



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

ATB US 20/SR 45 19.13/08.28 PID 101798

Environmental Document Level: C2

Approved: 3/26/2019

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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 11, 2015, and executed by FHWA and ODOT.

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C2

PID:	101798
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Federal
Private Funding:	No

Project Description:

The Ohio Department of Transportation (ODOT) plans to improve U.S. Route (USR) 20 and State Route (SR) 45 in Saybrook and Austinburg Townships, Ashtabula County. The project proposes to replace two (2) structures, Structure No. ATB-20-8.28/Structure File Number (SFN) 0402133 on USR 20 just east of SR 45 and Structure No. ATB-45-19.13/SFN 0402559 on SR 45 just north of SR 307 as follows:

ATB-20-8.28: Replace the existing deteriorated/deficient 18.5-foot concrete slab bridge spanning Indian Creek. The existing structure will be removed and replaced with a 18-foot x 8-foot box culvert with full-height headwalls and cast-in-place wing walls. Rock channel protection (RCP) Type C will be placed on the upstream and downstream sides of the new structure to protect the structure from scour/erosion.

ATB-45-19.13: Replace the existing deteriorated/deficient 91-foot 3-span continuous wide flange steel beam bridge spanning Coffee Creek. The existing structure will be removed and replaced with an 82-foot single span prestressed concrete box beam bridge with a reinforced concrete deck on integral abutments supported by cast-in-place piles. Slope protection will be placed beneath the structure to protect the new structure from scour/erosion.

During project construction, a minimum of one (1) lane of traffic in each direction shall be maintained at all times along USR 20, except when necessary to close USR 20 to vehicular traffic just east of SR 45 for a maximum of thirty (30) consecutive days to replace the structure. The official detour route for this closure will utilize SR 45 and SR 84. Additionally, a minimum of one (1) lane of traffic in each direction shall be maintained at all times along SR 45, except when necessary to close SR 45 just north of SR 307 to vehicular traffic for a maximum of eighty (80) consecutive days to replace the structure. The official detour route for this closure will utilize SR 307, SR 534 and SR 84. These two (2) closures shall not occur simultaneously. Access shall be maintained to all adjacent properties, businesses and intersecting side streets for the duration of the project. Substantial traffic disruptions are not expected during project construction.

A total of 0.183 acre of new permanent standard highway easement and 0.484 acre of temporary right-of-way will be acquired from six (6) property owners to replace both structures. Right-of-Way plans for the project can be found in the Project File/General/Project Information subsection as Final Right-of-Way Plans.pdf.

Multiple overhead and underground utilities exist within the project study areas. These include electric, storm sewer, gas, water, sanitary and telecommunication utilities. The existing storm sewer, gas, water, sanitary and one (1) electric service pole and its associated overhead electric service/telecommunications wires conflict with the proposed ATB-20-8.28 project and will be permanently relocated within the existing and/or proposed USR 20 right-of-way. Additionally, a section of existing gas line and one (1) electric service pole and its associated overhead electric service/telecommunications wires conflict with the



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proposed ATB-45-19.13 project and will also be permanently relocated within the existing and/or proposed SR 45 right-of-way. The remaining electric, gas, water, sanitary and telecommunications utilities in proximity to the ATB-20-8.28 and the ATB-45-19.13 study areas do not conflict with the proposed improvements and will not be impacted during project construction. Utilities will not be permanently removed to construct the project.

The undertaking will not require land from within the historic boundary of a Section 4 (f) Cultural Resource. The work limits are partially within the boundaries of the Eliphalet Austin House, 1873/1879 SR 45, Austinburg (NRHP#75001313) listed on the National Register of Historic Places (NRHP). 0.217 acre of temporary easement right-of-way will be acquired from the NRHP-listed Eliphalet Austin House property, identified as Parcel No. 3, owned by John M. Clause and Mary Ann Clause, 1873 SR 45 N, Permanent Parcel Number (PPN) 070030002500, in the Final Right-of-Way Plans.pdf. The yard features mature landscaping between the house and the ATB-45-19.13 bridge. Project plans and photographic documentation indicate that no designed landscape elements will be altered or removed to construct the proposed improvements. The project will not affect the characteristics that qualify the Eliphalet Austin House for listing on the NRHP. Based on the project scope and the existing conditions within the APE, the proposed work within the historic boundaries of the NRHP-listed Eliphalet Austin House will not adversely affect the historic property. Land from within the historic boundary will not be converted to a transportation facility.

See continuation of the project description in the Project File/General/Project Information subsection as Project Description Continued.pdf.

STIP Reference #

Statewide Line Item (SLI) Number 32
and is fiscally constrained.

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 -
a. Acquisition of more than a minor amount of right-of-way b. Residential or non-residential displacements c. A Coast Guard, Individual Section 404 and/or a Section 10 permit d. A Section 106 finding of Adverse Effect e. A Section 4(f) Programmatic or Individual Evaluation 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. 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



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Isolated Wetland Permit	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	01/31/2019
Endangered Species - Critical Habitat Present/Impacted	
Kirtland's warbler	
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
NFIP Local Floodplain Coordinator Notification Date:	06/20/2018
Section 4(f):	Present; No Programmatic Evaluation or Individual Evaluation Required
Section 4(f) Determination:	
No Use	
Section 4(f) Determination Date - No Use	02/15/2019
Section 6(f):	Not present
Cultural Resources:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	No Adverse Effect
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	02/15/2019

Tribal Consultation Summary/Remarks:

Based on the customized preferences configured by the tribe, the ODOT EnviroNet System notified the Miami Tribe of Oklahoma about the project on 2/6/2019. No comment or objection was received from the Miami Tribe of Oklahoma concerning this project within 30 days of the project notification date.

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.



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Air Quality:	Studies Not Required
Air Quality - Coordination with OES:	No
Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	03/05/2019
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	12/17/2018
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	Does Not Exceed UP Guidance Criteria; No UP Analysis Report Required and No UP Issues Raised During Public Involvement
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 designer shall incorporate the following note into the plans: IN-STREAM WORK RESTRICTIONS - ATB-20-8.28: NO IN-WATER WORK SHALL OCCUR IN INDIAN CREEK AT ATB-20-8.28 FROM SEPTEMBER 15 THROUGH JULY 1 TO MINIMIZE IMPACTS TO INDIGENOUS AQUATIC SPECIES AND THEIR HABITAT.
- 2) The project designer shall incorporate the following note into the plans: WATERWAY PERMIT COMPLIANCE: ODOT WILL OBTAIN ALL NECESSARY WATERWAY PERMITS PRIOR TO PROJECT CONSTRUCTION. THE CONTRACTOR IS NOT AUTHORIZED TO PLACE ANY FILL OR WORK WITHIN ANY WATERWAY BELOW THE ORDINARY HIGH WATER MARK ELEVATION DURING CONSTRUCTION UNTIL THE PERMIT(S) ARE OBTAINED.
- 3) The project designer shall incorporate the following note into the plans: PAINTING AND SEALING OPERATIONS: THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EPOXY-URETHANE SEALER, PAINT OR OTHER STRUCTURAL MATERIALS USED TO REPAIR, CLEAN, SEAL OR TREAT ANY STRUCTURE FROM ENTERING ANY STREAMS, WETLANDS OR OTHER WATERS OF THE UNITED STATES AND TAKE THE APPROPRIATE ACTIONS IN THE EVENT OR A RELEASE. THE CONTRACTOR SHALL LIMIT THE AMOUNT OF OPEN CONCRETE SEALER TO THE EXTENT PRACTICABLE TO PERFORM THE REQUIRED WORK. DISCARDED CONTAINERS SHALL BE REMOVED FROM THE VICINITY OF THESE WATERS AND UNDER NO CIRCUMSTANCES SHALL ANY SEALER BE STORED WITH THE 100-YEAR FLOOD PLAIN OF ANY STREAMS, ETC.
- 4) The project designer shall incorporate the following note into the plans: TREE AND SHRUB REMOVAL RESTRICTIONS - ENDANGERED SPECIES HABITAT: THE ATB-20-8.28 AND ATB-45-19.13 LOCATIONS ARE WITHIN THE KNOWN HABITAT RANGES OF THE INDIANA BAT, NORTHERN LONG-EARED BAT AND KIRTLAND'S WARBLER. ANY REMOVAL OF TREES (LIVE, DYING, OR DEAD WOODY PLANT, WITH A TRUNK THREE INCHES OR GREATER IN DIAMETER AT A HEIGHT OF 4.5 FEET ABOUT THE GROUND SURFACE, AND WITH A MINIMUM HEIGHT OF 13 FEET), SHRUBS OR OTHER WOODY VEGETATION GREATER THAN 4 FEET IN HEIGHT SHALL BE PERFORMED ONLY BEFORE APRIL 1 OR AFTER OCTOBER 15 WHEN THESE SPECIES WOULD NOT BE USING SUCH HABITATS. THIS REQUIREMENT IS NECESSARY TO AVOID AND MINIMIZE IMPACTS TO THESE SPECIES AS REQUIRED BY THE ENDANGERED SPECIES ACT.
- 5) The project designer shall incorporate the following note into the plans: WETLANDS AVOIDANCE: UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER WETLAND 1 LOCATED ADJACENT TO THE ATB-20-8.28 BRIDGE AND DEPICTED WITHIN THE PROJECT PLANS. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THESE WATERS. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT ALL CONSTRUCTION MATERIALS, WASTE MATERIALS, WATER CHEMICALS OR OTHER SUBSTANCES USED TO CONSTRUCT THE PROJECT FROM ENTERING THE WETLANDS. SHOULD ANY MATERIALS AND/OR DEMOLITION DEBRIS FALL INTO THESE WATERS, ALL WORK SHALL BE STOPPED, AND ALL DEBRIS/MATERIAL, ETC., SHALL BE REMOVED IMMEDIATELY AND IN SUCH A WAY AS TO MINIMIZE TURBIDITY THAT COULD DEGRADE WATER QUALITY AND ADVERSELY AFFECT AQUATIC PLANT AND ANIMAL LIFE.



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6) The project designer shall incorporate the following note into the plans: NATIONAL REGISTER OF HISTORIC PLACES (NRHP) - ELIPHALET AUSTIN HOUSE: UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR ALTER OR REMOVE ANY DESIGNED LANDSCAPE FEATURES ASSOCIATED WITH THE NATIONAL REGISTER OF HISTORIC PLACES (NRHP) ELIPHALET AUSTIN HOUSE LOCATED AT 1873/1879 STATE ROUTE 45 (PARCEL NO. 070030002500) AND APPROXIMATELY 150 FEET SOUTHWEST OF THE SR 45 BRIDGE. THE STAGING AND/OR STORAGE OF CONSTRUCTION EQUIPMENT AND/OR MATERIALS SHALL NOT TAKE PLACE OUTSIDE THE PROPOSED CONSTRUCTION LIMITS THAT ARE ESTABLISHED WITHIN THE DEFINED BOUNDARIES OF THIS NRHP-LISTED PROPERTY.



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Preparers and Approvals

Form Preparer:

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Supporting Form Preparer(s):

Rinaldo Spano
Sean Carpenter
Jessica Stratigakos

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	3/26/2019



Appendix

Cultural Resources

Consulting Party Application - ACHS.pdf
Consulting Party Comment Response - ACHS.pdf
Consulting Party Coordination - WRHS.pdf
Consulting Party Coordination - ACHS (2).pdf
Consulting Party Coordination - ACHS.pdf
Consulting Party Coordination Transm SHPO Letter to ACHS.pdf
Consulting Party List.pdf
Consulting Party Request Acknowledgement - ACHS.pdf

Ecological

Coordination with ODNR and USFWS.pdf

Cultural Resources

Field Review Summary - History Architecture.pdf

General

Final Right of Way Plans.pdf

Ecological

ODOT Disposition of Agency Comments.pdf

ESA

OES Recommendations - ATB-20-8.28 RMR Addendum.pdf
OES Recommendations - RMR.pdf

General

Project Description Continued.pdf

Cultural Resources

Records Check NRHP Nomination.pdf
SHPO Comments
Transmittal 1 - Effect Determination
Tribal Consultation

Ecological

USFWS Comments Consult Form ATB-20-8.28 PID 101798.pdf



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USFWS Comments Consult Form ATB-45-19.13 PID 101798.pdf

General

USGS Quadrangle Topographical Map.pdf

Other Resources

Water Source Protection Area Map.pdf

Underserved Populations

Census Mapping.pdf

Public Involvement

District Website Posting.pdf

Emergency and Public Services Notification List.pdf

Emergency and Public Services Notification.pdf

Permits

FEMA FIRM.pdf

Letter of Compliance - ODOT Form LD-51.pdf

Section 4(f)

OES Cultural Resources 4(f) Determination.pdf

Public Involvement

Press Release.pdf

Permits

Project Manager Floodplain Notification.pdf

Public Involvement

Property Owner Notification Letter - Non ROW.pdf

Property Owner Notification Letter - ROW.pdf

Permits

Public Explanation of Floodplain Impacts.pdf

Public Involvement

Public Notification Mailing List.pdf

Underserved Populations

Underserved Populations Documentation Form.pdf