



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

CUY Memphis Avenue PID 104509

Environmental Document Level: C2

Approved: 4/9/2019

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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 11, 2015, and executed by FHWA and ODOT.

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C2

PID: 104509
Project Sponsor: CUYAHOGA COUNTY ENGINEER
ODOT District: 12
Funding Source: Federal
Private Funding: No

Project Description:

The proposed project plans to replace the Memphis Road Bridge (SFN1830244) over the CSXT Railroad located in the City of Brooklyn, Cuyahoga County, Ohio. The scope includes the replacement of the existing three-span, concrete encased steel beams on reinforced concrete abutments and pier structure, as well as approach work on Memphis Road.

Minor new permanent and temporary rights-of-way will be acquired to construct the proposed new bridge as part of the project. Permanent right-of-way from five parcels and temporary right-of-way from four parcels will be required for the project. All the other improvements proposed by the project will be constructed within the existing street rights-of-way.

During project construction, traffic on Memphis Road will be maintained using two way traffic, one lane in each direction. The anticipated duration for the one lane in each direction maintenance of traffic plan is 18 -24 months. No substantial traffic disruptions are expected to construct the project. The maintenance of traffic will be coordinated with the public and emergency/public services as part of the project's public involvement activities.

Relocations of existing overhead/underground utilities (aerial electric, communication lines, gas line, and water line) within the project study area will be necessary to construct the project. Utilities will not be permanently removed to construct the project. Coordination with the utility companies affected by the proposed construction activities was conducted for the project during its preliminary engineering phase and will continue during its detailed design phase.

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.

Review of the lwcfoalition.org website did not identify any Section6(f) sites within the project vicinity. The LWCF Grant Listing are included in Project File/Section 6(f)/Project information/LWCF Grant Listing.pdf.

CEAO LBR Project: Replace the Memphis Avenue Bridge over the CSXT Railroad in the City of Brooklyn.

Cost estimate: \$3,188,000.00

Preliminary engineering: 100% state

Construction: 80% federal and 20% local

STIP Reference #

SLI 16

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:	Not Present
Endangered Species:	Present; No finding of May Affect, Likely to Adversely Affect
Endangered Species - Coordination	May Affect, Not Likely to Adversely Affect
Endangered Species - Coordination Date	06/29/2018
Endangered Species - Critical Habitat Present/Impacted	
Indiana bat	
Northern long-eared bat	
Endangered Species - Other Critical Habitat Present/Impacted:	No
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:	No Adverse Effect
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	07/26/2018

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.

Air Quality:	Studies Not Required
Air Quality - Coordination with OES:	No
Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	02/26/2019
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	01/31/2018
Phase I ESA Warranted Based on Coordination with OES:	Yes
Phase II ESA Warranted Based on Coordination with OES:	No Further Studies Warranted
Hazardous Materials - Coordination Results	No Further Studies Warranted
Hazardous Materials - OES Approval Date - Phase I:	12/17/2018
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) The Project Designer will provide SHPO and Consulting Parties an opportunity to review and comment on the design plans before they are finalized.
- 2) The Project Designer shall incorporate the following note into the plans: 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. 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.
- 3) The project designer will ensure that no land from the historic Memphis Kiddie Park will be converted into transportation use by the undertaking.



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Preparers and Approvals

Form Preparer:

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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Mark Carpenter (TRANS ENGR 3)	4/9/2019



Appendix

General

Aerial Map.pdf

Cultural Resources

Consulting Party Coordination_1.pdf

Consulting Party Coordination_2.pdf

Ecological

Coordination with ODNR and USFWS.pdf

General

County Map.pdf

Air

District Determination - No Air Analysis Required.pdf

Noise

District Determination - No Noise Analysis Required.pdf

ESA

OES Recommendations - Assessment.pdf

OES Recommendations - RMR.pdf

General

Preliminary Right of Way Plans.pdf

ESA

Regulated Materials Review Form.pdf

Cultural Resources

SHPO Coordination - Re-Evaluation.pdf

General

STIP Listing.pdf

Ecological

USFWS Comments Consult Form CUY-Memphis Ave PID 104509.pdf

General

USGS Quadrangle Topographical Map.pdf

Other Resources



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Water Source Protection Area Map.pdf

Well Log Data.pdf

Underserved Populations

Census Mapping.pdf

Permits

FEMA FIRM.pdf

Section 4(f)

OES Cultural Resources 4(f) Determination.pdf

Public Involvement

Property Owner Notification Letter.pdf

Public Notification Mailing List.pdf

Underserved Populations

Underserved Populations Documentation Form.pdf