



# OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 04  
2088 SOUTH ARLINGTON RD. • AKRON, OH 44306 • 330-786-3100

## **Environmental Document**

for

## **SUM Dillman Rd Bridge (Hudson) PID 119823**

**Environmental Document Level: C2**

**Approved: 6/24/2024**

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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

<b>PID:</b>	119823
<b>Project Sponsor:</b>	Hudson, City of
<b>ODOT District:</b>	4
<b>Funding Source:</b>	Federal

### C2 Section

#### Project Description:

The city of Hudson, in cooperation with the Ohio Department of Transportation (ODOT), proposes to rehabilitate the existing Dillman Drive Bridge over a stream identified as the North Branch (Unnamed Tributary RM 0.18) in the city of Hudson, Summit County. The bridge is located south of the Hudson Aurora Road and Dillman Drive intersection and carries one travel lane in each direction. It is 25 feet long and 28 feet wide. The existing bridge is a prestressed concrete box beam structure with an integral concrete wearing surface on concrete abutments built in 1977.

The purpose of the project is to fix the bridge that is deteriorating based on annual bridge inspections. The proposed improvements include replacing the superstructure/deck and approach slabs, along with approach roadway repairs, resurfacing and guardrail improvements at the bridge.

Mapping that depicts the project location on United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Mapping is included in Project File/General/Project Information as *USGS Quadrangle Topographical Map.pdf*.

A full roadway closure of Dillman Drive at the existing bridge will be needed between Hudson Aurora Road and Asthon Drive. The bridge will be closed to traffic during construction for a maximum of 150 consecutive days. The official signed detour route will use Hudson Aurora Road, Stow Road, Stonebridge Court, Ashton Drive and Huntington Road.

The project will not require any new permanent or temporary right-of-way. Additionally, total takes and/or relocations are not proposed to construct the project.

Utility impacts are expected with the project. Coordination with the utility companies in proximity to the proposed construction activities was conducted for the project during its preliminary engineering phase and will continue during its detailed design phases. Construction is currently scheduled to begin in the summer of 2025 and last approximately 5 months.

A Level 1 Ecological Survey Report was completed by Lawhon ecological personnel for the project. A stream identified as the North Branch (Unnamed Tributary RM 0.18), one wetland and habitat suitable for roosting bats were identified during the reconnaissance survey. The project will impact approximately 59 feet of stream and 0.006-acre of wetland and approximately 0.050 acre of suitable wooded habitat (SWH) for the federally listed Indiana bat, northern long-eared bat, and tricolored bat species. No other ecological resources are present within the project construction limits. See the ecological documentation for the project in the Project File/Ecological/Project Information and Reports subsections and the Ecological tab.

Active or sealed water wells are not located within the project study area. Well log data and documentation can be found in the Project File/Other Resources/Drinking Water subsection.

The project will not impact any other environmentally sensitive resources within the project study area.

The environmental document and associated studies, as applicable, were approved using the Stage 3 Design Plans. A copy of the Stage 3 Design Plans for the project is included in the Project File/General/Project Information subsection as Stage 3 Design.pdf.

The estimated total project cost specified in Ellis agrees with the total project cost specified in the ODOT State Fiscal Years 2024 - 2027 Statewide Transportation Improvement Program (STIP).

**The next phase of the proposed project is listed on the STIP:** Yes

#### Ellis STIP Details



Phase	Current STIP Reference
CO	119823: 24-27 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 -**

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?**

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	<i>Myotis sodalis</i>	Endangered	05/23/2024
Northern Long-eared Bat	<i>Myotis septentrionalis</i>	Endangered	05/23/2024
Tricolored Bat	<i>Perimyotis subflavus</i>	Proposed Endangered	05/23/2024

**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	<i>Haliaeetus leucocephalus</i>	Species of Concern	05/23/2024
Eastern Massasauga	<i>Sistrurus catenatus</i>	Threatened	05/23/2024
Northern Monkshood	<i>Aconitum noveboracense</i>	Threatened	05/23/2024

**Endangered Species Remarks:**

A total of 0.313-acre of suitable forested bat habitat were identified in the project area. The project will impact approximately 0.050 acre of suitable wooded habitat (SWH) for the federally listed Indiana bat, northern long-eared bat, and tricolored bat species. The project will also impact 0.050 acre of habitat for the state listed little brown bat. A bridge inspection was performed on the bridge to assess for the presence of roosting bats; no evidence of bats was observed. See the threatened/endangered species documentation for the project in the Project File/Ecological/Project Information and Reports subsections and the Ecological tab.

**Scenic Rivers**

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

**Scenic Rivers Remarks**

National or state-listed wild and scenic rivers are not located within 1,000 feet of the project study area. The project will not impact any scenic river.

**Floodplains**

**100-Year Floodplain:**

No Encroachment Within a Special  
 Flood Hazard Area (SFHA)

**Floodplain Remarks**

Lawhon environmental personnel reviewed the FEMA FIRM mapping for the project study area and determined none of the proposed construction activities are located within a designated Special Flood Hazard Area (SFHA) floodplain. See the floodplain mapping and documentation for the project in the Project File/Permits/Floodplains subsection.

**Section 4(f)**

**Section 4(f):**

Not present

**Section 4(f) Remarks**



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A review of the Summit County Auditor's website and available mapping did not identify any recreational resources within the project study area. Section 4(f) coordination is not required for the project.

**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** 06/10/2024

**Cultural Resources Remarks**

A Cultural Resources Records Check was performed using the SHPO GIS online database to determine if previously recorded cultural resources are located within the project Area of Potential Effects (APE), the footprint of the project. 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. Additionally, the existing bridge (SFN 7740220) was built in 1977 but is not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). Therefore, in accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement executed June 29, 2023, Cultural Resource PA (Agreement 38503), ODOT OES determined the project is a type of undertaking that has "minimal potential to cause effects" to historic properties and is not part of a larger undertaking. No further cultural coordination is required for the project. See the cultural resources documentation for the project in the Cultural Resources tab.

**Environmental Resources Considered**

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

Regulated Materials

Farmland

**Air Remarks**

The project is an exempt project per 40 CFR 93.126 [Exempt projects, Air Quality: Widening narrow pavements or reconstructing bridges (no additional travel lanes)]. The project will not impact air quality. Air quality studies or coordination are not required for this project.

**Noise Remarks**

The project does not qualify as a Type I project for noise (i.e., not adding capacity, not moving thru travel lanes equal to or greater than 50% closer to noise sensitive areas) and a noise analysis is not required for the project under 23 CFR 772.

**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:**

05/01/2024

**Regulated Materials Review Remarks:**

Based on the information in the Regulated Materials Review (RMR) Screening Form completed for the project, further RMR activities or special materials management are not warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports subsection.

**Farmland:**

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

**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
391535331011	7	3

**Environmental Justice Remarks**

A review of the ODOT Transportation Information Mapping System (TIMS) indicated there are Environmental Justice populations within the proposed project study area. No businesses or residences will be acquired or relocated as part of the project.

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations based upon the table above and attached mapping. 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 and FHWA Order 6640.23A, no further analysis is required for the project.

Based on the above findings an Environmental Justice Analysis Report is not required for the project.

Census mapping is saved in the Project File/Environmental Justice/Project Information subsection.

**Public Involvement**

**Public Involvement:**

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

**Public Involvement Remarks**

City of Hudson solicited for public comments through an associated project notification letter and stakeholder notification. A project specific webpage was also created to solicit for comments. No comments were received during the public involvement activities. See the public involvement documentation for the project in the Project File/Public Involvement/Project Information subsection.



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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.):
SUM-Dillman Drive Bridge	Wetland 1	Adjacent	Category 1	0.038	0.006

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

Total impact to all wetlands (ac.): 0.006

Total acres of non-isolated wetlands impacted: 0.006

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 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 Substantially Increase Project Costs.

They Will Result in Unique Engineering, Traffic, Maintenance, or Safety Problems.

They Will Not Meet the Identified Needs of the Project.

**Include justification supporting the decisions noted above:**

Due to the proximity of wetlands to the existing Dillman Dr Bridge (SFN 7740220) over North Branch (Unnamed Tributary RM 0.18) avoidance would require retaining walls, which would substantially increase project costs, or unique guardrail design. As design work continues, further reductions in wetland impacts will be assessed to the maximum extent possible.

All practicable measures have been considered and incorporated into the project design to avoid,



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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:**

The project was designed to minimize impacts to wetlands and streams to the greatest extent practicable.



## **Environmental Commitments**

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1) The City of Hudson shall obtain all appropriate waterway permits prior to any construction work within the jurisdictional boundary of any waterway, including wetlands, and all applicable waterway permits shall be included in the plans and adhered to during project construction.

2) The project designer shall incorporate the following note into the plans: Endangered species habitat - Indiana bat/northern long-eared bat - the project is located within the known habitat ranges of the federally listed and protected Indiana bat and northern long-eared bat. 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 these species as required by the endangered species act. For the purposes 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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### **Preparers and Approvals**

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**Supporting Form Preparer(s):** Christine Surma  
Robert Lang

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	6/24/2024



## **Appendix**

### **General**

Aerial Map.pdf  
Correspondence Related to Utility Coordination.pdf  
County Map.pdf  
USGS Quadrangle Topographical Map.pdf

### **Cultural Resources**

Minimal Potential to Cause Effect - Appendix B  
Records Check.pdf

### **Ecological**

ODNR Scenic River MOA Conditions  
USFWS/ODNR Ecological MOA Conditions

### **Other Resources**

Census Bureau Urbanized Area Map.pdf  
Water Source Protection Area Map.pdf  
Well Log Data.pdf

### **Environmental Justice**

Census Mapping.pdf

### **Public Involvement**

Confirmation of No Comments Received.pdf  
Project Specific Website.pdf  
Property Owner Notification Letter.pdf  
Public Notification Mailing List.pdf  
Stakeholder Notification and List.pdf

### **Permits**

FEMA FIRM.pdf