



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

LAK SR 306 04.33 Replace PID 89230

Environmental Document Level: C2

Approved: 12/9/2021

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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

PID: 89230
Project Sponsor: ODOT SPONSORING AGENCY
ODOT District: 12
Funding Source: Federal
Private Funding: No

Project Description:

Replace the superstructure of the Kirtland Road (SR-306) bridge over the East Branch of the Chagrin River located south of IR-90 and just north of Chillicothe Rd (SR-615) in the City of Kirtland. Repairs will be made under a maintenance contract, PID 95309. Asbestos was completed on 2/18/21 and asbestos note is required.

Funding:

Preliminary engineering: 100% state

Construction: \$2,942,500.00 80% federal and 20% state

Permanent and temporary right-of-way will be required from 4 parcels.

Relocation of some utilities will be required for this project.

Approximately 0.05 acre of suitable wooded habitat for the federally listed Indiana bat and northern long-eared bat, and state protected tricolored bat and little brown bat will be impacted by this project. This impact May Affect Not Likely to Adversely Affect these species. A plan note will be included restricting tree clearing to October 1 through March 31. The East Branch of the Chagrin River will have 121 linear feet of impact due to the bridge replacement and will require USACE permit. All files related to ecological resources can be found in the project file under Ecological.

No Section 4(f) properties are located within or adjacent to the project.

The project is located within a regulated floodplain. Coordination with local floodplain coordinator was completed in 11/23/21. No plan notes are required for Floodplain.

Review of the LWCF Grant Listing for Lake County did not identify any Section 6(f) sites in the project area. See project file.

No other environmental, hazardous materials, cultural resources, or underserved population impacts will result from this project.

Letters were sent to adjacent property owners on October 22, 2020 and December 8, 2021 to provide project information and an opportunity to comment on the project. No comments were received. No revisions or additions to project have been made based on public input. ODOT has decided to proceed with the project as currently designed. Public Involvement will continue through construction.

The environmental document and associated studies are being approved using Stage 1 Design. A copy of the plans is included in the project file.

STIP Reference #: 89230: 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.

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?	No
Endangered Species:	Present; No finding of May Affect, Likely to Adversely Affect
Endangered Species - Coordination	May Affect, Not Likely to Adversely Affect
Endangered Species - Coordination Date	11/12/2021
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:	11/23/2021



Section 4(f): Not present

Section 6(f): Not present

Cultural Resources: Not Present

Cultural Resources Coordination - ODOT Approval/SHPO
Concurrence Date 11/23/2021

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: 12/07/2021

Hazardous Materials - ESA Screening Conducted Yes

Hazardous Materials - OES Approval Date: 12/07/2021

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

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

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)
203700	4	30	29	3

Underserved Populations Remarks

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations or disparate impacts to a Title VI population. No concerns related to impacts on these Underserved Populations were raised as a result of public involvement activities conducted as part of the proposed project. Therefore, in accordance with the protections of the Age Rehabilitation Act of 1973, Discrimination Act of 1975, Americans with Disabilities Act of 1990, and Executive Order 13166, no further analysis is required.



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Public Involvement:

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

Environmental Commitments

Yes



Environmental Commitments

C2

- 1) Asbestos note shall be included in the project plans prior to filing the project.
- 2) Plan Note required for the black-crowned night-heron to avoid the removal small trees, saplings, shrubs between nesting dates from May 1st to July 31st.
- 3) The Indiana and Northern Long-Eared Bat plan note must be included in the project plan prior to filing the project.
- 4) ODNR Scenic River commitments into the project plans prior to filing the project.
- 5) Waterway permit must be obtained prior to filing the project with Central Office.
- 6) ODNR Comment: Rip-rap used should be kept to the minimum amount needed to prevent scour and shall consist of clean rock only (free of any toxic or fine material). All fill material used as rip rap, work platforms or cofferdams shall be a minimum of three inches in diameter and be pre-washed to remove fine particulate matter (clay, silt, sand and soil). Work platforms should be kept to the absolute minimum size needed to facilitate in-stream work.
- 7) ODNR Comment: The excavation around the piers for additional protection should be done in a dry work condition in order to prevent siltation impacts. In-stream work should be conducted through the use of water diversions not requiring the placement of earthen fill (sheet piling, membrane dams, Aqua-barriers, etc.) wherever possible. Any fill should be completely removed from the streambed immediately upon completion of in-stream work.
- 8) ODNR Comment: If dewatering is necessary to facilitate in-stream work or abutment construction, all wastewater should be pumped onto a vegetated area a sufficient distance from the East Branch of the Chagrin State Scenic River to allow for complete infiltration. No wastewater of any kind should be discharged directly into the East Branch of the Chagrin State Scenic River or any other drainage ways, ditches or streams. If discharge to a vegetated area is not feasible, then wastewater shall be discharged into a sediment filter bag or into a temporary detention/retention pond with sufficient retention time to permit for the settling of all suspended solids.
- 9) ODNR Comment: If sand or water blasting any portion of the bridge is necessary, then appropriate aprons should be utilized to provide for complete containment of all paint debris particles and other debris. Appropriate aprons should be utilized to provide for complete containment of all paint and/or sealant over-spray. Any such debris should be removed and disposed of in an approved manner.



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Preparers and Approvals

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Supporting Form Preparer(s): Thomas Sorge

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Mark Carpenter (TRANS ENGR 3)	12/9/2021



Appendix

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

Ecological

ODNR Comments

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Underserved Populations

Census Mapping.pdf

Public Involvement

Property Owner Notification Letter.pdf