



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **LAK SR 084 30.86 Replace PID 112999**

**Environmental Document Level: C2**

**Approved: 3/8/2023**

**Prepared By: Jaclyn Bruns**

Lawhon & Associates

Phone: 740-224-0724

E-mail: Jbruns@lawhon-assoc.com

District Contact: Mark Carpenter

Phone: 216-584-2089

E-mail: Mark.Carpenter@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.*

# Table of Contents

C2.....	3
Environmental Commitments.....	7
Preparers and Approvals.....	8
Appendix.....	9



## C2

<b>PID:</b>	112999
<b>Project Sponsor:</b>	ODOT SPONSORING AGENCY
<b>ODOT District:</b>	12
<b>Funding Source:</b>	Non-Federal
<b>Does this project require a Federal permit or approval?</b>	Yes
<b>Private Funding:</b>	No
<b>Project Description:</b>	

The Ohio Department of Transportation (ODOT) proposes to replace the bridge on South Ridge Road (State Route 84) over an unnamed tributary of Arcola Creek in Madison Township, Lake County. The existing structure is an 11-foot long structural plate corrugated steel pipe. The proposed structure is a 9' x 9' precast concrete box culvert with type A headwalls. Work also includes approach pavement and guardrail replacement. Construction is expected to begin summer 2025 and last approximately 4 months. Temporary and permanent right-of-way is anticipated. Some impacts to utilities are expected. The project will require closure of SR 84 for up to 90 days. A detour will be provided. At least one lane of traffic in each direction will be maintained during the remainder of construction. Approximately 125 linear feet of impact to an unnamed tributary to Arcola Creek will result from the proposed project. A USACE waterway permit will be required. Additionally, 0.05-acre of suitable wooded habitat (SWH) for the federally protected Indiana bat and northern long-eared bat, and state protected tricolored bat and little brown bat all within 100' EOP will be impacted. The project is not located within a USFWS bat buffer zone. The project *may affect not likely to adversely affect* these species. A plan note will be included in the project plans to limit tree clearing to between October 1 & March 31. No known populations of other federally listed species, state listed species, or Unionid mussels will be impacted by this project. These impacts are described in the Ecological tab. The project is located within a regulated floodplain. Coordination was conducted with the local floodplain administrator on 1/27/2023. The project will be designed to meet the requirements of the National Flood Insurance Program. Lake Metroparks owns a several parcels within the project area. These parcels do not serve a recreational purpose and are not a recognized Section 4(f) resource and therefore not afforded associated protections as stated in the LMP February 10, 2023 letter- in the Project File/Section4(f). A property owner notification letter was sent to adjacent property owners out on November 22, 2021 providing notification of the project and an opportunity to comment on the project. The comment period ended on December 22, 2021. No comments were received. Public Involvement Conclusion: No revisions to the project design have been made due to public comments. ODOT has decided to proceed with the project as currently designed. No other environmental, hazardous materials, cultural resources, Section (4)f /6(f), or underserved population impacts will result from this project. The environmental document and associated studies were reviewed using the Stage 1 Design plans for the project. A copy of the Stage 1 Design plans can be found in the project file.



STIP Reference #:

112999: 21-24 STIP

**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 right-of-way
2. b. Residential or non-residential displacements
3. c. A Coast Guard, Individual Section 404 and/or a Section 10 permit
4. d. A Section 106 finding of *Adverse Effect*
5. e. A Section 4(f) Programmatic or Individual Evaluation
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. If an EJ Analysis Report is required, the project must be processed as a D-level CE or higher level document

**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.**

<b>Waterways:</b>	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
<b>Waterways Permit Type:</b>	Permit Determination and/or Permit Application Approval Pending
<b>Isolated Wetland Permit</b>	No
<b>Will any wetlands be impacted?</b>	No
<b>Endangered Species:</b>	Present; No finding of May Affect, Likely to Adversely Affect
<b>Endangered Species - Coordination</b>	May Affect, Not Likely to Adversely Affect
<b>Endangered Species - Coordination Date</b>	02/06/2023



Environmental Document Level: C2

PID 112999 LAK SR 084 30.86 Replace

Approved: 3/8/2023

**Endangered Species - Critical Habitat Present/Impacted**

Indiana bat

Northern long-eared bat

**Endangered Species - Other Critical Habitat Present/Impacted:** No

**100-Year Floodplain:** Encroachment Within the SFHA is a Functionally Dependent Use

**EO 11988/NFIP Coordination and Documentation Completed:** Yes

**NFIP Local Floodplain Coordinator Notification Date:** 01/27/2023

**Section 4(f):** Not present

**Section 6(f):** Not present

**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** 12/14/2022

Since no Tribe was interested in this project based on their customized preferences, no further Tribal consultation was conducted.

Projects that meet C2 criteria are not anticipated to have impacts to the following environmental resources. If resources are present, documentation is only required if there is a potential for impacts.

**Air Quality:** Studies Not Required

**Air Quality - Coordination with OES:** No

**Noise:** Studies Not Required

**Noise Coordination - OES Approval Date:** 02/03/2023

**Hazardous Materials - ESA Screening Conducted** Yes

**Hazardous Materials - OES Approval Date:** 02/02/2023

**Phase I ESA Warranted Based on Coordination with OES:** No Further Studies Warranted

**Farmland:** Non-Urbanized Area; No Impacts in Accordance With the Farmland MOU, 7 CFR 658, and ORC 929.05

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

Projects that meet C2 criteria must be in accordance with ODOT's UP Guidance and activities conducted for Public Involvement are commensurate to the project's type and scope of work.



**Underserved Populations**

Present; No UPIAR Required, Does Not Exceed UP Guidance Criteria, and No Issues Raised During Public Involvement

**Identified Underserved Populations**

Census Block Group #	% Minority	% Low Income	% Older Adults	% Limited English Proficiency (LEP)
390852059001	6	17	24	0

**Underserved Populations Remarks**

According to the ODOT's TIMS, the EJ population percentages are low in the project area. The Minority population is 6 percent. The Low Income population is 17 percent. The older adult population is 24 percent and the Limited English Proficiency (LEP) is 0 percent population.

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations or disparate impacts to an Environmental Justice population based upon the table above, the attached mapping, and the answers to the questions above. 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, FHWA Order 6640.23A, no further analysis is required.

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

The Census mapping may be found in the project file under Underserved Populations.

**Public Involvement:**

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

**Environmental Commitments**

Yes



## Environmental Commitments

### C2

1) Ensure impacts to the federally listed and protected Indiana bat and northern long-eared bat and the State listed and protected little brown bat and tricolored bat are avoided and minimized. Do not remove trees from April 1 through September 30. Perform all necessary tree removal from October 1 through March 31. Demarcate clearing limits in the field to avoid any unauthorized tree clearing. 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.

2) ODOT will obtain all appropriate waterway permits prior to any work within the jurisdictional boundary of any waterway, including wetlands, and all Waterway Permit Special Provisions will be noted under Special Provisions in the plans and adhered to during construction.

### 3) ASBESTOS NOTIFICATION

A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST SURVEYED THE BRIDGE STRUCTURE SCHEDULED FOR DEMOLITION AND/OR 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 COMPLETED 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 CONTRACTOR'S 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 BLVD., GARFIELD HEIGHTS, OH 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, AS PER PLAN.

4) Floodplain coordination will be obtained prior to filling the project.



Environmental Document Level: C2  
PID 112999 LAK SR 084 30.86 Replace  
Approved: 3/8/2023

### Preparers and Approvals

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

**Supporting Form Preparer(s):** Greg Bowman  
Libby Rushley

### Approvals & Electronic Signatures

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Mark Carpenter (TRANS ENGR 3)	3/8/2023



## Appendix

### General

Aerial Map.pdf

USGS Quadrangle Topographical Map.pdf

### ESA

Project Related OES Decision - Asbestos.pdf

### Cultural Resources

Minimal Potential to Cause Effect - Appendix B

### Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

### Other Resources

Urbanized Area Map.pdf

Water Source Protection Area Map.pdf

Well Log Data.pdf

### Underserved Populations

Census Mapping.pdf

### Public Involvement

Property Owner Notification Letter.pdf

Public Notification Mailing List.pdf

### Permits

FEMA FIRM.pdf