



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 02
317 E. POE RD. • BOWLING GREEN, OH 43402 • 419-353-8131

Environmental Document for **LUC Monroe/Silica Pav/Bridge PID 107489** **Environmental Document Level: C2**

Approved: 2/4/2022

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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.

Table of Contents

C2.....	3
Ecological.....	7
Environmental Commitments.....	9
Preparers and Approvals.....	10
Appendix.....	12



Environmental Document Level: C2
PID 107489 LUC Monroe/Silica Pav/Bridge
Approved: 2/4/2022

C2

PIDs: 107489, 111563
Project Sponsor: Sylvania, City of
ODOT District: 2
Funding Source: Federal
Private Funding: No

Project Description:

The City of Sylvania, in coordination with the Ohio Department of Transportation (ODOT), proposes to replace the existing bridge over Tenmile Creek and improve safety at the intersection of Monroe Street and Silica Drive located in Sylvania Township, Lucas County. The project includes two separate projects with unique PID's that share a contiguous-combined study area and have a slight overlap of construction limits. The two projects have been combined into one PID (107489). The project proposes to widen and upgrade the intersection of Monroe St. and Silica Dr. and add an additional eastbound lane on Monroe St. from Silica Dr. to Main St. Other proposed work includes upgrading the at-grade crossing with the Norfolk Southern railroad, new asphalt pavement, concrete walks & curbs, street drainage, and pavement markings and signing. The existing bridge over Tenmile Creek on Silica Drive will also be replaced. The existing bridge is a single span structure with a concrete arch superstructure and deck on concrete abutments. The new bridge is a three-span prestressed composite concrete box beam superstructure with reinforced concrete deck on cap and column piers on semi-integral concrete abutments. Other proposed work includes replacing the existing adjacent pedestrian footbridge and approach work.

A full closure of Silica Drive is expected during construction of the new bridge. Local detours will be provided. At least one lane of traffic in each direction will be maintained on Monroe Street at all times during construction.

Permanent right of way from 3 properties and temporary right of way from 37 properties will be required for this project. Impacts to utilities are expected.

An ecological survey was completed for the project area. 0.476 acre of suitable wooded habitat (SWH) for Threatened & Endangered federal and state bat species was observed in the Study Area. Approximately 0.038 acre of SWH are expected to be impacted by the project. This project *May Affect Not Likely to Adversely Affect* the federal species and *No Impact* on the state species. A bat tree cutting restriction plan note has been added. No impact to any other federally or state listed species, or their critical habitats, is expected.

Two (2) streams and two (2) wetlands were identified within the project study area. Both streams are likely to be impacted by the project. The required permitting from USACE will be obtained prior to construction. One wetland is likely to be partially impacted by the project. Part of the project area is located within a special flood hazard area.

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

On June 24, 2019 letters were sent to adjacent residents and property owners to provide notice of work crews potentially entering their property to perform field work and surveys for the Monroe Street/Silica Drive intersection. During this field visit, survey information was also gathered for the Silica Drive bridge project. Additional letters were sent to adjacent property owners and residents on October 25, 2019 to provide notice of an upcoming open house public meeting on November 28, 2019 to discuss the Monroe Street and Silica Drive intersection improvements. 153 comments were received and responded to via mailed letter on January 28, 2020. A newsletter was sent out on November 16, 2021 to nearby property owners, residents, and businesses that provided a project update and additional details on the upcoming bridge replacement and intersection improvement.

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

Construction is expected to begin in Summer of 2023 and last approximately 4 months.

STIP Reference #: 107489: 21-24 STIP

Select the appropriate project type:

(27) Highway safety or traffic operations improvement projects, including the installation of ramp metering



Approved: 2/4/2022

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 -

1. a. Acquisition of more than a minor amount of right-of-way
2. b. Residential or non-residential displacements
3. c. A Coast Guard, Individual Section 404 and/or a Section 10 permit
4. d. A Section 106 finding of *Adverse Effect*
5. e. A Section 4(f) Programmatic or Individual Evaluation
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. 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
Will any wetlands be impacted?	Yes
Endangered Species:	Present; No finding of May Affect, Likely to Adversely Affect
Endangered Species - Coordination	May Affect, Not Likely to Adversely Affect



Approved: 2/4/2022

Endangered Species - Coordination Date

01/12/2022

Endangered Species - Critical Habitat Present/Impacted

Indiana bat

Northern long-eared bat

Endangered Species - Other Critical Habitat Present/Impacted:

No

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:

02/01/2022

Section 4(f):

Not present

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**

10/07/2021

Tribal Consultation Summary/Remarks:

The Miami Tribe of Oklahoma was notified of the project on October 7, 2021. The Tribe did not provide any response within the 30 day comment period.

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:

02/04/2022

Hazardous Materials - ESA Screening Conducted

Yes

Hazardous Materials - OES Approval Date:

09/08/2021

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



Environmental Document Level: C2
PID 107489 LUC Monroe/Silica Pav/Bridge
Approved: 2/4/2022

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

Present; No UPIAR Required, Does Not Exceed UP Guidance Criteria, and No Issues Raised During Public Involvement

Identified Underserved Populations

Census Block Group #	% Minority	% Low Income	% Older Adults	% Limited English Proficiency (LEP)
390950082011	7	42	12	0
390950082022	9	33	23	3
390950082023	7	29	52	5

Underserved Populations Remarks

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations or disparate impacts to a Title VI population based upon the table above, the attached mapping, and the answers to the questions above. No concerns related to impacts on Environmental Justice or Title VI populations were raised as a result of public involvement activities conducted as part of the proposed project. Therefore, in accordance with the protections of Executive Order 12898, FHWA Order 6640.23A and Title VI of the Civil Rights Act of 1964, no further analysis is required.

Public Involvement:

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

Environmental Commitments

Yes



Ecological

Wetlands

ESR Name:	Wetland ID:	Hydrologic connection:	Wetland category:	Estimated total size (ac.):	Total estimated impact area by alternative (ac.):
LUC-Monroe St & Silica Dr	Wetland A	Adjacent	Category 2	0.072	0.01
	Wetland B	Adjacent	Category 1	0.032	0

Has an Approved and/or Preliminary Jurisdictional Determination been made by the USACE? No

Total impact to all wetlands (ac.): 0.01

Total acres of non-isolated wetlands impacted: 0.01

Total acres of isolated wetlands impacted: 0

In accordance with Executive Order 11990 - USDOT Order 5660.1A, this Wetland Finding has been prepared to document that wetlands have been avoided to the extent possible to minimize the long and short term adverse impacts associated with the destruction or modification of wetlands, and to document that there are no practicable alternatives to avoid construction in wetlands.

An analysis of the 'Do Nothing' alternative indicates that it is not practicable because (check all that apply):

It Would Not Correct Existing Condition and Maintenance Problems.

An analysis of improvements that avoid all wetland impacts indicates that they are not practicable because (check all that apply):

They Will Substantially Increase Project Costs.

They Will Result in Unique Engineering, Traffic, Maintenance, or Safety Problems.

Include justification supporting the decisions noted above:

Wetland impacts have been minimized to the extent practicable for the project. Due to the location of the wetland in close proximity to the existing bridge, total avoidance is not feasible.

All practicable measures have been considered and incorporated into the project design to avoid, minimize, wetland impacts. The wetland impact minimization measures that will be followed for the project are documented in the environmental commitments for the project. Wetland mitigation for



Environmental Document Level: C2
PID 107489 LUC Monroe/Silica Pav/Bridge

Approved: 2/4/2022

unavoidable impacts will be provided if required by the Clean Water Act or Ohio isolated wetland law, as regulated by the US Army Corps of Engineers and Ohio EPA regulations (33 CFR parts 325 and 332 and 40 CFR part 230, and OAC 3745-01-54), and (ORC 6111.027). No practicable alternatives exist for the proposed construction in wetlands, and the proposed action includes all practicable measures to minimize harm to the wetlands that may result from such use.

Remarks:

The project was designed to minimize impacts to wetlands.



Environmental Commitments

C2

- 1) Ensure impacts to the federally listed and protected Indiana bat and northern long-eared bat and the State listed and protected little brown bat and tricolored bat are avoided and minimized. Do not remove trees from April 1 through September 30. Perform all necessary tree removal from October 1 through March 31. Demarcate clearing limits in the field to avoid any unauthorized tree clearing. 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) The City of Sylvania 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.



Environmental Document Level: C2
PID 107489 LUC Monroe/Silica Pav/Bridge
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Preparers and Approvals

Form Preparer:

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Supporting Form Preparer(s):

Chantil Milam

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Phoenix Golnick (PROGRAM ADMIN 3)	2/4/2022



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Other Resources

Census Bureau 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

Public Involvement

Project Update Newsletter - Mailing List.pdf

Project Update Newsletter.pdf

Property Owner Notification Letter - June 24, 2019.pdf

Public Comments Received.pdf

Public Meeting Exhibits.pdf

Public Meeting Notification - Mailing List.pdf

Public Meeting Notification - Web Post.pdf

Public Meeting Notification.pdf

Public Meeting Sign In Sheets.pdf

Response to Public Comments - Mailing List.pdf

Response to Public Comments.pdf



Environmental Document Level: C2
PID 107489 LUC Monroe/Silica Pav/Bridge
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Permits

FEMA FIRM.pdf

Local Floodplain Administrator Approval.pdf

Statement of Findings.pdf