



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

MAH Old Orchard Bridge PID 111316

Environmental Document Level: C2

Approved: 7/22/2020

Prepared By: Nick Derico

Mill Creek MetroParks

Phone: 330-702-3000

E-mail: nderico@millcreekmetroparks.org

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

Table of Contents

| | |
|--------------------------------|----|
| C2..... | 3 |
| Environmental Commitments..... | 7 |
| Preparers and Approvals..... | 8 |
| Appendix..... | 10 |



C2

| | |
|-------------------------|--------------------------|
| PID: | 111316 |
| Project Sponsor: | Mill Creek Park District |
| ODOT District: | 4 |
| Funding Source: | Federal |
| Private Funding: | No |

Project Description:

The Mill Creek Metropolitan Park District/Mill Creek MetroParks proposes to rehabilitate the Old Orchard Bridge/Structure File Number (SFN) 5059860 over an unnamed tributary to Mill Creek in Mill Creek Park and the city of Youngstown, Mahoning County. This existing bridge is located along Chestnut Hill Drive approximately 0.25 mile northwest of U. S. Route 62/Canfield Road. The original Old Orchard Bridge was built in 1895 and its superstructure was replaced in 1988. The existing bridge is a 49-foot single-span pre-stressed concrete box beam structure on reinforced concrete and original stone abutments. Raised concrete sidewalks and matching timber railings are located on each side of the approach roadway.

The bridge rehabilitation project proposes to resurface the asphalt concrete pavement over the bridge, perform linear grading adjacent to the approach roadway, approach slabs and bridge wingwalls, seal/waterproof the bridge deck, replace and/or extend the existing concrete curb, sidewalk and timber railings, remove and store the sandstone slabs on each corner of the bridge, clean/repair/re-point/seal/stain the existing stone masonry, including the stone abutments and wing walls, remove existing graffiti, apply anti-graffiti coating to the vertical concrete surfaces of the existing concrete abutment backwalls, clear/grub brush, stumps and roots within the construction limits and place wood chip mulch material over various locations at the bridge. These proposed rehabilitation activities will be conducted in conformance with the U. S. Secretary of the Interior's Standards and Guidelines for Historic Preservation, as appropriate.

During construction, the Old Orchard Bridge will be closed to all pedestrian, bicycle and motor vehicle traffic for a maximum of (45) consecutive calendar days. Vehicular traffic will be detoured along U. S. Route 62/Canfield Road, Bears Den Road and Cascade Road. Pedestrians and bicyclists may attempt to use Chestnut Hill Drive to/from the Old Orchard Bridge during or after the project work hours. Construction schedule, bridge closure and detour information will be posted near the Old Orchard Bridge and on the Mill Creek MetroParks website prior to the start of project construction. Access to the Chestnut Hill Pavilion and all other Mill Creek MetroParks facilities in proximity to the Old Orchard Bridge will be maintained at all times throughout project construction. Substantial traffic disruptions are not expected during project construction.

The project will be constructed within the existing street right-of-way.



Existing utilities within the project study area will not be impacted/relocated to construct the project.

The Old Orchard Bridge is located within Mill Creek Park Historic District, listed in the National Register of Historic Places (NRHP). The NRHP nomination (NRHP #05000178 section 7 page 30), lists the Old Orchard Bridge as a non-contributing structure within the park because the superstructure was built in 1988 on sandstone abutments from a bridge that was built in 1895. The existing stone abutments and wing walls shall be rehabilitated (cleaning, sealing, staining and tuckpointing) in conformance with the U. S. Secretary of the Interior's standards and guidelines for historic preservation. The timber railings and the concrete sidewalks on the bridge will be extended to better facilitate pedestrian traffic. Existing sandstone slabs at each of the four corners of the bridge will be removed to facilitate the extension of the railings and sidewalks and the stones will be retained by the park for use elsewhere. Based on the scope of the project and the nearby terrain, no archaeological investigations are warranted for the project.

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

STIP Reference #

111316: 21-24 STIP.

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:

Isolated Wetland Permit

No

Endangered Species:

No Impacts to Protected Species and Critical Habitat



Approved: 7/22/2020

| | |
|--|---|
| 100-Year Floodplain: | No Encroachment Within a Special Flood Hazard Area (SFHA) |
| Section 4(f): | Present; No Programmatic Evaluation or Individual Evaluation Required |
| Section 4(f) Determination: | |
| No Use | |
| Temporary No Use Exception - 774.13(d) | |
| Section 4(f) Determination Date - No Use | 06/11/2020 |
| Section 4(f) Determination Date - 774.13(d) | 05/29/2020 |
| Section 6(f): | Not present |
| Cultural Resources: | Present; No Finding of Adverse Effect |
| Cultural Resources Coordination: | No Adverse Effect |
| Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date | 05/26/2020 |
| Tribal Consultation Summary/Remarks: | |
| Based on the customized preferences configured by the tribe, the ODOT EnviroNet System notified the Delaware Tribe of Oklahoma about the project on 5/26/2020. No comment or objection was received from the Delaware Tribe of Oklahoma concerning this project within 30 days of the project notification date. | |
| 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 |
| Air Quality - Coordination with OES: | No |
| Noise: | Studies Not Required |
| Noise Coordination - OES Approval Date: | 07/15/2020 |
| Hazardous Materials - ESA Screening Conducted | Yes |
| Hazardous Materials - OES Approval Date: | 07/07/2020 |
| Phase I ESA Warranted Based on Coordination with OES: | No Further Studies Warranted |
| 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 |



Environmental Document Level: C2
PID 111316 MAH Old Orchard Bridge

Approved: 7/22/2020

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 the following note into the plans. STREAM AVOIDANCE: UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER THE STREAM IDENTIFIED IN THE PROJECT PLANS. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THIS STREAM.

2) The project designer shall incorporate the following note into the plans. TREE CUTTING RESTRICTIONS: UNDER NO CIRCUMSTANCES SHALL ANY TREES BE CUT/REMOVED PRIOR TO OR DURING PROJECT CONSTRUCTION.

3) The project designer shall incorporate the following note into the plans. MILL CREEK PARK: ACCESS TO ALL MILL CREEK PARK FACILITIES SHALL BE MAINTAINED AT ALL TIMES, EXCEPT FOR THE TIME NEEDED TO TEMPORARILY OCCUPY THE PROPERTY. THE DURATION OF THE TEMPORARY OCCUPANCY SHALL BE LESS THAN THE TIME NEEDED FOR CONSTRUCTION OF THE PROJECT. TEMPORARY CONSTRUCTION FENCING WILL BE INSTALLED ALONG THE PROPOSED CONSTRUCTION LIMITS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES TO PROTECT THE 4(F) PROPERTY AND THE PUBLIC. APPROPRIATE SIGNAGE WILL BE INSTALLED TO ALERT USERS OF MILL CREEK PARK OF CONSTRUCTION ACTIVITIES, TEMPORARY ACCESS RESTRICTIONS OR CLOSURES, AND DIRECT USERS TO SECONDARY ACCESS POINTS. THE CONTRACTOR SHALL BE REQUIRED TO CLOSELY COORDINATE THE CONSTRUCTION SCHEDULE WITH ODOT AND MILL CREEK METROPOLITAN PARK DISTRICT PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES.

4) The project designer shall incorporate the following note into the plans. PRESERVATION STANDARDS: THE EXISTING STONE ABUTMENT AND WING WALLS SHALL BE REHABILITATED IN CONFORMANCE WITH THE U. S. SECRETARY OF THE INTERIOR'S STANDARDS AND GUIDELINES FOR HISTORIC PRESERVATION INCLUDING, BUT NOT LIMITED TO, PRESERVATION BRIEFS 1) ASSESSING CLEANING AND WATER-REPELLENT TREATMENTS FOR HISTORIC MASONRY BUILDINGS; AND, 2) REPOINTING MORTAR JOINTS IN HISTORIC MASONRY BUILDINGS, ISSUED BY THE U.S. DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE, CULTURAL RESOURCES, TECHNICAL PRESERVATION SERVICES (<https://nps.gov/tps/how-to-preserve/briefs.htm>) AND A MEMORANDUM FROM THE OHIO HISTORIC PRESERVATION OFFICE REGARDING MORTAR ANALYSIS, DATED 7/23/01, AS APPROPRIATE.

5) The project designer shall incorporate the following note into the plans. SANDSTONE BLOCK REMOVED: SANDSTONE BLOCK TO BE REMOVED AS PER PLAN SHALL BE DELIVERED TO THE MILL CREEK METROPARKS SERVICE FACILITY AT 996 BEARS DEN ROAD FOR STORAGE AND FUTURE USE.



Environmental Document Level: C2
PID 111316 MAH Old Orchard Bridge

Approved: 7/22/2020

Preparers and Approvals

Form Preparer:

Nick Derico
Mill Creek MetroParks
7574 Columbiana Canfield Road, Canfield OH 44406
330-702-3000
nderico@millcreekmetroparks.org

Supporting Form Preparer(s):

Christine Surma
Sean Carpenter
Nick Derico

Approvals & Electronic Signatures

| | |
|---|-----------------------|
| Approved & Electronically Signed By: | Approval Date: |
| Edward Deley (PROGRAM ADMIN 3) | 7/22/2020 |



Appendix

Ecological

Ecological Review Form - Ecologically Exempt Project.pdf

General

Project Description Continued.pdf

Cultural Resources

SHPO Comments

Transmittal 1 - Effect Determination

Tribal Consultation

Other Resources

Urbanized Area Map.pdf

General

USGS Quadrangle Topographical Map.pdf

Underserved Populations

Census Mapping.pdf

Public Involvement

Emergency and Public Services Notification List.pdf

Emergency and Public Services Notification.pdf

Permits

FEMA FIRM.pdf

Public Involvement

Mill Creek Website Posting.pdf

News Article - Mahoning Matters.pdf

Section 4(f)

OES Cultural Resources 4(f) Determination.pdf

OES Recreational 4(f) Determination.pdf

Public Involvement

Press Release.pdf

Public Comments Received.pdf

Response to Public Comments.pdf



Environmental Document Level: C2
PID 111316 MAH Old Orchard Bridge
Approved: 7/22/2020

Underserved Populations

Underserved Populations Documentation Form.pdf