



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **MAH Mill Creek Sycamore Bridge PID 107210**

**Environmental Document Level: C2**

**Approved: 5/23/2019**

**Prepared By: Nick Derico**

Mill Creek MetroParks

Phone: 330-702-3000

E-mail: [nderico@millcreekmetroparks.org](mailto:nderico@millcreekmetroparks.org)

District Contact: Edward Deley

Phone: 330-786-4930

E-mail: [Edward.Deley@dot.ohio.gov](mailto: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 11, 2015, and executed by FHWA and ODOT.*

# Table of Contents

C2.....	3
Environmental Commitments.....	8
Preparers and Approvals.....	9
Appendix.....	11



## C2

<b>PID:</b>	107210
<b>Project Sponsor:</b>	Mill Creek Park District
<b>ODOT District:</b>	4
<b>Funding Source:</b>	Federal
<b>Private Funding:</b>	No

### **Project Description:**

The Mill Creek Park District/Mill Creek MetroParks proposes to rehabilitate the Dividing Sycamore Bridge located approximately 100 feet west of the Bears Den Drive/West Drive intersection within Mill Creek Park, city of Youngstown, Mahoning County. The Dividing Sycamore Bridge, originally built in 1913, carries Bears Den Drive over Bears Den Run, a tributary to Mill Creek. This bridge is a historic stone arch bridge and listed as a contributing bridge to the National Register of Historic Places (NRHP)-listed Mill Creek Park Historic District. It provides two-way traffic for vehicles, bicycles, and pedestrians in an east-west orientation over the stream. The bridge is a single-span reinforced concrete arch with filled stone masonry spandrel walls.

The proposed bridge rehabilitation project includes cleaning, repairing and re-pointing the existing stone masonry, including the north and south retaining walls, strengthening the south retaining wall by resetting the displaced sandstone block, repairing the stream bank erosion by installing natural stone-filled gabions, stone curb adjustments, resetting the railing associated with the spandrel walls, resurfacing the asphalt concrete pavement over the bridge and clearing of trees to facilitate the installation of the gabions and all other tasks incidental to completion of this project. These proposed rehabilitation activities will be conducted in conformance with the U.S. Secretary of the Interior's Standards and Guidelines for Historic Preservation.

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

During construction, the Dividing Sycamore Bridge and Bears Den Drive west of the Bears Den Drive/West Drive and the Bears Den Drive/West Cohasset Drive intersections will be closed to all traffic for approximately forty-five (45) days. A detour route using Cross Drive, Old Furnace Road and West Cohasset Drive will be provided for traffic. The construction, bridge closure and detour information will be posted near the Dividing Sycamore Bridge project site and on the Mill Creek MetroParks website prior to the start of construction. Access to Lower Bears Den Picnic Area, located adjacent to the project site, and all other MetroParks facilities will be maintained at all times throughout project construction. Substantial traffic disruptions are not expected during project construction.

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



Approved: 5/23/2019

On March 7, 2019, in accordance with Stipulation 4C of the Programmatic Agreement Among The Federal Highway Administration, The Advisory Council On Historic Preservation, The Ohio Historical Society, State Historic Preservation Office, And The State Of Ohio, Department of Transportation Regarding The Implementation Of The Federal-Aid Highway Program In Ohio (Agreement No. 19319) executed on November 8, 2017, and in compliance with 36 CFR Section 800.5(b), ODOT-OES determined the project will have no adverse effect to the National Register eligible Dividing Sycamore Bridge (SFN: 50XXXX4) and no comments have been received from the SHPO during the 15-day comment period. Therefore, in accordance with 23 CFR 774.13(a)(1) and (2), ODOT Office of Environmental Services (ODOT-OES) determined the proposed undertaking qualifies as an exception to the requirement for Section 4(f) approval. See ODOT-OES Cultural Resources Section 4(f) Determination e-mail correspondence, dated April 5, 2019, for the project in the Project File/Section 4(f)/Coordination subsection as OES Cultural Resources 4(f) Determination.pdf.

Based on review of the Section 4(f)/6(f) Determination Request Form for Recreational Properties (DRF) completed for the project and submitted to ODOT-OES, ODOT-OES determined the proposed project can be processed as an exception to the requirement for Section 4(f) approval. Therefore, in accordance with 23 CFR 774.13(d), the temporary occupancy of land and/or access will not constitute a use upon the protected recreational activities, features, or attributes associated with Mill Creek Park. The determination was made based on the proposed scope of work and concurrence received from the Official with Jurisdiction (OWJ) regarding the assessment of impacts that are included in the DRF. See the ODOT-OES Recreational Section 4(f) Temporary No Use Exception Determination, dated April 8, 2019, for the project in the Project File/Section 4(f)/Coordination subsection as OES Recreational 4(f) Determination.pdf.

Based on the information contained in the RMR Form completed for the project, further environmental site assessment or special materials management is not warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports subsection.

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

**STIP Reference #**

2018AM11ID0329FDCO 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



**Environmental Document Level: C2**  
PID 107210 MAH Mill Creek Sycamore Bridge

Approved: 5/23/2019

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.

<b>Waterways:</b>	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
<b>Waterways Permit Type:</b>	Nationwide Permit
<b>Waterways Permit Approval Date</b>	05/09/2019
<b>Isolated Wetland Permit</b>	No
<b>Endangered Species:</b>	Present; No finding of May Affect, Likely to Adversely Affect
<b>Endangered Species - Coordination</b>	May Affect, Not Likely to Adversely Affect
<b>Endangered Species - Coordination Date</b>	02/27/2019
<b>Endangered Species - Critical Habitat Present/Impacted</b>	
Indiana bat	
Northern long-eared bat	
<b>Endangered Species - Other Critical Habitat Present/Impacted:</b>	No
<b>100-Year Floodplain:</b>	Encroachment Within the SFHA is a Functionally Dependent Use
<b>EO 11988/NFIP Coordination and Documentation Completed:</b>	Yes
<b>NFIP Local Floodplain Coordinator Notification Date:</b>	11/07/2018
<b>Section 4(f):</b>	Present; No Programmatic Evaluation or Individual Evaluation Required
<b>Section 4(f) Determination:</b>	
Historic Site Exception - 774.13(a)	
Temporary No Use Exception - 774.13(d)	
<b>Section 4(f) Determination Date - 774.13(a)</b>	04/05/2019
<b>Section 4(f) Determination Date - 774.13(d)</b>	04/08/2019
<b>Section 6(f):</b>	Not present



**Environmental Document Level: C2**  
PID 107210 MAH Mill Creek Sycamore Bridge

Approved: 5/23/2019

**Cultural Resources:** Present; No Finding of Adverse Effect

**Cultural Resources Coordination:** No Adverse Effect

**Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date** 03/07/2019

**Tribal Consultation Summary/Remarks:**

The Miami Tribe of Oklahoma offered no objection to the project as it is not currently aware of existing documentation directly linking a specific Miami cultural or historic site to the project site. However, as this site is within the aboriginal homelands of the Miami Tribe, if any human remains or Native American cultural items falling under the Native American Graves Protection and Repatriation Act (NAGPRA) or archaeological evidence is discovered during any phase of this project, the Miami Tribe requests immediate consultation with the entity of jurisdiction for the location of discovery. See the Miami Tribe of Oklahoma correspondence, dated March 27, 2019, with its comments on the project in the Project File/Cultural Resources/Coordination subsection.

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:** 04/18/2019

**Hazardous Materials - ESA Screening Conducted** Yes

**Hazardous Materials - OES Approval Date:** 04/15/2019

**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

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 Document Level: C2**  
PID 107210 MAH Mill Creek Sycamore Bridge  
Approved: 5/23/2019



## Environmental Commitments

### C2

1) The project designer shall incorporate the 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 AT THIS LOCATION 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.

2) 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 THE USERS OF MILL CREEK PARK OF CONSTRUCTION ACTIVITIES, TEMPORARY ACCESS RESTRICTIONS OR CLOSURES, AND DIRECT USERS TO SECONDARY ACCESS POINTS. THE STAGING AND/OR STORAGE OF CONSTRUCTION EQUIPMENT OR MATERIALS SHALL NOT TAKE PLACE OUTSIDE THE PROPOSED CONSTRUCTION LIMITS THAT ARE WITHIN THE DEFINED BOUNDARIES OF THE 4(F) PROPERTY. 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.

3) The project designer shall incorporate the following note into the plans: PRESERVATION STANDARDS: THE EXISTING STONE SLOPE WALLS AND STONE ABUTMENT AND RETAINING 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.



**Environmental Document Level: C2**  
PID 107210 MAH Mill Creek Sycamore Bridge  
Approved: 5/23/2019

### **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

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	5/23/2019



## **Appendix**

### **Air**

Air Quality Mapping.pdf

### **Ecological**

Coordination with ODNR and USFWS.pdf

### **General**

County Map.pdf

### **Cultural Resources**

Historic Bridge Survey Report MAH Dividing Sycamore Bridge .pdf

### **Ecological**

ODOT Disposition of Agency Comments.pdf

### **General**

Project Description Continued.pdf

### **Cultural Resources**

SHPO Comments

### **Other Resources**

Site Specific Resource Mapping.pdf

### **Cultural Resources**

Transmittal 1 - Effect Determination

Tribal Comments.pdf

Tribal Consultation

### **Ecological**

USFWS Comments Consult Form MAH-Mill Cr Sycamore Br.pdf

### **General**

USGS Quadrangle Topographical Map 2.pdf

USGS Quadrangle Topographical Map.pdf

### **Other Resources**

Water Source Protection Area Map.pdf

### **Underserved Populations**

Census Mapping.pdf



**Environmental Document Level: C2**  
PID 107210 MAH Mill Creek Sycamore Bridge

Approved: 5/23/2019

**Permits**

Coordination with Local Floodplain Administrator.pdf

**Public Involvement**

Emergency and Public Service Notification List.pdf

Emergency and Public Services Notification.pdf

**Permits**

FEMA FIRM.pdf

**Public Involvement**

Mill Creek Website Posting.pdf

**Section 4(f)**

OES Cultural Resources 4(f) Determination.pdf

OES Recreational 4(f) Determination.pdf

**Public Involvement**

Press Release.pdf

**Underserved Populations**

Underserved Populations Documentation Form.pdf