



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

D04 BH FY2022 A PID 103025

Environmental Document Level: C2

Approved: 6/29/2021

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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: 103025
Project Sponsor: DISTRICT 4-PLANNING
ODOT District: 4
Funding Source: Federal
Private Funding: No

Project Description:

The Ohio Department of Transportation (ODOT) proposes maintenance on 27 bridges along various interstate, U. S. and state routes within District 4. These proposed bridge maintenance activities involve the following bridges:

1. ATB-322-13.56/Structure File Number (SFN) 0406368;
2. MAH-76-4.09/SFN 5002826;
3. MAH-76-5.08/SFN 5002885;
4. MAH-680-4.81/SFN 5006872;
5. MAH-680-7.06/SFN 5003350;
6. POR-224-11.72/SFN 6703909;
7. POR-225-14.25/SFN 6704174;
8. POR-306-2.16/SFN 6704743;
9. STA-62-4.68/SFN 7601999;
10. SUM-77-8.84/SFN 7702612;
11. SUM-8-5.56K1/SFN 7700733;
12. SUM-8-5.60J/SFN 7700628;
13. SUM-8-5.61K/SFN 7700601;
14. SUM-93-8.01/SFN 7707568;
15. SUM-261-4.75/SFN 7708580;
16. SUM-261-4.93/SFN 7708610;
17. TRU-5-7.62L/SFN 7800339;
18. TRU-5-8.09R/SFN 7800452;
19. TRU-5-8.10L/SFN 7800428;
20. TRU-5-26.80/SFN 7801386;
21. TRU-5-30.67/SFN 7801440;
22. TRU-46-22.10/SFN 7802889;
23. TRU-87-3.31/SFN 7805179;
24. TRU-87-3.38/SFN 7805209;
25. TRU-88-5.95/SFN 7805799;
26. TRU-88-13.28/SFN 7805918; and
27. TRU-534-21.31/SFN 7807678.

The proposed bridge maintenance activities on these structures are specified in the Project File/General/Project Information subsection as Project Description Proposed Bridge Maintenance Table.pdf. Mapping that depicts the project location on United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Mapping is included in Project File/General/Project Information as USGS



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Quadrangle Topographical Map.pdf.

A minimum of one ten-foot lane of traffic in each direction or a minimum of one ten-foot bidirectional lane of traffic shall be maintained on the existing pavement and completed pavement during project construction except when it will be necessary to close State Route (SR) 87 for a maximum of seven (7) consecutive days during the proposed maintenance activities associated with the TRU-87-3.31 bridge located between SR 534 and Brigden Road in Mesopotamia Township, Trumbull County. The official detour route for this closure will utilize SR 45 and SR 88. The duration of lane closures/restrictions shall be prescribed by the permitted lane closure chart. Construction, lane restrictions/reductions and roadway closure/detour information will be posted within the project construction limits prior to the start of project construction. Lane restrictions/reductions shall not be permitted after normal working hours. Access shall be maintained to all adjacent properties, businesses and intersecting side streets during project construction. Substantial traffic disruptions are not expected during project construction.

The project will be constructed within the existing highway/roadway rights-of-way.

Existing utilities within the project study areas will not be impacted/relocated to construct the project.

The area of potential effects (APE) is limited to the existing operational right-of-way. No buildings will be involved in construction and no relocations will be required to construct the project. A records check was conducted to determine if previously recorded cultural resources are located within the project study areas.

The records check included a review of electronic data from Ohio's State Historic Preservation Office (OSHP) GIS database to identify properties listed on or eligible for the National Register of Historic Places (NRHP), Ohio Historic Inventory (OHI) buildings and structures, Ohio Archaeological Inventory (OAI), as well as properties that have previously received a Determination of Eligibility (DOE). No previously inventoried, OHI or OAI resources will be directly impacted by the undertaking. Construction areas are generally void of historic properties listed or eligible for the NRHP. Involved bridge types include seventeen Type 201N Continuous Concrete Slab structures built between 1952 and 1984, six Type 402N Steel Beam Continuous structures built between 1943 and 1972, one Type 104N Concrete Tee Beam structure built in 1931, two Type 101N Concrete Slab Simple structures built in 1931 and 1961, and one Type 505 Prestressed Concrete Box Beam structure built in 1988. All are bridge types that are not considered eligible for the National Register based on the Ohio DOT Historic Bridge Inventory (accepted April 28, 2010). The MAH-680-4.81 bridge (SFN 5006872) crosses through the Mill Creek Park Historic District (N.R.# 05000178). The bridge is a Type 402N Continuous Steel Beam structure built in 1963. It is neither eligible for the National Register nor is it a contributing element of the local historic district.

Highway maintenance projects not involving historic properties and similar maintenance work only taking place in the operational right-of-way are project types exempt from further cultural resource consideration by the 11/8/2017 Cultural Resource PA (Agreement 19319 -- Appendix B -- Item 2), as long as no new permanent right-of-way from a historic property will be acquired and no contributing element of a historic district will be removed or altered by construction.

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, ODOT Office of Environmental Services (OES) determined the 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. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the Cultural Resources Tab.

One bridge, the MAH-680-4.81 bridge (SFN 5006872) crosses through the Mill Creek Park Historic District (N.R.# 05000178). The bridge is a Type 402N Continuous Steel Beam structure built in 1963. It is neither eligible for the NRHP nor is it a contributing element of the historic district. On May 25, 2021, ODOT-OES determined the undertaking does not have the potential to cause effects to historic properties in accordance with the Section 106 Programmatic Agreement (Agreement No. 19319) executed November 8, 2017, and amended July 11, 2019. Therefore, in accordance with 23 CFR Part 774, the project will not result in the use



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of a Section 4(f) cultural resource. See the Cultural Resource Section 4(f) documentation for the project in the Project File/Section 4(f)/Coordination subsection.

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 a total 1,028 linear feet of twelve streams at ATB-322-13.56, POR-306-2.16, POR-225-14.25, STA-62-4.68, SUM-93-8.01, SUM-261-4.75, SUM-261-4.93, TRU-5-8.09R/8.10L, TRU-5-26.80, TRU-5-30.67, TRU-87-3.31 and TRU-87-3.38 and 0.21 acre of suitable wooded habitat (SWH) for the Federally-listed Indiana Bat (*Myotis sodalis*) and Northern Long-Eared Bat (*Myotis septentrionalis*) and State-listed Little Brown Bat (*Myotis lucifugus*) and Tricolored Bat (*Perimyotis subflavus*) at ATB-322-13.56, POR-225-14.25, POR-306-2.16, STA-62-4.68, SUM-93-8.01, SUM-261-4.93, TRU-5-26.80 and TRU-87-3.38.

The project also proposes to impact habitat for the State-listed Spotted Turtle (*Clemmys guttata*) at TRU-5-30.67 and the Northern Brook Lamprey (*Ichthyomyzon fossor*) at TRU-87-3.31 and TRU-87-3.38. The project initially proposed to impact wetlands at STA-62-4.68, SUM-261-4.93 and TRU-5-8.09R/8.10L.

However, based on the final scope of work and further plan development, these wetlands will not be impacted by the project. See the ecological documentation and threatened/endangered species documentation for the project in the Project File/Ecological/Reports, Project Information and Coordination subsections.

The maintenance activities proposed on the remaining fourteen structures, MAH-76-4.09, MAH-76-5.08, MAH-680-4.81, MAH-680-7.06, POR-224-11.72, SUM-77-8.84, SUM-8-5.56K1, SUM-8-5.60J, SUM-8-5.61K, TRU-5-7.62L TRU-46-22.10, TRU-88-5.95, TRU-88-13.28 and TRU-534-21.31, will not impact any regulated ecological resources. Therefore, these proposed maintenance activities are considered ecologically exempt under the Ecological MOA (Agreement No. 19394). See the Ecologically Exempt D04-BH-FY2022.pdf for the project in the Project File/Ecological/Reports subsection.

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

STIP Reference #:

103025: 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 -
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



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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:	Regional General Permit
Waterways Permit Approval Date	06/09/2021
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	04/26/2021
Endangered Species - Critical Habitat Present/Impacted	
Eastern massasauga	
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:	05/27/2021
Section 4(f):	Present; No Programmatic Evaluation or Individual Evaluation Required
Section 4(f) Determination:	
No Use	
Section 4(f) Determination Date - No Use	05/28/2021
Section 6(f):	Not present
Cultural Resources:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	Minimum Potential to Cause Effect Appendix B



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Cultural Resources Coordination - ODOT Approval/SHPO Concurrent Date

05/27/2021

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: 05/27/2021

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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1) FRESHWATER MUSSELS - ATB-322-13.56, POR-225-14.25, POR-306-2.16, STA-62-4.68, SUM-93-8.01, TRU-5-8.09R/8.10L, TRU-5-26.80, TRU-87-3.31 & TRU-87-3.38: ODOT WILL CONDUCT FRESHWATER MUSSEL RECONNAISSANCE SURVEYS AND RELOCATIONS AT THE AFOREMENTIONED LOCATIONS, IF NECESSARY, PRIOR TO PROJECT CONSTRUCTION.

2) The project designer shall incorporate the following note into the plans:

ODNR PRECONSTRUCTION NOTIFICATION - POR-306-2.16 & TRU-5-30.67:
THE OHIO DEPARTMENT OF NATURAL RESOURCES, DIVISION OF NATURAL AREA & PRESERVES, MUST RECEIVE PRECONSTRUCTION NOTIFICATION AT LEAST FIFTEEN (15) CALENDAR DAYS PRIOR TO THE BEGINNING OF ANY WORK, INCLUDING INSTALLATION OF MAINTENANCE OF TRAFFIC SIGNAGE, STAGING OF EQUIPMENT AND/OR MATERIALS, ETC. THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE OHIO DEPARTMENT OF NATURAL RESOURCES, DIVISION OF NATURAL AREAS. INFORMATION REQUIRED AS PART OF THE PRECONSTRUCTION NOTIFICATION SHALL INCLUDE: 1) THE CONTRACTORS NAME AND ADDRESS, 2) CONTRACTOR AND ODOT DISTRICT 4 CONSTRUCTION REPRESENTATIVE CONTACT INFORMATION, 3) THE SCHEDULED DATES FOR THE START AND COMPLETION OF THE BRIDGE MAINTENANCE, 4) ONE COPY OF THE CONSTRUCTION PLANS. THE CONTRACTOR SHALL COMPILE THE ABOVE PRECONSTRUCTION NOTIFICATION AND SUBMIT IT TO THE ASSISTANT REGIONAL SCENIC RIVER MANAGERS, MATTHEW SMITH (MATTHEW.SMITH@DNR.OHIO.GOV OR 440-225-5582) AND JEFFRY HAYES (JEFFRY.HAYES@DNR.OHIO.GOV). A COPY OF THE NOTIFICATION SHALL BE PROVIDED TO THE ODOT PROJECT ENGINEER. THE CONTRACTOR SHALL FURNISH ALL FEES, LABOR, AND MATERIALS NECESSARY TO COMPLETE AND SUBMIT THE PRECONSTRUCTION NOTIFICATION. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN ITEM 614 MAINTAINING TRAFFIC.

3) The project designer shall incorporate the following note into the plans:

IN-STREAM WORK RESTRICTIONS - POR-225-14.25, POR-306-2.16, STA-62-4.68, TRU-87-3.31 & TRU-87-3.38
NO IN-WATER WORK SHALL OCCUR IN THE WEST BRANCH OF MAHONING RIVER AT POR-225-14.25, THE AURORA BRANCH OF THE CHAGRIN RIVER AT POR-306-2.16, SUGAR CREEK AT STA-62-4.68, ANDREWS CREEK AT TRU-87-3.31 AND SWINE CREEK AT TRU-87-3.38 FROM MARCH 15 THROUGH JUNE 30 TO MINIMIZE IMPACTS TO INDIGENOUS AQUATIC SPECIES AND THEIR HABITAT.



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4) The project designer shall incorporate the following note into the plans:

RECREATIONAL USE OF THE WEST BRANCH OF MAHONING RIVER & SUGAR CREEK - POR-224-14.25 & STA-62-4.68:

ODOT SHALL MAINTAIN A SAFE OPEN CHANNEL AT ALL TIMES DURING PROJECT CONSTRUCTION AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO ENSURE THE SAFETY OF RECREATIONAL BOATERS WITHIN THE PROJECT CONSTRUCTION LIMITS. IF FOR ANY REASON THE PROJECT CAN NOT MAINTAIN AN OPEN CHANNEL, OR MAY HAVE AN IMPACT ON RECREATIONAL BOATING, THE CONTRACTOR MUST NOTIFY THE PROJECT ENGINEER AND MR. TOM ARBOUR, ODNR DIVISION OF PARKS AND WATERCRAFT, AT 614-265-6575 OR THOMAS.ARBOR@DNR.STATE.OH.US.

THE CONTRACTOR MUST PLACE SIGNAGE OR BUOYS OR MARKERS 300 FEET UPSTREAM AND DOWNSTREAM OF THE PROJECT AREA TO ALERT BOATERS OF CONSTRUCTION ACTIVITIES THAT STATES THE RIVER IS OPEN AND BOATERS ARE ALLOWED TO PASS UNDER THE BRIDGE WITH CAUTION.

THE CONTRACTOR MUST CONTACT ODNR DIVISION OF PARKS AND WATERCRAFT 2 WEEKS IN ADVANCE OF CONSTRUCTION TO POST NOTICE OF THE IMPENDING PROJECT ON ODNR'S ONLINE BOATING WEBPAGE AND ASSOCIATED MAPS. TOM ARBOR, ODNR DIVISION OF PARKS AND WATERCRAFT TRAILS ADMINISTRATOR, CAN ASSIST WITH ANY NECESSARY LOCAL COORDINATION/COMMUNICATION, IF NEEDED.

IF ON-THE-WATER LAW ENFORCEMENT ASSISTANCE IS NEEDED DURING ANY PORTION OF CONSTRUCTION OR IF THE CONTRACTOR HAS ANY SPECIFIC QUESTIONS ABOUT NAVIGATION ON THE MAHONING RIVER, PLEASE CONTACT DIVISION OF PARKS AND WATERCRAFT LAW ENFORCEMENT SUPERVISOR SCOTT STAUFFER AT Scott.Stauffer@dnr.ohio.gov or 440-812-3208.

5) The project designer shall incorporate the following note into the plans:

STRUCTURE PAINTING AND SEALING OPERATIONS

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EPOXY-URETHANE SEALER, PAINT, OR OTHER MATERIALS USED TO REPAIR, CLEAN, SEAL, OR TREAT ANY BRIDGE STRUCTURE FROM ENTERING ANY STREAMS, RIVERS, 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:

WETLANDS AVOIDANCE - ATB-322-13.56, POR-225-14.25, POR-306-2.16, STA-62-4.68, SUM-261-4.93, TRU-5-8.09R/8.10L, TRU-5-30.67 & TRU-87-3.31

NO EXCAVATION, GRADING, OR FILLING OPERATIONS SHALL BE PERFORMED IN THE WETLANDS DELINEATED JUST BEYOND THE PROJECT CONSTRUCTION LIMITS AND DEPICTED IN THE PROJECT PLANS. TO PROTECT AND DELINEATE THE BOUNDARIES OF THE EXISTING RESOURCES, A FILTER FABRIC FENCE AND TEMPORARY CONSTRUCTION FENCE PER SUPPLEMENTAL SPECIFICATION 832, SHALL BE INSTALLED AT THE PROPOSED CONSTRUCTION LIMITS, MAINTAINING A ONE-FOOT BUFFER BETWEEN THE FENCE AND THE WETLAND BOUNDARIES, WHEN PRACTICABLE, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES, INCLUDING ANY NECESSARY CLEARING AND GRUBBING ACTIVITIES, AND BE MAINTAINED BY THE CONTRACTOR THROUGHOUT PROJECT CONSTRUCTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS IN ANY WETLANDS, ETC. ODOT CONSTRUCTION AND MATERIALS SPECIFICATIONS SECTION 107.10 (PROTECTION AND RESTORATION OF PROPERTY) PROHIBIT THE CONTRACTOR FROM CREATING STAGING AREAS NEAR STREAMS AND/OR WETLANDS.



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7) The project designer shall incorporate the following note into the plans:

ENDANGERED SPECIES HABITAT - INDIANA BAT/NORTHERN LONG-EARED BAT
THE ATB-322-13.56, POR-225-14.25, POR-306-2.16, STA-62-4.68, SUM-261-4.93, TRU-5-26.80,
TRU-5-30.67, TRU-87-3.31 & TRU-87-3.38

PROJECT SITES ARE 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 THESE LOCATIONS 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.

8) The project designer shall incorporate the following note into the plans:

ENDANGERED SPECIES - EASTERN MASSASAUGA RATTLESNAKE/ATB-322-13.56, TRU-5-30.67 & TRU-87-3.31
THE AFOREMENTIONED PROJECT SITES ARE WITHIN THE RANGE OF THE EASTERN MASSASAUGA RATTLESNAKE (*SISTRURUS CATENATUS*) A STATE ENDANGERED AND FEDERAL THREATENED SPECIES. IF EASTERN MASSASAUGA RATTLESNAKES ARE ENCOUNTERED IN THE WORK AREA(S) DURING CONSTRUCTION, NO PERSON SHALL HARM OR KILL THE SNAKES OR ATTEMPT TO HANDLE THE EASTERN MASSASAUGA RATTLESNAKE. ALL CONSTRUCTION OPERATIONS AT THE WORK AREA(S) SHALL TEMPORARILY CEASE AND ODOT OFFICE OF ENVIRONMENTAL SERVICES (OES) - ECOLOGICAL SECTION (614-466-5129 OR 614-466-5112) AND THE UNITED STATES FISH AND WILDLIFE SERVICE (USFWS) COLUMBUS FIELD OFFICE (614-416-8993) WILL BE IMMEDIATELY CONTACTED. CONSTRUCTION OPERATIONS WILL NOT RESUME UNTIL COORDINATION WITH ODOT OES AND USFWS HAS BEEN CONCLUDED.

9) The project designer shall incorporate the following note into the plans:

CLIFF SWALLOW - TRU-88-13.28

THE TRU-88-13.28 STRUCTURE IS KNOWN TO PROVIDE NESTING HABITAT FOR THE CLIFF SWALLOW (*HIRUNDO PYRRHONOTA*), A BIRD PROTECTED BY LAW UNDER THE MIGRATORY BIRD TREATY ACT. THE UNDERSIDE OF THE TRU-88-13.28 BRIDGE SHOULD BE CAREFULLY EXAMINED FOR THE PRESENCE OF NESTS. CLIFF SWALLOWS CONSTRUCT GOURD-SHAPED NESTS MADE OF MUD PELLETS WITH A SMALL ENTRANCE TUNNEL ON ONE SIDE. NESTS ARE TYPICALLY FOUND ON A VERTICAL SURFACE UNDER AN OVERHANG. TO AVOID IMPACTING THE SPECIES, ANY WORK THAT WOULD RESULT IN THE DISTURBANCE OR REMOVAL OF A CLIFF SWALLOW NEST MUST BE CONDUCTED AFTER AUGUST 15 AND BEFORE APRIL 30, WHEN THE BIRDS ARE NOT USING THE NESTS FOR EGG LAYING OR BROOD REARING. IF OCCUPIED NESTS ARE FOUND ON THE UNDERSIDE OF THE BRIDGE, DO NOT DISTURB THE NEST AND CONTACT THE ODOT DISTRICT 4 ENVIRONMENTAL SECTION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR HARM NESTING BIRDS.



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10) The project designer shall incorporate the following note into the plans:

MOSQUITO CREEK LAKE AND MOSQUITO LAKE STATE PARK - TRU-88-13.28

THE TRU-88-13.28 BRIDGE IS LOCATED IN PROXIMITY TO MOSQUITO LAKE STATE PARK AND THE TRU-88-13.28 BRIDGE SPANS MOSQUITO CREEK LAKE. ALL PROJECT WORK SHALL BE PERFORMED WITHIN EXISTING ROAD/BRIDGE EASEMENTS. ACCESS TO ALL MOSQUITO LAKE STATE PARK FACILITIES, INCLUDING THE NORTH AND SOUTH FISHING PLATFORMS AND THE FISHING ACCESS PARKING LOTS LOCATED ADJACENT TO SR 88 SHALL BE MAINTAINED AT ALL TIMES THROUGHOUT THE PROJECT. ADDITIONALLY, THE FISHING ACCESS PARKING LOTS SHALL NOT BE USED TO STAGE CONSTRUCTION EQUIPMENT AND/OR MATERIALS.

THE CONTRACTOR SHALL MAINTAIN SAFE BOAT ACCESS UNDER THE TRU-88-13.28 BRIDGE AT ALL TIMES DURING PROJECT CONSTRUCTION AND THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE PUBLIC AND MOSQUITO CREEK LAKE. UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR CONSTRUCTION MATERIALS ENTER MOSQUITO CREEK LAKE. HOWEVER, WATERCRAFT (BOAT, FLOATATION DEVICE, ETC.), WITH THE PRIOR APPROVAL BY THE ENGINEER, SHALL BE PERMITTED IN THE LAKE FOR CONSTRUCTION OPERATIONS SUCH AS MANPOWER TRANSPORT OR CONCRETE SEALING OPERATIONS. SHOULD ANY MATERIALS AND/OR DEMOLITION DEBRIS FALL INTO THE LAKE, ALL WORK SHALL BE STOPPED, AND ALL DEBRIS/MATERIALS, 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.

THE CONTRACTOR SHALL COORDINATE THE BRIDGE MAINTENANCE CONSTRUCTION SCHEDULE WITH THE ODOT PROJECT ENGINEER, JOSIE MCKENNA - MOSQUITO LAKE STATE PARK MANAGER (JOSIE.MCKENNA@DNR.OHIO.GOV OR 440-226-6534) AND EVAN SKORNICK - US ARMY CORPS OF ENGINEERS, SUPERVISORY OPERATIONS PROJECT MANAGER, NORTHERN AREA OPERATIONS (EVAN.M.SKORNICK@USACE.ARMY.MIL OR 814-763-5037) PRIOR TO THE BEGINNING OF CONSTRUCTION ACTIVITIES. MS. MCKENNA AND MR. SKORNICK SHALL BE INVITED TO THE PRE-CONSTRUCTION MEETING AND RECEIVE A TWO-WEEK ADVANCED NOTICE PRIOR TO THE START OF CONSTRUCTION.

11) The project designer shall incorporate the following note into the plans:

MILL CREEK PARK AVOIDANCE - MAH-680-4.81

THE MAH-680-4.81 BRIDGE SPANS MILL CREEK PARK. ALL PROJECT WORK SHALL BE PERFORMED WITHIN EXISTING INTERSTATE ROUTE 680 LIMITED ACCESS RIGHT-OF-WAY. STAGING AND/OR STORAGE OF CONSTRUCTION EQUIPMENT AND/OR MATERIALS OUTSIDE THE RIGHT-OF-WAY IS PROHIBITED. USE OF MILL CREEK PARK PROPERTY FOR ANY REASON IS ALSO PROHIBITED. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT USERS OF MILL CREEK PARK BELOW THE BRIDGE DURING PROJECT CONSTRUCTION.

12) The project designer shall incorporate the following note into the plans:

DRINKING WATER PROTECTION AREAS - SUM-261-4.75, SUM-261-4.93 & TRU-88-13.28

THE SUM-261-4.75, SUM-261-4.93 & TRU-88-13.28 BRIDGES ARE LOCATED WITHIN THE BARBERTON CITY AND WARREN CITY COMMUNITY SYSTEM DRINKING WATER SOURCE PROTECTION AREAS. USE PROPER CONTAINMENT AND DIKING IN REFUELING AREAS ESTABLISHED FOR THE PROJECT. DO NOT STORE FUELS, TOXIC/HAZARDOUS MATERIALS AND CHEMICALS NEAR DRAINAGE WAYS, DITCHES OR STREAMS. MAINTAIN A SPILL KIT ON-SITE THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS OR CHEMICALS, THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY. IF THE SPILL IS A REPORTABLE AMOUNT (PER OHIO EPA RELEASE REPORTING REQUIREMENTS), CONTACT THE SUMMIT COUNTY EMERGENCY MANAGEMENT AT 330-643-2522 OR THE TRUMBULL COUNTY EMERGENCY MANAGEMENT AT 330-675-2667 OR THE OHIO EPA SPILLS HOTLINE AT 800-282-9378 FOR CLEAN-UP OF THE SPILL.



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13) The project designer shall incorporate the following note into the plans:

OHIO & ERIE CANAL TOWPATH TRIAL - SUM-93-8.01

THE SUM-93-8.01 BRIDGE SPANS THE OHIO CANAL AND THE OHIO & ERIE CANAL TOWPATH TRAIL AND IS LOCATED ADJACENT TO THE MANCHESTER ROAD TRAILHEAD. THE CONTRACTOR SHALL NOT STAGE OR STORE ANY CONSTRUCTION EQUIPMENT AND/OR MATERIALS WITHIN THE TRAILHEAD PARKING AREA ADJACENT TO THE BRIDGE OR UNDERNEATH THE BRIDGE. THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE MANCHESTER ROAD TRAILHEAD WHILE ALSO MAINTAINING A SAFE OPEN TRAIL AND CHANNEL AT ALL TIMES DURING PROJECT CONSTRUCTION AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO ENSURE PUBLIC SAFETY BELOW THE BRIDGE WITHIN THE PROJECT CONSTRUCTION LIMITS. THE CONTRACTOR SHALL CONTACT AND PROVIDE OPERATION AND CONSTRUCTION SCHEDULE INFORMATION TO THE SUMMIT COUNTY METROPARKS - NICK MOSKOS (330-865-8040 EXT. 217) A MINIMUM 14 DAYS IN ADVANCE OF PERFORMING ANY WORK ON THE SUM-93-8.01 BRIDGE.

14) The project designer shall incorporate the following note into the plans:

STATE SCENIC RIVER/STREAM AVOIDANCE - POR-306-2.16

UNDER NO CIRCUMSTANCES SHALL ANY EQUIPMENT (LIFT, SCAFFOLDING, BACKHOE, EARTH MOVING EQUIPMENT, ETC.) AND/OR MATERIALS ENTER THE STATE SCENIC CHAGRIN RIVER OR ANY OF THE OTHER AFOREMENTIONED STREAMS. NO FILL MATERIAL (INCLUDING TEMPORARY FILLS SUCH AS COFFERDAMS, ETC.) SHALL BE PLACED BELOW THE IDENTIFIED ORDINARY HIGH WATER MARK (OHWM) OF THE STATE SCENIC RIVER OR STREAMS. 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 STATE SCENIC RIVER OR STREAMS. AN UNDER DECK APRON OR SIMILAR DEVICE SHALL BE INSTALLED TO PREVENT DEBRIS, CONSTRUCTION RUNOFF AND OTHER MATERIALS/SUBSTANCES FROM ENTERING THE STATE SCENIC RIVER OR STREAMS DURING THE PATCHING AND WATER BLASTING (CLEANING) OPERATIONS. ALL DEBRIS COLLECTED SHALL BE DISPOSED OF AT AN APPROPRIATE FACILITY ABOVE THE FEMA 100 YEAR FLOODPLAIN AND NOT WITHIN 1000 FEET OF ANY SCENIC RIVER.

15) The project designer shall incorporate the following note into the plans:

PAINTING AND SEALING OPERATIONS - POR-306-2.16

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 BRIDGE STRUCTURE FROM ENTERING THE STATE SCENIC CHAGRIN RIVER/AURORA BRANCH AND/OR OTHER STREAMS, WETLANDS OR OTHER WATERS OF THE UNITED STATES AND TAKE THE APPROPRIATE ACTIONS IN THE EVENT OF 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 THE STATE SCENIC CHAGRIN RIVER/AURORA BRANCH AND UNDER NO CIRCUMSTANCES SHALL ANY SEALER BE STORED WITH THE 100-YEAR FLOOD PLAIN OF THE STATE SCENIC CHAGRIN RIVER/AURORA BRANCH.



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Edward Deley (PROGRAM ADMIN 3)	6/29/2021



Appendix

General

Project Description Continued.pdf

Project Description Proposed Bridge Maintenance Table.pdf

USGS Quadrangle Topographical Map.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Ecological

ATB-322-13.56 USFWS Signed Consult Form.pdf

ODNR Comments

ODNR Scenic River MOA Conditions

State Scenic River Correspondence.pdf

State Scenic River Mapping.pdf

TRU-5-30.67 USFWS signed Consult Form.pdf

TRU-87-3.31 USFWS Signed Consult Form .pdf

USFWS/ODNR Ecological MOA Conditions

Other Resources

Urbanized Area Map.pdf

Water Source Protection Area Map.pdf

Underserved Populations

Census Mapping.pdf

Underserved Populations Documentation Form.pdf

Public Involvement

District Website Posting.pdf

Emergency and Public Services Notification List.pdf

Emergency and Public Services Notification.pdf

Press Release.pdf

Project Notification Flyer - TRU-87-3.31.pdf

Property Owner Notification Letter for right-of-entry.pdf

Public Comments Received - City of Akron.pdf



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Public Comments Received -Carter Lumber.pdf

Public Notification Mailing List.pdf

Response to Public Comments - Carter Lumber.pdf

Response to Public Comments - City of Akron.pdf

Stakeholder Notification - TRU-88-13.28.pdf

Permits

District Determination - No Floodplain Impacts.pdf

FEMA FIRM.pdf