



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

POR SR 0303 04.50 PID 116254

Environmental Document Level: C2

Approved: 7/10/2023

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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:	116254
Project Sponsor:	Streetsboro, City of
ODOT District:	4
Funding Source:	Federal

Project Description:

The city of Streetsboro proposes to improve the intersection of State Route (SR) 303 (Streetsboro Road) and Diagonal Road in the city of Streetsboro, Portage County, Ohio. The project proposes to reconstruct approximately 1,200 linear feet of SR 303 and 200 linear feet of Diagonal Road, replacing the existing triangular intersection with a new T-intersection with an added westbound left-turn lane and eastbound right-turn lane on SR 303 to southbound Diagonal Road. Additional improvements proposed by the project include reconstruction of impacted stormwater drainage including construction of a vegetated filter strip/post construction storm water best management practice (BMP), driveway reconstruction/realignment, guardrail installation/replacement, new lighting and traffic sign installations and center line/edge line/channelizing line/stop line/transverse-diagonal line/other pavement markings applications.

Mapping that depicts the project location 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*.

The maintenance of traffic (MOT) for this project will be conducted in phases using a combination of part-width construction, temporary pavement installation, eastbound and westbound directional detours on SR 303 and a full closure/detour on Diagonal Road. The project will attempt to limit directional closures on SR 303 and closure/detour on Diagonal Road. Construction, lane restrictions/closures and detour information will be posted within the project limits prior to the start of project construction. Access shall be maintained to all adjacent properties for the duration of project construction. Substantial traffic disruptions are not expected during project construction.

Approximately 0.110 acre of temporary right-of-way will be acquired from 3 parcels and 0.591 acre of new permanent right-of-way will be acquired from 2 parcels to construct the project. Total property takes, structure takes or relocations are not proposed by the project. See the preliminary right-of-way plan for the project in the Project File/General/Project Information subsection as *Right of Way Plan Sheets.pdf*.

Minor relocations of existing utilities within the project study area will be necessary to construct the project. These minor utility relocations will occur within the existing/new permanent roadway rights-of-way. 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.

In March 2023, the Ohio Department of Transportation (ODOT) Office of Environmental Services (OES) conducted a literature review followed by an archaeological field review for the proposed project. The literature review revealed no previous archaeological survey or inventoried archaeological resources within the general vicinity of the area of potential effects (APE). During the field review, archaeological testing encountered no resources within the proposed new permanent and temporary rights-of-way. In April 2023, the ODOT OES conducted a History/Architecture Review for the APE and surrounding area. The review determined that an Ohio Historic Inventory structure is located northeast of the project area and is identified as the Albert Doolittle House (POR0001005). ODOT-OES determined that the proposed project will not have an effect on the historic property and recommended no additional research. Based on the project scope, the literature/field reviews and in accordance with Stipulation V(C)(2) of the Section 106 Programmatic Agreement between FHWA, ODOT, Ohio SHPO, and ACHP executed November 08, 2017 (Agreement No. 19319) as amended on December 14, 2020, ODOT OES determined "no historic properties affected" as the appropriate finding for the intersection improvement based on the following.



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- No significant history architecture property occurs within the APE.
- No significant archaeological resource occurs within the APE.

See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information and Reports subsections and the Cultural Resources Tab.

Tribal consultation was conducted for the project based on the Tribes' individual preferences detailed in either the Tribal Profile Manager in EnviroNet or documented in previous communications. The Wyandotte Nation, Delaware Nation, Seneca Nation, Eastern Shawnee Tribe of Oklahoma and Shawnee Tribe do not object to the project Section 106 effect determination. The Delaware Nation, Seneca Nation and Shawnee Tribe wishes to consult further if artifacts are uncovered during the course of the project. See the Tribal consultation documentation for the project in the Project File/Cultural Resources/Coordination subsection and the Cultural Resources Tab.

Based on information provided in the Regulated Materials Review (RMR) Screening, no sites within the project study area warranted further RMR investigation. ODOT OES reviewed the RMR Screening and determined no further RMR or special material management is warranted for the project. See the RMR documentation for the project in the Project File/ESA/Coordination and Reports subsections.

No streams, wetlands or other aquatic resources are present within the project construction limits. Moreover, this project is not subject to Scenic River coordination as per the ODNR Memorandum of Agreement between ODOT and ODNR (Division of Watercraft) for Project Coordination on Ohio's State Wild, Scenic and Recreational Rivers. The project proposes to remove approximately 0.08 acre of suitable wooded habitat (SWH) for the federally-listed Indiana bat and northern long-eared bat, and state-listed little brown bat and tricolored bat species. See the ecological and threatened/endangered species documentation for the project in the Project File/Ecological/Reports subsection and the Ecological Tab.

GPD Group environmental personnel reviewed the FEMA FIRMs for the project study area and determined the project does not encroach within mapped special flood hazard areas (SFHAs). See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection.

The project will not impact any other environmentally sensitive resources within the project study area.

The city of Streetsboro conducted various public involvement activities for the project, including a press release and exhibit submission posted to the city's website and notification letters with exhibit mailed to property owners/tenants/stakeholders/local emergency and public services. Project comments were requested with all public involvement activities. No public comments were received as a result of the public involvement activities conducted for the project. See the public involvement documentation for the project in the Project File/Public Involvement/Project Information subsection.

The environmental document and associated studies, as applicable, were approved using the Stage 2 Design plans and right-of-way plan developed for the project. A copy of the Stage 2 Design plans and preliminary right-of-way plans for the project are included in the Project File/General/Project Information subsection as Stage 2 Design.pdf and Right of Way Plan Sheets.pdf, respectively.

The estimated total project cost specified in Ellis is 10.4% 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. Therefore, an individual project utilizing a 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	On Previous STIP
RW	116254: 24-27 STIP
CO	116254: 24-27 STIP
DD	116254: 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:

(26) Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders,



or adding auxiliary lanes (including parking, weaving, turning, and climbing lanes), if the action meets the constraints in paragraph I of this section. **Examples include: Joint or limited use of right-of-way where the proposed use would have minimal or no adverse social (including highway safety), economic or environmental impacts; Installation of new noise walls and other new noise mitigation projects; Construction of highway safety and truck escape ramps; Construction of bicycle lanes and pedestrian walkways, sidewalks, shared-use paths, or facilities and trailhead parking that do not otherwise qualify for a C1 designation; Beautification or facility improvement projects (i.e. landscaping, curb and gutter installation and replacement, ADA ramps/curb ramps, installation of park benches, decorative lighting, etc.); Construction of alternative energy facilities (fuel tank farms, wind turbines, etc.)**

(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



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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 05/09/2023

Endangered Species - Critical Habitat Present/Impacted

Indiana bat

Northern long-eared bat

Endangered Species - Other Critical Habitat Present/Impacted: Yes

Endangered Species - Other Description:

Project to remove 0.08 acre of habitat for federal proposed endangered Tricolored Bat

Scenic Rivers No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area

Scenic Rivers Remarks

This project is located within 1,000 linear feet of the State Scenic Upper Cuyahoga River. However, the project is located entirely within the city of Streetsboro corporation limits. Therefore, this project is not subject to Scenic River coordination as per the Ohio Department of Natural Resources (ODNR) Memorandum of Agreement between ODOT and ODNR (Division of Watercraft) for Project Coordination on Ohio's State Wild, Scenic and Recreational Rivers.

Floodplains

100-Year Floodplain: No Encroachment Within a Special Flood Hazard Area (SFHA)

Floodplain Remarks

GPD Group environmental personnel reviewed the FEMA FIRMs for the project study area and determined the project does not encroach within mapped special flood hazard areas (SFHAs). 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

GPD Group environmental personnel performed a field review and on-line review of Portage County Auditor parcel data for the project study area. Section 4(f) properties are not present within or in proximity to the project study area.

Section 6(f)

Section 6(f): Not present



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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 04/24/2023

Cultural Resources Remarks

In March 2023, the Ohio Department of Transportation (ODOT) Office of Environmental Services (OES) conducted a literature review followed by an archaeological field review for the proposed project. The literature review revealed no previous archaeological survey or inventoried archaeological resources within the general vicinity of the area of potential effects (APE). During the field review, archaeological testing encountered no resources within the proposed new permanent and temporary rights-of-way. In April 2023, the ODOT OES conducted a History/Architecture Review for the APE and surrounding area. The review determined that an Ohio Historic Inventory structure is located northeast of the project area and is identified as the Albert Doolittle House (POR0001005). ODOT-OES determined that the proposed project will not have an effect on the historic property and recommended no additional research. Based on the project scope, the literature/field reviews and in accordance with Stipulation V(C)(2) of the Section 106 Programmatic Agreement between FHWA, ODOT, Ohio SHPO, and ACHP executed November 08, 2017 (Agreement No. 19319) as amended on December 14, 2020, ODOT OES determined "no historic properties affected" as the appropriate finding for the intersection improvement based on the following.

- No significant history architecture property occurs within the APE.

- No significant archaeological resource occurs within the APE.

See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information and Reports subsections and the Cultural Resources Tab.

Tribal Consultation Summary/Remarks:

Tribal consultation was conducted for the project based on the Tribes' individual preferences detailed in either the Tribal Profile Manager in EnviroNet or documented in previous communications. The Wyandotte Nation, Delaware Nation, Seneca Nation, Eastern Shawnee Tribe of Oklahoma and Shawnee Tribe do not object to the project Section 106 effect determination. The Delaware Nation, Seneca Nation and Shawnee Tribe wishes to consult further if artifacts are uncovered during the course of the project. See the Tribal consultation documentation for the project in the Project File/Cultural Resources/Coordination subsection and the Cultural Resources Tab.

Environmental Resources Considered

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

Noise

Regulated Materials

Farmland

Air Remarks

Air quality studies or coordination are not required for this project. Project meets 40CFR93.126 as "Projects that correct, improve, or eliminate hazardous locations or features".

Noise: Studies Not Required



Noise - Coordination with OES

No

Noise Remarks

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

03/21/2023

Regulated Materials Review Remarks:

Based on information provided in the Regulated Materials Review (RMR) Screening, no sites within the project study area warranted further RMR investigation. ODOT OES reviewed the RMR Screening and determined no further RMR or special material management is warranted for the project. See the RMR documentation for the project in the Project File/ESA/Coordination and Reports subsections.

Farmland:

Non-Urbanized Area; No Impacts in Accordance With the Farmland MOU, 7 CFR 658, and ORC 929.05

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
157139	15	22
157141	22	30

Environmental Justice Remarks

A review of the ODOT Transportation Information Mapping System (TIMS) indicated Environmental Justice populations within the proposed project area. 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. No concerns related to impacts on Environmental Justice 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 and FHWA Order 6640.23A, no further analysis is required. See Environmental Justice documentation for the project in the Project File/Underserved Populations/Project Information subsection.

Public Involvement



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Public Involvement:

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

Public Involvement Remarks

The city of Streetsboro conducted various public involvement activities for the project, including a press release and exhibit submission posted to the city's website and notification letters with exhibit mailed to property owners/tenants/stakeholders/local emergency and public services. Project comments were requested with all public involvement activities. No public comments were received as a result of the public involvement activities conducted for the project. See the public involvement documentation for the project in the Project File/Public Involvement/Project Information subsection.

Environmental Commitments

Environmental Commitments

Yes



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Environmental Commitments

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1) 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. NO TREES SHALL BE REMOVED 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.



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Preparers and Approvals

Form Preparer:

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Supporting Form Preparer(s):

Edward Deley

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	7/10/2023



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

ESA

OES Recommendations - Screening.pdf

Regulated Materials Review Form.pdf

Cultural Resources

Phase I Archaeology .pdf

Records Check.pdf

SHPO Comments

Section 106 Scoping Request Form.pdf

Transmittal 1 - Effect Determination

Tribal Consultation

Tribal Consultation - Correspondence List and Example Email.pdf

Tribal Response - Delaware Nation.pdf

Tribal Response - Eastern Shawnee Tribe.pdf

Tribal Response - Seneca Nation.pdf

Tribal Response - Shawnee Tribe.pdf

Tribal Response - Wyandotte Nation.pdf

Ecological

Email Correspondence ODNR Scenic Rivers - Response.pdf

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Other Resources

Site Specific Resource Mapping.pdf

Sole Source Aquifer Mapping.pdf

Water Source Protection Area Map.pdf

Environmental Justice



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Census Mapping.pdf

Public Involvement

News Article - Record Courier 5-8-2023.docx

News Article - The Portager 5-7-2023.pdf

Press Release - City of Streetsboro Website.pdf

Project Related Email - No Public Comments Received.pdf

Project Website Snap Shot - 2-27-2023.pdf

Property Owner Notification Letter Exhibit.pdf

Property Owner Notification Letter.pdf

Public Notification Mailing List.pdf

Public and Emergency Services - Stakeholder Contact List.pdf

Right of Entry Property Owner Notification Letter.pdf

Right of Entry Property Owner Notification Mailing Addresses.pdf

Permits

FEMA FIRM.pdf