



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **STA Spangler Street Bridge PID 104822**

**Environmental Document Level: C2**

**Approved: 8/22/2019**

**Prepared By: Libby Rushley**

Lawhon AND Associates

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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 June 6, 2018, and executed by FHWA and ODOT.*

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**C2**

**PID:** 104822  
**Project Sponsor:** STARK COUNTY ENGINEER  
**ODOT District:** 4  
**Funding Source:** Federal  
**Private Funding:** No

**Project Description:**

The Stark County Engineer (SCE) proposes to replace the existing structurally deficient Spangler Street bridge, Bridge No. PL-34-21, Structure File Number (SFN) 7630328, over the Middle Branch of Nimishillen Creek in the city of Canton, Stark County, Ohio. The existing bridge, built in 1954, is a 52-foot single-span continuous steel pony truss bridge with an asphalt filled corrugated steel deck supported by wall type abutments on spread footing foundations with turn back wingwalls. The existing deck is 34-feet wide with one 13-foot lane, one 11-foot lane and a 5-foot sidewalk on each side. Spangler Street is a city street with two 11-foot lanes and varied-width unpaved shoulders in the project study area. The proposed new bridge will be 67.02083-foot single span prestressed concrete composite box beams with a 38-foot wide reinforced concrete deck on semi-integral abutments supported on drilled shafts. The proposed bridge deck will comprise two 13-foot lanes, a 2-foot concrete median and a 10-foot sidewalk on the north side to accommodate the Middle Branch Trail on the bridge. Other proposed improvements include new 15-foot approach slabs, rock channel protection with geotextile fabric installation, concrete surface sealing, approach roadway construction, approximately 67 feet of Middle Branch Trail reconstruction, fence construction, underdrain/conduit installation, driveway apron reconstruction, twin steel tube bridge railing/ornamental railing installation, pavement marking application and new sign installation.

Mapping that depicts the project on United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Maps is included in Project File/General/Project Information subsection as USGS Quadrangle Topographic Map.pdf.

Construction will require closure of Spangler Street for approximately 180 consecutive days. A detour route will be provided along Maple Avenue, U. S. Route 62 and Harrisburg Avenue. Construction and detour information will be posted at least fourteen (14) days in advance of the bridge closure. Substantial traffic disruptions are not expected with the project.

A total of 0.133 acre of temporary right-of-way will be acquired from two (2) property owners and 0.108 acre of permanent right-of-way will be acquired from one (1) property owner to construct the project. See the right-of-way plans for the project on Sheet Numbers 40 - 45 of 45 of the Stage 3 Design.pdf in the Project File/General/Project Information subsection.

Overhead and underground utilities exist within the project study area. These utilities include electric, natural gas, sanitary sewer, storm sewer and telecommunication utilities. Existing utility poles with attached overhead electric service and telecommunications lines will not be impacted by the proposed construction activities. The existing sanitary sewer manholes will be reconstructed or adjusted to grade as part of this project. An existing natural gas line is in proximity to the project. However, it is not in conflict with the proposed improvements and will not be impacted during project construction. The existing utilities within the



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project study area will not be permanently removed to construct the project. Coordination with the existing utilities is ongoing for the project.

See continuation of the project description in the Project File/General/Project Information subsection as Project Description Continued.pdf.

**STIP Reference #** 2018stipID0258FDCO and is fiscally constrained.

**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 -  
a. Acquisition of more than a minor amount of right-of-way b. Residential or non-residential displacements c. A Coast Guard, Individual Section 404 and/or a Section 10 permit d. A Section 106 finding of Adverse Effect e. A Section 4(f) Programmatic or Individual Evaluation f. A finding of May Affect, Likely to Adversely Affect to Threatened and Endangered Species g. Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions h. Changes in access control 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) 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 k. No minor public or agency controversy on environmental grounds ( no opposition from any organized groups or agencies and no unresolved environmental coordination ) 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:** Nationwide Permit

**Waterways Permit Approval Date** 06/26/2019

**Isolated Wetland Permit** No

**Endangered Species:** No Impacts to Protected Species and Critical Habitat

**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:** 10/01/2018

**Section 4(f):** Present; No Programmatic Evaluation or Individual Evaluation Required

**Section 4(f) Determination:**



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Temporary No Use Exception - 774.13(d)

de minimis

<b>Section 4(f) Determination Date - 774.13(d)</b>	05/16/2019
<b>Section 4(f) Determination Date - de minimis</b>	05/16/2019
<b>Section 6(f):</b>	Present; No 6(f) Conversion Required
<b>Section 6(f) Determination:</b>	Temporary Non-Conforming Use
<b>Section 6(f) Determination Date:</b>	07/09/2019
<b>Cultural Resources:</b>	Present; No Finding of Adverse Effect
<b>Cultural Resources Coordination:</b>	Minimum Potential to Cause Effect Appendix B
<b>Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date</b>	07/18/2018

**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.

<b>Air Quality:</b>	Studies Not Required
<b>Air Quality - Coordination with OES:</b>	No
<b>Noise:</b>	Studies Not Required
<b>Noise Coordination - OES Approval Date:</b>	
<b>Hazardous Materials - ESA Screening Conducted</b>	Yes
<b>Hazardous Materials - OES Approval Date:</b>	04/11/2019
<b>Phase I ESA Warranted Based on Coordination with OES:</b>	Yes
<b>Phase II ESA Warranted Based on Coordination with OES:</b>	Yes
<b>Hazardous Materials - Coordination Results</b>	No Further Studies Warranted
<b>Hazardous Materials - OES Approval Date - Phase I:</b>	
<b>Hazardous Materials - OES Approval Date - Phase II:</b>	07/08/2019
<b>Farmland:</b>	Urbanized Area; No Impacts in Accordance With the Farmland MOU and 7 CFR 658
<b>Scenic Rivers</b>	No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area



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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**

Does Not Exceed UP Guidance  
Criteria; No UP Analysis Report  
Required and No UP Issues Raised  
During Public Involvement

**Public Involvement:**

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

**Environmental Commitments**

Yes



## **Environmental Commitments**

### **C2**

- 1) The Project Designer shall incorporate a plan note ensuring that safe access is maintained to Reifsnnyder Park and Robert E. Schreiber Park using alternative existing access points throughout project construction.
- 2) The Project Designer shall incorporate a plan note ensuring Contractor use (occupancy) of the temporary easement area required from Robert E. Schreiber Park is less than six months.
- 3) The Project Designer shall incorporate a plan note ensuring that the Contractor shall only restrict public access to Middle Branch Trail across the Spangler Street Bridge for the duration of construction to complete construction activities that could compromise public safety.
- 4) The Project Designer shall incorporate a plan note ensuring that, prior to the start of construction activities, the contractor protects the Reifsnnyder Park, Robert E. Schreiber Park, and Middle Branch Trail and the public by installing and maintaining temporary construction fencing along the known boundaries of Reifsnnyder Park, Robert E. Schreiber Park, and the Middle Branch Trail within the project construction limits.
- 5) The Project Designer shall incorporate a plan note ensuring that, prior to the start of construction activities, the Contractor installs signage approved by the Project Engineer to alert Reifsnnyder Park, Robert E. Schreiber Park, and Middle Branch Trail users of construction activities and access restrictions or closures, and to direct users to secondary existing park access points.
- 6) The Project Designer shall incorporate a plan note ensuring that the Contractor does not store or stage construction equipment or materials within the Reifsnnyder Park, Robert E. Schreiber Park, and Middle Branch Trail boundaries, outside of proposed construction limits.
- 7) The Project Designer shall incorporate a plan note ensuring that any land to be disturbed within the temporary easement/right-of-way is fully restored and returned to a condition which is at least as good as that which existed prior to the project.
- 8) The Project Designer shall incorporate a plan note ensuring that the Contractor closely coordinates the construction schedule with the City of Canton Parks and Recreation Department, Stark County Engineer's Office, Stark County Park District (Stark Parks) and the ODOT District 4 Project Engineer prior to the start of construction activities and that updated construction schedule information is provided throughout project construction.
- 9) The Project Designer shall incorporate a plan note requiring excess soil material excavated in proximity of CRS General Contracting LLC (Stark County Parcel No. 5219775) located in the southeast quadrant of the Spangler Street Bridge (Bridge No. PL-34-21) should be reused or wasted on the CRS General Contracting LLC property within the construction limits or properly disposed as solid waste in a licensed solid waste disposal facility.
- 10) In-water work restriction dates (April 15 to June 30) are applicable to this project. Unless a waiver has been obtained from ODNR and USACE, the Project Designer shall incorporate a plan note ensuring that the in-water work restrictions apply to the Middle Branch of Nimishillen Creek.
- 11) The project is located within a FEMA flood zone. The Project Designer shall ensure the project is designed to comply with all applicable Local, State, and Federal floodplain protection standards. Floodplain permitting was obtained for the project and shall be provided by the Stark County Engineer's Office to the successful bidder prior to the start of project construction.



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### **Preparers and Approvals**

**Form Preparer:**

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**Supporting Form Preparer(s):**

Brian Peck  
Thomas Powell

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	8/22/2019



## Appendix

### General

Aerial Map.pdf

### Ecological

Coordination with ODNR - Mussel Survey Report.pdf

Coordination with ODNR and USFWS.pdf

### General

County Map.pdf

### Cultural Resources

Minimal Potential to Cause Effects - A or B.pdf

### Ecological

ODNR Acceptance - Mussel Survey Report.pdf

ODNR Comments.pdf

ODOT Disposition of Agency Comments.pdf

### ESA

OES Recommendations - Phase II.pdf

OES Recommendations - Screening .pdf

### General

Project Description Continued.pdf

### ESA

Project Related OES Decision - ESA.pdf

### Cultural Resources

Records Check.pdf

### Other Resources

Urbanized Area Map.pdf

### General

USGS Quadrangle Topographical Map.pdf

### Other Resources

Water Source Protection Area Map.pdf

Well Mapping.pdf



**Ecological**

Wetland Finding.pdf

**Underserved Populations**

Census Mapping.pdf

**Permits**

FEMA FIRM.pdf

Local Floodplain Permit - Canton.pdf

Local Floodplain Permit - Stark County.pdf

**Section 6(f)**

National Park Service Approval-Temporary Non-Conforming Use.pdf

ODNR Approval - Temporary Non-Conforming Use.pdf

**Section 4(f)**

OES Recreational 4(f) Determination 2.pdf

OES Recreational 4(f) Determination.pdf

**Public Involvement**

Press Release.pdf

Proj Notification Emergency and Public Services Contact List.pdf

Project Notification Emergency and Public Services.pdf

Project Notification Fax Transmission.pdf

Project Public Notification Letter Mailing Addresses.pdf

Project Public Notification Letter.pdf

Public Comments Received.pdf

Response to Public Comments.pdf

SCEO Email - Closure of Public Comment Period.pdf

Streen Shot of SCEO Website Posting.pdf

**Underserved Populations**

Underserved Populations Documentation Form.pdf