



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

CUY IR 490 00.00 Major Rehab PID 107408

Environmental Document Level: C2

Approved: 4/17/2023

Prepared By: Cassandra Austin

Lawhon & Associates

Phone: 614-481-8600

E-mail: caustin@lawhon-assoc.com

District Contact: Mark Carpenter

Phone: 216-584-2089

E-mail: 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.

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C2

PID: 107408
Project Sponsor: ODOT SPONSORING AGENCY
ODOT District: 12
Funding Source: Federal

Project Description:

The Ohio Department of Transportation (ODOT) proposes to replace the pavement on I-490 from the I-90/490/71 interchange east to just west of E 55th Street in the City of Cleveland, Cuyahoga County. The project proposes full depth reconstruction of I-490 for 2.3 miles, including drainage, lighting, and signage improvements. The proposed project also includes the reconstruction of the interchange ramps at I-71, West 7th Street, Broadway Avenue, and I-77. Minor work to the bridge over the Cuyahoga River is also proposed and was designed under the CUY 490 1.00 (PID 25622) project. This work includes bridge deck and approach slab replacement/repairs, drainage system cleaning/repairs, expansion joint repair/replacement, fence installation/repair and painting of certain structural steel elements.

Permanent and temporary right-of-way will not be required to construct the 107408 roadway project; Minor amounts of permanent and temporary right-of-way will be required to construct the 25622 bridge project. Total takes and/or relocations are not proposed to construct the project. Utility relocations are anticipated however will be coordinated with the individual representatives. Utility coordination was initiated, and a copy of the coordination conducted to date can be found in the Project File/General/Right-of-Way and Utility Involvement.

During construction, road closures on I-490 and the associated ramps are expected, however a minimum of two lanes in each direction on I-490 will be maintained throughout construction. Ramp detours will be provided on adjacent side streets, while any interstate detours will be provided via I-77, I-480, and State Route 176. Access to all properties will be maintained during all phases of construction.

The Cuyahoga River was identified within the project study area during the ecological survey. No identified streams will be impacted. Approximately 0.06-acre of suitable wooded habitat (SWH) for the federally protected Indiana bat and northern long-eared bat will be impacted. No other known populations of other federally listed species, state listed species, or Unionid mussels will be impacted by this project. See the ecological documentation for the project in the Ecological tab and ESR section.

Cultural resource investigations did not identify any culturally sensitive resources within the project footprint. In accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, on January 25, 2023 ODOT-OES 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. No further investigations were warranted. Cultural resource documentation for the project is in the Cultural Resources tab.

Based on information contained in the RMR Form prepared for the project, further environmental site assessment or special materials management is not warranted for the project. On April 5, 2023, ODOT-OES concurred that no further investigation or material management was required for the project. See the RMR documentation in the Project File/ESA Section.

Although the project is located within a regulated floodplain, no impacts to floodplains are proposed.



The proposed project will not permanently incorporate or temporarily occupy land from or restrict access to the Ohio and Erie Canal Towpath Trail in Tremont which is located adjacent to the project area. No further coordination for Section 4(f) is required in accordance with 23 CFR 774.

No other environmental, farmland, Section 6(f), or underserved population impacts will result from this project.

ODOT District 12 maintains a website with current and future projects listed, including the I-490 improvements. Additionally, a property owner notification letter was sent to adjacent residents and businesses on January 30, 2023, soliciting for comments. A majority of the comments received were concerning a pedestrian and cycling lane be added to the bridge. This is outside the scope of the 25622 project. The comments received were addressed in a response to comments completed by District 12. This documentation is in the Project File/Public Involvement Section/Project Information subsection.

The environmental document and associated studies were reviewed using the Stage 2 Design plans for the project. A copy of the Stage 2 Design plans for the project are in the Project File/General/Project Information subsection.

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

Ellis STIP Details

Phase	Current STIP Reference
PE Environmental	107408: 21-24 STIP
Right of Way	
Construction	107408: 21-24 STIP
PE Detailed Design	107408: 21-24 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 (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.)*

(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 -



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1. a. Acquisition of more than a minor amount of right-of-way
2. b. Residential or non-residential displacements
3. c. A Coast Guard, Individual Section 404 and/or a Section 10 permit
4. d. A Section 106 finding of *Adverse Effect*
5. e. A Section 4(f) Programmatic or Individual Evaluation
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. 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
Will any wetlands be impacted?	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	03/02/2023
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:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	Minimum Potential to Cause Effect Appendix B
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	01/25/2023

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:	04/12/2023
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	04/05/2023
Phase I ESA Warranted Based on Coordination with OES:	No Further Studies Warranted
Farmland:	Urbanized Area; No Impacts in Accordance With the Farmland MOU and 7 CFR 658
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 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
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Identified Environmental Justice Populations

Census Block Group #	% Minority	% Low Income
390351039001	77	77
390351041001	24	41
390351041002	78	91
390351044002	31	48
390351044001	31	51
390351042001	74	54



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390351048001	40	72
390359801001	0	0
390351105011	70	53

Environmental Justice Remarks

Based on mapping from TIMS, the minority populations are between 0% and 77% for the US Census Block Groups located within the project area and 0% and 91% of the population is designated as low income. The proposed project will have no disproportionately high and adverse effects to minority or low-income populations or disparate impacts based upon the table above, 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:

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

Environmental Commitments

Yes



Environmental Commitments

C2

1) The Project Designer shall incorporate the following note into the plans: NO TREES SHALL BE REMOVED UNDER THIS PROJECT FROM APRIL 1 THROUGH SEPTEMBER 30. ALL NECESSARY TREE REMOVAL SHALL OCCUR FROM OCTOBER 1 THROUGH MARCH 31. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO FEDERALLY AND STATE LISTED BAT SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. FOR THE PURPOSE 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.

2) 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.

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) ASBESTOS NOTIFICATION

A CERTIFIED ASBESTOS HAZARD EVALUATION SPECIALIST SURVEYED THE BRIDGE STRUCTURE SCHEDULED FOR DEMOLITION AND/OR REHABILITATION; THE SURVEY DETERMINED THAT NO ASBESTOS IS PRESENT ON THE BRIDGE STRUCTURE.

ODOT SHALL PROVIDE A COPY OF THE OHIO ENVIRONMENTAL PROTECTION AGENCY (OEPA) NOTIFICATION OF DEMOLITION AND RENOVATION FORM, PARTIALLY COMPLETED AND SIGNED BY THE BRIDGE OWNER, TO THE SUCCESSFUL BIDDER. THE CONTRACTOR SHALL COMPLETE THE FORM AND SUBMIT IT TO ONE OF THE ADDRESSES BELOW AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION.

ASBESTOS PROGRAM

OHIO EPA, DAPC

P.O. BOX 1049

COLUMBUS, OH 43216-1049 OR ASBESTOS PROGRAM

OHIO EPA, DAPC

50 W. TOWN ST., SUITE 700

COLUMBUS, OH 43215

THE CONTRACTOR SHALL PROVIDE A COPY OF THE COMPLETED FORM TO THE ENGINEER AT LEAST TEN (10) WORKING DAYS PRIOR TO THE START OF ANY DEMOLITION AND/OR RENOVATION. THE FORM SHALL INCLUDE: 1) THE CONTRACTORS NAME AND ADDRESS, 2) THE SCHEDULED DATES FOR THE START AND COMPLETION OF THE BRIDGE REMOVAL AND 3) A DESCRIPTION OF THE PLANNED DEMOLITION WORK AND THE METHOD(S) TO BE USED. COPIES OF THE OEPA FORM AND BRIDGE INSPECTION REPORT ARE AVAILABLE FOR REVIEW AT THE ODOT DISTRICT 12 OFFICE, 5500 TRANSPORTATION BOULEVARD, GAFFLED HEIGHTS, OHIO 44125.

BASIS FOR PAYMENT THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND MATERIAL NECESSARY TO COMPLETE AND SUBMIT THE OEPA NOTIFICATION FORM. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN: ITEM 202 PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN.



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Preparers and Approvals

Form Preparer: Cassandra Austin
Lawhon & Associates
1441 King Ave, Columbus OH 43212
614-481-8600
caustin@lawhon-assoc.com

Supporting Form Preparer(s): Cassandra Austin

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Mark Carpenter (TRANS ENGR 3)	4/17/2023



Appendix

General

Aerial Map.pdf
Correspondence Related to Utility Coordination.pdf
County Map.pdf
USGS Quadrangle Topographical Map.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B
Records Check.pdf
Section 106 Scoping Request Form.pdf

Ecological

ODNR Scenic River MOA Conditions
USFWS/ODNR Ecological MOA Conditions

Other Resources

Census Bureau Urbanized Area Map.pdf
Water Source Protection Area Map.pdf
Well Log Data.pdf

Environmental Justice

Census Mapping.pdf

Public Involvement

Email Public Comments and ODOT Responses.pdf
News Article - Plain Dealer.pdf
Press Release.pdf
Project Specific Website.pdf
Property Owner and Stakeholder Notification Letter.pdf
Public Involvement Summary.pdf
Public Notification and Stakeholder Mailing List.pdf
Website Public Comments and ODOT Responses.pdf

Permits

FEMA FIRM.pdf