



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

GEA Robinson Road Bridge Replace PID 117535

Environmental Document Level: C2

Approved: 12/14/2022

Prepared By: Brett AllerdingCurfman

Clune Consulting Services

Phone: 740-513-8927

E-mail: brett@cluneconsult.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.....	8
Preparers and Approvals.....	9
Appendix.....	10



Environmental Document Level: C2
PID 117535 GEA Robinson Road Bridge Replace
Approved: 12/14/2022

C2

PID:	117535
Project Sponsor:	GEAUGA COUNTY ENGINEER
ODOT District:	12
Funding Source:	Federal
Private Funding:	No
Project Description:	



Environmental Document Level: C2
PID 117535 GEA Robinson Road Bridge Replace

Approved: 12/14/2022

The Geauga County Engineer, in cooperation with ODOT, is proposing a bridge replacement project on Robinson Road (Township Road, TR 76) over Big Creek in Chardon Township, Geauga County, Ohio. Additional construction activities will include roadway approach work and minor roadway alignment. No right-of-way acquisition is expected in order to complete this work. Construction is estimated to begin in June 2023 and take three (3) months to complete.

The project is located in the northeastern portion of Chardon Township, roughly 2.5 miles north of the Village of Chardon, in Geauga County. In the project area, Robinson Road functions as a rural local road through rolling topography. The Robinson Road bridge traverses Big Creek approximately 300 feet southeast of the Robinson Road and Clark Road (TR 77) intersection. The existing structure (SFN 2831104) is a 45' long, 22' wide, single span steel beam structure built in 1974 and reconstructed in 2004. Based on recent inspection, the bridge was deemed structurally deficient.

The proposed work will replace the bridge, abutments, and an auxiliary culvert. The bridge will be replaced with a 65' long, 28' wide galvanized steel truss structure with a concrete deck on concrete abutments. Additional improvements include widening the roadway approach from 19' with 2' shoulder to 20' with 4' shoulder, adjusting the grade and alignment of the road to tie into the new bridge, installing new guardrail, and full depth pavement replacement.

Public Involvement: The following is a summary of public involvement activities that have occurred for the project. See the Project File in EnviroNet for additional information.

- September 27, 2022: Right-of-Entry letters were mailed to the property owners and adjacent residents within the project study area informing them about the project.
- November 2, 2022: An ODOT project card was created for the public that has general project information, mapping, and the Floodplain Statement of Findings.
- November 14, 2022: Project Notification letters were mailed to local emergency services, officials, and schools informing them about the project and providing maintenance of traffic information.
- November 14, 2022: A Press Release was issued on the Geauga County Engineer's website informing the general public about the project and providing maintenance of traffic information.

No public comments were received. No revision to project design were made due to public comments. Geauga County has decided to proceed with the project as currently designed.

Ecological: The Level 1 Ecological Survey Report, dated 11/30/22, has been coordinated with the following anticipated impacts. See the Ecological Tab in EnviroNet for additional information. Based on proposed construction limits, the following resources are expected to be impacted by the project:

- Big Creek: 68 linear feet
- UNT to Big Creek: 208 linear feet
- Suitable Wooded Habitat (SWH) for the federally listed Indiana bat and northern long-eared bat, and suitable habitat for the state listed tricolored bat and little brown bat: 0.08 acre
- Suitable habitat for the state listed riffle snaketail: Big Creek

Floodplain: Environmental personnel of the project consultant, Clune Consulting Services, reviewed the FEMA FIRM mapping for the project study area and determined the project is located within a regulatory flood hazard area, Zone A, associated with Big Creek. The Geauga County Engineer coordinated with the Local Floodplain Administrator regarding this proposed project and a floodplain permit was obtained on November 16, 2022. See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection.

No cultural resource, regulated materials, Section 4(f) or Section 6(f) resources were identified in the project limits. No impacts are anticipated.

An Asbestos Survey will be completed and incorporated into the project design.

Approval and Preparation of this document was conducted in accordance with the most current approved and adopted guidance per the Ohio Department of Transportation Office of Environmental Services. The environmental document and associated studies are being approved using the construction limits from Stage 1 Design.

STIP Reference #:

117535: 21-24 STIP/SLI Group
Project

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	12/14/2022
Endangered Species - Critical Habitat Present/Impacted	
Indiana bat	
Northern long-eared bat	



Environmental Document Level: C2
PID 117535 GEA Robinson Road Bridge Replace
Approved: 12/14/2022

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:	11/01/2022
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 A
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	09/29/2022
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:	11/30/2022
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	11/21/2022
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)
390553122021	4	8	19	0

Underserved Populations Remarks

The project will replace the bridge carrying Robinson Rd (TR 76) over Big Creek. No changes in access will occur other than a temporary detour route during construction.

A review of the ODOT Transportation Information Mapping System (TIMS) indicated Underserved Populations (UP) within the proposed project area. UPs identified included Minority, Low Income, and Older Adults. 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 or disparate impacts to a Title VI population based upon the table above, the attached mapping, and the answers to the questions above. No concerns related to impacts on Environmental Justice or Title VI 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 and Title VI of the Civil Rights Act of 1964, no further analysis is required.

The proposed project will have no substantial impacts to Limited English Proficiency, and Individuals with Disabilities Populations based upon the table above, the attached mapping, and the answers to the questions above. 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.

Census mapping is saved in the Project File/Underserved Populations/Project Information

Public Involvement:

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

Environmental Commitments

Yes



Environmental Commitments

C2

- 1) 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.
- 2) The Geauga County Engineer will obtain all necessary waterway permits prior to project construction. The contractor is not authorized to place any fill or work within any waterway below the ordinary high water mark elevation during construction until the permit(s) are obtained for the project.
- 3) Asbestos Survey needs to be complete before sale date on 3/1/2023. Asbestos plan notes will be incorporated into project plans.
- 4) 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.
- 5) 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.



Environmental Document Level: C2
PID 117535 GEA Robinson Road Bridge Replace
Approved: 12/14/2022

Preparers and Approvals

Form Preparer:

Brett AllerdinCurfman
Clune Consulting Services
740-513-8927
brett@cluneconsult.com

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Mark Carpenter (TRANS ENGR 3)	12/14/2022



Appendix

General

Aerial Map.pdf

County Map.pdf

Project Location Map.pdf

USGS Quadrangle Topographical Map.pdf

Air

Flow Chart Determination - No Air Analysis Required.pdf

Noise

Flow Chart Determination - No Noise Analysis Required.pdf

Cultural Resources

Section 106 Scoping Request Form.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

Underserved Populations

Census Mapping.pdf

Public Involvement

ODOT Project Website with Floodplain Document.pdf

ODOT Project Website.pdf

Press Release.pdf

Project Notification Letter.pdf

Permits

Coordination with Local Floodplain Administrator.pdf

FEMA FIRM.pdf

Floodplain Development Permit.pdf

Statement of Findings.pdf