



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

STA Minerva Bridge PID 114032

Environmental Document Level: C2

Approved: 12/30/2024

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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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C2

Project Information

PID:	114032
Project Sponsor:	Stark County Park District
ODOT District:	4
Funding Source:	Federal

C2 Section

Project Description:



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The Stark County Park District (Stark Parks) proposes to replace an existing steel beam Minerva Municipal Park pedestrian bridge spanning Sandy Creek in the Village of Minerva, Stark County, Ohio. The existing bridge is a single span steel beam with reinforced concrete deck on concrete abutments behind vertical steel sheeting. The existing bridge is 64.5 feet long and 8 feet wide. The project proposes to remove the existing bridge and replace it with a new single span prefabricated pedestrian truss structure with reinforced concrete abutments on friction piles. Additional construction activities include associated approach trail work, grading and drainage improvements. The project is necessary to address bridge deficiencies. Stark Parks is the project sponsor, and construction will be administered by Stark Parks and the Ohio Department of Transportation (ODOT).

Mapping that depicts the project location is included in the Project File/General/Project Information subsection as *USGS Quadrangle Topographical Map.pdf*.

No vehicular detours are required to construct this project. During construction, the southernmost Minerva Municipal Park pedestrian bridge and a portion of Minerva Connector Trail will be closed for a period of time that is anticipated to last for no longer than 12 months. Park access will be maintained. The trail/bridge construction detour will utilize a pedestrian bridge on the north side of the park and an alternative sidewalk route along US Route 30 (Lincoln Highway) on the south end of the park to maintain trail traffic and park access throughout the construction duration. Access shall be maintained to all adjacent properties, businesses and intersecting side streets during project construction. Substantial traffic disruptions are not expected to construct the project.

All work will be completed within the Minerva Municipal Park under the existing partnership agreement between the Stark County Park District and the Village of Minerva. No new right-of-way is required for the project.

Coordination with utility companies in proximity of proposed construction activities was conducted for the project during its preliminary engineering phase and will continue throughout the project detailed design phase. Utilities will not be permanently removed to construct the project.

The project proposes to impact approximately 20 linear feet of Sandy Creek within the project construction limits. While wetlands were identified within the project study area, no wetlands are present within the proposed construction limits. The project will not result in impacts to wetlands. Freshwater mussels are present within project area and may be impacted by the project. Moreover, the project area is located within 1 mile of a record for the state-threatened slippershell mussel (*Alasmidonta viridis*). Relocation of mussels possibly present within Sandy Creek within the project construction limits will be performed prior to the start of instream construction activities in accordance with Ohio Department of Natural Resources (ODNR) Ohio Mussel Survey Protocol (April 2024). See ecological resource and threatened/endangered species information for the project in the Level 1 Ecological Survey Report and agency coordination documentation provided in the Ecological tab and the Project File/Ecological/Reports and Coordination subsections.

The project is within a source water protection area identified for the Minerva Village Public Water System (PWS) OH7603812. There is one record for an active water well in proximity of the project area. Project construction operations shall be performed in an environmentally responsible manner and the contractor shall provide adequate spill prevention control and countermeasures during construction to ensure no impacts occur to drinking water resources. Groundwater resource impacts are not expected. Drinking Water Source Protection mapping, well log data and project coordination documentation can be found in the Project File/Other Resources/Drinking Water subsection.

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 Final Construction Plans. A copy of the Final Construction Plans for the project is included in the Project File/General/Project Information subsection as *Final Construction Plans.pdf*.

The estimated total project cost specified in in the Final Plan estimate is lower than the total project cost specified in Ellis and 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
CO	114032: 24-27 STIP
CO	
DD	

The current cost estimate is in line with existing federal procedures for Ohio STIP Amendments and Administration Modifications:

Yes



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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
Waterways Permit Type:	Nationwide Permit
Waterways Permit Approval Date	12/17/2024
Isolated Wetland Permit	No
Will any wetlands be impacted?	No
Endangered Species:	Present; No finding of May Affect, Likely to Adversely Affect



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Endangered Species - Coordination

No Effect

Scenic Rivers

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

Scenic Rivers Remarks

There are no national or state-listed wild and scenic rivers within 1,000 feet of the project area. The project will not impact any scenic river.

Floodplains

100-Year Floodplain:

Encroachment Within the SFHA is a
Functionally Dependent Use

EO 11988 Compliance Met

No

NFIP Coordination and Documentation Completed

Yes

NFIP Local Floodplain Coordinator Notification Date:

04/12/2024

Floodplain Remarks

Proposed construction activities will be performed within a designated Special Flood Hazard Area (SFHA) flood plain. The project is located within the regulated Zone AE Regulated Floodway established for Sandy Creek. The project has been designed to comply with all applicable local, State, and Federal floodplain protection standards, coordination has been initiated with the floodplain administrator and is ongoing for the project. Appropriate floodplain permitting, or documentation of exemption, shall be obtained by the ODOT prior to the start of project construction. See the floodplains mapping and coordination documentation for the project in the Project File/Permits/Floodplains subsection.

Section 4(f)

Section 4(f):

Present; No Programmatic
Evaluation or Individual Evaluation
Required

Section 4(f) Determination:

Transportation Enhancement Exception - 774.13(g)

Section 4(f) Determination Date - 774.13(g)

07/17/2024

Section 4(f) Remarks



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Minerva Municipal Park and Minerva Connector Trail are recognized as Section 4(f) recreational properties within the vicinity of the proposed project and are afforded protections from adverse impacts. A Section 4(f)/6(f) Determination Request Form for Recreational Properties (DRF) was submitted to ODOT-OES Policy Staff on July 2, 2024. On July 17, 2024, ODOT-OES determined the proposed project can be processed as an exception to the requirement for Section 4(f) approval. In accordance with 23 CFR 774.13(g), the proposed project will preserve and/or enhance Minerva Municipal Park and the Minerva Connector Trail and will not adversely affect the protected recreational activities, features, or attributes. This determination was made based on the proposed scope of work and concurrence received from the Officials with Jurisdiction (OWJ) and Section 4(f) commitments are included in the Environmental Commitments section. See the Section 4(f) documentation and coordination for the project in the Project File/Section 4(f)/Coordination subsection.

Section 6(f)

Section 6(f): Not present

Cultural Resources

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 05/24/2024

Cultural Resources Remarks

A Cultural Resources Records Check was performed by district environmental staff using the SHPO GIS online database. No Cultural Resources listed on or determined eligible for listing on the National Register of Historic Places were identified within and/or immediately adjacent to the proposed project area. The existing city-owned bridge is a modern Type 302N Steel Multi-beam structure. The construction date is unknown. TIMS mapping indicates the bridge is not historic and the structure was not considered eligible for the National Register based on its modern type and on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). Therefore, 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 has determined that the proposed 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.

Environmental Resources Considered

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

Regulated Materials

Air Remarks

This project is an Exempt Project per 40-CFR 93.126 (Exempt Project/Safety: Widening narrow pavements or reconstructing bridges (no additional travel lanes)). No air quality analysis is required for the project.

Noise Remarks



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The project does not qualify as a Type I project for noise (i.e., not adding capacity, not moving through vehicular 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:

Yes - Screening

Regulated Materials Review Screening:

No Further Regulated Materials Review

Regulated Materials Review Screening - DEC/OES Approval Date:

06/05/2024

Regulated Materials Review Remarks:

Based on the information in the Regulated Materials Review (RMR) Screening 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/ESA/Reports subsection.

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
391517129002	8	24

Environmental Justice Remarks

A review of the ODOT Transportation Information Mapping System (TIMS) indicated there are 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. 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 and FHWA Order 6640.23A, no further analysis is required. Based on the above findings an Environmental Justice Analysis Report is not required. Census mapping is saved in the Project File/Environmental Justice/Project Information.

Public Involvement

Public Involvement:

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

Public Involvement Remarks



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Various public involvement activities were conducted for the project, including a news release, website posting, project maintenance of traffic/schedule information mailed/electronic mailed to local emergency and public services in the project location vicinity, and project notification letters mailed to abutting property owners. Project and maintenance of traffic information was provided, and comments were requested with all public involvement activities. No comments or questions were received as a result of the public involvement performed for the project. See 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 project is located within a FEMA flood zone and will be designed to comply with all applicable local, State, and Federal floodplain protection standards. Appropriate floodplain permitting, or documentation of exemption, shall be obtained by the Ohio Department of Transportation prior to the start of project construction.

2) The project is located within a groundwater protection area (Minerva Village PWS Source Water Protection Area OH7603812). The project designer shall incorporate the following note into the plans. Village of Minerva - Public Drinking Water Source Protection: All refueling operations shall be performed in an environmentally responsible manner. No fuel storage or long-term stockpiling of other potentially hazardous materials is permitted on site. The Contractor shall provide adequate spill prevention control and countermeasures during project construction. The Contractor shall immediately take steps to mitigate any event, such as a spill of fuels, oils, or chemicals, that could threaten to contaminate the drinking water supply. Any spill or event shall be reported immediately to the Village of Minerva Utilities Department by telephone at 330-868-7705 ext. 106 and Non-Emergency Dispatch: 330-868-4177. For Emergencies call 911.

Ohio EPA's spill hotline (800-282-9378) shall be used to report emergencies involving the release of any material that impacts public health or the environment, including chemicals, petroleum, manure, fires/explosions, or to make an emergency notification to Ohio EPA as required by law or by permit.

3) Measures to minimize harm to the Section 4(f)/6(f) resources have been established for the project and are project environmental commitments. The following measures shall be incorporated into the plans as plan notes and as environmental commitments: 1) access to Minerva Municipal Park shall be maintained at all times during construction activities and Minerva Connector Trail shall be maintained at all times during construction activities via an approved detour; 2) access to the existing steel beam Minerva Municipal Pedestrian Bridge over Sandy Creek will be restricted for a period of time that is anticipated to last no longer than 12 months and will not be for the duration of construction; 3) temporary construction fencing shall be installed along proposed construction limits prior to the start of construction; 4) appropriate signage shall be installed to alert users of Minerva Municipal Park and Minerva Connector Trail of construction activities, if in proximity to recreational facilities or features; and 5) the contractor shall be required to closely coordinate the construction schedule with Stark County Park District and the Village of Minerva prior to the start of construction activities.

4) Mussels are present within project area and may be impacted by the project. A relocation of the mussels shall be conducted prior to the start of instream construction activities in Sandy Creek in accordance with the most recent version of ODNR's Ohio Mussel Survey Protocol. The mussel survey must occur after May 1 and before October 1 either within the same season as the instream work or the season prior to the instream work and ODOT shall obtain approval from the Ohio Department of Natural Resources prior to the contractor performing any work below the OHWM of Sandy Creek.

5) In-water work restriction dates are applicable to this project at Sandy Creek. The project designer shall incorporate the following note into the plans.

IN-WATER WORK RESTRICTION DATES - SANDY CREEK: NO IN-STREAM WORK SHALL BE PERFORMED WITHIN SANDY CREEK FROM APRIL 15 THROUGH JUNE 30. IN-STREAM WORK IS DEFINED AS THE PLACEMENT AND/OR REMOVAL OF FILL MATERIALS (TEMPORARY OR PERMANENT) BELOW THE ORDINARY HIGH WATER OF THE CREEK. EXAMPLES OF "FILL" INCLUDE, BUT ARE NOT LIMITED TO: BRIDGE PIERS, ABUTMENTS, CULVERTS, ROCK CHANNEL PROTECTION, SCOUR PROTECTION, AND TEMPORARY ACCESS FILLS. FILLS PLACED WITHIN SANDY CREEK CAN CONTINUE TO BE WORKED FROM/DURING THE WORK RESTRICTION DATES, BUT CANNOT BE EXPANDED, REMOVED, OR OTHERWISE MODIFIED (BELOW ORDINARY HIGH WATER) UNTIL ONCE AGAIN OUTSIDE OF THE WORK RESTRICTION DATES.



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Preparers and Approvals

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Supporting Form Preparer(s): Brian Peck

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Brian Peck (ENV SPEC 3)	12/30/2024



Appendix

General

Aerial Map.pdf

Correspondence Related to Utility Coordination.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

RMR

OES Review - Screening.pdf

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

Other Resources

Census Bureau Urbanized Area Map.pdf

Coordination with Village of Minerva - August 2024.pdf

Coordination with Village of Minerva - December 2024.pdf

Water Source Protection Area Map.pdf

Well Log Data.pdf

Section 4(f)

Determination Request Form for Recreational Properties.pdf

OES Recreational 4(f) Determination.pdf

Project Related OES Guidance - Section 4(f).pdf

Environmental Justice

Census Mapping.pdf

Public Involvement

Local Public and Emergency Services Notification.pdf

Press Release.pdf



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Project Related Determination - No Public Comments Received.pdf

Project Specific Website Posting.pdf

Property Owner Notification Letter.pdf

Public Involvement Notification Mailing List.pdf

Permits

Coordination with Local Floodplain Administrator.pdf

FEMA FIRM.pdf