



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

STA Belden Ave NE (Canton) PID 118891

Environmental Document Level: C2

Approved: 9/26/2024

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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:	118891
Project Sponsor:	Canton, City of
ODOT District:	4
Funding Source:	Federal

C2 Section

Project Description:

The City of Canton, in coordination with the Ohio Department of Transportation (ODOT), is proposing the rehabilitation of the Belden Avenue bridge (SFN: 7660456) over the East Branch of Nimishillen Creek in the City of Canton, Stark County, Ohio. The existing bridge is a continuous reinforced concrete slab with a reinforced concrete substructure and was built in 1983. The bridge is 105 feet long and 36 feet wide. The proposed work includes patching the bridge deck slab, abutments, and piers. The project also includes replacing the existing guardrails and approach slabs, resurfacing of approach pavement, and new center/edge pavement marking applications within the project construction limits. The project is necessary to address bridge and roadway approach deficiencies.

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

A minimum of one lane of traffic in each direction will be maintained throughout construction, except for a period when the bridge will be closed, and traffic will be detoured. The full roadway closure at the existing Belden Avenue NE bridge is expected to last up to 180 consecutive days. The expected detour will reroute southbound traffic to Mahoning Road NE, to The O'Jays Parkway NE, to Ira Turpin Way NE and reverse for northbound traffic. Driveways near and within the construction area will be accessible and maintained throughout construction. Substantial traffic disruptions are not expected to construct the project.

Permanent and temporary right-of-way will be required to access the bridge for repairs. Approximately 0.114-acre of permanent right-of-way and 0.152-acre of temporary right-of-way will be required from one property owner to allow for access under the bridge. Total property takes and/or relocations will not be needed to construct the project. See right-of-way information in the Stage 3 Design Plans included in the Project File/General/Project Information subsection.

Utilities will not be relocated or permanently removed to construct the project. 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.

The project will not impact any environmentally sensitive resources within the project study area as detailed in the narrative below and the resource-specific subsections and tabs.

A Level 1 Ecological Survey Report was completed for the project. The project will result in approximately 80 linear feet of impacts to the East Branch Nimishillen Creek. No wetlands or other ecological resources are present within the project construction limits. See ecological resource information and documentation for the project in the Project File/Ecological/Reports and Coordination subsections and the Ecological Tab.

The estimated total project cost specified in Ellis matches the total project cost specified in the ODOT State Fiscal Years 2024-2027 STIP.

The environmental document and associated studies, as applicable, were approved using the Stage 3 Design Plans. A copy of the Stage 3 Design Plans for the project is included in the Project File/General/Project Information subsection.

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

Ellis STIP Details



Phase	Current STIP Reference
CO	118891: 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

Waterways Permit Type:

Permit Determination and/or Permit Application Approval Pending



Isolated Wetland Permit No

Will any wetlands be impacted? No

The identified Federally Listed Species for the project received an effect determination of No Effect.

Endangered Species Remarks:

The project will have no effect on Federally or state listed threatened and endangered species. See ecological resource information and documentation for the project 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

There are no National Wild and Scenic Rivers within 1000 Feet of the Proposed Project Area. No National or State Wild and Scenic Rivers coordination is required for the project.

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: 09/09/2024

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 A flood plain established for the East Branch Nimishillen Creek. The project was coordinated with the City of Canton Building Department - Flood Plain Administrator and found to be in compliance with applicable City of Canton flood plain development regulations. See City of Canton flood plain determination dated, September 9, 2024, in the Project File/Permits/Floodplains subsection as *Local Floodplain Administrator Approval.pdf*.

A flood plain permit is not required for this bridge maintenance project.

Section 4(f)

Section 4(f): Not present

Section 4(f) Remarks

A review of the Stark County Auditor's website and available mapping did not identify any recreational resources within the project study area. The proposed project will not restrict access to and/or permanently incorporate land into a transportation facility or temporarily occupy land from any Section 4(f) resources. No Section 4(f) coordination is required for the project in accordance with 23 CFR 774 and the ODOT-OES Section 4(f) Manual.

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** 02/05/2024

Cultural Resources Remarks

A Cultural Resources Records Check was performed 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 or in the project area of potential effects (APE). The existing bridge (SFN 7660456) is a Type 201N Concrete Continuous Slab structure built in 1980. This bridge is not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010).

In accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement executed on June 29, 2023 (Agreement No. 38503), ODOT 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. No further coordination is required in accordance with the Section 106 Programmatic Agreement. 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

The project is an exempt project per 40 CFR 93.126 [Exempt projects, Air Quality: Widening narrow pavements or reconstructing bridges (no additional travel lanes)]. The project will not impact air quality. Air quality studies or coordination are not required for this project.

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:** Yes - Screening

Regulated Materials Review Screening:

No Further Regulated Materials Review

Regulated Materials Review Screening - DEC/OES Approval Date: 08/09/2024

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
391517018003	44	63

Environmental Justice Remarks

A review of the ODOT Transportation Information Mapping System (TIMS) indicated there are Environmental Justice populations within the proposed project study 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 for the project.

Census mapping for the project study area is saved in the Project File/Environmental Justice/Project Information subsection.

Public Involvement

Public Involvement:

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

Public Involvement Remarks

A project notification letter, with detour mapping and public comment form, was mailed on behalf of the City of Canton to adjacent property owners, potential stakeholders, local public officials and local emergency and public services on March 21, 2024. A project specific webpage was also created by the City of Canton. Lastly, a press/news release was published to solicit public comments. Project 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

C2

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

2) In-water work restriction dates are applicable to this project. The project designer shall incorporate an instream work restriction note into the plans (e.g., IN-WATER WORK RESTRICTION DATES - E. BRANCH OF NIMISHILLEN CREEK: NO IN-STREAM WORK SHALL BE PERFORMED WITHIN THE E. BRANCH OF NIMISHILLEN 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 THE E. BRANCH OF NIMISHILLEN 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

Form Preparer: Cassandra Austin
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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Brian Peck (ENV SPEC 3)	9/26/2024



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

RMR

OES Review - Screening.pdf

Regulated Materials Review Form.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Records Check.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

Well Log Data.pdf

Environmental Justice

Census Mapping.pdf

Public Involvement

Canton Website Snapshot.pdf

No Public Comments Received Confirmation.pdf

Press Release.pdf

Property Owner Notification Letter.pdf

Public Notification and Stakeholder Mailing List.pdf

Permits

FEMA FIRM.pdf

Local Floodplain Administrator Approval.pdf