



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

CUY IR 071/VAR 02.30/VAR Repair PID 117837

Environmental Document Level: C2

Approved: 5/4/2026

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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.....	8
Environmental Commitments.....	10
Preparers and Approvals.....	11
Appendix.....	12



C2

Project Information

C2 Section

PIDs	117837
Project Sponsor	ODOT Sponsoring Agency
ODOT District	12
Funding Source	Federal

Project Description:

Repair 3 bridge culverts at various locations in Cuyahoga County (Construction only for locations split from PID 117837, design remains under PID 117837). CFN 1810464, CFN 1810003, CFN 1810005.

Temporary and permanent right-of-way is not required for this project.

Utility impacts are unlikely.

Construction will not require Maintenance of Traffic Plan (MOT).

Ecological impacts. Location 1: 252; Stream 1, perennial, WWH; 539 feet located in the Study Area, 505 feet of impacts. Stream 2, intermittent, class I; 30 feet located in the Study Area, 10 feet of impacts. Stream 3, intermittent, class II; 51 feet located in the Study Area, 41 feet of impacts. Wetland A, palustrine forested wetland, category 1; 0.048 acres located in the Study Area, 0.011 acres of impacts. Location 2: 71; Stream 4, perennial, class II; 825 feet located in the Study Area, 768 feet of impacts. Stream 5, intermittent, class II; 168 feet located in the Study Area, 144 feet of impacts. Wetland B, palustrine forested wetland, category 1; 0.111 acres located in the Study Area, 0.111 acres of impacts. Wetland C, modified category 2, category 1; 0.145 acres located in the Study Area, 0.104 acres of impacts. Location 3: 480; Stream 6, perennial, WWH; 97 feet located in the Study Area, 0 feet of impacts. Stream 7, perennial, WWH; 693 feet located in the Study Area, 672 feet of impacts. Wetland D, isolated palustrine emergent wetland, category 1; 0.185 acres located in the Study Area, 0.165 acres of impacts. Streams and wetlands will be impacted from the replacement or repairs of the culverts and the placement of RCP during construction. Bat habitat tree removal for this entire project, bat coordination required. All necessary tree removal shall occur from October 1 through March 31. 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 ecological resources 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 the proposed project area. For location CFN 1810464, one (1) Historic Inventory - CUY0181314 was identified adjacent to the proposed project area and two (2) Historic Surveys - H00063/H00059 was identified within the proposed project area. For location CFN 1810003, one (1) Historic Survey - H00059 and one (1) Previously Surveyed Areas - 973 was identified within 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 01/30/26.

The project is located in a regulated floodplain, Zone A, at location CFN 1810003; therefore, coordination was required. Compass Infrastructure Group, LLC. obtained the floodplain permit from the City of Strongsville Floodplain Coordinator on 10/09/2025.



Environmental Document Level: C2
PID 117837 CUY IR 071/VAR 02.30/VAR Repair
Submitted for Approval Printed 5/4/2026

Floodplain permit and FEMA map can be found in the Project File under Permits/Floodplain.

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 01/30/26.

The project type of 'bridge culvert repairs' is considered insignificant from an air quality conformity perspective, as per 40 CFR 93.126. Therefore, the project is exempt from air quality coordination.

The project is adding a bridge culvert repairs 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 01/30/26.

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

Property Owner Notification Letters were sent out on August 19, 2024, and June 19, 2025. Responses were received and addressed. Property Owner Notification letters and responses can be found in the Project File under Public Involvement/Project Information. ODOT has determined to proceed with the project as currently designed.

Construction: \$2,889,000.00: 90% federal and 10% state.

The project has been designed by Compass Infrastructure Group, LLC.

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	117837: 26-29 STIP
RW	117837: 26-29 STIP
CO	117837: 26-29 STIP
DD	On Previous 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:

(26) Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (including parking, weaving, turning, and climbing lanes), if the action meets the constraints in paragraph I of this section. **Examples include: Joint or limited use of right-of-way where the proposed use would have minimal or no adverse social (including highway safety), economic or environmental impacts; Installation of new noise walls and other new noise mitigation projects; Construction of highway safety and truck escape ramps; Construction of bicycle lanes and pedestrian walkways, sidewalks, shared-use paths, or facilities and trailhead parking that do not otherwise qualify for a C1 designation; Beautification or facility improvement projects (i.e. landscaping, curb and gutter installation and replacement, ADA ramps/curb ramps, installation of park benches, decorative lighting, etc.); Construction of alternative energy facilities (fuel tank farms, wind turbines, etc.)**

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



Environmental Document Level: C2
 PID 117837 CUY IR 071/VAR 02.30/VAR Repair
 Submitted for Approval Printed 5/4/2026

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 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: 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

The following Federally Listed Species received an effect determination of May Affect, Not Likely to Adversely Affect:

Species Common Name	Species Scientific Name	Listing Status	Most Recent Coordination Date
Indiana Bat	Myotis sodalis	Endangered	04/23/2026
Northern Long-eared Bat	Myotis septentrionalis	Endangered	04/23/2026
Tricolored Bat	Perimyotis subflavus	Proposed Endangered	04/23/2026

The following Federally Listed Species received an effect determination of No Effect:

Species Common Name	Species Scientific Name	Listing Status	Most Recent Coordination Date
Bald Eagle	Haliaeetus leucocephalus	Species of Concern	04/23/2026
Piping Plover	Charadrius melodus	Endangered	04/23/2026
Rufa Red Knot	Calidris canutus rufa	Threatened	04/23/2026

Endangered Species Remarks:

No effect towards endangered species.

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 A, at location CFN 1810003; therefore, coordination was required. Compass Infrastructure Group, LLC. obtained the floodplain permit from the City of Strongsville Floodplain Coordinator on 10/09/2025. Floodplain permit and FEMA map 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 A

Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date

01/30/2026

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 the proposed project area. For location CFN 1810464, one (1) Historic Inventory - CUY0181314 was identified adjacent to the proposed project area and two (2) Historic Surveys - H00063/H00059 was identified within the proposed project area. For location CFN 1810003, one (1) Historic Survey - H00059 and one (1) Previously Surveyed Areas - 973 was identified within 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 01/30/26.

Environmental Resources Considered

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

Regulated Materials



Noise

Air Remarks

The project type of 'bridge culvert repairs' 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 adding a bridge culvert repairs 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 01/30/26.

The project involves ROW acquisition, Deep Excavation, or OEPA 513 Landfill Authorization: No

Hazardous Materials - OES Approval Date: 01/30/2026

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 3, approved Regulated Materials Review on 01/30/2026.

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 August 19, 2024, and June 19, 2025. Responses were received and addressed. Property Owner Notification letters and responses 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.):
CUY IR71 VAR 2.30 VAR Repair	A	Adjacent	Category 1	0.067	0.011
	B	Adjacent	Category 1	0.111	0.111
	C	Adjacent	Modified Category 2	2.151	0.104
	D	Isolated	Category 1	0.201	0.165
CUY-252-3. 657	Wetland A	Adjacent	Category 1	0.067	0.011
CUY-480-17 .158	Wetland D	Isolated	Category 1	0.201	0.165
CUY-71-2.2 98	Wetland B	Adjacent	Category 1	0.111	0.111
	Wetland C	Adjacent	Modified Category 2	2.151	0.104

Has an Approved and/or Preliminary Jurisdictional Determination been made by the USACE? Yes

Total impact to all wetlands (ac.): 0.782

Total acres of non-isolated wetlands impacted: 0.452

Total acres of isolated wetlands impacted: 0.330

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:



Environmental Document Level: C2
PID 117837 CUY IR 071/VAR 02.30/VAR Repair
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Minimal impacts are needed towards streams and wetlands due to the three (3) bridge culvert repairs at various locations in Cuyahoga County.

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:

All practicable measures have been considered and incorporated into the project design to minimize the impacts to streams and wetlands as best as possible.



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.
- 2) 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.
- 3) 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.
- 4) 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.
- 5) Asbestos Survey needs to be complete before Plan File on 10/01/2026.



Preparers and Approvals

Form Preparer: Jeff Pettit
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Supporting Form Preparer(s): Corey Czinger
Ana Burns
Rebecca Strait

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Thomas Sorge (PROGRAM ADMIN 3)	5/4/2026



Appendix

Noise

No Noise Analysis Required - District Determination.pdf

Cultural Resources

Records Check.pdf

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Section 6(f)

LWCF Grant Listing.pdf

Public Involvement

Property Owner Notification Letters 2.pdf

Property Owner Notification Letters.pdf

Response to Public Comments.pdf

Permits

FEMA FIRM.pdf

Floodplain Permit.pdf