



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

LAK IR 090/SR 528 Signals PID 117898

Environmental Document Level: C2

Approved: 9/14/2023

Prepared By: District 12

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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

Project Information

PID: 117898

Project Sponsor: Madison, Village of

ODOT District: 12

Funding Source: Non-Federal

Does this project require a Federal permit or approval? No

Project Description:

The project install two (2) new mast arm traffic signals at the IR-90/SR 528 Interchange. Work will include all necessary signing, striping, and signalization to provide a continuous left turn lane and shoulder improvements to push back barrier on the inside of truck turns. SR 528 SB free-flow movement to I-90 WB will become signalized. This transportation improvement is scheduled for construction in April 2024. Detailed project schedule information will be released in Spring 2024.

No work within wetlands or streams. No Tree removal is required.

There is no Right-of-Way acquisition required for this project. All work will be fully within the existing Right-of-Way.

Roadway traffic will be maintained at all times during project construction. Access to all properties will be maintained at all times for all of the traveling (vehicular, pedestrian, etc.) public.

There are no utility relocations required for this project.

The environmental document and associated studies are being approved using Stage 3 Design. A copy of the plans are included in the project file.

The next phase of the proposed project is listed on the STIP: Yes

Ellis STIP Details

Phase	Current STIP Reference
ENV	
CO	117898: 24-27 STIP

The current cost estimate is in line with existing federal procedures for Ohio STIP Amendments and Administration Modifications: Yes

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.**

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 ROW (exceeds strip takes)
2. **b.** Residential or non-residential displacements
3. **c.** A U.S. Coast Guard permit or an Individual Section 404 permit under the Clean Water Act
4. **d.** A Section 106 finding of *Adverse Effect*
5. **e.** Section 4(f) impacts greater than de minimis
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.** A full Environmental Justice Analysis Report (EJAR) is required (the project must be processed as a D-level CE or higher-level document). If a memo-to-file/letter/IOC-format EJAR Short Report is determined to be the appropriate level of documentation, contact OES regarding NEPA document level.

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.

Ecological

Waterways:	Not Present
Will any wetlands be impacted?	No
Endangered Species:	No Impacts to Protected Species and Critical Habitat
Scenic Rivers	No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area

Scenic Rivers Remarks

The project is not within 1000-feet from a scenic river. Wetlands adjacent to project. However, the project will not impact wetlands. Wetland boundaries are located on the project plans.



Floodplains

100-Year Floodplain:

No Encroachment Within a Special
Flood Hazard Area (SFHA)

Floodplain Remarks

The project will not encroach on FEMA designated floodplains. See FEMA FIRM Map in the Project File/Permit/Floodplain.

Section 4(f)

Section 4(f):

Not present

Section 4(f) Remarks

No Section 4(f) properties are within or adjacent to the construction limits of the project.

Section 6(f)

Section 6(f):

Not present

Cultural Resources

Cultural Resources:

Not Present

Cultural Resources Coordination - ODOT Approval/SHPO
Concurrence Date

09/13/2023

Cultural Resources Remarks

A Cultural Resources Records Check was performed by district environmental staff using the SHPO GIS online database. No Cultural Resources listed on or determined eligible for listing on the National Register of Historic Places were identified within and/or immediately adjacent to the proposed project area. The undertaking is a type which has minimal potential to cause effects to historic properties in accordance with Appendix A of the Section 106 Programmatic Agreement and therefore, no further coordination is required. The Record Check can be found in the Project File Under Cultural Resources/Project Information.

Environmental Resources Considered

The following environmental resources are present and have been studied for potential impacts:

Regulated Materials

Air Remarks

The project does increase capacity on SR-528 or IR-90 and will not impact air quality.

Noise Remarks



The project is not a Type I project for noise, add an auxiliary lane or does not add capacity a new highway on new location. The project will not significantly change the horizontal or vertical alignment. Therefore, a noise analysis is not required.

The project involves ROW acquisition, Deep Excavation, or OEPA 513 Landfill Authorization: No

Hazardous Materials - OES Approval Date: 09/13/2023

Regulated Materials Review Remarks:

Based on the information in the Regulated Materials Review (RMR) Form completed for the project, further RMR activities or special materials management are not warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports subsection.

Environmental Justice

Projects that meet C2 criteria must be in accordance with ODOT's EJ Guidance and activities conducted for Public Involvement are commensurate to the project's type and scope of work.

Environmental Justice Populations Present; No EJAR Required, Does Not Exceed EJ Guidance Criteria, and No Issues Raised During Public Involvement

Identified Environmental Justice Populations

Census Block Group #	% Minority	% Low Income
155033	10.73	44.92

Environmental Justice Remarks

The project will not result in any unanticipated additional impacts to any Environmental Justice Populations. No concerns related to the impacts on Environmental Justice Populations or any other unique factors that could result in a disproportionately high and adverse effect were raised during Public Involvement. Based on mapping from TIMS, the minority populations are 10% for the US Census Block Groups located within the project area and 44% of the population is designated as low income.

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations based upon the table above, the attached mapping, and the answers to the questions above. No concerns related to impacts on Environmental Justice 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, no further analysis is required.

Based on the above findings an Environmental Justice Analysis Report is not required.

The Census mapping may be found in the project file under Environmental Justice.

Public Involvement

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



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Public Involvement Remarks

A press release and a project website was created by the District Public Information Office on 9/13/23. All comments will be responded to by the District and uploaded to EnviroNet.

Public Involvement Conclusion: No revisions to the project design have been made due to public comments. ODOT has decided to proceed with the project as currently designed.

Environmental Commitments

Environmental Commitments

Yes



Environmental Commitments

C2

- 1) No fill or equipment within the wetlands designated in the project plans.
- 2) Filter fabric fencing must be installed adjacent to wetlands.
- 3) All public comments will be responded to by the District and uploaded to EnviroNet.



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Preparers and Approvals

Form Preparer

District 12
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Supporting Form Preparer(s): Thomas Sorge

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Mark Carpenter (TRANS ENGR 3)	9/14/2023



Appendix

General

Aerial Map.pdf

USGS Quadrangle Topographical Map.pdf

ESA

Environmental Database Search Results - ORPS Report.pdf

Cultural Resources

Records Check.pdf

Ecological

ODNR Scenic River MOA Conditions

Environmental Justice

Census Mapping.pdf