



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **CUY Independence Blvd Bridge PID 111489**

**Environmental Document Level: C2**

**Approved: 9/1/2021**

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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**

**PID:** 111489  
**Project Sponsor:** Parma Heights, City of  
**ODOT District:** 12  
**Funding Source:** Federal  
**Private Funding:** No

**Project Description:**

The City of Parma Heights in cooperation with the Ohio Department of Transportation (ODOT) proposes to replace the Independence Boulevard Bridge over Brandywine Creek also known as Big Creek in the City, Cuyahoga County. The existing structure is a 28' wide, 44' long, single span prestressed concrete box beam with reinforced concrete substructure with 5-6' wide sidewalks. The replacement will be 28' wide, 62' long, single span prestressed concrete box beam with reinforced concrete substructure with 7' wide sidewalks on each side. Additional work includes replacing concrete curbs and underdrains, driveway aprons, ADA compliant ramps, and existing catch basins. The existing PVC sanitary sewer will be abandoned and replaced with a new 8' PVC sanitary sewer.

The project will require closure of Independence Blvd. for up to 90 days (June-August 2023). A detour will be provided.

The project will not require any permanent or temporary right-of-way. Other utility impacts in addition to the sewer are anticipated.

One stream will have approximately 63 linear feet of impact due to the bridge replacement and will require a USACE permit. No wetlands will be impacted.

Approximately 0.029 acres of suitable wooded habitat (SWH) without roosting characteristics for the federally protected Indiana bat and northern long-eared bat, and state protected tricolored bat and little brown bat will be impacted. All of the SWH impacted by the project are within 100' EOP. The project is located within a Gold USFWS Maternity Colony bat buffer zone. The project will have no affect on these species. There is no suitable habitat for any other federally or state listed species within the project area. The project is located within a regulated floodplain. Coordination was conducted with the local floodplain administrator on January 11 & February 1, 2021. The project will be designed to meet the requirements of the National Flood Insurance Program.

No other environmental, hazardous materials, cultural resources, Section 4(f)/6(f), or underserved population impacts will result from this project.

A letter was sent to adjacent property owners and stakeholders in the project area on February 26, 2021 to notify them of the opportunity to view project information and an opportunity to comment on the project. No comments were received. The City has determined to proceed with the project as designed in Stage 2 plans.

The environmental document and associated studies are being approved using Stage 2 design. A copy of the plans is included in the project file.

**STIP Reference #:** 111489: 21-24 STIP

**Select the appropriate project type:**



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(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.

<b>Waterways:</b>	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
<b>Waterways Permit Type:</b>	Permit Determination and/or Permit Application Approval Pending
<b>Isolated Wetland Permit</b>	No
<b>Will any wetlands be impacted?</b>	No
<b>Endangered Species:</b>	No Impacts to Protected Species and Critical Habitat
<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>	02/01/2021
<b>Section 4(f):</b>	Not present
<b>Section 6(f):</b>	Not present
<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 Concurrent Date</b>	03/23/2021

Since no Tribe was interested in this project based on their customized preferences, no further Tribal consultation was conducted.



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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>	08/31/2021
<b>Hazardous Materials - ESA Screening Conducted</b>	Yes
<b>Hazardous Materials - OES Approval Date:</b>	05/24/2021
<b>Phase I ESA Warranted Based on Coordination with OES:</b>	No Further Studies Warranted
<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
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.	
<b>Underserved Populations</b>	Does Not Exceed UP Guidance Criteria; No UP Analysis Report Required and No UP Issues Raised During Public Involvement
<b>Public Involvement:</b>	Minimum PI Requirements Met; No Minor Public or Agency Controversy on Environmental Grounds
<b>Environmental Commitments</b>	Yes



## **Environmental Commitments**

### **C2**

- 1) The City of Parma Heights will obtain the floodplain permit prior to plan file.
- 2) The City of Parma Heights will obtain all appropriate waterway permits prior to any work within the jurisdictional boundary of any waterway, including wetlands, and all applicable waterway permits will be included in the plans and adhered to during construction.
- 3) The asbestos abatement plan note required in the final plans.



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### **Preparers and Approvals**

**Form Preparer:** Jessica Stratigakos  
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**Supporting Form Preparer(s):** Libby Rushley

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Mark Carpenter (TRANS ENGR 3)	9/1/2021



## **Appendix**

### **General**

Aerial Map.pdf

County Map.pdf

STIP Listing.pdf

USGS Quadrangle Topographical Map.pdf

### **ESA**

District Approval of RMR Screening.pdf

### **Cultural Resources**

Minimal Potential to Cause Effect - Appendix B

### **Ecological**

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

### **Other Resources**

Urbanized Area Map.pdf

Water Source Protection Area Map.pdf

Well Log Data.pdf

### **Underserved Populations**

Census Mapping.pdf

Underserved Populations Documentation Form.pdf

### **Public Involvement**

Floodplain Statement of Findings Web Posting.pdf

Property Owner Notification Letter.pdf

Public Notification Mailing List.pdf

### **Permits**

FEMA FIRM.pdf