



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **CUY SR 008 0.52 Pedestrian PID 120247**

**Environmental Document Level: C2**

**Approved: 10/1/2024**

**Prepared By: Beth Fulton**

Chagrin Valley Engineering, LTD

Phone: 216-346-1503

E-mail: [fulton@cvelimited.com](mailto:fulton@cvelimited.com)

District Contact: Mark Carpenter

Phone: 216-584-2089

E-mail: [Mark.Carpenter@dot.ohio.gov](mailto:Mark.Carpenter@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.....	8
Preparers and Approvals.....	9
Appendix.....	10



## C2

### Project Information

<b>PID:</b>	120247
<b>Project Sponsor:</b>	WALTON HILLS
<b>ODOT District:</b>	12
<b>Funding Source:</b>	Federal

### C2 Section

#### Project Description:

The Village of Walton Hills and Ohio Department of Transportation (ODOT) proposes to construct 5' wide sidewalks along Northfield Road (SR 8) from the southern limit of the rail bridge over Norfolk Southern to Alexander Road. The project will install sidewalks along the west side of Northfield Road from the southern bridge abutment to Hannan Parkway where a pedestrian crossing with a Rectangular Rapid Flashing Beacon will be installed at the south side of the intersection to directly connect the industrial park employees to the bus stop across the street. Sidewalk will continue along both sides of Northfield Road to Alexander Road to provide connection to MGM Northfield Park. Minor curb repairs will be made.

Vehicular traffic will be maintained as the project improvements will be constructed behind the curb. Daily flagging operations will provide a work zone and vehicular traffic movements around the zone.

Sidewalk easements outside the existing R/W will be required.

This project will not have any adverse impacts to cultural resources and ecological resources.

There are no hazardous materials within the site and no activities such as deep excavation will be taking place.

There will be no in-water work, or work within wetlands, or pollinator initiative areas. There is no tree removal.

The Stage 2 construction cost estimate is \$1,058,700.

Federal funding through the Safety Program, will be utilized to pay for 90% of the R/W and construction cost, with a \$318,600 and \$345,500 maximum for each phase of the project. Costs in excess of this amount are the responsibility of the Village.

Public Involvement was completed during the project's development with a notification posted to the Village's website on May 23, 2024 (ahead of stated May 30th posting date) that provided a description of the work, schedule, cost and contact information for comments and questions. No comments were received during the over 30 day comment period.

Public Involvement Conclusion: No revisions to the design are anticipated based upon public comment and that the Village will proceed with the project as currently designed. Any comments received will be considered and revisions made only if necessary.

The C2 approval is based upon the Stage 2 plans which are included on the Project File tab under General/Project Information

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

### Ellis STIP Details



Phase	Current STIP Reference
RW	120247: 24-27 STIP
CO	120247: 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.)**

**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

**The identified Federally Listed Species for the project received an effect determination of No Effect.**

### Endangered Species Remarks:

No impacts to Protected Species or Critical Habitat

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

### Scenic Rivers Remarks

No scenic rivers will be impacted as a result of this project.

## Floodplains

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

### Floodplain Remarks

The project is not within any Special Flood Hazard Zone.

## Section 4(f)

**Section 4(f):** Not present

### Section 4(f) Remarks

No Section 4(f) properties will be affected by the construction of this project.

## Section 6(f)

**Section 6(f):** Not present

## Cultural Resources

**Cultural Resources:** Present; No Finding of Adverse  
Effect

**Cultural Resources Coordination:** Minimum Potential to Cause Effect  
Appendix B

**Cultural Resources Coordination - ODOT Approval/SHPO  
Concurrence Date** 08/01/2024

### Cultural Resources Remarks



**Environmental Document Level: C2**  
PID 120247 CUY SR 008 0.52 Pedestrian

Approved: 10/1/2024

Smith & Oby Mechanical Contractors is located at 7676 Northfield Road (southwest corner of the Northfield/Alexander intersection), which is adjacent/front row to the project limits and new curb ramp at that corner of the intersection. It is newly listed on the OHI as depicted on Reference Documents located in Project File/Cultural Resources/Project Information - Records Check.pdf and Records Check.xls.

The project will not have any impacts to this property/resource.

## Environmental Resources Considered

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

### Regulated Materials

#### Air Remarks

Project is exempt from analysis of both CO, PM10, and Ozone due to state funding. The project is exempt from PM2.5 analysis per 40 CFR 93.126 (Highway Safety Improvement Program Implementation - sidewalks).

The purpose of this project is construct sidewalks along Northfield Road. This project has been determined to generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special mobile source air toxic (MSAT) concerns. As such, this project will not result in changes in traffic volumes, vehicle mix, basic project location, or any other factor that would cause a meaningful increase in MSAT impacts of the project from that of the no-build alternative. Moreover, Environmental Protection Agency (EPA) regulations for vehicle engines and fuels will cause overall MSAT emissions to decline significantly over the next several decades. Based on regulations now in effect, an analysis of national trends with EPA's MOVES3 model forecasts a combined reduction of over 76 percent in the total annual emissions rate for the priority MSAT from 2020 to 2060 while vehicle-miles of travel are projected to increase by 31 percent (Updated Interim Guidance on Mobile Source Air Toxic Analysis in NEPA Documents, Federal Highway Administration, January 18, 2023). This will both reduce the background level of MSAT as well as the possibility of even minor MSAT emissions from this project.

#### Noise Remarks

The project is neither a Type I or Type II project, thus exempt from noise analysis.

**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:**

05/30/2024

#### Regulated Materials Review Remarks:

An RMR screening was completed and determined that no further Regulated Material Review is necessary per RMR Flowchart.

## 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
390351941001	20	11

### Environmental Justice Remarks

Based on the mapping from the ODOT's TIMS, the minority and low income populations are 20% and 11% respectively.

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations or disparate impacts based upon the the attached mapping, and the answers to the questions above. 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, DOT Order 5610.2(a), and FHWA Order 6640.23A, no further analysis is required.

Based on the above findings an Environmental Justice Analysis Report (EJAR) is not required.

The Census mapping may be found in the project file under Environmental Justice.

### Public Involvement

#### Public Involvement:

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

### Public Involvement Remarks

In response to comments provided, the Village has decided to proceed with the project as designed.

### Environmental Commitments

#### Environmental Commitments

No



**Environmental Document Level: C2**  
PID 120247 CUY SR 008 0.52 Pedestrian  
Approved: 10/1/2024

## **Environmental Commitments**



**Environmental Document Level: C2**  
PID 120247 CUY SR 008 0.52 Pedestrian  
Approved: 10/1/2024

### **Preparers and Approvals**

**Form Preparer:**

Beth Fulton  
Chagrin Valley Engineering, LTD  
22999 Forbes Road, Suite B, Cleveland OH 44146-5667  
216-346-1503  
fulton@cvelimited.com

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Thomas Sorge (PROGRAM ADMIN 3)	10/1/2024



## **Appendix**

### **General**

Aerial Map.pdf

County Map.pdf

Stage 2 Design.pdf

USGS Quadrangle Topographical Map.pdf

### **RMR**

Regulated Materials Review Form.pdf

### **Cultural Resources**

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

Records Check.xls

### **Ecological**

ODNR Scenic River MOA Conditions

### **Environmental Justice**

Census Mapping.pdf

### **Public Involvement**

News Article.pdf