



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

STA TR 316 00.52 (Welty Rd SW) PID 117471

Environmental Document Level: C2

Approved: 12/13/2022

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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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PID:	117471
Project Sponsor:	STARK COUNTY ENGINEER
ODOT District:	4
Funding Source:	Federal
Private Funding:	No
Project Description:	



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The Stark County Engineer (SCE) proposes to remove the existing STA-TR-316 Bridge, Structure File Number 7634307 that carries Township Road (TR) 316/Welty Road over the Middle Fork of Sugar Creek (Sugar Creek) and replace it with a new bridge structure. The project is located in Sugar Creek Township, Stark County. The existing bridge is a 64.25-foot single-span steel truss bridge on concrete and stone abutments, built in 1956. The proposed bridge will be a new 80-foot single span composite precast prestressed concrete box beam bridge on integral reinforced concrete abutments. The proposed new bridge abutments will be installed behind the existing abutments to minimize impacts to Sugar Creek. The new structure will provide two 12-foot lanes with 2-foot shoulders. Additional improvements proposed by this project include drive approach reconstruction, approach roadway pavement resurfacing, pavement striping and signage replacement within the project construction limits.

Mapping that depicts the project location on United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Mapping is included in the Project File/General/Project Information subsection as *USGS Quadrangle Topographical Map.pdf*. Project construction is expected to take 4 months when Welty Road will be closed at the bridge and traffic re-routed via a designated detour route. Welty Road motorists will utilize U.S. Route 62 (Navarre Road), State Route 93 (Manchester Road), Wabash Avenue, 7th Street (Kings Highway), and Mt. Eaton Street. Access to adjacent properties will be maintained throughout construction. Detour routes shall be clearly signed and construction and closure information will be posted on each affected route prior to the start of construction. Substantial traffic disruptions are not expected during project construction.

All proposed construction activities will be conducted within the existing Welty Road right-of-way.

No above ground or subsurface utility relocations are necessary to construct the project. Coordination with the utility companies located in proximity of the project will continue during the project detailed design phase.

The existing Welty Road steel pony truss bridge will be removed and replaced. Cultural resources literature search concluded there are no inventoried buildings (OHI), no known archaeological sites (OAI), and no listed or eligible historic properties found in the project area or in the area of potential effects (APE). The existing bridge (SFN 7634307) is a Type 310N Warren Welded Steel (pony) Truss bridge built in 1956 and extensively rehabilitated in 1987. The structure is not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). Non-historic bridge replacements and general roadway improvements focused on the operational right-of-way are exempt from further cultural resource consideration by the 11/8/17 Cultural Resource PA (Agreement 19319), if the project is not within the boundaries of any historic property or National Register district. In accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, ODOT-OES determined the 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. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the Cultural Resources Tab.

A Regulated Materials Review (RMR) Screening form was completed for the project and no further RMR activities or special materials management are warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports subsection.

The project proposes to avoid impacts below the ordinary high water mark (OHWM) of Sugar Creek. Project construction will result in removal of approximately 0.21-acre of suitable wooded habitat (SWH) for the federally-listed Indiana bat and northern long-eared bat, and state-listed little brown bat and tricolored bat species. See the ecological documentation for the project in the Project File/Ecological/Reports subsection and the Ecological tab.

The project is located within a special flood hazard area (Zone A floodplain associated with Sugar Creek). The Project Designer shall ensure the project is designed to comply with all applicable Local, State, and Federal floodplain protection standards. See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection.

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

The SCE conducted various public involvement activities for the project, including issuing a press release with project information, mailing notification letters that included construction and detour information to adjacent property owners, and notification of local public officials, and emergency and public services. Moreover, project information was made available to the public by its posting on the Stark County Engineer's website. Public comments were requested with all public involvement activities. The SCE received one public comment regarding residential/farm drive access during project construction. See the public involvement documentation, including the received comment and response to comment, for the project in the Project File/Public Involvement/Project Information subsection.

The environmental document and associated studies, as applicable, were approved using the Stage 3 Design plans for the project. 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 2021 - 2024 Statewide Transportation Improvement Program (STIP).



STIP Reference #:

117471: 21-24 STIP/SLI Group
Project. Fiscal constraint is at SLI
Group level.

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	11/04/2022
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:	10/27/2022
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 B
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	08/05/2022
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:	
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	07/22/2022
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)
391517148013	1	41	11	0

Underserved Populations Remarks

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.

Underserved Populations - Census Data mapping is provided in the Project File/Underserved Populations/Project Information subsection as *Census Mapping.pdf*.

Public Involvement:

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

Environmental Commitments

Yes



Environmental Commitments

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- 1) The project designer shall incorporate a note into the plans prohibiting excavation and filling operations and/or placement of equipment or materials below the ordinary high water mark of Sugar Creek during project construction.
- 2) The project is located within a FEMA flood zone (Zone A floodplain associated with Sugar Creek). The Project Designer shall ensure the project is designed to comply with all applicable Local, State, and Federal floodplain protection standards.
- 3) 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 AND STATE ENDANGERED LITTLE BROWN BAT AND TRICOLORED BAT. NO TREES SHALL BE REMOVED TO CONSTRUCT THE 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): Brian Peck
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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	12/13/2022



Appendix

General

Aerial Mapping.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Buckeye Assets Mapping.pdf

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

Ecological

ODNR Concurrence - Mussel Relocation Complete.pdf

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Underserved Populations

Census Mapping.pdf

Public Involvement

Press Release-Public and EMS Services Notification List.pdf

Press Release-Public and Emergency Services Notification.pdf

Press Release.pdf

Property Owner Notification Letter Mailing List.pdf

Property Owner Notification Letter.pdf

Public Comments Received and Response Information.pdf

Right of Entry Notification Letter Mailing List.pdf

Right of Entry Notification Letter.pdf

SCEO Project Website Snap Shot.pdf

Permits

FEMA FIRM.pdf

SCEO Determination - Flood Plain Permit Required.pdf