



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document** for **POR SR 0082 05.84 PID 111007** Environmental Document Level: C2

**Approved: 1/5/2021**

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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 June 6, 2018, and executed by FHWA and ODOT.*

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C2

<b>PID:</b>	111007
<b>Project Sponsor:</b>	DISTRICT 4-PLANNING
<b>ODOT District:</b>	4
<b>Funding Source:</b>	Federal
<b>Private Funding:</b>	No
<b>Project Description:</b>	

The Ohio Department of Transportation (ODOT) proposes to construct a modern single-lane roundabout at the existing two-way stop-controlled State Route (SR) 82-Twinsburg-Warren Road/Chamberlain Road-County Road (CR) 265 intersection in Mantua Township, Portage County. Proposed roundabout design elements at this intersection include an approximate 140-foot circle radius, splitter islands along all roadway approaches and access changes to parcels in all intersection quadrants. Existing enclosed storm drainage system will be reconstructed with new catch basins, storm sewers and culvert replacements along the western and southern approaches to the intersection. The project will construct new concrete curb/gutter and center islands, install traffic signs, storm runoff vegetated filter/biofilter areas, landscaping and roundabout lighting, reconstruct driveways and apply new pavement markings. Moreover, the project will resurface approximately 0.24 mile of SR 82 and install center and edge rumble stripes through the existing curve west of the intersection. Mapping that depicts the project on a United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Map is included in Project File/General/Project Information as USGS Quadrangle Topographical Map.pdf.

The SR 82/Chamberlain Road intersection will be closed for a maximum of 90 consecutive days to construct the project. The proposed SR 82 detour will be posted along SR 44, SR 303 and SR 43 while the proposed Chamberlain Road detour will be posted along Winchell Road, Mantua Center Road, Diagonal Road and Pioneer Trail. Construction and intersection closure/detour information will be posted prior to the start of project construction and updated/posted prior to each construction phase/traffic pattern change. Access shall be maintained to all adjacent properties, businesses and intersecting side streets for the duration of project construction. Substantial traffic disruptions are not expected during project construction.

A total of 0.588 acre of new permanent right-of-way will be acquired from four (4) parcels and 0.405 acre of temporary right-of-way will be acquired from three (3) parcels to construct the project. Total property/structure takes or relocations are not proposed by the project. The SR 82 resurfacing part of the project will be constructed within the existing roadway right-of-way. See right-of-way plan information for the project in the Project File/General/Project Information subsection as Stage 2 Design.pdf.

Minor relocations of existing utilities within the project study area will be necessary to construct the project. These minor utility relocations will occur within the existing and proposed new permanent roadway right-of-way. Utilities will not be permanently removed to construct the project. Coordination with the utility companies affected by the proposed construction activities was conducted for the project during its preliminary engineering phase and will continue during its detailed design phase.

The Area for Potential Effects (APE) for History/Architecture (H/A) resources includes the footprint of the undertaking as well as buildings on parcels of land adjacent to the project limits, where right-of-way is needed to construct the project. The APE for archaeological properties includes the existing roadway and proposed work limits with an additional 10-foot buffer. Based on the results of the Section 106 Records Check, the



project scope, absence of eligible or listed properties for the National Register of Historic Places (NRHP) within the APE, and in accordance with Stipulation V(C)(2) of the Section 106 Programmatic Agreement executed on November 8, 2017, amended on July 11, 2019 (Agreement No. 19319), and in compliance with 36 CFR 800.4(d)(1), ODOT Office of Environmental Services (OES) determined that 'no historic properties affected' is the appropriate finding for the proposed project based on the following:

1. Based on the absence of archaeological deposits, disturbed conditions, and the limited area of construction, no further archaeological investigations are warranted for the project.

2. There are no properties in the APE that are eligible for or listed on the NRHP. No further History/Architecture investigations are warranted for the project.

The Ohio State Historic Preservation Office (OSHP) did not comment on nor object to the project during the 15-day review/comment period for the project. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the Cultural Resources Tab.

The Delaware Nation agreed with both the findings of eligibility and the effect determination for the project.

The Delaware Tribe of Oklahoma did not comment on nor object to the project within the 30-day review/comment period for the project. See the tribal consultation documentation for the project in the Cultural Resources Tab.

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

**STIP Reference #:**

111007: 21-24 STIP/SLI Group  
Project. Fiscal constraint is at SLI  
Group level.

**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.)**

(27) Highway safety or traffic operations improvement projects, including the installation of ramp metering control devices and lighting, if the project meets the constraints in paragraph (e) of this section. **Examples include: Lane reduction ("road diet") changes provided traffic analysis is completed; Railroad projects that close at-grade crossings to improve safety or traffic operations.**

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.



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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.

<b>Waterways:</b>	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
<b>Waterways Permit Type:</b>	Permit Determination and/or Permit Application Approval Pending
<b>Isolated Wetland Permit</b>	No
<b>Endangered Species:</b>	Present; No finding of May Affect, Likely to Adversely Affect
<b>Endangered Species - Coordination</b>	May Affect, Not Likely to Adversely Affect
<b>Endangered Species - Coordination Date</b>	07/31/2020
<b>Endangered Species - Critical Habitat Present/Impacted</b>	
Eastern massasauga	
<b>Endangered Species - Other Critical Habitat Present/Impacted:</b>	No
<b>100-Year Floodplain:</b>	No Encroachment Within a Special Flood Hazard Area (SFHA)
<b>Section 4(f):</b>	Not present
<b>Section 6(f):</b>	Not present
<b>Cultural Resources:</b>	Present; No Finding of Adverse Effect
<b>Cultural Resources Coordination:</b>	No Historic Properties Affected
<b>Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date</b>	07/17/2020
<b>Tribal Consultation Summary/Remarks:</b>	

The ODOT EnviroNet System notified the Delaware Nation and the Delaware Tribe of Oklahoma about the project. The Delaware Nation agreed with both the findings of eligibility and the effect determination for the project. The Delaware Tribe of Oklahoma did not comment on nor object to the project within the 30-day review/comment period for the project. See the tribal consultation documentation for the project in the Cultural Resources Tab.

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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<b>Air Quality:</b>	Studies Not Required
<b>Air Quality - Coordination with OES:</b>	Yes
<b>Air Quality - OES Approval Date:</b>	04/07/2020
<b>Noise:</b>	Studies Not Required
<b>Noise Coordination - OES Approval Date:</b>	04/07/2020
<b>Hazardous Materials - ESA Screening Conducted</b>	Yes
<b>Hazardous Materials - OES Approval Date:</b>	07/20/2020
<b>Phase I ESA Warranted Based on Coordination with OES:</b>	No Further Studies Warranted
<b>Farmland:</b>	Non-Urbanized Area; No Impacts in Accordance With the Farmland MOU, 7 CFR 658, and ORC 929.05
<b>Scenic Rivers</b>	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.	
<b>Underserved Populations</b>	Does Not Exceed UP Guidance Criteria; No UP Analysis Report Required and No UP Issues Raised During Public Involvement
<b>Public Involvement:</b>	Minimum PI Requirements Met; No Minor Public or Agency Controversy on Environmental Grounds
<b>Environmental Commitments</b>	Yes



## Environmental Commitments

### C2

1) The project designer shall incorporate the following note into the plan:

**WETLANDS AVOIDANCE:** NO EXCAVATION, GRADING OR FILLING OPERATIONS SHALL BE PERFORMED IN THE WETLANDS DELINEATED 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 MINIMUM ONE-FOOT BUFFER BETWEEN THE TEMPORARY CONSTRUCTION FENCE AND THE WETLAND BOUNDARIES, PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES, INCLUDING ANY NECESSARY CLEARING AND GRUBBING ACTIVITIES, AND MAINTAINED BY THE CONTRACTOR THROUGHOUT PROJECT CONSTRUCTION AND REMOVED BY THE CONTRACTOR UPON PROJECT COMPLETION. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE EQUIPMENT 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.

2) The designer shall incorporate the following recommendation as a plan note into the construction plan. This requirement is necessary to avoid and minimize impact to the Eastern Massasauga as required by the Endangered Species Act:

**EASTERN MASSASAUGA RATTLESNAKE:** SUITABLE HABITAT FOR THE FEDERALLY LISTED, THREATENED EASTERN MASSASAUGA RATTLESNAKE (*SISTRURUS CATENATUS*) IS PRESENT WITHIN OR IMMEDIATELY ADJACENT TO THE PROJECT AREA, BUT WILL NOT BE DIRECTLY IMPACTED BY THE PROJECT. DUE TO THE POTENTIAL FOR THE SNAKES TO OCCUR WITHIN THE PROJECT AREA DURING CONSTRUCTION, WORKERS WILL BE INSTRUCTED TO NOT HARM OR KILL THE SNAKES AND TO USE CAUTION, AS THE EASTERN MASSASAUGA IS A VENOMOUS SPECIES. IF THIS SPECIES IS ENCOUNTERED WITHIN THE CONSTRUCTION LIMITS DURING CONSTRUCTION OPERATIONS, ALL CONSTRUCTION OPERATIONS WILL CEASE AND THE U. S. FISH AND WILDLIFE SERVICE (USFWS) COLUMBUS FIELD OFFICE BE NOTIFIED IMMEDIATELY (614-416-8993). ACTIVITY (CONSTRUCTION OPERATIONS) WILL NOT RESUME UNTIL COORDINATION WITH THE USFWS HAS BEEN CONCLUDED.

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

**OLD COUNTRY INN PUBLIC DRINKING WATER SUPPLY:** THIS PROJECT IS LOCATED IN OR NEAR THE SOURCE OF A PUBLIC DRINKING WATER SUPPLY. TO MINIMIZE THE POTENTIAL TO CONTAMINATE THIS WATER SUPPLY, PROJECT RELATED REFUELING AND MAINTENANCE ACTIVITIES SHALL NOT BE PERFORMED FROM STA 13+50 TO STA 16+25 AND STA 196+50 TO STA 200+00. THE CONTRACTOR SHALL IMMEDIATELY TAKE STEPS TO MITIGATE ANY EVENT, SUCH AS A SPILL OF FUELS, OILS OR CHEMICALS, THAT COULD THREATEN TO CONTAMINATE THE DRINKING WATER SUPPLY. ANY SUCH SPILL OR EVENT SHALL BE REPORTED IMMEDIATELY TO J & B REAL ESTATE MANAGEMENT CO., INC., [LANDOWNER] OF OLD COUNTRY INN AT 330-562-7734. IF THE SPILL IS A REPORTABLE AMOUNT, THE CONTRACTOR SHOULD CONTACT MANTUA SHALERSVILLE FIRE DEPARTMENT AT 330-274-3535 FOR CLEANUP OF THE SPILL.



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### Preparers and Approvals

**Form Preparer:**

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Brian Peck  
Elizabeth Stober  
Jim Burns  
Susan Daniels

### Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	1/5/2021



## Appendix

### General

Aerial Map.pdf

County Map.pdf

Project Description Continued.pdf

USGS Quadrangle Topographical Map.pdf

### Air

Project Related OES Decision - Air.pdf

### Noise

Project Related OES Decision - Noise.pdf

### ESA

OES Recommendations - Screening - POR 82 Roundabout.pdf

Regulated Materials Review Form - Resurfacing SLM 5.84-6.14.pdf

Regulated Materials Review Form - POR 82 Roundabout.pdf

### Cultural Resources

Buckeye Assets Mapping.pdf

Records Check.pdf

SHPO Comments

Transmittal 1 - Effect Determination

Tribal Consultation

### Ecological

Coordination with ODNR and USFWS.pdf

ODOT Disposition of Agency Comments.pdf

USFWS Comments Consult Form POR-82-6.14 PID 111007 - signed.pdf

### Other Resources

Water Source Protection Area Map.pdf

Well Log Data.pdf

### Underserved Populations

Census Mapping.pdf

Underserved Populations Documentation Form.pdf



## Public Involvement

Correspondence with Stakeholders - Aurora City 2-12-2020.pdf

Correspondence with Stakeholders - Detours 10-6-2020.pdf

Correspondence with Stakeholders - Mantua Township 2-12-2020.pdf

Correspondence with Stakeholders - PCEO 2-12-2020.pdf

Local Services Email Notification 5-18-2020.pdf

Local Services Notification Email List 5-18-2020.pdf

News Article - Record Courier 4-8-2019.pdf

Post Public Meeting News Article- Record Courier 10-5-2020.pdf

Press Release 5-7-2020.pdf

Project website created 8-27-2020 Snap Shot.pdf

Project Website Posting (created 8-27-2020).pdf

Project Website Posting 5-7-2020.pdf

Property Owner Mailing List 5-18-2020.pdf

Property Owner Notification Mailer 5-18-2020.pdf

Property Owner Right of Entry Letter.pdf

Public Comments Received - May 2020 Public Involvement.pdf

Public Meeting - Paid Ad Proof 9-11-2020.pdf

Public Meeting Comment Call and Voicemail Log.pdf

Public Meeting Comments Received - as of 11-3-2020.pdf

Public Meeting News Article - The Weekly Villager 10-1-2020.pdf

Public Meeting Notification - Email Notification.pdf

Public Meeting Notification Mailer.pdf

Public Meeting Notification News Release.pdf

Public Meeting Pre-Meeting Presentation.pdf

Public Meeting Presentation.pdf

Public Meeting Press Release.pdf

Public Meeting Response to Individual Comments 11-3-2020.pdf

Public Meeting Transcript.pdf

Public Meeting Video.mp4

Public Mtg Flyer Posting Locations - Delivered 9-10-2020.pdf.pdf

Response to Public Comments - May 2020 Public Involvement.pdf



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Response to Public Comments - 10-1-2020 Public Meeting.pdf

Response to Public Comments - Website Snap SHot 12-21-2020.pdf

Website Post - Nextdoor.com.pdf

Website Posting Snap Shot 5-18-2020.pdf

**Permits**

FEMA FIRM.pdf