



# OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 12  
5500 TRANSPORTATION BLVD. • GARFIELD HGTS., OH 44125 • 216-581-2100

## **Environmental Document**

for

## **CUY Hawthorn Pkwy Bridge Rehab PID 118696**

**Environmental Document Level: C2**

**Approved: 10/11/2023**

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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**

<b>PID:</b>	118696
<b>Project Sponsor:</b>	Cleveland Metroparks
<b>ODOT District:</b>	12
<b>Funding Source:</b>	Federal
<b>Project Description:</b>	



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Cleveland Metroparks proposes to rehabilitate the Hawthorn Parkway Bridge (SFN 1890891) over the Cleveland Commercial Railroad (OmniTRAX Railroad) in South Chagrin Reservation in the Cleveland Metroparks in Cuyahoga County. The project will include the removal and replacement of the entire structure of the bridge with necessary approach work.

The project will be constructed within the existing roadway right-of-way. The Hawthorn Parkway bridge is currently closed to traffic and will remain closed during construction. The detour route that will be utilized for construction will be the same route that is currently in place: Hawthorn Parkway to Aurora Road to Cannon Road to Hawthorn Parkway again. The bridge will remain closed until construction is completed. Utility impacts may occur.

Based on the information in the Regulated Materials Review (RMR) 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.

A certified Asbestos hazard evaluation specialist surveyed the bridge structure scheduled for demolition and/or rehabilitation. The survey determined that five (5) square feet of category II non-friable asbestos containing material exist on the bridge. ODOT OES reviewed the submitted asbestos survey, and decided on September 26, 2023, that by regulation, the amount and type of asbestos is not required to be abated prior to demolition. However, the contractor should be made aware of its existence by sharing the asbestos survey report with them. The Asbestos Survey report and Notification of Demolition and Renovation form must be submitted along with any fee required.

Approximately 0.899 acres of suitable wooded habitat (SWH) for bats were observed in the study area, 0.301 ac of which will be impacted. All SWH to be impacted in less than 100 feet from the edge of pavement. According to the USFWS, the project is not located within a known bat buffer. All anticipated tree removal to occur between October 1 and March 31 to protect bats during their summer roosting period. There is no suitable habitat for any other federally or state listed species within the project study area. See the ecological and threatened/endangered species documentation for the project in the Project File/Ecological/Reports subsection and the Ecological tab.

The project is not located with a regulated floodplain. Therefore, no coordination is required.

Cultural Resources was approved under Minimal Potential to Cause Effect - Appendix A on June 22, 2023. SHPO GIS database in accordance with Appendix A of the Section 106 PA executed November 8, 2017, amended July 11, 2019, the project will not impact historic properties or historic districts. This completes the Section 106 review and no further cultural resource investigations are warranted.

The project is located adjacent to the Bridle Trail and Loops of the South Chagrin Reservation. The Trail is recognized as Section 4(f) property. Based on coordination with Official with Jurisdiction and accordance with 23 CRF 774.13(d), ODOT-OES Policy determined on October 5, 2023, that the temporary occupancy of land and/or access will not constitute a use upon protected recreational activities, features, or attributes associated with the Bridle Trail and Loops of the South Chagrin Reservation. The Bridle Trail is also a recognized Section 6(f) property. ODOT-OES determined on October 5, 2023; the project can be processed as a Section 6(f) Maintenance Type Project in accordance with Section B (1) of the Section 6(f) Memorandum of Understanding executed July 11, 2018. See the Section 4(f) and 6(f) documentation and coordination in the Project File/Section 4(f) and Section 6(f).

No other environmental resources or Environmental Justice population impacts will result from this project.

Cleveland Metroparks conducted various public involvement activities for the project, including issuance of a news release and letters to the local stakeholders on August 1, 2023. The public comments period ended on September 1, 2023, and only one comment has been received from the City of Solon was informing Cleveland Metroparks that the suggested detour route will go through another City's project that will be in active construction at the same time the Metroparks project is under construction. Based on the City of Solon's comment, the detour route was altered to avoid Harper Road, the current detour route is Hawthorn Parkway to Aurora Road to Cannon Road to Hawthorn Parkway again. The Cleveland Metroparks has decided to proceed with the project as currently designed.

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



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

Yes

**Ellis STIP Details**

Phase	Current STIP Reference
CO	118696: 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:**

Not Present

**Will any wetlands be impacted?**

No



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<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>	08/11/2023
<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>Scenic Rivers</b>	No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area
<b>Scenic Rivers Remarks</b>	The project will not impact any Scenic Rivers.
<b>Floodplains</b>	
<b>100-Year Floodplain:</b>	No Encroachment Within a Special Flood Hazard Area (SFHA)
<b>Floodplain Remarks</b>	
The project is not located within the floodplain. Therefore, no further coordination is required.	
<b>Section 4(f)</b>	
<b>Section 4(f):</b>	Present; No Programmatic Evaluation or Individual Evaluation Required
<b>Section 4(f) Determination:</b>	
Temporary No Use Exception - 774.13(d)	
<b>Section 4(f) Determination Date - 774.13(d)</b>	10/05/2023
<b>Section 4(f) Remarks</b>	



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A Section 4(f)/6(f) Determination Request Form for Recreational Properties (DRF) was submitted to ODOT-OES Policy Staff on September 19, 2023 and re-submitted on September 28, 2023. Based upon review of the DRF it was determined the proposed project can be processed as an exception to the requirement for Section 4(f) approval. 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 the South Chagrin Reservation All Purpose Trail (also known as Bridle Trail and Loops)/Buckeye Trail. 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 Section 4(f) documentation and coordination in the Project File/Section 4(f).**

A Section 4(f)/6(f) Determination Request Form for Recreational Properties (DRF) was submitted to ODOT-OES Policy Staff on September 19, 2023 and resubmitted on September 28, 2023. Based upon review of the DRF it was determined that the proposed project can be processed as a Section 6(f) Maintenance Type Project in accordance with Section B(1) of the Section 6(f) Memorandum of Understanding executed July 11, 2018. Access to the Section 6(f) property, the South Chagrin Reservation All Purpose Trail (also known as Bridle Trail and Loops), will be closed temporarily for less than the full time for construction since the trail is part of the Hawthorn Parkway bridge and also needs to be replaced due to maintenance. Furthermore, the type of work is designed to enhance the property and will not change the use of land from recreational to transportation. **See the Section 6(f) documentation and coordination in the Project File/Section 6(f).**

### **Section 6(f)**

**Section 6(f):** Present; No 6(f) Conversion Required

**Section 6(f) Determination:** Maintenance

**Section 6(f) Determination Date:** 10/05/2023

### **Cultural Resources**

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

**Cultural Resources Coordination:** Minimum Potential to Cause Effect Appendix A

**Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date** 06/22/2023

### **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. The undertaking is a type which has minimal potential to cause effects to historic properties. No further coordination is required in accordance with the ORC 149.53 Appendix A. The Record Check can be found in the Project File Under Cultural Resources/Project Information.

### **Environmental Resources Considered**

**The following environmental resources are present and have been studied for potential impacts:**

Regulated Materials

### **Air Remarks**

The project will not impact air quality.



**Noise Remarks**

The project will not cause traffic noise impacts.

**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:**

06/13/2023

**Regulated Materials Review Remarks:**

Based on the information in the Regulated Materials Review (RMR) 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.

A certified Asbestos hazard evaluation specialist surveyed the bridge structure scheduled for demolition and/or rehabilitation. The survey determined that five (5) square feet of category II non-friable asbestos containing material exist on the bridge. ODOT OES reviewed the submitted asbestos survey, and decided on September 26, 2023, that by regulation, the amount and type of asbestos is not required to be abated prior to demolition. However, the contractor should be made aware of its existence by sharing the asbestos survey report with them. The Asbestos Survey report and Notification of Demolition and Renovation form must be submitted along with any fee required.

**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
390351841042	25	18

**Environmental Justice Remarks**

Based on mapping from TIMS, the minority populations are 25% for the US Census Block Groups located within the project area and 18% of the population is designated as low income. The proposed project will have no disproportionately high and adverse effects to minority or low-income populations based upon the table above, the attached mapping, and the answers to the questions above. No concerns related to impacts on Environmental Justice 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, no further analysis is required. Based on the above findings an Environmental Justice Analysis Report is not required. The Census mapping may be found in the project file under Environmental Justice.



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**Public Involvement**

**Public Involvement:**

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

**Public Involvement Remarks**

Cleveland Metroparks conducted various public involvement activities for the project, including issuance of a news release and letters to the local stakeholders on August 1, 2023. The public comments period ended on September 1, 2023, and only one comment has been received from the City of Solon. In their comment they were informing Cleveland Metroparks that the suggested detour route will come through another City's project that will be in active construction at the same time the Metroparks project is under construction. Based on the City of Solon's comment, the detour route was altered to avoid Harper Road, the current detour route is Hawthorn Parkway to Aurora Road to Cannon Road to Hawthorn Parkway again. The Cleveland Metroparks has decided to proceed with the project as currently designed.

**Environmental Commitments**

**Environmental Commitments**

Yes



## Environmental Commitments

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- 1) Access to the Bridle Trail and Loops of the South Chagrin Reservation will be restricted for less than the full time needed for construction activities.
- 2) Temporary construction fencing shall be installed along proposed construction limits prior to the start of construction activities to protect the section 4(f) property and the public.
- 3) Appropriate signage shall be installed to alert users of the South Chagrin Reservation of construction activities, and trail closure.
- 4) Cleveland Metroparks website and mobile application will be providing digital notification of the closure.
- 5) The contractor shall be required to closely coordinate the construction schedule with Cleveland Metroparks prior to the start of construction activities.
- 6) 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 FEDERALLY AND STATE LISTED BAT SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSE 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.
- 7) Tree Removal AMM 1: Modify all phases/aspects of the project (e.g., temporary work areas, alignments) to avoid tree removal in excess of what is required to implement the project safely.
- 8) Tree Removal AMM 3. Ensure tree removal is limited to that specified in project plans by clearly marking clearing limits. Ensure that contractors understand clearing limits and how they are marked in the field.



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9) The following plan note should be included in the plans:  
ASBESTOS NOTIFICATION

A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST SURVEYED THE BRIDGE STRUCTURES SCHEDULED FOR REHABILITATION; THE SURVEY DETERMINED THAT 5 SQUARE FEET OF ASBESTOS IS PRESENT ON THE BRIDGE STRUCTURES.

ODOT SHALL PROVIDE A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORMS, PARTIALLY COMPLETED AND SIGNED BY THE BRIDGE OWNER, TO THE SUCCESSFUL BIDDER. THE CONTRACTOR SHALL COMPLETE THE FORMS AND SUBMIT IT TO ONE OF THE ADDRESSES BELOW AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION.

ASBESTOS PROGRAM  
OHIO EPA, DAPC  
P.O. BOX 1049  
COLUMBUS, OH 43216-1049  
OR

ASBESTOS PROGRAM  
OHIO EPA, DAPC  
50 W. TOWN ST., SUITE 700  
COLUMBUS, OH 43215

THE CONTRACTOR SHALL PROVIDE A COPY OF THE COMPLETED FORMS TO THE ENGINEER AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION. THE FORM SHALL INCLUDE: 1) THE CONTRACTORS NAME AND ADDRESS, 2) THE SCHEDULED DATES FOR THE START AND COMPLETION OF THE BRIDGE REMOVAL AND 3) A DESCRIPTION OF THE PLANNED DEMOLITION WORK AND THE METHOD(S) TO BE USED. COPIES OF THE OEPA FORM AND BRIDGE INSPECTION REPORT ARE AVAILABLE FOR REVIEW AT THE ODOT DISTRICT 12 OFFICE, 5500 TRANSPORTATION BOULEVARD, GARFIELD HEIGHTS, OHIO 44125.

BASIS FOR PAYMENT - THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND MATERIAL NECESSARY TO COMPLETE AND SUBMIT THE OEPA NOTIFICATION FORMS. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN.



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### **Preparers and Approvals**

**Form Preparer:** Sumia Mohamed  
Lawhon AND Associates Inc.  
smohamed@lawhon-assoc.com

**Supporting Form Preparer(s):** Susan Daniels

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Mark Carpenter (TRANS ENGR 3)	10/11/2023



## Appendix

### General

Aerial Map.pdf  
Correspondence Related to Utility Coordination - 8.pdf  
Correspondence Related to Utility Coordination-2.pdf  
Correspondence Related to Utility Coordination-3.pdf  
Correspondence Related to Utility Coordination-4.pdf  
Correspondence Related to Utility Coordination-5.pdf  
Correspondence Related to Utility Coordination-6.pdf  
Correspondence Related to Utility Coordination-7.pdf  
Correspondence Related to Utility Coordination.pdf  
County Map.pdf  
USGS Quadrangle Topographical Map.pdf

### ESA

Project Related OES Decision - Asbestos.pdf

### Cultural Resources

Section 106 Scoping Request Form.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

### Section 4(f)

Cleveland Metroparks OWJ Concurrence letter.pdf  
OES Recreational 4(f) Determination.pdf

### Section 6(f)

OES Approval - Maintenance.pdf

### Environmental Justice



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Census Mapping.pdf

**Public Involvement**

Press Release - 2.pdf

Press Release.pdf

Public Comments Received.pdf

Stakeholder Notification.pdf

**Permits**

FEMA FIRM.pdf