



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **CUY Greenhurst Drive Bridge Demo PID 119972**

**Environmental Document Level: C2**

**Approved: 4/17/2025**

**Prepared By: Beth Fulton**

Chagrin Valley Engineering, LTD

Phone: 216-346-1503

E-mail: [fulton@cvelimited.com](mailto:fulton@cvelimited.com)

District Contact: Corey Czinger

Phone:

E-mail: [Corey.Czinger@dot.ohio.gov](mailto:Corey.Czinger@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.....	9
Preparers and Approvals.....	10
Appendix.....	11



**Environmental Document Level: C2**  
PID 119972 CUY Greenhurst Drive Bridge Demo  
Approved: 4/17/2025

**C2**

**Project Information**

<b>PID:</b>	119972
<b>Project Sponsor:</b>	MAPLE HEIGHTS; CITY OF
<b>ODOT District:</b>	12
<b>Funding Source:</b>	Federal

**C2 Section**

**Project Description:**



**Environmental Document Level: C2**  
**PID 119972 CUY Greenhurst Drive Bridge Demo**

**Approved: 4/17/2025**

The City of Maple Heights proposes to demolish an existing bridge over Mill Creek that is deteriorated and not currently in use. The bridge superstructure will be removed as well as approach roadway pavement. A T-turnaround on Greenhurst Drive and a roundabout on McCracken Road will be constructed to facilitate access to residential parcels on both sides of the bridge for emergency services and school buses.

**Ecological.** The bridge superstructure crossing Mill Creek, will be removed, however no work below the Ordinary High-Water Mark (OHWM) is proposed. The existing abutments will remain in place. There are trees immediately adjacent to the bridge deck at the abutments, which will require removal to facilitate the demolition and four (4) trees and brush that must be removed to facilitate the construction of the cul-de-dac. Trees are not suitable wooded habitat (SWH).

Utilities consist of the City of Cleveland water line that spans the creek to the west of the structure (but not supported on the bridge) a NEORSD sanitary sewer (including a manhole) located within the project limits but will also not be disturbed. There is a line on the bridge, which will be relocated during construction. There is no thru traffic across the bridge currently and traffic is expected to be maintained to the parcels at each end of the project throughout construction.

Work will be necessary outside of existing operational ROW. Permanent ROW takes from City-owned property is expected to facilitate the roadway improvements.

**Cultural Resources.** The undertaking is limited to the removal of a concrete T-beam bridge carrying the local street over Mill Creek in the Garfield Heights and Maple Heights area of the Cleveland Metropolitan area. The construction area is 7.5 miles southeast of downtown Cleveland, Ohio. Bridge removal activities will be focused on the existing right-of-way. However, a turn-around and small roundabout will be installed to maintain traffic flow. This will require minor new right-of-way (0.129 ac. or 5600 square feet) from a landscaped area in slope exhibiting filling and an underground gas transmission line. The project will not involve any buildings, and no relocations will be required. The literature search concluded there are no inventoried buildings (OHI), no known archaeological sites (OAI), and no listed or eligible historic properties found in the project area or in the area of potential effects (APE). This existing bridge (SFN 1877003) is a Type 104N Concrete T-beam structure built in 1939. TIMS mapping indicates the bridge is not historic and the structure was not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). The removal of non-historic bridges requiring minor additional right-of-way is an activity which is exempt from further cultural resource consideration by the 6/29/23 Cultural Resource PA (Agreement 38503), if the project is not within the boundaries of any historic property or N. R. district. The Records Check can be found in the Project File Under Cultural Resources/Project Information. No comments during Tribal Consultation.

The project is located in a regulated floodplain, Zone AE, therefore coordination was required. Beth Fulton with Chagrin Valley Engineering sent out an email on 04/02/25 to Ed Hren, City of Maple Heights Engineer and Floodplain Coordinator, supplying Aerial Map, FEMA map, Letter of Notification of SFHA Exemption (LD-53), and Stage 1 Plans. Floodplain Coordination can be found in the Project File under Permits/Floodplain.

Regulated Materials Review Screening was created by Beth Fulton with Chagrin Valley Engineering. Based on findings, no further RMR or special material management is warranted. Corey Czinger, ODOT District 12 Environmental Specialist 3 approved Regulated Materials Review on 04/02/25.

The City of Maple Heights published a Press Release/Website Posting on their webpage on February 27, 2025 to solicit comments on this proposed project until March 30, 2025. Additionally, letters were sent to property owners on McCracken (west of Osborn Street) and Greenhurst Drive (north of Raymond Road) making them aware of the project and soliciting comments. Two residents asked questions/provided comments about the project during the comment period. Their questions/comments were provided a response/clarification. The project will proceed as scoped. Copies of the Press Release/Website Posting, Property Owner Notification Letter and Summary of Public Comments and Responses are located in the Project File/Public Involvement.

Construction: \$647,900.00: 80% federal and 20% local.

The project has been designed by Prime Engineering Inc.

The environmental documentation and associated studies are being approved using Stage 1 design. A copy of the plans is included in the project file.

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

**Yes**



## Ellis STIP Details

Phase	Current STIP Reference
ENV	119972: 24-27 STIP
CO	119972: 24-27 STIP
DD	119972: 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:

(26) Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (including parking, weaving, turning, and climbing lanes), if the action meets the constraints in paragraph I of this section. **Examples include: Joint or limited use of right-of-way where the proposed use would have minimal or no adverse social (including highway safety), economic or environmental impacts; Installation of new noise walls and other new noise mitigation projects; Construction of highway safety and truck escape ramps; Construction of bicycle lanes and pedestrian walkways, sidewalks, shared-use paths, or facilities and trailhead parking that do not otherwise qualify for a C1 designation; Beautification or facility improvement projects (i.e. landscaping, curb and gutter installation and replacement, ADA ramps/curb ramps, installation of park benches, decorative lighting, etc.); Construction of alternative energy facilities (fuel tank farms, wind turbines, etc.)**

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:** 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

**The identified Federally Listed Species for the project received an effect determination of No Effect.**

### Endangered Species Remarks:

The project is a superstructure removal over Mill Creek. There will be no work beneath the OHWM as the abutments will remain in place. As such, through coordination a Permit Determination will not be required for this project.

No impacts to Protected Species or Critical Habitat

**Scenic Rivers** No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area

### Scenic Rivers Remarks

No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area. No coordination is required.

## Floodplains

**100-Year Floodplain:** No Encroachment Within a Special Flood Hazard Area (SFHA)

### Floodplain Remarks

The project is located in a regulated floodplain, Zone AE, therefore coordination was required. Beth Fulton with Chagrin Valley Engineering sent out an email on 04/02/25 to Ed Hren, City of Maple Heights Engineer and Floodplain Coordinator, supplying Aerial Map, FEMA map, Letter of Notification of SFHA Exemption (LD-53), and Stage 1 Plans. Floodplain Coordination can be found in the Project File under Permits/Floodplain.

## Section 4(f)

**Section 4(f):** Not present

### Section 4(f) Remarks

No Section 4(f) resources are within 1000 feet of the proposed project limits. No coordination is required.

## Section 6(f)

**Section 6(f):** Not present



**Cultural Resources**

**Cultural Resources:** Not Present

**Cultural Resources Coordination - ODOT Approval/SHPO  
 Concurrence Date** 04/08/2025

**Cultural Resources Remarks**

The undertaking is limited to the removal of a concrete T-beam bridge carrying the local street over Mill Creek in the Garfield Heights and Maple Heights area of the Cleveland Metropolitan area. The construction area is 7.5 miles southeast of downtown Cleveland, Ohio. Bridge removal activities will be focused on the existing right-of-way. However, a turn-around and small roundabout will be installed to maintain traffic flow. This will require minor new right-of-way (0.129 ac. or 5600 square feet) from a landscaped area in slope exhibiting filling and an underground gas transmission line. The project will not involve any buildings, and no relocations will be required. The literature search concluded there are no inventoried buildings (OHI), no known archaeological sites (OAI), and no listed or eligible historic properties found in the project area or in the area of potential effects (APE). This existing bridge (SFN 1877003) is a Type 104N Concrete T-beam structure built in 1939. TIMS mapping indicates the bridge is not historic and the structure was not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). The removal of non-historic bridges requiring minor additional right-of-way is an activity which is exempt from further cultural resource consideration by the 6/29/23 Cultural Resource PA (Agreement 38503), if the project is not within the boundaries of any historic property or N. R. district. The Records Check can be found in the Project File Under Cultural Resources/Project Information.

**Tribal Consultation  
 Summary/Remarks:** No comments.

**Environmental Resources Considered**

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

Noise

Regulated Materials

**Air Remarks**

The project is a superstructure removal. The bridge is currently closed and removal will result in no change to the current traffic patterns as vehicles that approach the structure turn around with the only change that better accessibility to make that movement will be provided with a T turnaround on Greenhurst Drive and a cul-de-sac on McCracken Road.

Since there is no traffic impact, MSAT analysis it not recommended and has not been performed.

**Noise:** Studies Not Required

**Noise - Coordination with OES** No

**Noise Remarks**

The project is neither a Type I or Type II project, thus exempt from noise analysis.

**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:**

04/02/2025

**Regulated Materials Review Remarks:**

Regulated Materials Review Screening was created by Beth Fulton with Chagrin Valley Engineering. Based on findings, no further RMR or special material management is warranted. Corey Czinger, ODOT District 12 Environmental Specialist 3 approved Regulated Materials Review on 04/02/25.

**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
N/A	N/A	N/A

**Environmental Justice Remarks**

As of January 21, 2025, EO 12898 was revoked. Therefore, no discussion and/or analysis specific to Environmental Justice Populations (Minority & Low-Income) will be provided in the Environmental Analysis. Instead, any potential impacts will be addressed through the Public Involvement Process.

**Public Involvement**

**Public Involvement:**

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

**Public Involvement Remarks**

The City of Maple Heights published a Press Release/Website Posting on their webpage on February 27, 2025 to solicit comments on this proposed project until March 30, 2025. Additionally, letters were sent to property owners on McCracken (west of Osborn Street) and Greenhurst Drive (north of Raymond Road) making them aware of the project and soliciting comments. Two residents asked questions/provided comments about the project during the comment period. Their questions/comments were provided a response/clarification. The project will proceed as scoped. Copies of the Press Release/Website Posting, Property Owner Notification Letter and Summary of Public Comments and Responses are located in the Project File/Public Involvement.

**Environmental Commitments**

**Environmental Commitments**

Yes



## **Environmental Commitments**

### **C2**

- 1) Asbestos Survey needs to be complete before Plan File on 10/27/2025.
- 2) No suitable wooded habitat (SWH) tree removal.



**Environmental Document Level: C2**  
PID 119972 CUY Greenhurst Drive Bridge Demo  
Approved: 4/17/2025

### **Preparers and Approvals**

**Form Preparer:** Beth Fulton  
Chagrin Valley Engineering, LTD  
22999 Forbes Road, Suite B, Cleveland OH 44146-5667  
216-346-1503  
fulton@cvelimited.com

**Supporting Form Preparer(s):** Anthony DiRenzo  
Edward Hren

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Thomas Sorge (PROGRAM ADMIN 3)	4/17/2025



## **Appendix**

### **General**

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

### **Noise**

No Noise Analysis Required - District Determination .pdf

### **RMR**

RMR Screening Approval - District Determination.pdf

### **Cultural Resources**

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

### **Ecological**

ODNR Scenic River MOA Conditions

### **Public Involvement**

Correspondence with Stakeholders.pdf

Press Release.pdf

Response to Public Comments.pdf

### **Permits**

Correspondence with Local Floodplain Administrator.pdf

FEMA FIRM.pdf