



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

GEA County-wide Safety Projects PID 110164

Environmental Document Level: C2

Approved: 2/25/2020

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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 June 6, 2018, and executed by FHWA and ODOT.

Table of Contents

C2.....	3
Environmental Commitments.....	8
Preparers and Approvals.....	9
Appendix.....	11



Environmental Document Level: C2
PID 110164 GEA County-wide Safety Projects
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C2

PID:	110164
Project Sponsor:	GEAUGA COUNTY ENGINEER
ODOT District:	12
Funding Source:	Federal
Private Funding:	No
Project Description:	



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PID 110164 GEA County-wide Safety Projects

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The Geauga County Board of Commissioners and Geauga County Engineer's Office have partnered with the Northeast Ohio Areawide Coordinating Agency (NOACA) and the Ohio Department of Transportation (ODOT) to improve safety for motorized vehicles, buggies, pedestrians and other forms of transportation in Geauga County. The following safety based countermeasures are proposed, which will complement planned improvements on SR 608 and on SR 87:

- Reconstruct Newcomb Road from Tavern Road (SR 168) to Shedd Road with asphalt pavement and 4 foot shoulders
- Shoulder widening on Mumford Road (Patch Road to SR 168) and on SR 168 (Patch Road to Shedd Road)
- Six advanced warning detection systems
- An intersection conflict warning system (SR 608 at Burton-Windsor Road)
- A traffic signal (Hayes at SR 87)
- Upgrade signing for about 43 school zones

In addition, pedestrian warning signs will be added to various locations throughout the County.

The project will include replacing the culvert GEA-168-04.10 on Tavern Rd (SR-168) between Patch Road and Mumford Road. Work will also include widening the shoulders for pedestrian traffic by enclosing the ditch line.

The proposed project will not restrict access to or permanently incorporate land into a transportation facility or temporarily occupy land from the Chickagami Park that is located adjacent to the proposed project area. No Section 4(f) coordination is required in accordance with 23 CFR 774. Review of mapping and field review did not identify any other Section 4(f) resources in the project vicinity.

Ecological resources within the construction limits include 0.82 acre of suitable wooded habitat (SWH) within 100 feet of the edge of pavement. Six streams, three wetlands, and four jurisdictional ditches were identified within the construction limits during the field visit and will be impacted for the proposed project. No cultural resources, hazardous materials, farmland, no noise or air quality impacts, or impacts to underserved populations are associated with this project.

Review of the LWCFcoalition.org website did not identify any Section 6(f) sites within the project vicinity. The Geauga County sites list is included in Project File/Section 6(f)/Project Information/.

ODOT approved the project under Appendix A as having minimal potential to cause effect to historic properties and as not part of a larger undertaking on 1/15/2020. The Cultural Resources Tab has been completed.

A Waterway Permit Determination will be required prior to filing the project.

Funding:

- Preliminary engineering detailed design: 80% state \$268,997.60; 20% local \$67,249.40; Total \$336,247
- Preliminary engineering environmental: 80% state \$931,002.40; 20% local \$232,750.60; Total \$1,163,753
- Right of way: \$0



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- Construction: 100% state \$9,651,000

The C2 approval is based on Stage 2 Design plans. Plans are included in Project File/General/Project Information/Stage 2 Design.pdf.

STIP Reference #

SLI Ref ID 9 (CO); SLI Ref ID 16
(DD & ENV)

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 (e) 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.)*

In accordance with 23 CFR 771.117(e), the proposed project cannot be processed as a C2 CE, if it involves - a. Acquisition of more than a minor amount of right-of-way b. Residential or non-residential displacements c. A Coast Guard, Individual Section 404 and/or a Section 10 permit d. A Section 106 finding of Adverse Effect e. A Section 4(f) Programmatic or Individual Evaluation f. A finding of May Affect, Likely to Adversely Affect to Threatened and Endangered Species g. Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions h. Changes in access control 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) 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 k. No minor public or agency controversy on environmental grounds (no opposition from any organized groups or agencies and no unresolved environmental coordination) 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	No
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	01/22/2020



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):

Present; No Impacts and/or Access Restrictions

Section 6(f):

Not present

Cultural Resources:

Not Present

Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date

01/15/2020

Since no Tribe was interested in this project based on their customized preferences, no further Tribal consultation was conducted.

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:

No

Noise:

Studies Not Required

Noise Coordination - OES Approval Date:

01/15/2020

Hazardous Materials - ESA Screening Conducted

Yes

Hazardous Materials - OES Approval Date:

02/14/2020

Phase I ESA Warranted Based on Coordination with OES:

No Further Studies Warranted

Farmland:

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

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



Environmental Document Level: C2
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Public Involvement:

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

Environmental Commitments

Yes



Environmental Commitments

C2

- 1) Tree Removal AMM 1: Modify all phases/aspects of the project (e.g., temporary work areas, alignments) to avoid tree removal in excess of what is required to implement the project safely.
- 2) Tree Removal AMM 2(a) (OH PBO: A-1). Time of year restrictions for tree removal when bats are not likely to be present - To avoid impacts to summer roosting bats, SWH will be cleared only between 1 October and 31 March, when the species would not be present.
- 3) Tree Removal AMM 3. Ensure tree removal is limited to that specified in project plans by clearly marking clearing limits. Ensure that contractors understand clearing limits and how they are marked in the field.
- 4) ODOT 2016 Construction and Materials Specifications (CMS) and ODOT Supplemental Specification (SS) 813, SS 832, and SS 913 will be followed as applicable to address the following AMMs: -Lighting AMMs - ODOT SS 813. -Dust Control AMM - ODOT CMS 616. -Water Quality, Wetland and Stream Protection AMMs o ODOT CMS 601, ODOT CMS 659, ODOT CMS 670, ODOT CMS 671, ODOT SS 832, ODOT Location and Design Manual, Volume 2; o projects will be developed in full compliance with Sections 404 and 401 of the Clean Water Act and/or Ohio's Isolated Wetland Law; o compensatory stream and wetland mitigation will be conducted when required, and in accordance with the USACE's Mitigation Rule and Ohio EPA's rules on Water Quality.
- 5) All wetland areas shall be indicated on the plans.
- 6) A plan note shall be added for the contractor to avoid any wetlands outside of the construction limits.
- 7) Wetland areas that are to be avoided shall be fenced off by the contractor.
- 8) The appropriate waterway permit will be obtained by Geauga County prior to any work within any wetlands or streams.



Preparers and Approvals

Form Preparer:

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Austin Clarridge
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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Mark Carpenter (TRANS ENGR 3)	2/25/2020



Appendix

Ecological

Coordination with ODNR and USFWS.pdf

General

County Map - 2.pdf

County Map.pdf

Noise

District Determination - No Noise Analysis Required.docx

Ecological

Ecological Review Form - Ecologically Exempt Project.pdf

General

Project Study Area Map -2 .pdf

Project Study Area Map.pdf

Ecological

USFWS Comments Consult Form GEA-County Wide Safety .pdf

General

USGS Quadrangle Topographical Map - 2.pdf

USGS Quadrangle Topographical Map.pdf

Ecological

Wetland Finding.pdf

Underserved Populations

Census Mapping.pdf

Permits

FEMA FIRM.pdf

Underserved Populations

LWCF Grant Listing.docx

Public Involvement

Press Release.pdf

Public Comments Received.pdf

Public Meeting Handouts.pdf



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PID 110164 GEA County-wide Safety Projects
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Public Meeting Sign In Sheet.pdf

Response to Public Comments.pdf

Stakeholder Comments - Ohio Highway Patrol.pdf