



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **CUY Lee Road (CR-8) PID 123386**

**Environmental Document Level: C2**

**Approved: 3/16/2026**

**Prepared By: Mark Carpenter**

Lawhon & Associates

Phone: 216-645-2587

E-mail: [mcarpenter@lawhon-assoc.com](mailto:mcarpenter@lawhon-assoc.com)

District Contact: Thomas Sorge

Phone: 216-584-2086

E-mail: [Tom.Sorge@dot.ohio.gov](mailto:Tom.Sorge@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**

**C2 Section**

|                        |                          |
|------------------------|--------------------------|
| <b>PIDs</b>            | 123386                   |
| <b>Project Sponsor</b> | Cuyahoga County Engineer |
| <b>ODOT District</b>   | 12                       |
| <b>Funding Source</b>  | Federal                  |

**Project Description:**

Cuyahoga County in partnership with ODOT will reconstruct and rehabilitate Lee Rd (CR-8) from Throckley Ave to Shaker Heights north corporation line in the cities of Cleveland and Shaker Heights, Cuyahoga county, Ohio. The project will implement a road diet for cycle track and bike lanes and install pedestrian hybrid beacons. Additional work includes signal modifications, streetscaping, lighting, curb, sidewalk, bridge deck patching, waterline replacement, sanitary relief sewer, and drainage improvements. ADA compliant facilities will be provided for the entire length of the project.

Construction is anticipated to start 08/01/2026 and take approximately 15 months, ending 10/15/2027.

Lee Road will be closed at times during construction. A detour that uses Van Aken Boulevard to Warrensville Center Road to Fairmount Boulevard is in the MOT section of the plans.

The project requires 0.444 acres of permanent right-of-way acquisition and 0.394 acres of temporary right-of-way acquisition. Right-of-way Impacts Exhibit is in Project File/General/Right-of-Way and Utility Involvement/R/W Impacts Exhibit.pdf.

An ESR was completed that identified 2 streams within the defined construction limits. The ESR assumed impacts equal to the lengths of the culvert pipes. However, Stage 3 plans show no work on the culverts or within the adjacent stream channels. Therefore, waterway permits are not required and permit determination request will not be prepared.

Section 6(f) was not found in or adjacent to the project area. LWCF Grant Listing and mapping are in Project File/Section 6(f)/Project Information/LWCF Grant Listing.pdf.

The project is in an urbanized area. See Census mapping in Project File/Other Resources/Farmlands/Census Urbanized Area Map.pdf.

This C2 Document is based on Stage 3 plans. Stage 3 plans are in Project File/General/Project Information/Stage 3 Design.pdf.

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

**Ellis STIP Details**

| Phase | Current STIP Reference |
|-------|------------------------|
| CO    | 123386: 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:** 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

**Will any wetlands be impacted?** No

**The following Federally Listed Species received an effect determination of May Affect, Not Likely to Adversely Affect:**

| Species Common Name     | Species Scientific Name | Listing Status      | Most Recent Coordination Date |
|-------------------------|-------------------------|---------------------|-------------------------------|
| Indiana Bat             | Myotis sodalis          | Endangered          | 12/15/2025                    |
| Northern Long-eared Bat | Myotis septentrionalis  | Endangered          | 12/15/2025                    |
| Tricolored Bat          | Perimyotis subflavus    | Proposed Endangered | 12/15/2025                    |



The following Federally Listed Species received an effect determination of No Effect:

| Species Common Name | Species Scientific Name  | Listing Status     | Most Recent Coordination Date |
|---------------------|--------------------------|--------------------|-------------------------------|
| Bald Eagle          | Haliaeetus leucocephalus | Species of Concern | 12/15/2025                    |
| Piping Plover       | Charadrius melodus       | Endangered         | 12/15/2025                    |
| Rufa Red Knot       | Calidris canutus rufa    | Threatened         | 12/15/2025                    |

**Endangered Species Remarks:**

Coordination was completed with USFWS and ODNR, based on the review there will be impacts to suitable wooded habitat for the federally endangered Indiana bat, northern long-eared bat, and tricolored bat species and state listed little brown bat species. Due to these impacts tree removal will only occur between October 1 and March 31.

The ESR identified 2 streams and assumed impacts within construction limits equal to the lengths of the culvert pipes. However, based on Stage 3 design, there is no work on the culverts or within the adjacent streams, therefore, waterway permits are not required. A Permit Determination Request (PDR) will not be prepared.

**Scenic Rivers**

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

**Scenic Rivers Remarks**

No Scenic Rivers within the project limits.

**Floodplains**

**100-Year Floodplain:**

Encroachment Within the SFHA is a  
 Functionally Dependent Use

**EO 11988 Compliance Met**

Yes

**NFIP Coordination and Documentation Completed**

Yes

**NFIP Local Floodplain Coordinator Notification Date:**

01/15/2026

**Floodplain Remarks**

Coordination with the local floodplain administrator determined that a floodplain permit was required for the project. An online floodplain permit application was completed and submitted to the City of Shaker Heights Floodplain Administrator on January 15, 2026. Stage 3 plans were submitted along with the permit application. No impacts to the base flood elevation are anticipated. The permit is currently pending. Floodplain permit conditions will be incorporated into the final plans. The coordination emails and permit application receipt from the City of Shaker Heights are in Project File/Permits/Floodplains/Coordination with Local Floodplain Administrator.pdf.

**Section 4(f)**

**Section 4(f):**

Present; No Impacts and/or Access  
 Restrictions

**Section 4(f) Remarks**



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A review of the project identified City of Shaler Heights property adjacent to the project area. There are right-of-way impacts to the Shaker Heights Library, City Courthouse, and City Police Station. Review of the properties determined that these properties are not used for public recreation. Therefore, Section 4(f) does not apply to the city owned property in the project area. A Section 4(f) Identification document was prepared and is in Project File/Section 4(f)/Reports/Section 4(f) identification.pdf.

ODOT-OES Cultural Resources Section 4(f) decision document dated 12/15/2025 is in Project File/Cultural Resources/Coordination/OES Cultural Resources 4(f) Determination.pdf. It states:

*This email confirms a Section 4(f) De Minimis finding is applicable to the undertaking CUY Lee Road (CR-8) (PID 123386) and the Shaker Village Historic District (NR#s 84003650/00001557). This project includes roadway reconstruction and installation of a two-way separated cycle track for 0.67 miles of Lee Road from Throckley Avenue to Van Aken Boulevard and roadway rehabilitation and installation of bike lanes for 1.21 miles of Lee Road from Van Aken boulevard to Shaker Heights north corporation line in the Cities of Cleveland and Shaker Heights. Additional work includes landscaping, streetscaping, traffic signal replacements and modifications, drainage improvements, bridge repairs, pedestrian lighting, signing and pavement marking upgrades, and curb, sidewalk and drive apron replacements. ADA compliant facilities will be provided for the entire length of the project. The project also includes the installation of a new sanitary relief sewer from Scottsdale Boulevard to Chagrin Boulevard and water main from Throckley Avenue To Chargin Boulevard. The project requires 0.444 acres of permanent right-of way acquisition and 0.394 acres of temporary right-of-way acquisition.*

*The project is partially located within the Shaker Village Historic District (84003650/00001557). The historic district is a significant example of a planned suburban community that integrated architectural standards, landscaping, and public transportation. Permanent and temporary right of-way will be required from the Shaker Village Historic District for construction and to bring existing sidewalks into the right-of-way. Two stone curbs, one located at the intersection of Lee Road and Parkland Boulevard and one located at the intersection of Lee Road, South Woodland Road, and Andover Road, as well as a small stone wall and light post associated with the Stephanie Tubbs Jones Community Center located at 16500 Van Aken Boulevard, and approximately 14 stone slabs from the intersection of Lee Road with Aldersyde Road, Parkland Drive, South Woodland Road, and South Park Road will be removed. The stone curbs are non contiguous and are considered remnant and non-contributing. The light and stone wall are of unknown age and association, as they sit at the intersection of landscaping associated with the 1920 Stephanie Tubbs Jones Community and the 1950 Shaker Heights Public Library located on the same parcel. Removal of the stone sidewalk slabs is necessary for the installation of ADA compliant ramps at roadway intersections.*

*On November 21, 2025, in accordance with 36 CFR Section 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 undertaking and the Shaker Village Historic District (84003650/00001557). SHPO concurred with this finding via email on December 15, 2025. ODOT-OES notified Ohio's State Historic Preservation Office (SHPO) of their intent to apply a Section 4(f) De Minimis finding to the undertaking and the NRHP listed historic district. In accordance with 36 CFR part 774, a Section 4(f) De Minimis finding is applicable to the undertaking CUY Lee Road (CR-8) (PID 123386) and the Shaker Village Historic District (NR#s 84003650/00001557).*

**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** 12/15/2025

**Cultural Resources Remarks**



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On 11/21/25, In accordance with 36 CFR 800.5(b) and the Section 106 Programmatic Agreement (*Agreement No. 38305*) executed June 29,2023, ODOT/OES determined a finding of "no adverse effect" is applicable.

A Section 106 Informal 15-Day Review transmittal was submitted to SHPO on 11/21/25 also. There were several email correspondences with additional information between ODOT, Consultants, City of Shaker Heights, and SHPO over the next couple of weeks. The email correspondences and additional information are in the Project File/Cultural Resources/Coordination.

On 12/15/25, OHPO concurred that the that there will be no adverse effect on historic resources with the following commitments:

1. Fourteen (14) trees that are to be removed from within the Shaker Village Historic District shall be replaced with the same species - i.e. elm for elm - in order to retain that character defining feature within the district.
2. The stone sidewalk slabs that are removed will be salvaged for the City to use on future projects. The removed stone slabs will be delivered by the contractor to the City of Shaker Heights Public Works Department.

The 12/15/2025 SHPO concurrence email is in Project File/Cultural Resources/Coordination/SHPO Concurrence.pdf.

**Tribal Consultation Summary/Remarks:**

Delaware Nation, Delaware Tribe of Oklahoma, Miami Tribe of Oklahoma, and the Shawnee Tribe were notified on 11/21/2025. No comments or objections were received during the 30-day public comment period.

**Environmental Resources Considered**

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

Regulated Materials

Farmland

**Air Remarks**

Review of the project determined no air quality impacts. See Air Quality Flowchart in Project File/Air/Coordination/District Determination - No Air Analysis Required.pdf.

**Noise Remarks**

Review of the project determined no noise impacts. See Noise Flowchart in Project File/Noise/Coordination/District Determination - No Noise Analysis Required.pdf.

**The project involves ROW acquisition, Deep Excavation, or OEPA 513 Landfill Authorization:** Yes - Screening

**Regulated Materials Review Screening:**

Plan Note Required

**Regulated Materials Review Screening - DEC/OES Approval Date:** 03/13/2026

**Regulated Materials Review Remarks:**



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A RMR Screening was prepared. The RMR Screening recommended that plan notes be developed and included in the plans to address regulated materials for the following sites:

- RM-020 located at 16500 Van Aken Blvd,
- RM-022 located at 3427 - 3443 Lee Road,
- RM-029 located at 3516 Lee Road & 16500 Chagrin Blvd.
- RM-032 located at 4000 Lee Road,
- RM-035 located at 3600 Lee Road,
- RM-037 located at 3620 Lee Road,
- RM-042 located at 3630 Lee Road,
- RM-044 located at 3644 Lee Road,
- RM-048 located at 3746 Lee Road.

**Farmland:**

Urbanized Area; No Impacts in  
 Accordance With the Farmland MOU  
 and 7 CFR 658

**Public Involvement**

**Public Involvement:**

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

**Public Involvement Remarks**

The design team created the Lee Road engagement plan to facilitate communication between the affected community and the design team. In spring of 2025 the project website was opened at this link: [Re-envisioning Lee Road | Shaker Heights, OH](#). Three stakeholder events were held between February 11, 2025, and April 24, 2025. Two community workshops were held. The first on June 7 and June 8, 2025, with an asynchronous option afterwards. The second one was the final in-person open house held on October 29, 2025. All feedback was recorded and can be found in the Project File/Public Involvement/ Project Information/ Public Involvement Engagement Summary.pdf. No written comments were received from these PI activities. All verbal comments made at in-person events were addressed verbally at the time.

Comments received at the community workshop:

1. Pedestrians are not visible to drivers when crossing on the southside of Lomond Drive.  
 Response: Leading pedestrian intervals have been incorporated into the design to protect pedestrians at this location.
2. Request for "Do Not Block Drive " signs near Shaker Boulevard.  
 Response: Based on engineering design and standards, signs are not recommended in this location.

A copy of the website is in Project File/Public Involvement/Project Information/Project Website - Lee Road.pdf.

**Public Involvement Conclusion:** Based on public involvement activities, leading pedestrian intervals have been incorporated into the design. The County has decided to proceed with the project as currently designed.

**Environmental Commitments**

**Environmental Commitments**

Yes



## Environmental Commitments

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- 1) Designer will develop plan notes to address regulated materials for the following sites: RM-020 located at 16500 Van Aken Blvd, RM-022 located at 3427 - 3443 Lee Road, and RM-029 located at 3516 Lee Road & 16500 Chagrin Blvd, RM-032 located at 4000 Lee Road, RM-035 located at 3600 Lee Road, RM-037 located at 3620 Lee Road, RM-042 located at 3630 Lee Road, RM-044 located at 3644 Lee Road, and RM-048 located at 3746 Lee Road.
- 2) The County will obtain the floodplain permit and incorporate the permit into design prior to plan file.
- 3) The designer shall include the following plan note: Ensure impacts to the federally listed and protected Indiana bat and northern long-eared bat and the State listed and protected little brown bat and tricolored bat are avoided and minimized. Do not remove trees from [April 1 through September 30]. Perform all necessary tree removal from [October 1 through March 31]. Demarcate clearing limits in the field to avoid any unauthorized tree clearing. 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.
- 4) SHPO: The designer shall develop a plan that directs the contractor to carefully remove stone slab sidewalks intact and deliver them to the City of Shaker height Public Works Department for storage and reuse on future City projects.
- 5) SHPO: Fourteen (14) trees that are to be removed from within the Shaker Village Historic District shall be replaced with the same species - i.e. elm for elm - in order to retain that character defining feature within the district.



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### Preparers and Approvals

**Form Preparer:** Mark Carpenter  
Lawhon & Associates  
1441 King Avenue, Columbus OH 43212  
216-645-2587  
mcarpenter@lawhon-assoc.com

**Supporting Form Preparer(s):** Thomas Sorge  
Grace Kleinhenz  
Matthew Pastorelle

### Approvals & Electronic Signatures

| Approved & Electronically Signed By: | Approval Date: |
|--------------------------------------|----------------|
| Thomas Sorge (PROGRAM ADMIN 3)       | 3/16/2026      |



## Appendix

### General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

### Air

District Determination - No Air Analysis Required.pdf

### Noise

District Determination - No Noise Analysis Required.pdf

### Cultural Resources

Records Check.pdf

SHPO Comments

SHPO Concurrence.pdf

Transmittal 1 - Effect Determination

Tribal Consultation

### Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

### Other Resources

Census Urbanized Area Map.pdf

Water Source Protection Area Map.pdf

Well Log Data.pdf

### Section 4(f)

OES Cultural Resources 4(f) Determination.pdf

### Public Involvement

Public Involvement Engagement Summary.pdf

Public Involvement Websites.pdf

### Permits

Coordination with Local Floodplain Administrator.pdf

FEMA FIRM.pdf



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Local Floodplain Administrator Approval.pdf