



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 04
2088 SOUTH ARLINGTON RD. • AKRON, OH 44306 • 330-786-3100

Environmental Document

for

D04 BH FY2023 PID 105170

Environmental Document Level: C2

Approved: 3/7/2022

Prepared By: District 4

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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 December 14, 2020, and executed by FHWA and ODOT.

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PID:	105170
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Federal
Private Funding:	No
Project Description:	

The Ohio Department of Transportation (ODOT) proposes to perform maintenance on 22 bridge structures located along various interstate, U. S. and state routes in Ashtabula, Mahoning, Stark, Summit and Trumbull Counties. These proposed bridge maintenance activities involve the following bridges:

1. ATB-11-0046 (SFN: 0401064)
2. ATB-11-0150 (SFN: 0401072)
3. ATB-11-0250 (SFN: 0406406)
4. ATB-11-0399 (SFN: 0401099)
5. ATB-11-0629 (SFN: 0401102)
6. ATB-11-0740 (SFN: 0400297)
7. ATB-45-1914 (SFN: 0402560)
8. MAH-80-0026 (SFN: 5002141)
9. MAH-711-0026 (SFN: 5008166)
10. STA-30-1303L (SFN: 7607679)
11. STA-30-1445 (SFN: 7607806)
12. STA-62-0397 (SFN: 7601891)
13. STA-62-0468 (SFN: 7601999)
14. STA-62-1909R (SFN: 7602243)
15. STA-21-2130 (SFN: 7600666)
16. SUM-76-1650 (SFN: 7706723)
17. TRU-80-0340 (SFN: 7803605)
18. TRU-80-0347 (SFN: 7803699)
19. TRU-11-0796 (SFN: 7801807)
20. TRU-11-0926L (SFN: 7801831)
21. TRU-11-0957L (SFN: 7801866)
22. TRU-11-0959R (SFN: 7801890)

Proposed maintenance includes bridge approach slab, deck, substructure and parapet repair and sealing, expansion joint replacement and/or removal of above ground vegetation, as warranted, at all 22 bridge structure locations. As part of the project, steel beam repairs (beam heat straightening) will be performed on Bridge Structure No. ATB-11-0629 and STA-30-1303L, and existing pier piles at Structure No. STA-62-0468 will be encased in concrete. This project also proposes guardrail replacement, guardrail and barrier reflector replacement, new center/edge/other pavement marking applications and sign replacement within the project construction limits. Proposed bridge maintenance activities for each bridge location are specified in the Stage 3 Plan provided in Project File/General/Project Information subsection as *Stage 3 Plan.pdf*.

Mapping that depicts the bridge structure locations on United States Geological survey (USGS) 7.5-minute topographic quadrangle maps is included in the Project File/General/Project Information subsection as *USGS Quadrangle Topographical Map.pdf*.

A minimum of one lane will be maintained on all interstate, U. S. and state routes and a minimum of one bi-directional lane will be maintained on all local roads during project construction. Construction and lane restriction information will be posted at each structure location prior to the start of project construction. Access shall be maintained to all adjacent properties, businesses and intersecting side streets during project construction. Substantial traffic disruptions are not expected to construct the project.



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Based on the project scope of work, its Path 1 Project Development Process (PDP) Classification and the proposed maintenance of traffic measures, emergency/public services contact activities were not conducted for the project.

All proposed construction activities will be conducted within the existing road and highway rights-of-way.

Minor temporary relocations of existing utilities may be necessary to construct the project. These minor utility relocations will occur within existing roadway road and/or highway rights-of-way and/or utility easements. Utilities will not be permanently removed to construct the project. Coordination with the utility companies affected by the proposed construction activities will continue during the project detailed design phase.

The undertaking is limited to bridge preservation maintenance activities on 22 structures throughout Ashtabula County, Mahoning County, Trumbull County, Stark County and Summit County. No previously inventoried, OHI or OAI resources will be impacted by the undertaking. All effected bridges are not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010) and none are located within or in proximity of a historic district. The undertaking is a type that has minimal potential to cause effects to historic properties. No further coordination is required in accordance with the Section 106 Programmatic Agreement. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the Cultural Resources Tab.

Based on the information in the Regulated Materials Review (RMR) Form completed for the project, further RMR activities or special materials management are not warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports subsection.

The project proposes to impact 60 linear feet of stream channel (Sugar Creek) at the STA-62-0468 bridge location. The project will not result in impacts to wetlands. See stream and wetlands information for the project in the *Ecological Survey STA-62-4.68.pdf* Level 1 Ecological Survey Report, *Ecologically Exempt-D04-BH FY2022.pdf* and agency coordination documentation in the Project File/Ecological/Reports and Coordination subsections.

The project will result in removal of approximately 0.03-acre of suitable wooded habitat (SWH) for the federally-listed Indiana Bat (*Myotis sodalis*) and/or Northern Long-eared Bat (*Myotis septentrionalis*) species at the STA-62-0468 bridge location. The project may affect but is not likely to adversely affect these bat species. The project will have no effect on, or is not likely to impact, any other federally or state listed threatened and endangered species. See threatened and endangered species information for the project and agency coordination documentation in the Project File/Ecological/Reports and Coordination subsections.

ODOT District 4 Environmental Section personnel reviewed the FEMA FIRM for the project and determined the project encroaches within mapped special flood hazard areas (SFHAs). The project designer shall design the project to comply with all applicable Local, State, and Federal floodplain protection standards. The work being performed on STA-62-0468 within the Special Flood Hazard Area will require floodplain coordination. The ODOT Self-Permit process will be performed and documentation will be sent out to the appropriate Stark County Flood Plain Administrator in accordance ODOT Location & Design (L&D) Manual, Vol. II, Section 1005.1.4. Project flood plain impact information was made available to the public by posting of an explanation of flood plain impact information on the ODOT District 4 website. See the floodplains documentation for the project in the Project File/Permits/Floodplains subsection.

The project will not impact any other environmentally sensitive resources within the project study area.

The environmental document and associated studies, as applicable, were approved using the Stage 3 Design plans and final Right-of-Way plans for the project. Stage 3 Design and final right-of-way plan information for the project is included in the Project File/General/Project Information subsection.

The estimated total project cost specified in Ellis agrees with the total project cost specified in the ODOT State Fiscal Years 2021 - 2024 Statewide Transportation Improvement Program (STIP).

STIP Reference #:

105170: 21-24 STIP/SLI Group Project. Fiscal constraint is at SLI Group level.

Select the appropriate project type:

(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 -

1. a. Acquisition of more than a minor amount of right-of-way



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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	11/17/2021
Endangered Species - Critical Habitat Present/Impacted	
Indiana bat	
Northern long-eared bat	
Endangered Species - Other Critical Habitat Present/Impacted:	No
100-Year Floodplain:	Encroachment Within the SFHA is a Functionally Dependent Use
EO 11988/NFIP Coordination and Documentation Completed:	Yes



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NFIP Local Floodplain Coordinator Notification Date: 01/31/2022

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 A

Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date 01/18/2022

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:

Hazardous Materials - ESA Screening Conducted Yes

Hazardous Materials - OES Approval Date: 01/19/2022

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 Present; No UPIAR Required, Does Not Exceed UP Guidance Criteria, and No Issues Raised During Public Involvement

Identified Underserved Populations

Census Block Group #	% Minority	% Low Income	% Older Adults	% Limited English Proficiency (LEP)
390070010023	6	46	26	0
390070013023	12	61	20	1
390070014003	6	44	12	0
390070011011	1	25	25	0



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390070013011	15	51	7	3
390070013014	0	22	23	0
391559312001	0	28	14	0
391559319001	34	39	16	0
390998141002	60	92	13	5
390998127001	1	27	20	0
391535309032	4	26	12	0
391517112022	4	45	17	0
391517025002	0	41	30	0
391517025001	9	74	9	0
391517023001	50	82	8	0
391517148016	1	22	20	1
390998127002	6	25	27	0

Underserved Populations Remarks

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations or disparate impacts to a Title VI population. No concerns related to impacts on Environmental Justice or Title VI 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, FHWA Order 6640.23A and Title VI of the Civil Rights Act of 1964, no further analysis is required. See underserved population documentation for the project in the Project File/Underserved Populations/Project Information subsection.

Public Involvement:

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

Environmental Commitments

Yes



Environmental Commitments

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1) The project may result in removal of suitable wooded habitat for threatened and endangered bat species at the STA-62-0468 (SFN: 7601999) bridge location. The project designer shall incorporate following note into the plans.

ENDANGERED SPECIES HABITAT - INDIANA BAT/NORTHERN LONG-EARED BAT

THE PROJECT IS LOCATED WITHIN THE KNOWN HABITAT RANGES OF THE FEDERALLY LISTED AND PROTECTED INDIANA BAT AND NORTHERN LONG-EARED BAT. NO TREES SHALL BE REMOVED AT THE STA-62-0468 BRIDGE STRUCTURE 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 THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT. 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.

2) Mussels are present within project area and that the mussels will be impacted by the project. A relocation of the mussels will be conducted prior to the start of instream construction activities in Sugar Creek.

3) In-water work restriction dates are applicable to work within Sugar Creek at the STA-62-0468 (SFN: 7601999) bridge location. Unless the Contractor applies for and receives a waiver from ODNR and the USACE, the restrictions apply, and will be included in the Waterway Permit Special Provisions for the project.

The The project designer shall incorporate following note into the plans.

IN-WATER WORK RESTRICTION DATES - BRIDGE NO. STA-62-0468

THE CONTRACTOR SHALL NOT PERFORM WORK BELOW THE ORDINARY HIGH WATER MARK OF SUGAR CREEK DURING THE ODNR INSTREAM WORK RESTRICTION PERIOD OF APRIL 15 TO JUNE 30. IN-STREAM WORK IS DEFINED AS THE PLACEMENT AND/OR REMOVAL OF FILL MATERIALS (TEMPORARY OR PERMANENT) BELOW ORDINARY HIGH WATER OF THE STREAM OR RIVER. THE CONCRETE AND FORMS TO BE INSTALLED TO PERFORM THE BRIDGE PILE ENCASEMENT WORK ARE "FILL". OTHER EXAMPLES OF "FILL" INCLUDE, BUT ARE NOT LIMITED TO: BRIDGE PIERS, ABUTMENTS, CULVERTS, ROCK CHANNEL PROTECTION, SCOUR PROTECTION, AND TEMPORARY ACCESS FILLS. FILLS PLACED WITHIN SUGAR CREEK OUTSIDE OF THE RESTRICTION PERIOD CAN CONTINUE TO BE WORKED FROM/DURING THE WORK RESTRICTION DATES, BUT CANNOT BE EXPANDED, REMOVED, OR OTHERWISE MODIFIED (BELOW ORDINARY HIGH WATER) UNTIL ONCE AGAIN OUTSIDE OF THE WORK RESTRICTION DATES.

4) The project is located within a FEMA flood zone and will be designed to comply with all applicable Local, State, and Federal floodplain protection standards. Appropriate floodplain permitting shall be obtained prior to the start of construction.



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Preparers and Approvals

Form Preparer

District 4
Contact: Edward Deley
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Supporting Form Preparer(s):

Brian Peck
Mark Andrasik

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	3/7/2022



Appendix

General

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Buckeye Assets Mapping.pdf

Records Check.pdf

Ecological

Coordination with ODNR - STA-62-4.68 Mussel Survey.pdf.pdf

ODNR Comments - STA-62-4.68 Mussel Survey.pdf

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Underserved Populations

Census Mapping.pdf

Public Involvement

Correspondence with Stakeholders.pdf

Website Snap Shot 1-28-2022.pdf

Permits

District Determination - Permit Coordination Required.pdf

District Floodplain Impacts Determination Request.pdf

FEMA FIRM.pdf

Letter of Compliance - ODOT Form LD-52 - STA-62-0468.pdf

Letter of Compliance - ODOT Form LD-53 - ATB-45-1914 .pdf

Letter of Compliance - ODOT Form LD-53 - STA-62-0397.pdf

Public Explanation - Website Snap Shot 1-28-2022.pdf

Public Explanation of Flood Plain Impacts.pdf