



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

STA 15th St SW (Canton) PID 113153

Environmental Document Level: C2

Approved: 7/19/2022

Prepared By: Libby Rushley

Lawhon AND Associates

E-mail: lrushley@lawhon-assoc.com

District Contact: Edward Deley

Phone: 330-786-4930

E-mail: Edward.Deley@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.....	10
Appendix.....	12



Environmental Document Level: C2

PID 113153 STA 15th St SW (Canton)

Approved: 7/19/2022

C2

PID:	113153
Project Sponsor:	Canton, City of
ODOT District:	4
Funding Source:	Federal
Private Funding:	No

Project Description:

The city of Canton proposes to replace the 15th Street SW bridge over the West Branch of Nimishillen Creek, Bridge No. STA-15SW-1350, in the city of Canton, Stark County. The project will replace the existing 68-foot 2-span continuous steel beam bridge, built in 1946, with reinforced concrete deck and modified concrete substructure. The proposed new structure will be a 69-foot single span galvanized rolled steel beam bridge with a composite concrete deck on new semi-integral abutments on steel H-piles. Additional improvements proposed by this project include approach pavement reconstruction, existing sidewalk replacement, approach roadway drainage improvements, existing bridge pier removal, bridge approach slab replacement, existing curb replacement, concrete surface sealing, new rock channel protection placement and new pavement marking applications.

Mapping that depicts the project location on the United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Map, aerial map and county map is included in the Project File/General/Project Information subsection.

The project will require closure of 15th Street SW for approximately 120 days. Traffic will be maintained via detour. Through traffic will be directed from 15th Street SW to Cleveland Avenue SW to 18th Street SW to Henry Street SW and back to 15th Street. Access to all commercial and residential properties will be maintained at all times during construction. Construction and roadway closure/detour information will be posted within the project construction limits prior to the start of project construction. Substantial traffic disruptions are not expected during project construction.

The project will acquire approximately 0.205 acre of temporary right-of-way from six parcels and 0.151 acre of permanent right-of-way from four parcels to access and construct the project. The project will not result in any structure takes or relocations. See the right-of-way plan information for the project in the Project File/General/Project Information subsection as *Right of Way Plan Sheets.pdf*.

Relocations of above and underground utilities will be necessary to construct the project. The utility relocations will occur within the existing/new permanent roadway rights-of-way. Utilities will not be permanently removed to construct the project. Coordination with the utility companies affected by the proposed construction activities began during the preliminary engineering phase and will continue during the detailed design phase.

The Section 106 Records Check/literature search did not identify any architectural resources (OHI) or archaeological sites (OAI), and no listed or eligible historic properties in the project area of potential effects (APE). The existing bridge (SFN 7661169) is a Type 402N continuous steel multi-beam structure built in 1946. 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 November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, ODOT-OES 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.

Based on the information in the Regulated Materials Review (RMR) Screening Form completed for the project and review of available Bureau of Underground Storage Tank Regulations (BUSTR) file information, further investigation was recommended for four (4) properties. A RMR Investigation was completed and subsurface soil samples were collected at each of the four properties. Based on presence of low-level contamination found at two properties, a regulated materials plan note shall be included in the project plans to address disposal of excess/waste soil material at two sites: RM-001 (parcel 239159) and RM-007 (parcels 281881, 281882, 281911, 283262 & 283263). Any excavated soil that cannot be reused at the afore mentioned properties should be wasted on the same property or disposed by the contractor in an appropriate landfill facility. See the RMR documentation and materials management recommendations for the project in the Project File/ESA section.



Environmental Document Level: C2

PID 113153 STA 15th St SW (Canton)

Approved: 7/19/2022

One stream (West Branch Nimishillen Creek) will have 130 linear feet of impacts due to construction of the new bridge. Approximately 0.088 acre of suitable wooded habitat (SWH) with roosting characteristics for the federally protected Indiana bat and northern long-eared bat, and state protected tricolored bat and little brown bat will be impacted/removed by the project resulting in a *may affect but not likely to adversely affect* determination for listed bat species. See the Ecological documentation and coordination for the project in the Project File/Ecological section.

Environmental personnel of Lawhon & Associates, Inc., the project environmental consultant, reviewed the FEMA FIRM for the project study area and determined the project is located within a special flood hazard area. Coordination with the local floodplain administrator was conducted for the project. The project will be designed to meet the requirements of the National Flood Insurance Program. See the floodplain 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.

Canton conducted various public involvement activities for the project, including a press release transmitted to local media outlets and the press release posted to the city website and city Facebook page. Project comments were requested with all public involvement activities. Written comments were not received as a result of the public involvement activities conducted for the project. See the public involvement documentation for the project in the Project File/Public Involvement/Project Information subsection.

The environmental document and associated studies, as applicable, were approved using Stage 1 Design plans for the project. A copy of the Stage 1 Design plans for the project are included in the Project File/General/Project Information subsection as *Stage 1 Design.pdf*.

The estimated total project cost specified in Ellis agrees with the total project cost specified in the ODOT State Fiscal Year 2021-2024 Statewide Transportation Improvement Program (STIP).

STIP Reference #:

113153: 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



Environmental Document Level: C2

PID 113153 STA 15th St SW (Canton)

Approved: 7/19/2022

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 05/26/2021

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: 08/13/2021

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 08/17/2021

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



Environmental Document Level: C2

PID 113153 STA 15th St SW (Canton)

Approved: 7/19/2022

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: 02/07/2022

Phase I ESA Warranted Based on Coordination with OES: Yes

Phase II ESA Warranted Based on Coordination with OES: Yes

Hazardous Materials - Coordination Results No Further Studies Warranted

Hazardous Materials - OES Approval Date - Phase I: 01/01/1900

Hazardous Materials - OES Approval Date - Phase II: 05/26/2022

Farmland: Urbanized Area; No Impacts in Accordance With the Farmland MOU and 7 CFR 658

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)
391517023001	50	82	8	0
301517025004	10	61	3	0

Underserved Populations Remarks

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.

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

Environmental Commitments Yes



Environmental Document Level: C2
PID 113153 STA 15th St SW (Canton)
Approved: 7/19/2022



Environmental Commitments

C2

1) The City of Canton must hire a State permitted malacologist to complete a mussel salvage and relocation in accordance with the most recent version of the Ohio Mussel Survey Protocol prior to the initiation of construction activities below the ordinary high water mark of West Branch Nimishillen Creek.

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. Submit the results of the mussel survey, salvage work, or both to the Ohio Department of Natural Resources. Obtain approval from the Ohio Department of Natural Resources prior to performing work below the ordinary high water mark (OHWM) of West Branch Nimishillen Creek.

2) The City of Canton shall obtain appropriate waterway permits prior to any work being performed below the ordinary high water mark of the West Branch of Nimishillen Creek, and all applicable waterway permits will be included in the plans and adhered to during project construction.

3) The Contractor may encounter Regulated Materials during excavation for construction activities on two sites: RM-001 parcel 239159 & RM-007 parcels 281881, 281882, 281911, 283262, & 283263. Any soil excavated for this project should be reused and/or wasted on the same property location/site.

The project designer shall incorporate plan notes requiring any excavated soil, which cannot be reused on site, be properly disposed of by the Contractor in an appropriate landfill facility.

4) In-water work restriction dates are applicable to this project. Unless a waiver has been obtained from ODNR and the USACE, the restrictions apply, and will be included in the Waterway Permit for the project. The project designer shall incorporate a plan note into the plans detailing in-water work restriction dates for the West Branch of Nimishillen Creek.

IN-WATER WORK RESTRICTION DATES

NO IN-STREAM WORK SHALL BE PERFORMED WITHIN THE WEST 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 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 WEST 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.

5) The project is located within a FEMA flood zone. The project designer shall design the project to comply with all applicable Local, State, and Federal floodplain protection standards, and, if required, obtain appropriate floodplain permitting prior to the start of project construction.



Environmental Document Level: C2

PID 113153 STA 15th St SW (Canton)

Approved: 7/19/2022

6) The project may result in removal of suitable wooded habitat for threatened and endangered bat species. The project designer shall incorporate 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. 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 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.



Environmental Document Level: C2

PID 113153 STA 15th St SW (Canton)

Approved: 7/19/2022

Preparers and Approvals

Form Preparer:

Libby Rushley
Lawhon AND Associates
1441 King Avenue, Columbus OH 43212
lrushley@lawhon-assoc.com

Supporting Form Preparer(s):

Brian Peck
Robert Shenal
Andrew Fluegemann

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	7/19/2022



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

ESA

OES Recommendations - Phase II.pdf

OES Recommendations - Screening.pdf

Regulated Materials Review Form.pdf

Cultural Resources

Buckeye Assets Mapping.pdf

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

Urbanized Area Map.pdf

Water Source Protection Area Map.pdf

Well Log Data.pdf

Underserved Populations

Census Mapping.pdf

Public Involvement

Canton Project Website Snap Shot.pdf

Facebook Post.pdf

Press Release Notification List.pdf

Press Release.pdf

Permits

Coordination with Local Floodplain Administrator.pdf



Environmental Document Level: C2

PID 113153 STA 15th St SW (Canton)

Approved: 7/19/2022

Correspondence with Local Floodplain Administrator.pdf

FEMA FIRM.pdf

Hydrologic and Hydraulic Calculations.pdf

Local Floodplain Permit Application.pdf

No Rise Certification - ODOT Form LD-50.pdf