



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

CUY US 020 03.49 Replace PID 104269

Environmental Document Level: C2

Approved: 3/9/2021

Prepared By: Jessica Stratigakos

Lawhon & Associates, Inc

Phone: 440-838-0777

E-mail: jstratigakos@Lawhon-assoc.com

District Contact: Mark Carpenter

Phone: 216-584-2089

E-mail: Mark.Carpenter@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.....	6
Preparers and Approvals.....	7
Appendix.....	9



C2

PID:	104269
Project Sponsor:	ODOT SPONSORING AGENCY
ODOT District:	12
Funding Source:	Non-Federal
Does this project require a Federal permit or approval?	Yes
Private Funding:	No
Project Description:	

The Ohio Department of Transportation proposed to replace the stone arch bridge on Center Ridge Road (US-20) over Cahoon Creek located between Dover Center Rd and Westwood Drive in the City of Westlake, Cuyahoga County. Work includes replacing the stone arch and its extension with a 72' long, 18' span x 10' rise precast, reinforced concrete 4-sided box culvert with concrete apron, retaining wall, and wingwall; and full depth pavement replacement on structure and approaches.

Permanent right-of-way will be required on the north side of the new structure and temporary right-of-way will be required on the south & north sides. Utility impacts are anticipated.

The project will require closure of US 20 for the duration of construction, expected to last 90 days. Traffic will be maintained via detour.

One stream will have approximately 111 linear feet of impact due to the culvert replacement and will require USACE permit. No wetlands will be impacted. Approximately 0.037 acres of suitable wooded habitat for the federally protected Indiana bat and northern long-eared bat, and state protected tricolored bat and little brown bat all within 100' EOP will be impacted by the project. No impacts are anticipated to these species.

The project is located within a regulated floodplain. Coordination was conducted with the local floodplain administrator on February 1, 2021. The project will be designed to meet the requirements of the National Flood Insurance Program.

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

An asbestos inspection was conducted on September 2020 and no asbestos was found in the inspection. The appropriate notification form will be submitted to OEPA prior to work on the bridge. A plan note has been added.

Letters were sent to adjacent property owners on September 17, 2020 to provide project information and an opportunity to comment on the project. One written comment was received related to building a parking lot over culvert. ODOT responded that a parking lot is not allowed within the US 20 right-of-way.

Public Involvement Conclusion: The public comment received did not cause a change in the project design. Based on the public comments received ODOT has decided to proceed with the project as currently design. 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 #:

104269: 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:	Permit Determination and/or Permit Application Approval Pending
Isolated Wetland Permit	No
Endangered Species:	No Impacts to Protected Species and Critical Habitat
100-Year Floodplain:	Encroachment Within the SFHA is a Functionally Dependent Use
EO 11988/NFIP Coordination and Documentation Completed:	Yes
NFIP Local Floodplain Coordinator Notification Date:	02/01/2021
Section 4(f):	Not present
Section 6(f):	Not present
Cultural Resources:	Not Present
Cultural Resources Coordination - ODOT Approval/SHPO Concurrent Date	12/16/2020

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

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:	02/19/2021
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	11/02/2020
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
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) ASBESTOS NOTIFICATION

A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST SURVEYED THE BRIDGE STRUCTURE SCHEDULED FOR DEMOLITION AND/OR REHABILITATION; THE SURVEY DETERMINED THAT NO ASBESTOS IS PRESENT ON THE BRIDGE STRUCTURE.

ODOT SHALL PROVIDE A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM, PARTIALLY COMPLETED AND SIGNED BY THE BRIDGE OWNER, TO THE SUCCESSFUL BIDDER. THE CONTRACTOR SHALL COMPLETE THE FORM 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 FORM 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 FORM. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN ITEM 202 - PORTIONS OF STRUCTURE REMOVED, AS PER PLAN.

2) ODOT will obtain all appropriate waterway permits prior to any work within the jurisdictional boundary of any waterway, including wetlands, and all Waterway Permit Special Provisions will be noted under Special Provisions in the plans and adhered to during construction.

3) The project will be designed to meet the National Flood Insurance Program requirements.



Environmental Document Level: C2
PID 104269 CUY US 020 03.49 Replace
Approved: 3/9/2021

Preparers and Approvals

Form Preparer: Jessica Stratigakos
Lawhon & Associates, Inc
7650 Chippewa Road, Suite 311, Brecksville OH 44141
440-838-0777
jstratigakos@Lawhon-assoc.com

Supporting Form Preparer(s): Jessica Stratigakos

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Mark Carpenter (TRANS ENGR 3)	3/9/2021



Appendix

General

Aerial Map.pdf

County Map.pdf

STIP Listing.pdf

USGS Quadrangle Topographical Map.pdf

Noise

District Determination - No Noise Analysis Required.pdf

ESA

Project Related OES Decision - ESA.pdf

Regulated Materials Review Form.pdf

Cultural Resources

Historic Bridge Survey Form.pdf

Records Check.pdf

SHPO Comments

Transmittal 1 - ORC 149.53 Cultural Resource Coordination

Tribal Consultation

Ecological

OES Approval - No ODNR and USFWS Notification.pdf

Other Resources

Urbanized Area Map.pdf

Water Source Protection Area Map.pdf

Well Log Data.pdf

Section 6(f)

LWCF Grant Listing.pdf

Underserved Populations

Census Mapping.pdf

Underserved Populations Documentation Form.pdf

Public Involvement

Property Owner Notification Letter.pdf



Environmental Document Level: C2
PID 104269 CUY US 020 03.49 Replace
Approved: 3/9/2021

Public Comments Received.pdf

Public Notification Mailing List.pdf

Response to Public Comments - Greenspan.pdf

Permits

FEMA FIRM.pdf

Local Floodplain Administrator Approval.pdf

Statement of Findings.pdf