



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document for **CUY SR 291 02.99 Deck PID 117817** **Environmental Document Level: C2**

Approved: 7/10/2026

Prepared By: District 12

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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 the Memorandum of Understanding dated May 8, 2026 and executed by FHWA and ODOT and the Memorandum of Understanding dated December 3, 2024, and executed by FRA and ODOT.

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C2

Project Information

C2 Section

PIDs	117817
Project Sponsor	ODOT Sponsoring Agency
ODOT District	12
Funding Source	Federal
Project Description:	



Environmental Document Level: C2
PID 117817 CUY SR 291 02.99 Deck
Submitted for Approval Printed 7/10/2026

Replace the deck of the Snow Road bridge over Engle Road (SR-291) and the CSX Railroad in the City of Brook Park. Work will include other miscellaneous repairs.

ROW is not required. Utility impacts are likely. Railroad impacts are likely.

Construction will require Maintenance of Traffic Plan (MOT).

No ecological impacts.

Cultural Resources: This bridge is also Historical Bridge List Eligible (shown in the 1960s bridge study), but this work will not heavily impact the historically significant aspect of this bridge (Delta Frame Girder Substructure). This project will replace the deck of the historic Snow Road bridge over Engle Road (SR-291) and the CSX Railroad in the City of Brook Park. Work will include other miscellaneous repairs. Bridge No. CUY-291-0299 (SFN 1811967) will be rehabilitated and receive a new composite concrete deck. Along with the new deck, the sidewalks on the bridge will be widened from 4'-0" to 6'-1", new bridge parapets will be constructed, and new 6'-0" vandal protection fencing will be installed. The abutment backwalls will be replaced, there will be new 15'-0" approach slabs, and new expansion joints installed. The bearings at the abutments will be replaced and the beam seat will be raised with new reinforced concrete. The end crossframes at the abutments will also be replaced. Existing beam pin and hanger hinges will be replaced, and the web splices will be retrofit. All the abutment wingwalls and the retaining wall at the Southwest corner of the bridge will be replaced. Additionally, the bridge parapets and railings will likely receive supplemental aesthetic treatments paid for with local funds, although details for those have yet to be delivered to ODOT. The bridge will be closed for one full construction season to complete the deck replacement and EB/WB traffic will be detoured using SR-237, IR-480, and IR-71. All work is expected to be within the existing R/W. Coordination with CSX RR, whose tracks are flown over by this bridge, will be necessary. No right-of-way is required to complete the work. Utility impacts are likely. Railroad impacts are likely. This bridge is eligible for the NRHP as an example of delta truss framework in Ohio as a result of the 1960s bridge study. The work which takes place within the existing right-of-way has minimal potential to impact elements of the truss system for which is it considered historic (Delta Frame Girder Substructure). The presence of intact archeological deposits is unlikely, due to the industrialized nature of the area and magnitude of the undertaking, which is limited to the existing footprint of the highway bridge. No further cultural resource studies are recommended for the bridge maintenance work. The historic bridge maintenance work follows Appendix B of Agreement No. 38503 Bridge and Culvert Improvement Project Types (4)(a) and (c). Therefore, in accordance with Stipulation V(C) (1) and Appendix B of the Section 106 Programmatic Agreement executed on June 29, 2023 (Agreement No. 38503), ODOT-OES has determined that the proposed project is a type of undertaking that has 'minimal potential to cause effects' to historic properties and is not a part of a larger undertaking. The environmental documentation and associated studies are being approved using Stage 1 design. A copy of the plans is included in the project file. OES approval 06/11/26.

The project is not located in a regulated floodplain. The FEMA Firm can be found in the Project File Under Permits/Floodplains. Regulated Materials Review Screening was prepared by Corey Czinger, ODOT D12 Environmental Specialist 3. Based on findings, no further Regulated Materials Review is required. Corey Czinger, ODOT D12 Environmental Specialist 3, approved Regulated Materials Review on 07/10/2026.

The project type of 'bridge deck replacement and miscellaneous 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 bridge deck replacement and miscellaneous repairs in Cuyahoga County. 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 07/10/26.

No other environmental or hazardous materials will result from this project.

A press release was also sent out by ODOT on 06/09/26 to notify the public of the project and project website. Property owner notification letters were sent by ODOT on 06/11/26 to notify the residents and stake holders of the project and provide information on the stakeholders meeting being held virtually on 06/25/2026 at 1:00 PM. Multiple responses were received during the stakeholder meeting, all comments regarding Maintenance of Traffic Plan (MOT) and project schedule. All comments were addressed during the meeting. The press release and 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: \$10,981,500.00: 80% federal and 20% state.

The project has been designed by Robinson, E.L. Engineering Co.

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



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Phase	Current STIP Reference
ENV	117817: 26-29 STIP
CO	117817: 26-29 STIP
DD	117817: 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 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.

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 not located in a regulated floodplain. The FEMA Firm can be found in the Project File Under Permits/Floodplains.

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

06/11/2026

Cultural Resources Remarks

Cultural Resources: This bridge is also Historical Bridge List Eligible (shown in the 1960s bridge study), but this work will not heavily impact the historically significant aspect of this bridge (Delta Frame Girder Substructure). This project will replace the deck of the historic Snow Road bridge over Engle Road (SR-291) and the CSX Railroad in the City of Brook Park. Work will include other miscellaneous repairs. Bridge No. CUY-291-0299 (SFN 1811967) will be rehabilitated and receive a new composite concrete deck. Along with the new deck, the sidewalks on the bridge will be widened from 4'-0" to 6'-1", new bridge parapets will be constructed, and new 6'-0" vandal protection fencing will be installed. The abutment backwalls will be replaced, there will be new 15'-0" approach slabs, and new expansion joints installed. The bearings at the abutments will be replaced and the beam seat will be raised with new reinforced concrete. The end crossframes at the abutments will also be replaced. Existing beam pin and hanger hinges will be replaced, and the web splices will be retrofit. All the abutment wingwalls and the retaining wall at the Southwest corner of the bridge will be replaced. Additionally, the bridge parapets and railings will likely receive supplemental aesthetic treatments paid for with local funds, although details for those have yet to be delivered to ODOT. The bridge will be closed for one full construction season to complete the deck replacement and EB/WB traffic will be detoured using SR-237, IR-480, and IR-71. All work is expected to be within the existing R/W. Coordination with CSX RR, whose tracks are flown over by this bridge, will be necessary. No right-of-way is required to complete the work. Utility impacts are likely. Railroad impacts are likely. This bridge is eligible for the NRHP as an example of delta truss framework in Ohio as a result of the 1960s bridge study. The work which takes place within the existing right-of-way has minimal potential to impact elements of the truss system for which is it considered historic (Delta Frame Girder Substructure). The presence of intact archeological deposits is unlikely, due to the industrialized nature of the area and magnitude of the undertaking, which is limited to the existing footprint of the highway bridge. No further cultural resource studies are recommended for the bridge maintenance work. The historic bridge maintenance work follows Appendix B of Agreement No. 38503 Bridge and Culvert Improvement Project Types (4)(a) and (c). Therefore, in accordance with Stipulation V(C) (1) and Appendix B of the Section 106 Programmatic Agreement executed on June 29, 2023 (Agreement No. 38503), ODOT-OES has determined that the proposed project is a type of undertaking that has 'minimal potential to cause effects' to historic properties and is not a part of a larger undertaking. The environmental documentation and associated studies are being approved using Stage 1 design. A copy of the plans is included in the project file. OES approval 06/11/26.

Tribal Consultation Summary/Remarks:



Tribes were notified of the project reevaluation on 6/11/26. To date, no objections or comments were received. If a Tribe comments or objects to the project within the 30-day review, ODOT will address them in a timely and appropriate manner.

Environmental Resources Considered

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

Noise

Regulated Materials

Air Quality

Farmland

Air Quality: Studies Not Required

Air Quality - Coordination with OES: No

Air Remarks

The project type of 'bridge deck replacement and miscellaneous 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 bridge deck replacement and miscellaneous repairs in Cuyahoga County. 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 07/10/26.

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: 07/10/2026

Regulated Materials Review Remarks:

Regulated Materials Review Screening was prepared by Corey Czinger, ODOT D12 Environmental Specialist 3. Based on findings, no further Regulated Materials Review is required. Corey Czinger, ODOT D12 Environmental Specialist 3, approved Regulated Materials Review on 07/10/2026.

Farmland: Urbanized Area; No Impacts in Accordance With the Farmland MOU and 7 CFR 658

Public Involvement



Public Involvement:

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

Public Involvement Remarks

A press release was also sent out by ODOT on 06/09/26 to notify the public of the project and project website. Property owner notification letters were sent by ODOT on 06/11/26 to notify the residents and stake holders of the project and provide information on the stakeholders meeting being held virtually on 06/25/2026 at 1:00 PM. Multiple responses were received during the stakeholder meeting, all comments regarding Maintenance of Traffic Plan (MOT) and project schedule. All comments were addressed during the meeting. The press release and 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

Environmental Commitments

Yes



Environmental Commitments

C2

- 1) Asbestos Survey to be complete before Plan File on 12/15/2026.



Preparers and Approvals

Form Preparer

District 12
Contact: Corey Czinger
Corey.Czinger@dot.ohio.gov

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Thomas Sorge (PROGRAM ADMIN 3)	7/10/2026



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Noise

No Noise Analysis Required - District Determination.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

The Fourth Ohio Historic Bridge Plan.pdf

Section 6(f)

LWCF Grant Listing.pdf

Public Involvement

Press Release.pdf

Property Owner Notification Letters.pdf

Permits

FEMA FIRM.pdf