



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

GEA US 422 11.42 Safety PID 118988

Environmental Document Level: C2

Approved: 1/21/2026

Prepared By: District 12

Corey Czinger

Phone:

E-mail: Corey.Czinger@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.....	9
Preparers and Approvals.....	10
Appendix.....	11



C2

Project Information

C2 Section

PIDs	118988
Project Sponsor	ODOT Sponsoring Agency
ODOT District	12
Funding Source	Federal

Project Description:

Add a left turn lane with signal improvements on US-422 at Rapids Road in Troy Township.

The US Route 422 (US 422) at Rapids Road intersection is located 1.49 miles west of US Route 422 and the SR 700 intersection in Troy Township, Geauga County, Ohio. In 2015, the intersection of US 422 and Rapids Road was signalized to address safety concerns. In 2022, additional safety studies were conducted which suggested the construction of left turn lanes along US 422 at Rapids Road to reduce or eliminate the high rate of rear-end collisions. In 2025, an alternative evaluation report was prepared and submitted to the ODOT District 12 office for review. The Ohio Department of Transportation (ODOT) District 12 after reviewing the Alternative Evaluation Report Alternatives 1-3 from BG Engineering and evaluating public involvement including a public involvement meeting, ODOT District 12 recommends adopting Alternative 3. Alternative 3 provides symmetrical widening and adds a left-turn lane on US-422 at Rapids Rd in Troy Township. The ODOT District 12 recommended preferred alternative, Alternative 3, minimizes impacts through project length, right-of way, utilities, environmental, and construction costs for the project.

For Alternative 3, temporary and permanent ROW is required for this project. Approximately 1.434 acres total; 0.017 acres temporary and 1.327 permanent. 0.120 acres permanent from the Fox-Pope Farm property. Utility impacts are likely.

Construction will not require Maintenance of Traffic Plan (MOT).

Ecological impacts. Jurisdictional Ditch 1 (Tributary to Cuyahoga River), intermittent, WWH; 93 feet located in the Study Area, 93 feet of impacts. Jurisdictional Ditch 1 (Tributary to Cuyahoga River) will be impacted from the replacement of the culvert during construction. No scenic rivers within 1000-feet of the project. No bat habitat tree removal for this entire project, bat coordination not required. There is no suitable habitat for any other federally or state listed species within the project areas. ODOT has made the determination to proceed with the project as currently designed. All practicable measures have been considered and incorporated into the project design to minimize the impacts to Jurisdictional Ditch 1 (Tributary to Cuyahoga River) as best as possible. Permit Determination Request (PDR) is pending.



Cultural Resources - The Fox-Pope Farm property south of U.S. 422 and east of Rapids Road is listed in the National Register of Historic Places and is significant under agriculture, exploration/settlement, and architecture. The property played an important role in the dairy farming and cheese production activities of Geauga County. This all presents a good illustration of a historic farmstead. In addition, the setting and landscape features further contribute to the significance of the property and enable it to clearly communicate its historic associations. The proposed project could potentially take minimal right of way from the property.

The Consulting Party Forms were provided to the public on the Project Website and at the Open House. Consulting Party Forms were also provided via email to the nearby historical society's, Geauga Historical Society and Middlefield Historical Society. The Records Check, Consulting Party Coordination, Field Review Summary, SHPO Concurrence, and OES Section 106 Effect Determination can be found in the Project File Under Cultural Resources/Project Information and Coordination.

In accordance with 36 CFR 800.5(b) and the Section 106 Programmatic Agreement (*Agreement No. 38503*) executed June 29, 2023, ODOT-OES has determined a finding of "no adverse effect" is applicable to the project.

- The project will not adversely affect the Pope-Fox Farm listed in the NRHP [NR# 92000971].
- The ODOT Office of Environmental Services intends on making a Section 4(f) de minimis finding upon the Ohio SHPO concurrence with a finding of no adverse effect.
- No additional history/architecture properties listed in or determined eligible for listing in the NRHP will be affected by the project.
- No further archaeological investigations are warranted unless the scope of the project should change.

OES approval date 08/12/25. Questions may be addressed to Susan Gasbarro at Susan.Gasbarro@dot.ohio.gov or to Stanley Baker at Stanley.Baker@dot.ohio.gov.

The project is located in a regulated Zone A floodplain. This C2-level add a left turn lane with signal improvements with culvert repair/replacement project has such a remote chance of affecting base flood elevation that it is excluded from analysis. The FEMA Firm can be found in the Project File Under Permits/Floodplains.

Regulated Materials Review Screening was prepared by Corey Czinger, Environmental Specialist 3. Based on findings, no further Regulated Materials Review is required. Corey Czinger, Environmental Specialist 3, approved Regulated Materials Review on 01/14/2026.

The project type of 'adding a left turn lane with signal improvements with a culvert repair on US-422' is considered insignificant from an air quality conformity perspective, as per 40 CFR 93.126. Therefore, the project is exempt from air quality coordination.

The project is adding a left turn lane with signal improvements with a culvert repair on US-422 project. The project will not increase the traffic or traffic noise. Therefore, no noise analysis is required. The No Noise Analysis Required District Determination can be found in the Project File Under Noise/Project Information. District approval date 03/05/25.

No other environmental or hazardous materials will result from this project.

Property Owner Notification Letters were sent by ODOT on 06/24/2024. Additional Property Owner Notification Letters were sent out on 12/04/2024 to notify the residents of an Open House for the project being held on 01/09/2025. A press release was also sent out by ODOT on 12/09/24 to notify the public of the project and the Open House. News Articles from Chagrin Valley Today and News 5 reported about the project. The



Ohio Department of Transportation (ODOT) with BG Engineering hosted an open house meeting to further discuss the project on Thursday, January 9, 2025, at Adam Hall Community Center (11455 East Washington Street, Chagrin Falls, Ohio 44023) in Auburn Township from 5:30 7:30 PM; questions and comments about the social, environmental, and economic impacts of this proposed project were addressed to ensure it is viable and successful. Multiple responses were received from all public outreaches. The Property Notification Letters, Press Release, News Articles, and Open House Material can be found in the Project File Under Public Involvement/Project Information. ODOT has determined to proceed with the project as currently designed.

Construction: \$2,461,000.00: 90% federal and 10% state.

The project has been designed by BG Engineering.

The environmental documentation and associated studies are being approved using Stage 1 design. A copy of the plans is included in the project file.

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	118988: 26-29 STIP
CO	118988: 26-29 STIP
DD	118988: 26-29 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.)**

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 ROW (exceeds strip takes) b. Residential or non-residential displacements c. A U.S. Coast Guard permit or an Individual Section 404 permit under the Clean Water Act d. A Section 106 finding of Adverse Effect e. Section 4(f) impacts greater than de minimis 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. Substantial Community Impacts (if a Community Impact Assessment is required, contact OES for guidance). 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

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 No scenic rivers within 1000-feet of the project.

Floodplains

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

Floodplain Remarks

The project is located in a regulated Zone A floodplain. This C2-level add a left turn lane with signal improvements with culvert repair/replacement project has such a remote chance of affecting base food elevation that it is excluded from analysis. The FEMA Firm can be found in the Project File Under Permits/Floodplains.

Section 4(f)

Section 4(f): Not present

Section 4(f) Remarks

No Section 4(f) resources are present within the project area.

Section 6(f)

Section 6(f): Not present

Cultural Resources

Cultural Resources: Present; No Finding of Adverse Effect

Cultural Resources Coordination: No Adverse Effect



Cultural Resources Remarks

Cultural Resources - The Fox-Pope Farm property south of U.S. 422 and east of Rapids Road is listed in the National Register of Historic Places and is significant under agriculture, exploration/settlement, and architecture. The property played an important role in the dairy farming and cheese production activities of Geauga County. This all presents a good illustration of a historic farmstead. In addition, the setting and landscape features further contribute to the significance of the property and enable it to clearly communicate its historic associations. The proposed projection could potentially take minimal right of way from the property. The Consulting Party Forms were provided to the public on the Project Website and at the Open House. Consulting Party Forms were also provided via email to the nearby historical society's, Geauga Historical Society and Middlefield Historical Society. The Records Check, Consulting Party Coordination, Field Review Summary, SHPO Concurrence, and OES Section 106 Effect Determination can be found in the Project File Under Cultural Resources/Project Information and Coordination.

In accordance with 36 CFR 800.5(b) and the Section 106 Programmatic Agreement (*Agreement No. 38503*) executed June 29, 2023, ODOT-OES has determined a finding of "no adverse effect" is applicable to the project.

- The project will not adversely affect the Pope-Fox Farm listed in the NRHP [NR# 92000971].
- The ODOT Office of Environmental Services intends on making a Section 4(f) de minimis finding upon the Ohio SHPO concurrence with a finding of no adverse effect.
- No additional history/architecture properties listed in or determined eligible for listing in the NRHP will be affected by the project.
- No further archaeological investigations are warranted unless the scope of the project should change.

OES approval date 08/12/25. Questions may be addressed to Susan Gasbarro at Susan.Gasbarro@dot.ohio.gov or to Stanley Baker at Stanley.Baker@dot.ohio.gov.

**Tribal Consultation
 Summary/Remarks:**

No comments or objective received within 30 days.

Environmental Resources Considered

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

Air Quality

Noise

Regulated Materials

Air Quality:

Studies Not Required

Air Quality - Coordination with OES:

No

Air Remarks

The project type of 'adding a left turn lane with signal improvements with a culvert repair on US-422' is considered insignificant from an air quality conformity perspective, as per 40 CFR 93.126. Therefore, the project is exempt from air quality coordination.

Noise:

Studies Not Required

Noise - Coordination with OES

No

Noise Remarks



Environmental Document Level: C2
PID 118988 GEA US 422 11.42 Safety
Submitted for Approval Printed 1/21/2026

The project is adding a left turn lane with signal improvements with a culvert repair on US-422 project. The project will not increase the traffic or traffic noise. Therefore, no noise analysis is required. The No Noise Analysis Required District Determination can be found in the Project File Under Noise/Project Information. District approval date 03/05/25.

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: 01/14/2026

Regulated Materials Review Remarks:

Regulated Materials Review Screening was prepared by Corey Czinger, Environmental Specialist 3. Based on findings, no further Regulated Materials Review is required. Corey Czinger, Environmental Specialist 3, approved Regulated Materials Review on 01/14/2026.

Public Involvement

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

Public Involvement Remarks

Property Owner Notification Letters were sent by ODOT on 06/24/2024. Additional Property Owner Notification Letters were sent out on 12/04/2024 to notify the residents of an Open House for the project being held on 01/09/2025. A press release was also sent out by ODOT on 12/09/24 to notify the public of the project and the Open House. News Articles from Chagrin Valley Today and News 5 reported about the project. The Ohio Department of Transportation (ODOT) with BG Engineering hosted an open house meeting to further discuss the project on Thursday, January 9, 2025, at Adam Hall Community Center (11455 East Washington Street, Chagrin Falls, Ohio 44023) in Auburn Township from 5:30 7:30 PM; questions and comments about the social, environmental, and economic impacts of this proposed project were addressed to ensure it is viable and successful. Multiple responses were received from all public outreaches. The Property Notification Letters, Press Release, News Articles, and Open House Material can be found in the Project File Under Public Involvement/Project Information. ODOT has determined to proceed with the project as currently designed.

Environmental Commitments

Environmental Commitments Yes



Environmental Commitments

C2

1) The shrubs remove with the R/W on the southeast corner of the intersection must be reimbursed through the R/W process. The owner will install the new shrubs outside of the R/W.



Preparers and Approvals

Form Preparer

District 12
Contact: Corey Czinger
Corey.Czinger@dot.ohio.gov

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Thomas Sorge (PROGRAM ADMIN 3)	1/21/2026



Appendix

Noise

No Noise Analysis Required - District Determination .pdf

Cultural Resources

Consulting Party Acceptance Letters.pdf

Consulting Party Forms Email to Historical Societies.pdf

Consulting Party Forms.pdf

National Register of Historic Places Fox Pope Farm 92000971.pdf

Phase I Archaeology .docx

Records Check.pdf

SHPO Comments

Transmittal 1 - Effect Determination

Tribal Consultation

Ecological

ESR Appendices.pdf

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Public Involvement

News Article - Chagrin Valley Today.pdf

News Article - News 5.pdf

Open House Handouts Material.pdf

Open House Presentation.pdf

Open House Sing-In Sheet.pdf

Press Release.pdf

Property Owner Notification Letters 2.pdf

Property Owner Notification Letters.pdf

Permits

FEMA FIRMS.pdf