



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

TRU Fairway Drive Bridge PID 115022

Environmental Document Level: C2

Approved: 8/9/2023

Prepared By: Eric Lopez

GPD Group

Phone: 614-314-7977

E-mail: elopez@gpdgroup.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

Project Information

PID: 115022

Project Sponsor: Cortland, City of

ODOT District: 4

Funding Source: Federal

Project Description:

The city of Cortland proposes to replace Bridge Number TRU-FRWAY-00083, Structure File Number (SFN) 7860011, three (3) existing 66" circular metal culverts, that carries Fairway Drive over Walnut Creek with a new 14' x 5' concrete box culvert in the city of Cortland, Trumbull County, Ohio. The project is located approximately 400 feet from the State Route 5-Warren Road/Fairway Drive intersection. Additional improvements proposed by this project include new headwalls, new wingwalls, existing storm sewer drainage pipe extensions, rock channel protection placement and concrete sealing/waterproofing.

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. During project construction, a single lane of traffic will be maintained, under a stop condition, to allow traffic to move through the construction zone. Road closures and detours will not be necessary to construct the project. Detailed construction updates will be posted within the project limits and on the city of Cortland webpage, <https://cityofcortland.org>, prior to the start of project construction. Access shall be maintained to all properties within and adjacent to the project construction limits for the duration of project construction. Substantial traffic disruptions are not expected during project construction.

The project will be constructed within the existing roadway right-of-way/easements.

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 roadway right-of-way/easements. Utilities will not be temporary or permanently removed to construct the project. Utilities impacted by the project include gas (Dominion Energy Ohio), electric (Ohio Edison), and fiber optics (Brightspeed). 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.

A Level 1 Ecological Survey Report (ESR) was completed for the project. During construction, the project will permanently impact approximately 0.001 acre of a Category 1 wetland, identified as Wetland 1. The project will also permanently impact and temporarily impact a total of approximately 102 feet of one (1) perennial stream, identified as Walnut Creek. Habitat for federal and state listed species will not be impacted during project construction. See the ecological and threatened/endangered species documentation for the project in the Project File/Ecological/Reports subsection, the Ecological tab and

the Permit Determination Request in the Project File/Permits/Waterways subsection.

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

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 agrees with the total project cost specified in the ODOT State Fiscal Years 2024 - 2027 Statewide Transportation Improvement Program (STIP).

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

Ellis STIP Details

Phase	Current STIP Reference
ENV	
CO	115022: 24-27 STIP



Phase	Current STIP Reference
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:

(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 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:

Present; No Coast Guard, Individual 404, and/or Section 10 Permit required

Waterways Permit Type:

Permit Determination and/or Permit Application Approval Pending



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Isolated Wetland Permit No

Will any wetlands be impacted? Yes

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 located within 1,000 feet of a designated Scenic River.

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 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

The project will not impact Section 4(f) property.

Section 6(f)

Section 6(f): Not present

Cultural Resources

Cultural Resources: Not Present

**Cultural Resources Coordination - ODOT Approval/SHPO
Concurrence Date** 03/28/2023

Cultural Resources Remarks



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The Section 106 Records Check determined the project will not involve any architectural resources (OHIs) or known archaeological sites (OAIs). No historic properties listed on or determined eligible for listing on the National Register of Historic Places are found in the proposed construction area or the area of potential effects (APE). In accordance with Stipulation V(C)(1) and Appendix A of the Section 106 Programmatic Agreement executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, ODOT has determined that the proposed project is a type of undertaking that has 'minimal potential to cause effects' to historic properties and is not a part of a larger undertaking. See cultural resources 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:

Regulated Materials

Air Remarks

No air quality studies or coordination are needed for this project. Project falls under 40CFR93.126 under "Projects that correct, improve, or eliminate hazardous locations or features".

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:

05/19/2023

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 on May 19, 2023, a determination was made 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.

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
158475	14	23

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

Public Involvement:

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

Public Involvement Remarks

The city of Cortland conducted various public involvement activities for the project, including a press release, website posting 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 performed 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



Ecological

Wetlands

ESR Name:	Wetland ID:	Hydrologic connection:	Wetland category:	Estimated total size (ac.):	Total estimated impact area by alternative (ac.):
TRU-Fairway Drive Bridge	Wetland 1	Adjacent	Category 1	0.01	0.001

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

Total impact to all wetlands (ac.): 0.001

Total acres of non-isolated wetlands impacted: 0.001

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 Not Meet the Identified Needs of the Project.

Include justification supporting the decisions noted above:

The replacement of the existing metal culverts with a concrete box culvert will impact 0.001 acre of Wetland 1, as outlined in the Level 1 ESR. Changing the design will not meet the identified needs of the project or correct safety hazards. Impacts to the Wetland 1 is minimal and will not result in permanent modification of the wetland as a whole.

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



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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:

During the design phase, impacts to wetlands have been minimized as much as possible. All practicable measures will be implemented to avoid additional wetland impacts during the construction of this project.



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Environmental Commitments

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1) Do not perform any work within the jurisdictional boundaries of any waterway, including wetlands, until the city of Cortland obtains the necessary waterway permit(s). Work includes placement of any temporary or permanent fills.



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Preparers and Approvals

Form Preparer: Eric Lopez
GPD Group
1801 Watermark Drive Suite 150, Columbus OH 43215
614-314-7977
elopez@gpdgroup.com

Supporting Form Preparer(s): Christine Surma
Sean Carpenter

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	8/9/2023



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

Records Check.pdf

Section 106 Scoping Request Form.pdf

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Other Resources

Sole Source Aquifer Mapping.pdf

Urbanized Area Map.pdf

Water Source Protection Area Map.pdf

Environmental Justice

Census Mapping.pdf

Public Involvement

City of Cortland Website Posting.pdf

Press Release.pdf

Property Owner Notification Letter.pdf

Public Involvement Exhibit.pdf

Public Notification Mailing List.pdf

Stakeholder Contact List.pdf

Permits

FEMA FIRM.pdf