



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 04
2088 SOUTH ARLINGTON RD. • AKRON, OH 44306 • 614-995-7904

Environmental Document

for

ATB/TRU Culverts FY 2018 Various PID 99618

Environmental Document Level: C2

Approved: 2/20/2018

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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:	99618
Project Sponsor:	DISTRICT 4-PLANNING
ODOT District:	4
Funding Source:	Federal
Private Funding:	No
Project Description:	

The Ohio Department of Transportation (ODOT) proposes to replace three (3) culverts and maintain two (2) culverts in Ashtabula County, as follows:

1. ATB-6-20.27 culvert that carries US Route (USR) 6 over a non-jurisdictional ditch to Pymatuning Creek in Andover Township: Culvert replacement. The project will not impact any regulated waterways at this culvert location.
2. ATB-46-11.86 culvert that carries State Route (SR) 46 over an unnamed tributary to Three Brothers Creek in Lenox Township: Culvert replacement. Impacts to approximately 84 linear feet of stream and approximately 0.03 acre of wetlands are anticipated for this culvert replacement that includes rock channel protection placement, temporary dewatering, grading and guardrail replacement.
3. ATB-534-4.64 culvert that carries SR 534 over an unnamed tributary to Indian Creek in Windsor Township: Culvert replacement. Impacts to approximately 135 linear feet of stream are anticipated for this culvert replacement that includes rock channel protection and temporary dewatering.
4. ATB-531-13.95 culvert that carries SR 531 over Whitman Creek in Ashtabula and Kingsville Townships: Minor structure repair, erosion/scour repair, vegetation removal and new structure sign installation. Impacts to approximately 10 linear feet of stream are anticipated with rock channel protection placement at this culvert inlet.
5. ATB-6-25.66 culvert that carries USR 6 over an unnamed tributary to Pymatuning Reservoir in Richmond Township: Seal all exposed concrete surfaces of the headwalls and wingwalls using epoxy-urethane sealer. The project will not impact any regulated waterways at this culvert location.

Waterways impacts by the project are anticipated to be a total of 229 linear feet of streams and a total of 0.03 acre of wetlands. A total of 0.35 acre of suitable wooded habitat (SWH) for the Federally-listed Indiana Bat (*Myotis sodalis*) and Northern Long-Eared Bat (*Myotis septentrionalis*) will be impacted by the project.

The repair of culverts constructed with modern materials, that are found outside the boundaries of historic properties, are considered to have a minimal potential to cause effects to historically substantive cultural resources. Consequently, ATB-46-11.86, ATB-534-4.64, ATB-531-13.95 and ATB-6-25.66 are exempt from further Section 106 evaluation. The ATB-6-20.27 culvert, however, is a stone slab top culvert with concrete alterations and substantive deterioration. Based on the poor structure condition, the culvert does not qualify



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for National Register of Historic Places criteria evaluation. This project will not impact any Section 4(f) or 6(f) resources.

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

During project construction, the following maintenance of traffic is proposed:

- A minimum of one lane of traffic in each direction will be maintained along USR 6 at all times, except for a period not to exceed 7 consecutive calendar days. The official detour route during the USR 6 closure will utilize SR 7, USR 322 and SR 193.
- A minimum of one lane of traffic in each direction will be maintained along SR 46 at all times, except for a period not to exceed 21 consecutive calendar days. The official detour route during the SR 46 closure will utilize USR 6, SR 11 and SR 307.
- A minimum of one lane of traffic in each direction will be maintained along SR 534 at all times, except for a period not to exceed 14 consecutive calendar days. The official detour route during the SR 534 closure will utilize USR 6, SR 45 and USR 322.
- The culvert maintenance activities along USR 6 and SR 531 will not require roadway closures or detours.

Construction, lane restrictions, roadway closures and detour information will be posted along the impacted routes and on the ODOT District 4 webpage prior to the start of construction. Access shall be maintained to adjacent properties at all times during project construction.

An estimated 0.12 acre of new standard highway easement/right-of-way will be required at the ATB-534-4.64 project site for the installation of the proposed structure and rock channel protection.

Utility poles, overhead utility lines and underground utilities to be impacted by the project will be relocated within existing rights-of-way. Existing utilities will not be permanently removed to construct the project. Coordination with affected utility owners is ongoing for the project.

Various public involvement activities were conducted for the project, including a news release, District website posting, property owner notifications and emergency/public service notifications. Public comments were not received as a result of the public involvement activities conducted for the project.



Stage 3 Plans were utilized to evaluate environmental impacts by and obtain NEPA approval for the project. The Stage 3 Plans can be found in the Project File/General/Project Information subsection as Stage 3 Design.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

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

11/30/2017

Endangered Species - Critical Habitat Present/Impacted

Kirtland's warbler

Indiana bat

Northern long-eared bat



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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:	No Historic Properties Affected
Cultural Resources Coordination - SHPO Concurrence Date:	10/19/2017
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:	12/29/2017
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	08/07/2017
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 SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: THE OHIO DEPARTMENT OF TRANSPORTATION 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 DURING CONSTRUCTION UNTIL THE PERMIT(S) ARE OBTAINED.

2) THE PROJECT DESIGNER SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: WETLANDS EXIST WITHIN PROJECT CONSTRUCTION LIMITS. IMPACTS TO 0.03 ACRE OF WETLANDS WILL OCCUR AT THE ATB-46-11.86 PROJECT LOCATION. TO PROTECT AND DELINEATE THE BOUNDARY OF THE EXISTING REMAINING AREA OF WETLANDS A AND B, A FILTER FABRIC FENCE AND TEMPORARY CONSTRUCTION FENCE, PER SUPPLEMENTAL SPECIFICATION 832, SHALL BE INSTALLED AT THE PROPOSED CONSTRUCTION LIMITS BY THE CONTRACTOR, MAINTAINING A ONE-FOOT BUFFER BETWEEN THE FENCE AND THE WETLAND/DITCH BOUNDARIES (WHEN PRACTICABLE), PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES, INCLUDING ANY NECESSARY CLEARING AND GRUBBING ACTIVITIES, AND MAINTAINED BY THE CONTRACTOR THROUGHOUT PROJECT CONSTRUCTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR IMPACT WETLANDS OUTSIDE OF THE PERMITTED AREAS AT ANY TIME THROUGHOUT CONSTRUCTION, INCLUDING EXCAVATION, GRADING, OR FILLING OPERATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE CONSTRUCTION EQUIPMENT WITHIN THE WETLAND BOUNDARY.

3) THE PROJECT DESIGNER SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: THE CONTRACTOR MUST IMMEDIATELY REMOVE ALL MATERIALS REMOVED FROM STREAMS TO AN UPLAND SITE AND STABILIZE TO PREVENT REDISTRIBUTION INTO ANY WATERS OF THE U.S. THE U.S. ARMY CORPS OF ENGINEERS DEFINES IMMEDIATE REMOVAL AS DEPOSITING THE REMOVED MATERIALS DIRECTLY INTO A TRUCK AND REMOVING THE MATERIAL FROM THE SITE. PLACING REMOVED MATERIALS INTO WETLANDS OR ON THE BANKS OF A STREAM, EVEN TEMPORARILY, IS CONSIDERED A FILL ACTIVITY AND REQUIRES A WATERWAY PERMIT ACTION. ANY AREAS DISTURBED BY EQUIPMENT ACTIVITIES MUST BE SEEDED WITH NATIVE PLANT SPECIES AND MULCHED TO PREVENT EROSION OF SEDIMENTS INTO WATERS OF THE UNITED STATES.

4) THE PROJECT DESIGNER SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: THE MECHANICAL EQUIPMENT USED TO EXECUTE THE WORK AUTHORIZED HEREIN SHALL BE OPERATED IN SUCH A WAY AS TO MINIMIZE TURBIDITY THAT COULD DEGRADE WATER QUALITY AND ADVERSELY AFFECT AQUATIC PLANT AND ANIMAL LIFE.

5) THE PROJECT DESIGNER SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EPOXY-URETHANE SEALER, PAINT OR OTHER MATERIALS USED TO REPAIR, CLEAN, PAINT, 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 OF A RELEASE.

6) THE PROJECT DESIGNER SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: THE ATB-534-4.64 AND ATB-531-13.95 LOCATIONS ARE WITHIN THE KNOWN HABITAT RANGES OF THE INDIANA BAT, NORTHERN LONG-EARED BAT AND KIRTLAND'S WARBLER. ANY REMOVAL OF TREES, 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.



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7) THE PROJECT DESIGNER SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: THE CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID AND/OR LIMIT CONSTRUCTION AND DEMOLITION DEBRIS FROM ENTERING DITCHES, WETLANDS AND/OR STREAM(S). ANY DEBRIS THAT DOES FALL INTO DITCHES, WETLANDS AND/OR STREAM(S) SHALL BE REMOVED AS SOON AS POSSIBLE WITHIN 72 HOURS, AND IN SUCH A WAY AS TO MINIMIZE TURBIDITY THAT COULD DEGRADE WATER QUALITY AND ADVERSELY AFFECT AQUATIC PLANT AND ANIMAL LIFE.

8) THE PROJECT DESIGNER SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: NO IMPACTS ARE AUTHORIZED BELOW THE OHWM OF THE STREAM AT THE ATB-6-25.66 LOCATION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR IMPACT THE UNNAMED TRIBUTARY TO PYMATUNING LAKE BELOW THE OHWM, INCLUDING CONSTRUCTION EQUIPMENT, EXCAVATION, GRADING OR FILLING OPERATIONS.

9) THE PROJECT DESIGNER SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: NO IN-WATER WORK SHALL OCCUR IN WHITMAN CREEK AT ATB-531-13.95 FROM APRIL 15 THROUGH JULY 1 TO MINIMIZE IMPACTS TO INDIGENOUS AQUATIC SPECIES AND THEIR HABITAT.



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Preparers and Approvals

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Thomas Powell

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	2/20/2018



Appendix

General

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Final Right of Way Plans.pdf

ESA

District Determination - No ESA Studies Required.pdf

OES Recommendations - Screening.pdf

Cultural Resources

Records Check.pdf

OES Section 106 Effect Determination.pdf

Ecological

USFWS Consultation Form - ATB-534-4.64.pdf

USFWS Consultation Form - ATB-531-13.95.pdf

Wetland Finding.pdf

OES Approval - No ODNR and USFWS Notification.pdf

Coordination with ODNR and USFWS 2.pdf

Coordination with USFWS.pdf

Coordination with ODNR and USFWS.pdf

USFWS Comments.pdf

ODNR Comments.pdf

Other Resources

Water Source Protection Area Map.pdf

Underserved Populations

Underserved Populations Documentation Form.pdf

Census Mapping.pdf

Public Involvement

District Website Posting.pdf

Press Release.pdf

Emergency and Public Services Notification .pdf



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Notification Mailing List.pdf

Property Owner Notification Letter.pdf

Emergency and Public Services Notification List.pdf

Permits

FEMA FIRM.pdf