



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU S Main Ave (Warren) PID 118731

Environmental Document Level: C2

Approved: 12/27/2024

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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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Project Information

PID: 118731
Project Sponsor: TRUMBULL COUNTY ENGINEER
ODOT District: 4
Funding Source: Federal

C2 Section

Project Description:

The Trumbull County Engineer's Office has proposed to to rehabilitate the existing bridge on South Main Avenue over the Mahoning River between Spring Street SW and Walnut Court SW in the City of Warren, Trumbull County, Ohio. The existing bridge was constructed in 1918 and is a 4-span, 320-foot-long, concrete arch bridge with concrete abutments and concrete open column piers. The project will remove, clean, and patch spalled and delaminated concrete under the arch. The project also includes replacement of pavement, sidewalk, and curbs, pavement markings, patching and sealing of concrete surfaces, replacement of light poles, and rehabilitation of waterline supports (in-kind).

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*. During project construction, South Main Avenue at the bridge site will be closed to vehicle and pedestrian traffic for a maximum of ninety (90) consecutive calendar days. The vehicle detour route will utilize First Street SW, Highland Avenue, South Avenue (Route 422), and South Main Avenue, a total distance of 1.6 miles. The pedestrian detour route will utilize First Street SW, Highland Avenue, W. Market Street, and South Main Avenue, a total distance of 1.8 miles. All construction and bridge closure/detour information will be posted along South Main Avenue, all intersecting side roads and on the Trumbull County Engineer webpage prior to the start of construction activities. Access to all adjacent properties within the construction limits will be maintained at all times during construction of the project. Substantial traffic disruptions are not expected during project construction. The project will be constructed within the existing roadway right-of-way.

The existing telecomm line, 10" waterline on the west side of the bridge, and 24" waterline on the east side of the bridge may be temporarily impacted by the rehabilitation. All utility impacts will occur within the existing roadway right-of-way. Coordination with the utility companies affected by the proposed construction activities was conducted for the project during its preliminary engineering phase and will continue during its detailed design phase. Utilities will not be permanently removed to construct the project.

The project proposes to temporarily impact approximately 90 linear feet of the Mahoning River by installing a temporary access causeway. A Mussel Reconnaissance Survey, completed in May 2024, identified mussels in the project area. A Mussel Survey and Relocation was completed by a State permitted malacologist beginning on September 19, 2024, ending on September 20, 2024. See the ecological documentation for the project in the Level 1 Ecological Survey Report in the Project File/Ecological/Reports subsection and the Ecological tab.

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 2 Design plans for the project. A copy of the Stage 2 Design plans for the project is included in the Project File/General/Project Information subsection as *Stage 2 Design.pdf*.

The estimated total project cost specified in Ellis is 22.5% greater than the total project cost specified in the ODOT State Fiscal Years 2024-2027 Statewide Transportation Improvement Program (STIP). Fiscal constraint is at the Statewide Line Item (SLI) Group level. An individual project utilizing a SLI does not require a STIP/TIP amendment.

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

Yes



Ellis STIP Details

Phase	Current STIP Reference
ENV	118731: 24-27 STIP
CO	118731: 24-27 STIP
DD	118731: 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



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Waterways Permit Type:

Permit Determination and/or Permit Application Approval Pending

Isolated Wetland Permit

No

Will any wetlands be impacted?

No

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	10/09/2024
Northern Long-eared Bat	<i>Myotis septentrionalis</i>	Endangered	10/09/2024
Tricolored Bat	<i>Perimyotis subflavus</i>	Proposed Endangered	10/09/2024

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	10/09/2024
Clubshell	<i>Pleurobema clava</i>	Endangered	10/09/2024
Eastern Massasauga	<i>Sistrurus catenatus</i>	Threatened	10/09/2024
Round Hickorynut	<i>Obovaria subrotunda</i>	Threatened	10/09/2024
Salamander Mussel	<i>Simpsonia ambigua</i>	Proposed Endangered	10/09/2024

Endangered Species Remarks:

The project proposes to remove approximately 0.17-acre of habitat for the federally endangered Indiana Bat (*Myotis sodalis*) and Northern Long-eared Bat (*Myotis septentrionalis*) and the federally-proposed endangered Tri-colored Bat (*Perimyotis subflavus*) as well as the state-listed Little Brown Bat (*Myotis lucifugus*). See the threatened and endangered species documentation for the project in the Level 1 Ecological Survey Report and agency coordination documentation provided in the Project File/Ecological/Reports and Coordination 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 wild and scenic rivers are not present within 1,000 feet of the project limits.

Floodplains

100-Year Floodplain:

Encroachment Within the SFHA is a Functionally Dependent Use

EO 11988 Compliance Met

Yes

NFIP Coordination and Documentation Completed

Yes

NFIP Local Floodplain Coordinator Notification Date:

12/16/2024

Floodplain Remarks



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A review of the FEMA FIRM mapping for the project study area determined the project is located within a special flood hazard area, Zone AE floodway associated with the Mahoning River. There will be no change to the permanent fill in the floodplain as a result of the project. The temporary impacts to the floodplain are associated with the temporary access causeway which will be completely removed when construction is complete. Floodplain coordination was initiated with Mr. Chris Taneyhill, City of Warren's Floodplain Administrator, on October 23, 2024. Follow-up emails were sent on November 5, 2024 and again on November 20, 2024. On December 16, 2024, Mr. Taneyhill concurred that there will be no development activities that would require a floodplain development permit from the City of Warren. See the floodplain documentation for the project in the Project File/Permits/Floodplains subsection.

Section 4(f)

Section 4(f):

Present; No Impacts and/or Access Restrictions

Section 4(f) Remarks

Based on information provided by Eddie Colbert, Director of Public and Safety Services, Gold Stewart Park is considered a Section 4(f) resource, however, the park is located outside the project limits. Further, the proposed project will not restrict pedestrian or vehicle access to the park and/or permanently incorporate land into the transportation facility or temporarily occupy land from Gold Stewart Park. Therefore, no impacts will occur to the Section 4(f) resource and no Section 4(f) coordination is required in accordance with 23 CFR 774 and the OES Section 4(f) Manual.

Moreover, boater access is discouraged within the Mahoning River below Perkins Park, located north of the project area, due to poor water quality conditions and unsafe dam portage. Minimal or no recreational boating opportunities are available, and no formal public access is available in proximity of the project. In accordance with the Recreational Boating Memorandum of Understanding (MOU), executed on August 2, 2022, recreational boating coordination is not required for the project. See ODNR Division of Parks and Watercraft Boater Access & Amenities Mapping information in the project File/Section 4(f)/Project Information subsection.

Section 6(f)

Section 6(f):

Not present

Cultural Resources

Cultural Resources:

Not Present

Cultural Resources Coordination - ODOT Approval/SHPO
Concurrence Date

12/03/2024

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. The 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 7839804) is a Type 111N Concrete Arch Deck structure built in 1918. TIMS mapping indicates the bridge is not historic and the structure was not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). The repair and replacement of non-historic bridges are activities which are exempt from further cultural resource consideration by the 6/29/23 Cultural Resource PA (Agreement 38503), if the project is not within the boundaries of any historic property or N. R. (National Register) district. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information and Coordination subsections and the Cultural Resources Tab.



Environmental Resources Considered

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

Regulated Materials

Air Remarks

Air quality studies or coordination are not required for this project. Project meets the requirements of 40CFR93.126 - Exempt Projects. See the Air Quality documentation for the project in the Project File/Air/Project Information subsection.

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: No

Hazardous Materials - OES Approval Date:

12/23/2024

Regulated Materials Review Remarks:

Based on the information in the Regulated Materials Review (RMR) 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/RMR/Reports and Coordination subsections.

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
391559206001	68	82
391559205001	49	69

Environmental Justice Remarks

A review of the ODOT Transportation Information Mapping System (TIMS) indicated Environmental Justice populations within the proposed project 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 and no concerns related to impacts on Environmental Justice were raised as a result of public/stakeholder 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. See Environmental Justice documentation for the project in the Project File/Environmental Justice/Project Information subsection and public involvement documentation for the project in the Project File/Public Involvement/Project Information subsection.

Public Involvement



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Public Involvement:

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

Public Involvement Remarks

The Trumbull County Engineer's Office (TCEO) conducted various public involvement activities for the project including a press release, website posting and notifications to property owners/business owners/stakeholders (public officials and emergency/public service providers). Comments were requested by all public involvement activities conducted for the project. The Warren Tribune Chronicle ran a print article and an online article about the project on October 15, 2024. Two (2) written comments were received from the Trumbull County Planning Commission's (TCPC) Environmental Coordinator, Andrew Cvetkovich, and the Trumbull County Emergency Management Agency's (EMA) Director, John Hickey, as a result of the public involvement activities performed for the project. TCEO responded to both comments via letter. See the public involvement documentation for the project in the Project File/Public Involvement/Project Information subsection.

Environmental Commitments

Environmental Commitments

Yes



Environmental Commitments

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

2) The project designer shall incorporate the following note into the plans: ENDANGERED SPECIES HABITAT - INDIANA BAT/NORTHERN LONG-EARED BAT/TRI-COLORED BAT: THE PROJECT SITE IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT, NORTHERN LONG-EARED BAT AND TRI-COLORED BAT. NO TREES SHALL BE REMOVED 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.

3) The project designer shall incorporate the following note into the plans: THE CONTRACTOR SHALL BE REQUIRED TO CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE WITH ODOT, TRUMBULL COUNTY ENGINEERS OFFICE AND THE CITY OF WARREN SAFETY SERVICES PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

4) In-water work restriction dates are applicable to this project. The Contractor shall not work below the ordinary high water mark of the Mahoning River, or install, modify, or remove any existing instream fills during the ODNR instream work restriction period of March 15-June 30.

5) The Contractor shall install and maintain adequate project warning signing along the Mahoning River both upstream and downstream of the project to protect the public. The project designer shall incorporate the following information into the plans:

MAHONING RIVER - PROJECT CONSTRUCTION WARNING SIGNAGE:

THE CONTRACTOR SHALL PLACE APPROPRIATE SIGNAGE/BUOYS/MARKERS UPSTREAM AND DOWNSTREAM OF THE PROJECT AREA TO ALERT PADDLERS/BOATERS OF CONSTRUCTION ACTIVITY AND FOR WAYFINDING PURPOSES. AT A MINIMUM, THE CONTRACTOR SHALL PROVIDE A 36-INCH X 48-INCH OR LARGER ORANGE FLAT SHEET SIGN, WITH MINIMUM 10-INCH LETTERS THAT READS AS FOLLOWS:

CAUTION RIVER CLOSED
BRIDGE CONSTRUCTION
AHEAD

ALL SIGN INFORMATION AND INSTALLATION LOCATIONS MUST BE APPROVED BY THE PROJECT ENGINEER IN ADVANCE OF INSTALLATION. SIGNAGE MUST BE INSTALLED PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

THE CONTRACTOR SHALL CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE (INCLUDING ACCESS RESTRICTIONS) WITH THE CITY OF WARREN DIRECTOR OF PUBLIC AND SAFETY SERVICES PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

EDDIE L. COLBERT
DIRECTOR OF PUBLIC AND SAFETY SERVICES
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Preparers and Approvals

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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Brian Peck (ENV SPEC 3)	12/27/2024



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Air

District Determination - No Air Analysis Required.pdf

RMR

District Review - Screening.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

Ecological

Coordination with ODNR - Mussel Survey.pdf

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Other Resources

Census Bureau Urbanized Area Map.pdf

Water Source Protection Area Map.pdf

Section 4(f)

District Determination - No 4(f).pdf

Environmental Justice

Census Mapping.pdf

Public Involvement

News Article - Warren Tribune Chronicle (Online) .pdf

News Article - Warren Tribune Chronicle (Print) .pdf

Press Release.pdf

Response to Stakeholder Comment - Tru Co Planning Commission.pdf

Response to Stakeholder Comments - Trumbull County EMA.pdf

Stakeholder - Property Owner Notification Letter.pdf



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Stakeholder - Property Owner Notification Mailing List.pdf

Stakeholder Comments - Tru Co Planning Commission.pdf

Stakeholder Comments - Trumbull County EMA.pdf

Trumbull County Engineer Website Posting.pdf

Permits

Coordination with Local Floodplain Administrator - No Permit.pdf

Coordination with Local Floodplain Administrator.pdf

FEMA FIRM.pdf