



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU US 0062 07.47 PID 110589

Environmental Document Level: C2

Approved: 10/28/2021

Prepared By: Melissa Seeley

EMH&T

Phone: 614-775-4514

E-mail: mseeley@emht.com

District Contact: Edward Deley

Phone: 330-786-4930

E-mail: Edward.Deley@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.

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C2

PID:	110589
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Federal
Private Funding:	No
Project Description:	

The Ohio Department of Transportation (ODOT) proposes to improve the U.S. Route (USR) 62/Bedford Road and USR 62/Broadway Avenue intersections in Brookfield Township, Trumbull County, based on the results of a Safety Study that was completed for these intersections. A copy of the Safety Study for the project is included in the Project File/General/PDP subsection as Safety Study.pdf. The project proposes to install a traditional restricted crossing U-turn intersection (RCUT) at the USR 62/Bedford Road intersection by reconfiguring the paved median opening at the intersection. Median U-Turn areas will also be constructed on USR 62 east and west of the intersection along with new left-turn lanes. Additionally, the project proposes a right-in/right-out at the USR 62/Broadway Avenue intersection by removing the paved median area at the intersection.

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

The proposed improvements at the USR 62/Bedford Rd intersection will require 0.256 acre of new permanent right-of-way from three parcels and 0.003 acre of temporary right-of-way from two parcels. The proposed improvements at the USR 62/Broadway Ave intersection will not require any new permanent/temporary right-of-way. See the right-of-way plan information for the project in the Project File/General/Project Information as Final Right of Way Plans.pdf.

Construction shall be completed in three non-concurrent phases. A minimum of one lane of traffic in each direction shall be maintained on USR 62 during each phase. The USR 62/Broadway Avenue construction will be completed during Phase 1. During Phase 1, Broadway Avenue will operate as a right-in/right-out by closing the median. Restricted intersection turning movements at Broadway Avenue will not be detoured as they are being permanently removed by the project. The USR 62/Bedford Road RCUT construction will be completed during Phases 2 and 3. During Phase 2, Bedford Road will be closed/detoured to construct the proposed intersection and new pavement on the north and south sides of USR 62. During Phase 3, Bedford Road will have limited access as the median improvements will require the closure of the eastbound and westbound left-turn lanes on all approaches as well as the Bedford Road northbound and southbound through movements. Access shall be maintained to all adjacent properties during each phase of project construction. Construction, lane-turning movements restriction/reduction/closure and detour information will be posted within the project construction limits prior to the start of project construction. Substantial traffic disruptions are not expected during project construction.

Multiple overhead and underground utilities exist within the project study areas. These include electric, gas, sanitary, water, oil and gas and telecommunications utilities. A gas line and two (2) electric service poles and their associated overhead electric service/telecommunications wires conflict with the proposed improvements at the USR 62/Bedford Road intersection and will be permanently relocated within the existing/new highway right-of-way. The remaining utilities do not conflict with the project and will not be impacted during project construction. 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 Section 106 literature review indicated that no known archaeological sites or previously recorded history/architecture resources are within or adjacent to the project Area of Potential Effects (APE). Therefore, no known cultural resources will be affected by the project. Based on the results of the literature review, the scope of the undertaking, and the results of the cultural resource review, no further cultural resource investigations are warranted. 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) and amended on July 11, 2019, ODOT-OES has determined that 'no historic properties affected' is the appropriate finding for the project. No further cultural resource investigation is required for the project pending completion of a 15-day review and comment period at the SHPO. The Ohio SHPO did not comment on or object to the project during the 15-day review/comment period for the project. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the



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Cultural Resources Tab.

Based on the information in the Regulated Materials Review (RMR) Form completed for the project, ODOT Office of Environmental Services determined that no further RMR or special material management is warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports and Coordination subsections.

The project will impact approximately 0.01 acre of Wetland B, a Modified Category 2 wetlands. The project will also impact approximately 0.86 acre of Suitable Wooded Habitat (SWH) for the federally-listed Indiana Bat (*Myotis sodalis*) and Northern Long-eared Bat (*Myotis septentrionalis*), and state-listed Little Brown Bat (*Myotis lucifugus*) and Tricolored Bat (*Perimyotis subflavus*). See the ecological documentation and threatened/endangered species documentation for the project in the Project File/Ecological/Reports and Coordination subsections and in the Ecological Tab.

ODOT District 4 Environmental Section personnel reviewed the FEMA FIRM for the project study area 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.

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

ODOT District 4 conducted various public involvement activities for the project, including a stakeholder meeting and a virtual public involvement meeting. See the public involvement documentation for the project, including the summary of the public involvement activities, received comments and responses to public comments, 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 for the project. A copy of the Stage 2 Design plans for the project is included in the Project File/General/Project Information subsection as Stage 2 Design.pdf. When available, final design plans for the project will be reviewed by ODOT District 4 Environmental Section personnel and uploaded to the Project File.

The estimated total project cost specified in Ellis agrees with the total project cost specified in the ODOT State Fiscal Years 2021 - 2024 Statewide Transportation Improvement Program (STIP).

STIP Reference #:

110589: 21-24 STIP/SLI Group Project. Fiscal constraint is at SLI Group level.

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 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



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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	Yes
Will any wetlands be impacted?	Yes
Isolated Wetland Permit Approval Date	
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	07/21/2021
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):	Not present
Section 6(f):	Not present
Cultural Resources:	Not Present
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	08/11/2021
Tribal Consultation Summary/Remarks:	



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Based on the Tribes' preferences documented in either EnviroNet or in previous communications, seven Tribes were interested in and subsequently notified of the TRU-62-7.47 intersection improvement project. One Tribe, the Seneca Nation, responded by email message stating the Seneca Nation THPO has determined a 'No Effect' for the Ohio DOT Project: TRU-62- 7.47 (PID 110589). However, if anything occurs that causes this determination to change, please inform the Seneca Nation THPO. See the tribal consultation documentation for the project in the Project File/Cultural Resources/Coordination subsection and the Cultural Resources Tab.

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:	Yes
Air Quality - OES Approval Date:	08/24/2021
Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	08/24/2021
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	09/01/2021
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
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



Ecological

Wetlands

ESR Name:	Wetland ID:	Hydrologic connection:	Wetland category:	Estimated total size (ac.):	Total estimated impact area by alternative (ac.):
TRU-62-7.4 7	Wetland A	Isolated	Category 1	0.037	0
	Wetland B	Isolated	Modified Category 2	0.029	0.005
	Wetland C	Isolated	Category 1	0.75	0

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

Total impact to all wetlands (ac.): 0.005

Total acres of non-isolated wetlands impacted: 0

Total acres of isolated wetlands impacted: 0.005

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 Safety Hazards.

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

They Will Not Meet the Identified Needs of the Project.

Include justification supporting the decisions noted above:

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 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.



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Remarks:

Wetland B is located immediately adjacent to the roadway in the location where northern Bedford Road U-Turn will be constructed. There is no practical way to avoid Wetland B entirely, though impacts have been minimized to the greatest extent practical while still allowing the contractor sufficient space to perform the work.



Environmental Commitments

C2

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. 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.

2) ODOT will obtain the appropriate waterway permit(s) for the project prior to any work within the jurisdictional boundary of any waterway, including wetlands, and incorporate the waterway permit(s) conditions into the project plans as Special Provisions.

3) Wetland A and Wetland C will be marked for avoidance and will not be impacted for the project.



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Preparers and Approvals

Form Preparer:

Melissa Seeley
EMH&T
5500 New Albany Road, Columbus OH 43054
614-775-4514
mseeley@emht.com

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	10/28/2021



Appendix

General

Aerial Map_Bedford.pdf

Aerial Map_Broadway.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Air

OES Approval - No Air Analysis Required.pdf

Noise

OES Approval - No Analysis Required.pdf

ESA

OES Recommendations - Screening.pdf

Cultural Resources

SHPO Comments

Transmittal 1 - Effect Determination

Tribal Consultation

Tribal Response - Seneca Nation.pdf

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

Underserved Populations

Census Mapping.pdf

HUD Resource Locator Map.pdf

Underserved Populations Documentation Form.pdf

Public Involvement

News Ad - Sharon Herald 05.21.2021.pdf



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News Ad - Warren Tribune 05.23.2021.pdf

News Article - News on the Green 06.16.2021.pdf

News Article - News on the Green 10.11.2020.pdf

News Article - News on the Green 12.22.2019.pdf

News Article - WKBN 06.19.2021.pdf

Project Website.pdf

Property Owner Notification Letters.pdf

Public Comments Received.pdf

Public Meeting Exhibits.pdf

Public Meeting Notification.pdf

Public Meeting Presentation.pdf

Public Notification Mailing List.pdf

Stakeholder Meeting Minutes or Notes.pdf

Stakeholder Notification.pdf

Permits

FEMA FIRM.pdf