



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

MAH W Reserve Rd Roundabout PID 99802

Environmental Document Level: C2

Approved: 3/7/2018

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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:	99802
Project Sponsor:	MAHONING COUNTY ENGINEER
ODOT District:	4
Funding Source:	Federal
Private Funding:	No
Project Description:	

The Mahoning County Engineer (MCE) proposes to construct a 5-approach roundabout at the intersection of Western Reserve Road, North Lima Road and Springfield Road in Poland and Springfield Townships, Mahoning County, Ohio. The existing intersection is composed of 5 approaches controlled by stop signs in each direction. The existing intersection configuration leads to driver confusion and delayed stop times resulting in substantive traffic congestion during peak hours. The proposed roundabout will maintain full access to all 5 approaches at the intersection and improve traffic flow by providing a continuous movement of vehicles where entering drivers yield to circulating traffic. Access points to the Sami Quick Stop convenience store and the New Life Church properties will also be reconstructed to provide safer ingress and egress from these properties.

Approximately 0.05 acre of a Category 1 emergent wetlands (Wetland A) will be permanently impacted to construct the project. The project will not impact any other environmentally sensitive resources within the project study area.

Access to all residences, businesses and properties will be maintained at all times during project construction. In an effort to minimize impacts to traffic, construction of the proposed roundabout will be completed in two phases. Road closures with signed detour routes will be implemented during each phase. Access through the intersection will be maintained on at least two approaches at all times. Local emergency services and community services will be notified by the MCE a minimum of fourteen (14) days in advance of anticipated road closures/detours.

New permanent right-of-way (ROW) will be required to accommodate the proposed roundabout and associated utility relocations. A total of 0.8863 acre of new permanent ROW will be acquired from five (5) parcels to construct the project. 0.007 acre of new permanent sewer easement will also be required from one (1) parcel and a total of 0.693 acre of temporary ROW from six (6) parcels will be acquired to construct the project. Final ROW plans for the project are included in the Project File. Utility coordination is ongoing throughout the project development process and will continue as necessary. A Utility Coordination Log detailing utility coordination, to date, is also included in the Project File.

A property owner notification letter was sent in August 2016 about the presence of survey crews in the project study area. Another property owner notification letter was sent in August 2017 to notify property owners that crews would be conducting geotechnical work for the project. A public involvement meeting for the project was initially scheduled on December 14, 2017. A public involvement meeting notification letter was mailed



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on November 13, 2017. This meeting, however, was subsequently rescheduled to accommodate the necessary public involvement meeting advertisement publication timeframes. Therefore, the open house public involvement meeting was conducted on January 11, 2018, from 5:00 p.m. to 7:00 p.m. at the New Life Christian Church located at 2250 E. Western Reserve Road, Poland, Ohio. On December 11, 2017, EMH&T, the project consultant, mailed another public involvement meeting notification letter to property owners/tenants, businesses and public officials, including local emergency and public service providers. A public involvement meeting notification requesting public participation was also posted on the MCE website. Moreover, a public involvement meeting advertisement was published for the project in the Youngstown Vindicator on December 17, 2017, and on January 7, 2018. The meeting was additionally announced on the WKBN website on December 11, 2017. The purpose of the public involvement meeting was to present and discuss the project with the general public, residents, business/property owners and public officials and to solicit public comments regarding any potential social, economic and/or environmental impacts associated with the project. Informational materials distributed to attendees explained the purpose of and presented information about the proposed roundabout. Exhibits depicting the proposed roundabout, environmental impacts, ROW impacts and a detour map were available for the public to view while representatives from the MCE, ODOT District 4 and EMH&T were available to address questions and receive comments. A copy of the public involvement documentation for the project is included in the Project File. A total of twelve (12) comments were received as a result of the public involvement activities conducted for the project. A summary of public comments with responses to comments were posted to the MCE website and is also included in the Project File.

The environmental document and associated studies, as applicable, were approved using the Stage 2 Design plans for the project. A copy of the Stage 2 Design plans for the project is included in the Project File.

STIP Reference #

2018stipID0188FDRW/2018stipID0188FDCO and is fiscally constrained.

Select the appropriate project type:

(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. 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.



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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
100-Year Floodplain:	No Encroachment Within a Special Flood Hazard Area (SFHA)
Section 4(f):	Not present
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:	12/05/2017
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:	Yes
Air Quality - OES Approval Date:	07/17/2015
Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	07/17/2015
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	09/15/2017
Phase I ESA Warranted Based on Coordination with OES:	No Further Studies Warranted
Farmland:	Urbanized Area; No Impacts in Accordance With the Farmland MOU and 7 CFR 658
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



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Public Involvement:

Minimum PI Requirements Met; No
Minor Public or Agency Controversy
on Environmental Grounds

Environmental Commitments

Yes



Environmental Commitments

C2

- 1) LOCAL EMERGENCY SERVICES AND COMMUNITY SERVICES WILL BE NOTIFIED BY THE MAHONING COUNTY ENGINEER'S OFFICE A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF ANTICIPATED DETOURS.
- 2) THE PROJECT DESIGNER SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: THE MAHONING COUNTY ENGINEER'S OFFICE WILL OBTAIN ALL NECESSARY WATERWAY PERMITS PRIOR TO PROJECT CONSTRUCTION. THE CONTRACTOR IS NOT AUTHORIZED TO PLACE ANY FILL OR WORK BELOW THE ORDINARY HIGH WATER MARK OF ANY WATERWAY UNTIL THE WATERWAY PERMIT(S) ARE OBTAINED FOR THE PROJECT.
- 3) THE PROJECT DESIGNER SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: WETLANDS EXIST WITHIN THE PROJECT CONSTRUCTION LIMITS. IMPACTS TO 0.05 ACRE OF WETLANDS WILL OCCUR. TO PROTECT AND DELINEATE THE BOUNDARY OF THE EXISTING REMAINING AREA OF WETLANDS, 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 BOUNDARY (WHEN PRACTICABLE), PRIOR TO THE START OF 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. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR STORE CONSTRUCTION EQUIPMENT WITHIN THE WETLAND BOUNDARY.
- 4) THE PROJECT DESIGNER SHALL INCORPORATE THE FOLLOWING NOTE INTO THE PLANS: THE CONTRACTOR SHALL IMMEDIATELY REMOVE ALL MATERIALS FROM WETLANDS 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 MATERIALS IN TO WETLANDS, 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.
- 5) 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.
- 6) 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 STREAMS. ANY DEBRIS THAT DOES FALL INTO DITCHES, WETLANDS AND/OR STREAMS 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 OR ANIMAL LIFE.



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Preparers and Approvals

Form Preparer:

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Supporting Form Preparer(s):

Jeffrey Cutler
Sean Carpenter
Melissa Benoit

Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	3/7/2018



Appendix

Noise

OES Approval - No Analysis Required.pdf

Air

OES Approval - No Air Analysis Required.pdf

General

County Map.pdf

USGS Quadrangle Topographical Map.pdf

ESA

RMR Coordination.pdf

Cultural Resources

OES Section 106 Effect Determination.pdf

Ecological

OES Approval - No ODNR and USFWS Notification.pdf

Wetland Finding.pdf

Other Resources

Water Source Protection Area Map.pdf

Site Specific Resource Mapping.pdf

Underserved Populations

Census Mapping.pdf

Public Involvement

Public Meeting Handouts.PDF

Property Owner Notification Letter - Geotech.pdf

Public Meeting Notification - 11-13-2017.pdf

Public Meeting Sign In Sheet.pdf

Press Release.pdf

News Article - WKBN.pdf

Public Comments Received.pdf

Response to Public Comments.pdf

Public Notification Mailing List.pdf



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Stakeholder Contact List.pdf

Public Meeting Notification.pdf

Property Owner Notification Letter - Survey.pdf

Public Meeting Exhibits.pdf

County Website Posting.pdf

Permits

FEMA FIRM.pdf