



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

CUY Center Street Swing Bridge PID 109597

Environmental Document Level: C2

Approved: 8/3/2020

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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 June 6, 2018, and executed by FHWA and ODOT.

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C2

PID:	109597
Project Sponsor:	Cleveland, City of
ODOT District:	12
Funding Source:	Federal
Private Funding:	No
Project Description:	

The ODOT proposes a bridge rehabilitation project located in the City of Cleveland, Cuyahoga County, Ohio. Previous rehabilitation of the Center Street Bridge (SFN 1869345) was completed in 1989; these efforts are now past their life expectancy. The Center Street Swing Bridge is listed on the National Register of Historic Places and as a contributing feature of the Cleveland Centre Historic District the proposed rehabilitation activities include painting of the entire structure, including the swing truss and east approach, to match the historic red color of the original bridge; replacement of the roadway stringers in the River Span to address deterioration of the existing stringers; relocation of the Operator's House stairs to provide 5-foot wide sidewalk on each side of bridge; replacement of the concrete filled grid steel sidewalk with fiberglass open grid deck; replacement of the roadway grid steel deck (both open grid and concrete filled) on the swing truss spans; installation of sidewalk lighting on the swing truss; replacement of the traffic railing on the East Approach Span with crash tested design; and Mechanical and electrical improvements for safe, reliable operation of the bridge. All work activities will focus on the existing right-of-way and no temporary and permanent right-of-way will be acquired.

No known architectural resources (OHI) or archaeological sites (OAI) will be impacted by construction activities. No Historic Properties are found in the project area or the area of potential effects (APE). In accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, ODOT-OES has determined that the proposed project is a type of undertaking that has 'minimal potential to cause effects' to historic properties and is not a part of a larger undertaking. See Project File > Cultural Resources > Project Information. One stream (Cuyahoga River) and no wetlands are located within the construction limits. ODNR reviewed and provided comments on March 25, 2020, including tree clearing restrictions, mussel survey and relocation, and recreational use. See Project File > Ecological. Based on the RMR Form completed for the project, further environmental site assessment or special materials management is not warranted. See Project File > ESA.

Vehicular and Pedestrian traffic will not be maintained during the project. A vehicular and pedestrian detour will be necessary. Local access for abutting properties will be maintained at all times. See Project File > General > Project Information > Stage 3 Design Plans.pdf. Utilities within the anticipated construction limits consist of City of Cleveland, City of Cleveland Division of Water, City of Cleveland Division of Water Pollution Control, City of Cleveland Public Power, Northeast Ohio Sewer District, Greater Cleveland Regional Transit Authority, Dominion East Ohio, Illuminating Company, AT&T, and Cleveland Thermal. Utility impacts will be handled appropriately prior to construction. All physical rehabilitation work to the bridge (painting, structural steel replacement, and mechanical and electrical improvements) will be performed with the bridge in the "open" position (closed to vehicular traffic and open to river traffic) for a majority of the anticipated construction duration, February 2021 through February 2022. However, several tasks prior



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to/after the work described above will require the bridge to be placed in the "closed" position (closed to river traffic). These items, including their anticipated time and duration are outlined below:

1. Installation of temp. supports for the lift span ends prior to swinging bridge into "open" position to perform rehabilitation work. March 2021, 5 days.
2. Operational/acceptance testing of the bridge after completion of all structural, mechanical, and electrical improvements. February 2022, 5 days.
3. Demolition of the temporary supports for the lift span ends after completion of all structural, mechanical, and electrical improvements and operational/acceptance testing. February 2022, 5 days.

The estimated project start date is 2/01/2021 and will take approximately 12 months for completion.

Funding:

- Preliminary Engineering (PE): Detailed Design - \$66,013 100% State.
- PE: Environmental - \$141,440 100% State.
- Construction: Contract - \$8,002,479.25 80% Federal and 20% Local; Engineering - \$800,250 100% Local

The PI activities included correspondence with Project Stakeholders and general public. Flyers were mailed to Project Stakeholders and hand delivered to public locations adjacent to the project. No public comments were received. The City has determined to proceed with the project as designed in the Stage 3 plans. See Project File > PI > Project Information.

The environmental document and associated studies, as applicable, were approved using Stage 3 plans for the proposed project. See Project File > General > Project Information > Stage 3 Design Plans.pdf.

STIP Reference #

SLI 16

Select the appropriate project type:

(27) Highway safety or traffic operations improvement projects, including the installation of ramp metering control devices and lighting, if the project meets the constraints in paragraph (e) of this section. **Examples include: Lane reduction ("road diet") changes provided traffic analysis is completed; Railroad projects that close at-grade crossings to improve safety or traffic operations.**

(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



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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:	Present; No finding of May Affect, Likely to Adversely Affect
Endangered Species - Coordination	No Effect
100-Year Floodplain:	No Encroachment Within a Special Flood Hazard Area (SFHA)
Section 4(f):	Present; No Impacts and/or Access Restrictions
Section 6(f):	Not present
Cultural Resources:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	Minimum Potential to Cause Effect Appendix B
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	03/11/2020
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:	08/03/2020
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	04/27/2020
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



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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) THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. THE CONTRACTOR SHALL NOT REMOVE TREES UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THE CONTRACTOR SHALL DEMARCATÉ CLEARING LIMITS IN THE FIELD TO AVOID ANY UNAUTHORIZED TREE CLEARING. 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) A LICENSED ASBESTOS HAZARD EVALUATION SPECIALIST INSPECTED THE STRUCTURE SCHEDULED FOR DEMOLITION AND/OR REHABILITATION; THE ASBESTOS INSPECTION DETERMINED THAT ASBESTOS IS PRESENT ON THE CUY-CENTER STREET SWING BRIDGE (ROOF AREA OF THE GATEMAN'S HOUSE) IN EXCESS OF THE ALLOWABLE REGULATORY LIMITS AND REQUIRES ABATEMENT. THE CONTRACTOR SHALL ENSURE THAT THE ABATEMENT, TRANSPORT, AND DISPOSAL OF ASBESTOS CONTAINING MATERIAL IS CONDUCTED IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. THE CONTRACTOR WILL ENSURE THAT ALL DOCUMENTATION RELATED TO THE ABATEMENT, TRANSPORT AND DISPOSAL OF ASBESTOS CONTAINING MATERIALS IS SUBMITTED TO THE PROJECT ENGINEER OR DISTRICT ENVIRONMENTAL STAFF FOR RECORD KEEPING WITHIN 2 WEEKS OF COMPLETION. THE CONTRACTOR SHALL SUBMIT ELECTRONICALLY TO OEPA A COMPLETED NOTIFICATION OF DEMOLITION & RENOVATION FORM (NDRF) AND APPLICABLE FEES ALONG WITH THE ASBESTOS SURVEY REPORT. THE COMPLETED NDRF MUST BE SUBMITTED TO OEPA AT LEAST 10 DAYS PRIOR TO DEMOLITION AND/OR RENOVATION ACTIVITY. THE CONTRACTOR IS RESPONSIBLE FOR RETAINING AN ELECTRONIC COPY OF THE NDRF (IN PDF FORM) FOR SUBMISSION TO THE DISTRICT ENVIRONMENTAL STAFF AND ONE HARD COPY TO THE PROJECT ENGINEER. THE CONTRACTOR MAY ELECT TO SUBMIT A HARD COPY OF THE COMPLETED NDRF AND PAYMENT ALONG WITH THE ASBESTOS SURVEY REPORT TO THE FOLLOWING: ASBESTOS PROGRAM OHIO EPA, DAPC PO BOX 1049 COLUMBUS, OHIO 43216-1049 OR ASBESTOS PROGRAM OHIO EPA, DAPC 50 W. TOWN STREET, SUITE 700 COLUMBUS, OHIO 43215 IF THE CONTRACTOR ELECTS TO SUBMIT A HARD COPY TO OEPA THEY ARE RESPONSIBLE FOR RETAINING A HARD COPY OF THE NDRF FOR SUBMISSION TO THE DISTRICT ENVIRONMENTAL STAFF AND ONE HARD COPY TO THE PROJECT ENGINEER. THE COMPLETED NDRF MUST BE SUBMITTED TO OEPA AT LEAST 10 DAYS PRIOR TO DEMOLITION AND/OR RENOVATION ACTIVITY.
- 3) THE CITY OF CLEVELAND 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 NOTED IN THE PLANS AND ADHERED TO DURING CONSTRUCTION.
- 4) A MUSSEL SURVEY AND RELOCATION WILL BE CONDUCTED ON THE CUYAHOGA RIVER PRIOR TO IN-WORK PORTION OF THE PROJECT, IF ANY.
- 5) THE CUYAHOGA RIVER WILL BE KEPT OPEN TO BOATERS AS MUCH AS FEASIBLE AND SAFELY AS POSSIBLE DURING THE PROJECT TO KEEP IMPACTS TO RECREATION AT A MINIMUM.
- 6) DURING BRIDGE CONSTRUCTION, WHEN THE CUYAHOGA RIVER BECOMES UNSAFE FOR RECREATIONAL TRAFFIC (I.E. BEAM REPLACEMENT, ETC.), THE CONSTRUCTION CREW WILL, THROUGH THE USE OF FLAGGERS, HOLD RECREATIONAL BOATING TRAFFIC UNTIL THE PROJECT AREA BECOMES SAFE AGAIN.



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7) LANGUAGE AND/OR DIAGRAMS DESCRIBING APPROPRIATE SIGNAGE/BUOYS/MARKERS TO BE PLACED 300 FEET UPSTREAM AND DOWNSTREAM OF THE PROJECT AREA TO ALERT BOATERS OF CONSTRUCTION ACTIVITY AND PROVIDE INSTRUCTIONS TO SAFELY NAVIGATE AROUND/THROUGH/OR AVOID THE PROJECT AREA.

8) LANGUAGE AND/OR DIAGRAMS OF SIGNAGE TO BE PLACED AT THE NEAREST UPSTREAM AND DOWNSTREAM PUBLIC ACCESS POINTS THAT WOULD DETAIL INFORMATION ABOUT THE DURATION OF POSSIBLE RECREATIONAL IMPACTS THAT WOULD IMPACT RECREATION AND DETAIL PORTAGE INSTRUCTIONS, IF POSSIBLE, FOR PADDLERS.

9) TOM ARBOUR, ODNR DIVISION OF PARKS AND WATERCRAFT TRAILS ADMINISTRATOR, CAN ASSIST WITH ANY NECESSARY SIGNAGE, COORDINATION, AND COMMUNICATIONS AND WOULD BE AVAILABLE TO CONDUCT A FIELD SITE VISIT TO MEET WITH THE PROJECT PLANNING TEAM BEFORE THE PROJECT BEGINS. MR. ARBOUR CAN BE REACHED AT 614-265-6575 OR THOMAS.ARBOUR@DNR.STATE.OH.US.

10) THE ODNR DIVISION OR PARKS AND WATERCRAFT WILL BE NOTIFIED AT LEAST 2 WEEKS IN ADVANCE OF CONSTRUCTION PROJECT ON ODNR'S ONLINE BOATING WEBPAGE, ANY ASSOCIATED MAPS AND RELAY INFORMATION TO THE LOCAL WATER TRAIL MANAGER, CLEVELAND METROPARKS.

11) IF ON-THE-WATER LAW ENFORCEMENT ASSISTANCE IS NEEDED DURING ANY PORTION OF THE CONSTRUCTION PHASE OR IF YOU HAVE ANY SPECIFIC QUESTIONS ABOUT NAVIGATION ON THE CUYAHOGA RIVER PLEASE CONTACT THE DIVISION OF PARKS AND WATERCRAFT LAW ENFORCEMENT SUPERVISOR CHARLES STIVER, CHARLES.STIVER@DNR.STATE.OH.US OR 216-337-2906.



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Preparers and Approvals

Form Preparer:

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Supporting Form Preparer(s):

Brad Falkinburg
Matthew Ray
Nicholas Fisco
Wesley Weir

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Mark Carpenter (TRANS ENGR 3)	8/3/2020



Appendix

Ecological

Coordination with ODNR and USFWS.pdf

General

County Map.pdf

Noise

District Determination - No Noise Analysis Required.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Ecological

ODNR Comments .pdf

ESA

Project Related District Decision - ESA.pdf

General

Project Study Area Map.pdf

USGS Quadrangle Topographical Map.pdf

Underserved Populations

Census Mapping.pdf

Permits

FEMA FIRM.pdf

Section 6(f)

LWCF Grant Listing.pdf

Public Involvement

Project Notification Flyer.docx

Public Involvement Plan.docx

Public Notification Mailing List.docx

Underserved Populations

Underserved Populations Documentation Form.docx