



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 04
2088 SOUTH ARLINGTON RD. • AKRON, OH 44306 • 330-786-3100

Environmental Document

for

D04 TSG FY2024 PID 116414

Environmental Document Level: C2

Approved: 2/21/2024

Prepared By: District 4

Brian Peck
Phone: 330-786-4931
E-mail: Brian.Peck@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.....	10
Preparers and Approvals.....	11
Appendix.....	12



Environmental Document Level: C2
PID 116414 D04 TSG FY2024
Approved: 2/21/2024

C2

Project Information

PID:	116414
Project Sponsor:	DISTRICT 4-HMA
ODOT District:	4
Funding Source:	Federal

C2 Section

Project Description:



Environmental Document Level: C2

PID 116414 D04 TSG FY2024

Approved: 2/21/2024

The Ohio Department of Transportation (ODOT) proposes work at three (3) traffic signal locations in Jackson and Perry Townships, Stark County, at one (1) traffic signal location in Edinburg Township, Portage County and at one (1) traffic signal location in Boardman Township, Mahoning County. Proposed location information and work activities are summarized below by location.

1. State Route (SR) 241/Strausser Street intersection in Jackson Township, Stark County: Work includes installation of new strain poles, LED vehicular signal heads/lenses, pull box, overhead traffic signal span and tether wires, pole cabinet, new stop-line radar detection units and advance radar detection units.
2. SR 7/Buena Vista Avenue intersection in Boardman Township, Mahoning County: Work includes new installation of signal support poles and mast arms, LED vehicular and pedestrian signal heads/lenses, pedestrian pushbuttons, pull box, pole cabinet, new stop-line radar detection units and advance radar detection units.
3. SR 14/SR 183 intersection in Edinburg Township, Portage County: Work includes pole mounted cabinet replacement.
4. SR 241/SR 687/Fulton Drive intersection in Jackson Township, Stark County: Work includes new concrete walk/new curb ramp installations to comply with the Americans with Disabilities Act (ADA) standards, installation of LED pedestrian signal heads/lenses and pedestrian pushbuttons, and new crosswalk line pavement marking applications.
5. STA-172-8.84 (near 27th Street) in Perry Township, Stark County: Work includes installation of new span wire sign support poles and span wire overhead sign support, and mounted sign replacement.

Mapping that depicts the project locations on United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Mapping is included in the Project File/General/Project Information subsection as *USGS Quadrangle Topographical Map.pdf*.

During project construction, two-way traffic shall be maintained on a minimum of two (2) 11-foot lanes by use of existing pavement. Lane closures shall not be permitted during the hours of 6:00am and 9:00am nor 4:00pm and 6:00pm on weekdays. If it is necessary to stop all traffic for overhead work, the stoppage shall be less than ten (10) minutes in any one (1) thirty (30) minute period. Lane restrictions and/or traffic stoppage information will be posted within the project construction limits prior to the implementation of any restriction or stoppage at the respective intersection locations. Access shall be maintained to all adjacent properties, businesses and intersecting side streets for the duration of the construction project. Substantial traffic disruptions are not expected during project construction.

Based on the project scope of work, its Path 1 Project Development Process (PDP) Classification and the proposed maintenance of traffic measures, emergency/public services contact activities were not conducted for the project. To facilitate the proposed improvements at the SR 241/Strausser Street intersection, a total of 0.019 acre of new permanent standard highway easement will be required from one parcel. Total property takes, structure takes, or relocations are not proposed to construct the project. See the right-of-way plans for the project in the Project File/General/Project Information subsection as *Final Right-of-Way Plans.pdf*.

Existing utilities within the project study areas will not be impacted/relocated to construct the project. Any electric service disconnections/reconnections shall be coordinated with the electric service provider by the contractor. Additionally, this project is considered ecologically exempt under the Ecological MOA (Agreement 19394). See the *Ecologically Exempt D04-TSG-FY2024.pdf* for the project in the Project File/Ecological/Reports subsection. The project will not impact any environmentally sensitive resources within the project study areas.

The environmental document and associated studies, as applicable, were approved using the Stage 3 Design plans for the project. A copy of the Stage 3 Design plans for the project is included in the Project File/General/Project Information subsection as *Stage 3 Design.pdf*.

The estimated total project cost specified in Ellis is approximately 1.6% greater than the total project cost specified in the ODOT State Fiscal Years 2024 - 2027 Statewide Transportation Improvement Program (STIP). However, fiscal constraint is at the Statewide Line Item (SLI) Group level. An individual project utilizing SLI does not require a STIP/TIP amendment.

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

Yes

Ellis STIP Details

Phase	Current STIP Reference
ENV	116414: 24-27 STIP
RW	On Previous STIP



Phase	Current STIP Reference
CO	116414: 24-27 STIP
DD	

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

The identified Federally Listed Species for the project received an effect determination of No Effect.



Environmental Document Level: C2

PID 116414 D04 TSG FY2024

Approved: 2/21/2024

Endangered Species Remarks:	N/A.
Scenic Rivers	No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area
Scenic Rivers Remarks	N/A.
Floodplains	
100-Year Floodplain:	No Encroachment Within a Special Flood Hazard Area (SFHA)
Floodplain Remarks	
ODOT District 4 Environmental Section personnel reviewed FEMA FIRM mapping information for the project study areas and determined the project is not located within a special flood hazard area. See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection.	
Section 4(f)	
Section 4(f):	Not present
Section 4(f) Remarks	N/A.
Section 6(f)	
Section 6(f):	Not present
Cultural Resources	
Cultural Resources:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	No Historic Properties Affected
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	02/05/2024
Cultural Resources Remarks	



Environmental Document Level: C2

PID 116414 D04 TSG FY2024

Approved: 2/21/2024

The five (5) proposed signal improvement locations are in areas previously disturbed by road construction, utility installation, and drainage ways. Ohio State Historic Preservation Office (SHPO) GIS mapping shows no inventoried archaeological sites within or adjacent to the proposed STA SR 241/Strausser Street, STA-SR174-8.84, POR-SR14/SR 183 and MAH-SR7/Buena Vista Ave intersection locations. The SR241/SR687/Fulton Drive intersection has been previously subjected to archaeological investigation, with site 33ST874 (associated with the razed and de-listed William Kettering Homestead) in the northwest quadrant. ODOT-OES archaeological staff visually inspected the STA SR 241/Strausser Street intersection project area of potential effects (APE) on January 29, 2024, and photographs were taken to document the disturbed ground conditions. No additional archaeological investigations are recommended for this undertaking.

No history/architecture resources listed in or eligible for listing in the National Register of Historic Places were identified within the five separate project areas or in each APE.

Based on the project scope and the literature and field reviews, the subject undertaking does not impact any historic cultural resource. In accordance with Stipulation V(C)(2) of the Section 106 Programmatic Agreement among FHWA, ACHP, Ohio SHPO, ODOT, Regarding Implementation of the Federal Aid Highway Program in Ohio (Agreement No. 38503) executed June 29, 2023, OES has determined that "no historic properties affected" is the appropriate finding for the project based on the following:

- No history architecture properties in the APE are eligible for or listed on the National Register of Historic Places, and no further investigations are warranted.
- No archaeological sites in the APE are eligible for or listed on the National Register of Historic Places, and the extent of ground disturbance at all five (5) work locations precludes the need for any further archaeological investigation.

Project Section 106 information was submitted to the SHPO on February 5, 2024. No comments or objections were received during the 15-day SHPO review period. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the Cultural Resources Tab.

Environmental Resources Considered

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

Regulated Materials

Air Remarks

Air quality studies/coordination are not required for this project.

Noise Remarks

The project does not qualify as a Type I project for noise (i.e. not adding capacity, not moving thru travel lanes equal to or greater than 50% closer to noise sensitive areas) and a noise analysis is not required for the project under 23 CFR 772.

The project involves ROW acquisition, Deep Excavation, or OEPA 513 Landfill Authorization:

Yes - Screening

Regulated Materials Review Screening:

No Further Regulated Materials Review

Regulated Materials Review Screening - DEC/OES Approval Date:

01/11/2024

Regulated Materials Review Remarks:

Based on the information in the Regulated Materials Review (RMR) Forms 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/RMR/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
391517113112	6	22
391517113113	13	4
390998117002	18	35
390998118002	14	18
391336007051	7	18
391517113122	3	12
391517113123	2	4
391517114022	16	8
391517114112	9	6
391517135021	11	45
391517135023	4	39

Environmental Justice Remarks

A review of the ODOT Transportation Information Mapping System (TIMS) indicated Environmental Justice populations within the proposed project areas. No businesses or residences will be acquired or relocated as part of the project. The proposed project will have no disproportionately high and adverse effects to minority or low-income populations based upon the table above and attached mapping. Therefore, in accordance with the protections of Executive Order 12898 and FHWA Order 6640.23A, no further analysis is required. See Environmental Justice documentation for the project in the Project File/Environmental Justice/Project Information subsection.

Public Involvement

Public Involvement:

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

Public Involvement Remarks

Based on the project scope of work, its Path 1 Project Development Process (PDP) Classification and the proposed maintenance of traffic measures, emergency/public services contact activities were not conducted for the project. ODOT District 4 mailed a property owner notification letter to the lone property owner affected by right-of-way acquisition at the SR 241/Strausser Street intersection. Comments were requested by this public involvement activity. No public comments were received as a result of the public involvement activity. See the public involvement documentation for the project in the Project File/Public Involvement/Project Information subsection.

Environmental Commitments

Environmental Commitments

No



Environmental Document Level: C2

PID 116414 D04 TSG FY2024

Approved: 2/21/2024



Environmental Document Level: C2
PID 116414 D04 TSG FY2024
Approved: 2/21/2024

Environmental Commitments



Environmental Document Level: C2

PID 116414 D04 TSG FY2024

Approved: 2/21/2024

Preparers and Approvals

Form Preparer

District 4
Contact: Brian Peck
330-786-4931
Brian.Peck@dot.ohio.gov

Supporting Form Preparer(s): Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Brian Peck (ENV SPEC 3)	2/21/2024



Appendix

General

County Map.pdf

Final Right of Way Plans.pdf

USGS Quadrangle Topographical Map.pdf

Air

District Determination - No Air Analysis Required.pdf

Cultural Resources

Project Related OES Decision - Cultural Resources.pdf

Records Check.pdf

SHPO Comments

Transmittal 1 - Effect Determination

Tribal Consultation

Ecological

ODNR Scenic River MOA Conditions

Other Resources

Urbanized Area Maps.pdf

Environmental Justice

Census Mapping.pdf

Public Involvement

Property Owner Notification Letter - ROW.pdf

Property Owner Notification Mailing List.pdf

Permits

FEMA FIRM.pdf