussions on project coordination for construction.
- 6) Asbestos Survey needs to be approved before Plan File on 01/02/2026.
- 7) ASBESTOS NOTIFICATION

A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST SURVEYED THE BRIDGE STRUCTURE SCHEDULED FOR 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, GAEIFILED 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.



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Preparers and Approvals

Form Preparer:

Jaclyn Bruns
Lawhon & Associates
1441 King Ave., Columbus OH 43212
740-224-0724
Jbruns@lawhon-assoc.com

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Thomas Sorge (PROGRAM ADMIN 3)	12/1/2025



Appendix

General

Aerial Map ELLIS.pdf

Aerial Map.pdf

County Map.pdf

Project Photos of Old Detroit Road Bridge.pdf

USGS Quadrangle Topographical Map.pdf

Noise

No Noise Analysis Required District Determination.pdf

Cultural Resources

Historic Bridge Survey Form.pdf

Minimal Potential to Cause Effect - Appendix B

Photographs.pdf

Records Check.pdf

Transmittal 1 -

Ecological

ODNR Scenic River MOA Conditions

Section 4(f)

OES Recreational 4(f) Determination.pdf

Section 6(f)

LWCF Grant Listing.pdf

Public Involvement

Press Release.pdf

Public Comments Received.pdf

Public Notification Letter .pdf

Response to Public Comments.pdf

Right of Entry Letter.pdf

Stakeholder Notification.pdf

Permits

FEMA FIRM.pdf