



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

ATB US 20/VAR 2.94/VAR PID 96550

Environmental Document Level: C2

Approved: 11/1/2018

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 11, 2015, and executed by FHWA and ODOT.

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C2

PID: 96550
Project Sponsor: DISTRICT 4-PLANNING
ODOT District: 4
Funding Source: Federal
Private Funding: No

Project Description:

The Ohio Department of Transportation (ODOT) proposes maintenance activities on State Route (SR) 84, U. S. Route (USR) 20 and SR 531 in Harpersfield Township, the city of Geneva and village of Geneva-On-The-Lake, respectively, in Ashtabula County. The project proposes to resurface 1.25 miles of SR 84 from Straight Line Mile (SLM) 2.60 to SLM 3.85, resurface 1.01 miles of USR 20 from SLM 2.94 to SLM 3.95 and resurface 1.98 miles of SR 531 from SLM 0.00 to SLM 1.98. Structure maintenance activities are proposed at six locations on SR 84 and SR 531. Below is a description of the proposed work at each structure:

ATB-84-0.70 over Unknown Tributary to Wheeler Creek. Patch all unsound areas of the existing concrete headwalls and seal patched areas with epoxy urethane. Replace damaged guardrail at the forward left approach. Install addition rock channel protection at outlet. Clear/grub 15 feet around the structure to remove vegetation. Provide new structure identification sign.

ATB-84-1.41 over Unknown Tributary to Wheeler Creek. Install additional rock channel protection at the outlet due to erosion creating a scour hole. Approximately 25 linear feet of stream channel will be impacted at this site. Clear/grub within 15 feet of the structure is also proposed at the structure.

ATB-84-2.19 over Unknown Tributary to Wheeler Creek. The existing 16' x 7' and 36-foot, 3-inch long concrete box structure, built in 1937, will be replaced with a new 16' x 9' and 44-foot long concrete conduit. Installation of rock channel protection, Type B with Geotextile Fabric, is proposed at the inlet and a riprap cutoff wall is proposed at the outlet. Approximately 70 linear feet of stream channel will be impacted at this site. Clear/grub within 15 feet of the structure is also proposed at the structure.

ATB-84-2.76 over Unknown Tributary to Wheeler Creek. Repair scour at the right side of the structure near the forward end of the structure. Clear/grub 15 feet around the structure to remove vegetation. Provide new structure identification sign.



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ATB-84-3.83 over Unknown Tributary to Wheeler Creek. Remove existing asphalt concrete overlay and place new asphalt overlay with waterproofing asphalt concrete. Patch all unsound areas of the concrete substructure and seal patched areas with epoxy urethane. Repair slope protection at both abutments to cover exposed footers. Repair erosion at the right rear embankment. Clear/grub 15 feet around the structure to remove vegetation. Provide new structure identification sign.

ATB-531-2.00 over Indian Creek. Patch existing concrete wearing surface and approach slabs. Seal existing concrete wearing surface and approach slabs with gravity fed resin. Patch all unsound areas of the concrete substructure including the deck edges and seal with epoxy urethane. Remove all spalled areas on the bottom of the deck floor and seal with epoxy urethane. Repair slope protection at both abutments. Install deep beam railing retrofit. Clear/grub 15 feet around the structure to remove vegetation. Provide new structure identification sign.

The project will be constructed within the existing roadway rights-of-way, except for 0.057 acre of temporary right-of-way needed for access to construct the headwall foundation at the proposed new ATB-84-2.19 structure.

Project construction is expected from May to October 2019. No work on SR 531 will be performed between Memorial Day and Labor Day 2019. To maintain traffic flow, a minimum of one 10-foot lane of traffic will be maintained in each direction at all times during the proposed resurfacing. Replacement of ATB-84-2.19 culvert will require a road closure and detour for up to 21 days and will be completed by June 1, 2019. Emergency and public services were notified of the project and specific maintenance of traffic plans on October 31, 2018, and November 1, 2018.

The project will not impact/relocate any existing utilities.

A total of approximately 95 linear feet of stream channel will be impacted by the project. A Level 1 Ecological Survey Report (ESR) was completed for the stream impacts at the ATB-84-1.41 and ATB-84-2.19 structures. The project was determined to be a non-notifying project under the Ecological MOA. See the Level 1 ESR, MOA coordination and responses to comments documents in the Project File/Ecological section.

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

Descriptions of the proposed improvements were posted to the ODOT District 4 website and are found in the project file.

The environmental document and associated studies, as applicable, were approved using the Final Design plans for the project. A copy of the Final Design plans for the project is in the Project File/General/Project Information subsection as Final Plans.pdf.



The estimated project cost specified in Ellis agrees with the project funding specified in the ODOT Fiscal Year (FY) 2018 - FY 2021 Statewide Transportation Improvement Program (STIP).

STIP Reference #

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

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 -
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

Isolated Wetland Permit

No

Endangered Species:

No Impacts to Protected Species and Critical Habitat



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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:	08/28/2018
Section 4(f):	Not present
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	10/31/2018
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:	05/31/2018
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



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Environmental Commitments

C2

1) The Project Designer will add a stream avoidance note to the plans for the culverts at the following locations: ATB-84-0.70, ATB-84-2.76, ATB-84-3.83 and ATB-531-2.00.

2) A waterway permit determination request will be submitted to ODOT-OES and the waterway permit conditions special provisions will be added to the plans prior to construction and implemented during construction.



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Preparers and Approvals

Form Preparer

District 4
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Supporting Form Preparer(s):

Mark Andrasik
Robert Lang

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	11/1/2018



Appendix

General

Aerial Map.pdf

Project Study Area Map.pdf

USGS Quadrangle Topographical Map.pdf

Ecological

ODOT Disposition of Agency Comments.pdf

OES Approval - No ODNR and USFWS Notification.pdf

Underserved Populations

Census Mapping.pdf

Public Involvement

Public Notification Web Posting.pdf

Stakeholder Notification.pdf