



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 02
317 E. POE RD. • BOWLING GREEN, OH 43402 • 419-353-8131

Environmental Document

for

SEN SR 12 3.83 Roundabout PID 120096

Environmental Document Level: D1

Approved: 5/12/2026

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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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Project Type

~(1)-(3) Reserved for future use.

Please check all of the following actions that apply (Must check at least one):



General Project Information

Project, Cost Schedule and Work Limits

Environmental Document Level

PID 120096

Project Name SEN SR 12 3.83 Roundabout

Project Sponsor District 2 Engineering

ODOT District 2

Funding Source Federal

The next phase of the proposed project is listed on the STIP Yes

Ellis STIP Details

Phase	Current STIP Reference
ENV	On Previous STIP
RW	120096: 26-29 STIP
CO	120096: 26-29 STIP
DD	120096: 26-29 STIP

The current cost estimate is in line with existing federal procedures for Ohio STIP Amendments and Administration Modifications Yes

An Interchange Modification/Justification/Operations Study (IMS/IJS/IOS) was completed No

Project Description:



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The Ohio Department of Transportation is proposing to install a roundabout at the intersection of State Route (SR) 12 (Fostoria Fremont Road) and West County Road 592 in Jackson Township, Seneca County, Ohio.

The existing 4-leg stop-controlled intersection is located in Seneca County just outside of the City of Fostoria. SR 12 runs southwest-northeast and CR 592 runs east-west, intersecting at approximately a 30-degree skew. SR 12 is classified as a 2-lane rural principal arterial south of the intersection and a rural minor arterial north of the intersection. CR 592 is classified as a 2-lane rural major collector and serves as an alternate route to cross northwestern Seneca county, bypassing the Cities of Fostoria and Tiffin. In December 2022, a Safety Study was completed to evaluate existing safety conditions and to identify potential countermeasures at the intersection. Based on review of crash data, 21 relevant crashes within the study area occurred during the 3-year study period of 2019-2021. One (5%) of the crashes was fatal and an additional 12 (57%) crashes resulted in injury. The study recommended converting the intersection from two-way stop control to a single-lane modern roundabout. Additional improvements include lighting, drainage, signing, and striping work.

Based on the Drainage Comparison Report, Muskellunge Creek will be relocated to the northwest side of SR 12 north of the roundabout by installing a three-legged storm sewer. This includes both a 48" storm sewer draining the western quadrant and a new 58" X 91" reinforced concrete elliptical pipe (RCEP) carrying Muskellunge Creek to a 108" manhole in the interior of the roundabout. This outlets through a new 58" X 91" RCEP storm sewer to the relocated Muskellunge Creek. Finally, the 58" x 91" culvert under CR 592 is being extended to the south. The existing 72" culvert and headwalls will remain.

Permanent right-of-way and temporary easements will be required to complete this work. Construction is currently scheduled to begin in April 2028 and be completed in August 2028.

The project is estimated to cost approximately \$4.5 million and is listed on the current 2026-2029 STIP. This estimate will be refined as project development continues. The project will use federal and state funds.

The environmental document and associated studies are being approved using Stage 2 Design Plans. A copy of the plans is included in the Project File.

Limits of Proposed Work

Start (SLM): 3.83

End (SLM): 4.10

Total Work Length (Miles): 0.27

Roadway Character

Route Number: CR00592

Functional Classification: Major Collector (Rural)

Current Average Daily Traffic: 4500

Current Average Daily Traffic Year: 2028

Design Year Average Daily Traffic: 5200

Design Average Daily Traffic Year: 2048

Daily Hourly Volume: 520

Truck %: 10

Setting: Rural

Topography: Level

Design Speed (MPH):	60	60
Legal Speed (MPH):	55	55
Number of Lanes:	2	2



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Type of Lanes:	Thru	Thru
Pavement Width (ft):	26	26
Shoulder Width (ft):	6	8
Median Width (ft):	N/A	N/A
Sidewalk Width (ft):	N/A	N/A

Route Number: SR00012

Functional Classification: Principal Arterial - Other (Rural)

Current Average Daily Traffic: 3300

Current Average Daily Traffic Year: 2028

Design Year Average Daily Traffic: 3400

Design Average Daily Traffic Year: 2048

Daily Hourly Volume: 370

Truck %: 17

Setting: Rural

Topography: Level

Design Speed (MPH):	60	60
Legal Speed (MPH):	55	55
Number of Lanes:	2	2
Type of Lanes:	Thru	Thru
Pavement Width (ft):	26	26
Shoulder Width (ft):	4	8
Median Width (ft):	N/A	N/A
Sidewalk Width (ft):	N/A	N/A

No bridge data for PIDs associated with this CE Form

Maintenance of Traffic During Construction

A roadway, bridge or ramp closure is required Yes

A temporary bridge or roadway is proposed No

A detour is required for the proposed project Yes

Access for local through traffic will be provided with appropriate signage Yes

Provisions for through-traffic dependent businesses will be incorporated into project design Yes



Provisions to accommodate any local special events or festivals will be incorporated into project design No

The proposed MOT substantially impacts sensitive environmental resources No

Substantial controversy is associated with the proposed MOT No

Coordination has been initiated and/or completed with local emergency services, schools, public institutions/facilities, etc. Yes

Remarks:

The intersection will be closed during construction. Therefore, traffic will be detoured via the following detour routes:

- CR 592 traffic will be detoured via U.S. 23 to CR 62 to SR 635.
- SR 12 traffic will be detoured via U.S. 23 to U.S. 6 to SR 53.

The original detour route was revised based on public comments received from Jackson Township. The revised Maintenance of Traffic exhibits were posted to the project website on 4/28/2026.

Maintenance of Traffic exhibits can be found in the Project File/Public Involvement/Project Information subsection.

Are there any Environmental Commitments? No

Right of Way and Utility Involvement

The project requires Permanent Right-of-Way Yes

The project requires Permanent Easement(s) Yes

The project requires Temporary Right-of-Way Yes

Number of parcels impacted by Permanent Right-of-Way: 11

Number of parcels impacted by Temporary Right-of-Way: 6

Approximate acreage of Permanent Right-of-Way needed: 2.938

Approximate acreage of Temporary Right-of-Way needed: 0.550

Electrical lines, gas lines, water lines, sewer lines, phone lines or other utilities exist in the project area Yes

Large scale transmission facilities are located within the project area No

Private utility easements are located within the project area No

Coordination with identified utilities has been initiated and/or completed Yes

Remarks:



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The proposed project will require approximately 0.550 ac of temporary right-of-way from 6 parcels and 2.938 acres of permanent right-of-way from 11 parcels. The project will not involve total property takes or relocations.

Final Right-of-Way Plan Sheets can be found in the Project File/General/Project Information subsection.

All utilities listed on the project plans or identified during construction will be relocated or adjusted by the owner of the utility. All utility work shall be coordinated between the contractor and the utility owners in such a way as to avoid and/or minimize any inconvenience to potentially affected customers. All utility work not included in this contract shall be performed by the affected utility owner or its contractor and will be compliant with ODOT roadway design standards. Utility coordination will be ongoing throughout construction of the project.



Purpose & Need

Purpose & Need

Project History:

The intersection of State Route (SR) 12 and County Road (CR) 592 is located in Jackson Township, Seneca County, Ohio, approximately 2 miles northeast of the City of Fostoria.

SR 12 is classified as a 2-lane rural principal arterial south of the intersection and a rural minor arterial north of the intersection. The state route runs northeast to southwest within the project study area and serves as a connector between the City of Findlay and SR 53 (which leads into the City of Fremont).

CR 592 is classified as a 2-lane rural major collector. The county road runs east to west and serves as an alternate route to cross northwestern Seneca County, bypassing the Cities of Fostoria and Tiffin. Both roads have posted speed limits of 55 mph. A review of sight distance in November 2022 found that the sight distance from CR 592 exceeds the minimum for all the sight lines per the Location and Design Manual.

The existing intersection has four legs, is stop-controlled along CR 592, intersects at approximately a 30-degree angle, and has no existing turn lanes. Traffic on SR 12 does not stop. Signage on CR 592 includes dual 36" stop ahead signs and dual 36" stop signs with a 24"x12" "cross traffic does not stop" plaque under the stop signs.

Various upgrades to the existing intersection have occurred over the past 12 years, these include:

- 2013: Dual intersection warning signs were installed on SR 12 as well as dual stop ahead and stop signs on CR 592.
- 2017: Pavement markings were installed to encourage motorists to square up to the intersection when approaching from CR 592. These pavement markings have not been maintained and are no longer visible.
- 2023: 36" LED legend stop signs were installed and monitored for 1 year post installation.

In December 2022, ODOT District 2 completed a Safety Study that analyzed crash data from 2019-2021. After evaluating the data, the study identified various alternatives which include a traffic signal, a multi-way stop, turn lanes, or a roundabout.

Purpose Statement:

The purpose of the project to address geometric deficiencies at the intersection of SR 12 and CR 592.

Need Element(s):

Primary Need - Geometric Deficiency:

Based on the 2022 Safety Study, 21 crashes occurred at this intersection during the 3-year study period, including 1 (5%) fatal crash and 12 (57%) injury crashes. The most common type of crash (81%) were angle crashes from vehicles from CR 592 failing to yield to traffic along SR 12 (76%). The Safety Study suggested that these high percentages could be due to limited sight distance on CR 592, distracted driving, driver impatience, and high speeds on SR 12 causing motorists crossing on CR 592 to misjudge timing.

Goals and Objectives:

N/A

Summary Statement:

N/A

Logical Termini and Independent Utility:

The project termini encompasses approximately 1,450 feet of SR 12 (north to south) and 1,050 feet of CR 592 (east to west) to appropriately address the intersection's geometric deficiency needs.

The proposed project is independent of any other planned transportation improvement and is not part of a long-range plan that requires additional components to be implemented separately. The project will serve as a usable and reasonable expenditure of funds without the need for other additional transportation improvements in the area.



Alternatives

Alternatives

Discuss No Build Alternative:

The No Build Alternative would not make any improvements to the SR 12 and CR 592 intersection other than routine maintenance. As a result, geometry at the existing intersection would not be addressed or improved. As the No Build Alternative will not address the purpose and need for the project, it has been dismissed from further consideration.

Was a Feasibility Study completed?

No

Was an Alternative Evaluation Report (AER) completed?

No

Alternatives Considered

Name	Description	Reason Dismissed	Preferred Alternative
Traffic Signal	This alternative would install a traffic signal at the intersection.	This alternative would not address the purpose and need of the project to address geometric deficiencies at the intersection. Therefore, it was dismissed from further consideration. Additionally, according to the 2022 Safety Study, when the traffic counts and crash history were analyzed in accordance with the Ohio Manual of Uniform Traffic Control Devices (OMUTCD), the intersection met only one of the nine warrants for a traffic signal.	No



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All-Way Stop Control	This alternative would convert the intersection to an all-way stop.	This alternative would not address the purpose and need of the project to address geometric deficiencies at the intersection. Therefore, it was dismissed from further consideration. Additionally, the 2022 Safety Study determined that the intersection did not meet warrants for a multi-way stop.	No
Right/Left Turn Lanes	This alternative would install right and/or left turn lanes for all intersection approaches.	This alternative would not address the purpose and need of the project to address geometric deficiencies at the intersection. Therefore, it was dismissed from further consideration. Additionally, the 2022 Safety Study determined that turn lanes are not warranted at the intersection.	No
Single-Lane Roundabout	This alternative would convert the intersection into a modern single-lane roundabout.	N/A	Yes

Discuss Reasons Alternative Identified as Preferred was selected:

The preferred alternative would construct a single-lane roundabout at the SR 12 and CR 592 intersection. This alternative was selected due to its improved intersection geometry and safety benefits. The roundabout size, location, and approach type were chosen to minimize impacts to the surrounding residential and agricultural properties.

The selection of this alternative was made by ODOT District 2 based on recommendations in the *District 2 Planning & Engineering SEN-12-3.99 Safety Study*, dated December 31, 2022.



Air

Mobile Source Air Toxics (MSATs)

Sensitive Areas are located within approximately 500' of the proposed project area Yes

The proposed project is listed as a C1 in ODOT's CE Guidance and/or falls under 40 CFR 93.126 Yes

Remarks:

The proposed project involves the construction of a single-lane roundabout (with no additional travel lanes) and is exempt from Mobile Source Air Toxics (MSAT) analysis in accordance with 40 CFR 93.126. The project will not result in meaningful changes to traffic volumes, vehicle mix location of the existing facility, or other factors that would cause an increase in air impacts relative to the no-build alternative.

The Flowchart Decision document can be found in the Project File/Air/Coordination.

Particulate Matter 2.5 (PM2.5)

The proposed project is in an air quality non-attainment or maintenance area No

Remarks:

Seneca County is not in a PM 2.5 maintenance or non-attainment area. Therefore, a PM 2.5 analysis is not required.

Carbon (CO)

The State of Ohio is in attainment for CO at this time and no coordination or analysis is required

Ozone

The proposed project is in an Ozone non-attainment or maintenance area No

The proposed project is listed on the TIP No

Remarks:

The proposed project is not located in an ozone maintenance area and the project is listed on the 2026-2029 Ohio Statewide Transportation Improvement Program (STIP). Therefore, ozone is addressed.

See STIP listing in the Project File/General/Project Information.

Greenhouse Gas

A Quantitative Greenhouse Gas (GHG) Analysis is required No



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Remarks:

N/A

Environmental Commitments

Are there any environmental commitments? No



Noise

Noise

Noise Sensitive Areas located within approximately 500' of the proposed project area	Yes
Noise Analysis conducted	No
The proposed project is a Type I project	No
The proposed project is a Type II project	No

Remarks:

The project does not qualify as a Type I project for noise (i.e., not adding capacity, not moving thru travel lanes equal to or greater than 50% closer to noise sensitive areas) and a noise analysis is not required for the project under 23 CFR 772.

Environmental Commitments

Are there any environmental commitments? No



RMR

RMR

Does the project require any Permanent ROW or Easement?	Yes
Does the project require any temporary ROW?	Yes
RMR Screening was completed by District Staff:	No
Are there any OEPA and/or USEPA regulated sites?	No
Date of RMR Screening IOC from OES:	12/18/2025
Do any sites require a RMR Assessment, RMR Investigation, or plan note according to the IOC from OES?	No
Date No ROW RMR was completed:	12/18/2025

Remarks:

A Regulated Materials Review (RMR) Screening Report was prepared by Clune Consulting Services in accordance with the ODOT RMR Manual dated February 2023. Based on the results of the screening, no further studies were recommended.

See the RMR Screening Report and RMR ODOT Decision Document in the Project File/RMR subsection.

Landfills

Is a Rule 513 Authorization required?	No
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Remarks:

Based on the results of the Regulated Materials Review Screening approved on 12/18/2025, no landfills are located within or adjacent to the proposed project area. Therefore, an OEPA Permit Application under OAC Chapter 3745-27-13 will not be required and no further coordination is needed.

According to the IOC from OES does the project require any Environmental Commitments (plan notes and/or other coordination)?	No
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Cultural Resources

Cultural Properties Present

Please describe all of the efforts made to identify Historic Properties (including lit review, field investigation, etc.):

Efforts to identify historic properties included a literature review, background research, field investigations, coordination with the Ohio State Preservation Office (SHPO) and a Section 106 Scoping Request Form.

- ODOT's Office of Environmental Services completed a Memo-to-File dated December 12, 2025, that reviewed the project area for resources listed in or eligible for listing in the NRHP. The Memo-to-File documented 4 resources over 50 years of age within the Area of Potential Effect (APE) for the project. None of the resources were found eligible for the NRHP. No further research was recommended.
- ODOT's Office of Environmental Services archaeology staff conducted a literature review and a field review of the Area of Potential Effect (APE) on November 25, 2025. A Memo-to-File dated April 9, 2026, documented the literature and field reviews and recorded no known archaeological resources and poorly drained and disturbed soils within the APE. No further research was recommended.

Is there an eligible or listed NRHP Historic Property in the Area of Potential Effects Pursuant to 36 CFR part 800? No

OES Approval/OSHPO Concurrence Date: 04/09/2026

Remarks:

Based on the project scope and the literature and field reviews, the subject undertaking does not impact any historic cultural resources. In accordance with Stipulation V(C)(2) of the Section 106 Programmatic Agreement among FHWA, ACHP, Ohio SHPO, ODOT, Regarding Implementation of the Federal Aid Highway Program in Ohio (Agreement No. 38503) executed June 29, 2023, OES determined that "no historic properties affected" is the appropriate finding for the project.

No comment or objection was received from the SHPO within 15 days. No further cultural coordination is required.

See the SHPO transmittal in the Project File/Cultural Resources subsection.

What is the Section 106 effect determination in the OES Transmittal? No Historic Properties Affected

Potential consulting parties were contacted: No

Documentation Date

Participating

Archaeological Resource Adverse Effect

History/Architecture Adverse Effect

Tribal Consultation



Tribal Consultation Summary/Remarks:

The following tribes were notified of the project on 04/09/2026 (see the tribal consultation list in the Project File > Cultural Resources > Coordination subsection).

- Delaware Tribe
- Eastern Shawnee Tribe
- Match-E-Be-Nash-She-Wish Band of Pottawatomi Indians (Gun Lake Tribe)
- Miami Tribe
- Ottawa Tribe
- Peoria Tribe
- Saginaw Chippewa Indian Tribe
- Seneca-Cayuga Tribe
- Seneca Nation
- The Shawnee Tribe
- Wyandotte Nation

No comments or objections were received from the Tribes within 30 days.

Environmental Commitments

Are there any Environmental Commitments? No



Ecological

ESR

ESR Name:	ESR Type:	Coordination Complete Date:
SEN-SR 12-3.83 Roundabout	Level 1	4/9/2026

Wetlands

ESR Name:	Wetland ID:	Hydrologic connection:	Wetland category:	Estimated total size (ac.):	Total estimated impact area by alternative (ac.):
SEN-SR 12-3.83 Roundabout	Wetland A	Adjacent	Category 1	1.19	0.008
	Wetland B	Adjacent	Category 1	1.08	0.07

Has an Approved and/or Preliminary Jurisdictional Determination been made by the USACE? Yes

Total impact to all wetlands (ac.): 0.078

Total acres of non-isolated wetlands impacted: 0.078

Total acres of isolated wetlands impacted: 0

In accordance with Executive Order 11990 - USDOT Order 5660.1A, this Wetland Finding has been prepared to document that wetlands have been avoided to the extent possible to minimize the long and short term adverse impacts associated with the destruction or modification of wetlands, and to document that there are no practicable alternatives to avoid construction in wetlands.

An analysis of the 'Do Nothing' alternative indicates that it is not practicable because (check all that apply):

It Would Not Correct Safety Hazards.

It Would Not Correct Existing Condition and Maintenance Problems.

An analysis of improvements that avoid all wetland impacts indicates that they are not practicable because (check all that apply):

They Will Not Meet the Identified Needs of the Project.

Include justification supporting the decisions noted above:



The No Build alternative does not meet the project's Purpose & Need to improve the safety of the intersection of State Route 12 (Fostoria Fremont Road) and West County Road 592, as Wetland(s) A and B are located within the proposed roundabout footprint and will be impacted by the proposed roadway and drainage improvements associated with the roundabout.

Implementation of additional measures to further reduce the impact footprint is not feasible or warranted based on the purpose and need of the project and the location of the resources relative to the project location.

All practicable measures have been considered and incorporated into the project design to avoid, minimize, wetland impacts. The wetland impact minimization measures that will be followed for the project are documented in the environmental commitments for the project. Wetland mitigation for unavoidable impacts will be provided if required by the Clean Water Act or Ohio isolated wetland law, as regulated by the US Army Corps of Engineers and Ohio EPA regulations (33 CFR parts 325 and 332 and 40 CFR part 230, and OAC 3745-01-54), and (ORC 6111.027). No practicable alternatives exist for the proposed construction in wetlands, and the proposed action includes all practicable measures to minimize harm to the wetlands that may result from such use.

Remarks:

See wetlands and other ecological resource impact information in ecological reports and agency coordination provided in the Project File/Ecological/Reports and Coordination subsections.

Streams & Rivers

ESR Name:	Stream Name:	National or Scenic Rivers or NRI Streams:	Ohio EPA Aquatic Life Use Designation:	Antidegradation Designation:	Total Impact Length(ft.):
SEN-SR 12-3.83 Roundabout	Muskellunge Creek	No	WWH	General High Quality Water	1690
	Ephemeral Stream 1	No	Class I	General High Quality Water	26

Total impact length (ft.) to perennial streams: 0

Total impact length (ft.) to intermittent streams: 1690

Total impact length (ft.) to ephemeral streams: 26

Remarks:

The Level 1 ESR identified one intermittent stream and one ephemeral stream within the study area. Muskellunge Creek is an intermittent stream (RPW-seasonal) and an OEPA-designated Warmwater Habitat (Class II). Muskellunge Creek is captured in the roadway ditch southwest of the intersection, and will be impacted by the project. Impacts to Muskellunge Creek are necessary for drainage improvements associated with the proposed roundabout. Ephemeral Stream 1 is located in a channel in a residential



yard. The stream will be impacted by placement of scour protection.

Other Surface Waters / Ditches

ESR Name:	Ditch Id:	Total Impact Area(ac.):
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Total impact to all ditches (ac): 0

Other Surface Waters / Other Water Bodies

ESR Name:	Water Body Id:	Hydrologic Connection:	Type:	Designated Function:	Total Impact
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Remarks:

The Level 1 ESR did not identify other surface waters within the project area.

Terrestrial Habitats

ESR Name:	Vegetative Communities and Land Cover found within the project study area:	Degree of man induced ecological disturbance:	Unique, rare, or high quality:	Within Project Study Area(s) (ac.):	Alternative Impacts (ac.):
SEN-SR 12-3.83 Roundabout	Developed, High Intensity (DH) - Includes Highly Developed Areas Where People Reside or Work in High Numbers. Examples Include Apartment Complexes, Row Houses and Commercial/Industrial. Impervious Surfaces Account for 80 to100% of the Total Cover.	Extreme Disturbance/Ruderal Community (Dominated by Opportunistic Invaders or Native Highly Tolerant Taxa)	No	2.24	1.98
	Marsh - MA - (Wetland Dominated by Submergent, Floating, and/or Emergent Vegetation)	High Disturbance (Dominated by Widespread Taxa Not Typical of a Particular Community)	No	0.095	0.078
	Cultivated Crops - CC - (Annual Crops, All Land Being Actively Tilled, and Perennial Woody Crops Such as Orchards and Vineyards)	Extreme Disturbance/Ruderal Community (Dominated by Opportunistic Invaders or Native Highly Tolerant Taxa)	No	3.36	1.52



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	Developed Open Space - DS - (Mown Right-of-Way, Large-Lot Single-Family Housing Units, Parks, Golf Courses, and Vegetation Planted in Developed Settings for Recreation, Erosion control, or Aesthetic Purposes)	Extreme Disturbance/Ruderal Community (Dominated by Opportunistic Invaders or Native Highly Tolerant Taxa)	No	5.815	2.912
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Remarks:

Based on the results of the Level 1 ESR, developed high intensity (2.24 ac), marsh (0.095 ac), developed open space (5.815 ac) and cultivated crops communities (3.36 ac) were identified within the environmental study area. No impacts to high quality or unique terrestrial habitat are anticipated. The impacts included in the Level 1 ESR were based on Stage 2 design plans. These impacts may be further refined during plan development. The vegetative communities identified within the proposed project area experience high to extreme disturbance levels due to previous roadway construction, mowing, and other maintenance activities. Impacts to vegetative communities will include activities such as grading, construction of the roundabout, and drainage improvements. Wherever possible, disturbed vegetated areas will be re-vegetated and are expected to recover following the disturbance associated with construction activities.

Threatened or Endangered Species / Federally Listed Species

Species Common Name:	Species Scientific Name:	Listing Status:
Indiana Bat	<i>Myotis sodalis</i>	Endangered

ESR Name: SEN-SR 12-3.83 Roundabout

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

The project study area was investigated for the presence of suitable wooded habitat (SWH) for Indiana bat (*Myotis sodalis*) and northern long-eared bat (*Myotis septentrionalis*) using the 2016 Indiana Bat and Northern Long-eared Bat Programmatic Agreement/Programmatic Biological Opinion (PA/PBO) - Technical Guidance. The proposed project is located within the Western Management Unit. Based on field reconnaissance conducted by CCS personnel on 1/7/2026, no SWH is located within the construction limits. A review of the Ohio Department of Natural Resources (ODNR) Division of Wildlife (DOW), Natural Heritage Database (NHDB) Program, dated 4/21/2025, identified no bat capture location records within a 1-mile radius of the project study area. The USFWS bat buffer coordination, dated 4/11/2025, stated the project site is not located within a bat buffer. See the NHDB review letter and the USFWS bat buffer email response in Appendix 5.

Species Common Name:	Species Scientific Name:	Listing Status:
Northern Long-eared Bat	<i>Myotis septentrionalis</i>	Endangered

ESR Name: SEN-SR 12-3.83 Roundabout



Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

The project study area was investigated for the presence of suitable wooded habitat (SWH) for Indiana bat (*Myotis sodalis*) and northern long-eared bat (*Myotis septentrionalis*) using the 2016 Indiana Bat and Northern Long-eared Bat Programmatic Agreement/Programmatic Biological Opinion (PA/PBO) - Technical Guidance. The proposed project is located within the Western Management Unit. Based on field reconnaissance conducted by CCS personnel on 1/7/2026, no SWH is located within the construction limits. A review of the Ohio Department of Natural Resources (ODNR) Division of Wildlife (DOW), Natural Heritage Database (NHDB) Program, dated 4/21/2025, identified no bat capture location records within a 1-mile radius of the project study area. The USFWS bat buffer coordination, dated 4/11/2025, stated the project site is not located within a bat buffer. See the NHDB review letter and the USFWS bat buffer email response in Appendix 5.

Species Common Name:	Species Scientific Name:	Listing Status:
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Species of Concern

ESR Name: SEN-SR 12-3.83 Roundabout

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

The study area does not contain suitable open water or open water adjacent mature forest. No nests or eagles were observed during field reconnaissance. There is no suitable habitat for the bald eagle within the study area.

Species Common Name:	Species Scientific Name:	Listing Status:
Tricolored Bat	<i>Perimyotis subflavus</i>	Proposed Endangered

ESR Name: SEN-SR 12-3.83 Roundabout

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

Based on field reconnaissance conducted by CCS personnel on 1/7/2026, no wooded habitats are located within the construction limits. No bridges, structures, or suitable winter hibernaculum areas were found within the study area. The project will not jeopardize the continued existence of the species.

Threatened or Endangered Species / State Listed Species:

No state listed species or suitable habitats are impacted by this project location.

ESR Name: SEN-SR 12-3.83 Roundabout

Species Common Name: Little Brown Bat

Species Scientific Name: *Myotis lucifugus*



Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Blanding's Turtle

Species Scientific Name: *Emydoidea blandingii*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Spotted Turtle

Species Scientific Name: *Clemmys guttata*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Upland Sandpiper

Species Scientific Name: *Bartramia longicauda*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Northern Harrier

Species Scientific Name: *Circus hudsonius*

Listing Status: Endangered

The species or its suitable habitat will be impacted by this project: Yes

Effect Determination: Yes

Discussion Including impacts to Suitable Habitat:

The cultivated crops within the study area provide low-quality hunting habitat for wintering and migrant Northern Harriers. No suitable breeding habitat is located within the study area. Based on the species high mobility and unimportant quantity of suitable habitat impacts, this project will have no impact on the Northern Harrier.

Species Common Name: Loggerhead Shrike



Species Scientific Name: Lanius ludovicianus

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: King Rail

Species Scientific Name: Rallus elegans

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Least Bittern

Species Scientific Name: Ixobrychus exilis

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Remarks:

The Level 1 ESR was coordinated with the USFWS and OEPA on February 2, 2026. State-listed or Federally-listed species will not be impacted by the proposed project.

Agency Coordination

Project Coordination:

Project locations for which no agencies are listed are considered ecologically exempt or non-notifying.

The ODNR and USFWS conditions outlined in the Ecological MOA apply to all projects that are not considered ecologically exempt. These conditions have been evaluated for the project locations listed below.

ESR Name:	Agency:	Submitted for Coordination Date:	Coordination Complete Date:	Were project specific comments received?
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Environmental Document Level: D1
PID 120096 SEN SR 12 3.83 Roundabout
Submitted for Approval Printed 5/12/2026

SEN-SR 12-3.83 Roundabout	ODNR	2/27/2026	03/30/2026	Yes
	OEPA	2/27/2026	03/31/2026	Yes
	USACE	2/27/2026	04/08/2026	Yes
	USFWS	2/27/2026	03/27/2026	No

Additional Coordination Considerations:

Are other ecological coordination requirements applicable? No

Remarks:

On February 2, 2026, ODOT-OES Ecological Staff initiated coordination with ODNR, the OEPA, the USFWS, and the USACE, via the Level 1 ESR document coordination process. On March 27, 2026, project-specific comments were received from ODNR, indicating that the project will have no effect on state-listed species. Coordination with ODNR was completed on 3/30/26. Project-specific comments from the OEPA and USACE were received regarding proposed waterway impacts. ODOT determined that no responses to the agencies were necessary. Project-specific responses were not received from the USFWS. On April 9, 2026, the agency coordination process was complete. Agency coordination can be found in the Project File under Ecological/Coordination, and in the Agency Coordination section of the ESR tab.

Are there any environmental commitments? No



Other Resources

Farmlands

The proposed project is located within an Urbanized Area	No
The proposed project is located within a Non-Urbanized Area	Yes
The proposed project involves new permanent right-of-way (ROW)	Yes
The proposed project involves temporary ROW	Yes
The proposed project is a type of action listed below and meets allowable ROW thresholds: Bridge replacement requiring ROW of three (3) acres or less to accommodate bridge piers, wingwalls, and/or approach work Widening requiring linear strip ROW of 10 acres or less per linear mile Intersection improvement requiring ROW of three (3) acres or less Landslide avoidance projects where the ROW required to realign the roadway is three acres or less of permanent and/or temporary ROW	No
Land being used for construction purposes is protected by an Agricultural conservation easement	No
Land being used for temporary ROW will be returned to equal or greater productive capability upon completion of the proposed project	No
Completion of the Farmland Conversion Impact Rating (FCIR) Form and subsequent coordination with OES and the Natural Resource Conservation Service (NRCS) is required to determine if land to be acquired is subject to the FPPA.	
OES Concurrence Date	12/19/2025
NRCS Response Date	12/19/2025
Land being used for the proposed project is part of an Agricultural District	Yes
The proposed project will appropriate more than 10 acres or 10 %, whichever is greater, of an individual property that is currently used in production in an Agricultural District	No
FCIR Required Completion of the Farmland Conversion Impact Form is required and coordination with USDA & NRCS is required.	

Remarks:



Environmental Document Level: D1
PID 120096 SEN SR 12 3.83 Roundabout
Submitted for Approval Printed 5/12/2026

Based upon review of appropriate mapping, the proposed project is located in a non-urbanized area and is in an agricultural district. The proposed project will acquire approximately **2.938** acres of permanent right-of-way and **0.550** acre of temporary right-of-way. The project exceeds established criteria of the *Memorandum of Understanding between the Natural Resource Conservation Service and the Ohio Department of Transportation for Projects Involving Farmlands (Agreement No. 42470)*, executed on September 29, 2025. Therefore, a Farmland Conversion Impact Rating (FCIR) Form was completed to determine if land acquisition constitutes an adverse impact to prime or unique farmland and farmland of local or statewide importance. The corridor assessment completed for the proposed project totaled **75** points out of a possible total score of 160 points, and the total score was **158** points out of a possible score of 260 points. Based on the total score being below 160 points, the Natural Resource Conservation Service (NRCS) determined proposed impacts are not considered an adverse effect on farmland and do not require further consideration. The proposed project is in compliance with the Farmland Policy Protection Act (FPPA) and the implementing regulations, 7 CFR 658. Right-of-way needed to facilitate construction activities from land within the agricultural district does not exceed established thresholds listed in Ohio Revised Code (ORC) 929.05(a). No further coordination is required.

Are there any environmental commitments?

No

Drinking Water

The proposed project is wholly or partially located within the USEPA designated boundaries of a Sole Source Aquifer

No

	Present:	Impacted:
The proposed project is wholly or partially located within the OEPA designated boundaries of a Source Water Protection Area	No	

Coordination with the Local Public Water Administrator is required

No

	Present:	Impacted:
Residential Wells are present	Yes	Yes

Remarks:

One residential well at 10307 W SR 12 (Parcel 14) will be removed to construct the project. A plan note will be added regarding the residential well closure.

See the ONDR Water Wells Map in the *Project File/Other Resources/Drinking Water* subsection.

Are there any environmental commitments? Yes



Section 4(f)

Section 4(f) Determination

Section 4(f) properties are within and/or adjacent to the proposed project area

No

Identified Section 4(f) Properties

Remarks:

No Section 4(f) properties were identified within or adjacent to the proposed project area.

Are there any environmental commitments? No



Section 6(f)

Section 6(f) Determination

Section 6(f) Determination

Present:		Impacted:
6(f) Properties:	No	

Remarks:

Based on review of the Land and Water Conservation Fund (LWCF) State Listing maintained by the National Park Service (NPS), no Section 6(f) properties were identified within or adjacent to the proposed project area. No additional coordination is required.

The LWCF listing can be found in the Project File under Section 6(f)/Project Information/LWCF Grant Listing

Are there any environmental commitments? No



Community Impacts

Community Impacts

Will the proposed action comply with the local/regional development patterns for the area? Yes

Remarks:

The project will improve the existing intersection's geometric deficiencies. The actions of the proposed project are expected to align with local and regional development patterns and current/planned land uses.

Will the proposed action result in substantial negative impacts to community cohesion? No

Remarks:

The proposed project is not expected to result in substantial negative impacts to community cohesion. The overall impact to the local communities is anticipated to be positive by improving conditions at the intersection of State Route 12 (Fostoria Fremont Road) and West County Road 592.

Will the proposed action result in reasonably foreseeable indirect impacts? No

Remarks:

The project will improve the existing intersection's geometric deficiencies. Therefore, the project is not anticipated to result in indirect or cumulative impacts.

Will the proposed action result in substantial impacts or changes in access to health and educational facilities, public utilities, fire, police, emergency services, religious institutions, public transportation, pedestrian and bicycle facilities? No

Remarks:

Property owners and stakeholders have been included throughout the Public Involvement process, including notice via virtual meeting invitation letters and a press release. *See the Public Involvement tab for more details.*

Traffic will be detoured around the project area throughout the duration of the project. Detour impacts are temporary in nature and the long-term impacts of the proposed project are considered beneficial to the community. The proposed project is not expected to result in substantial impacts to health and educational facilities, public utilities, fire, police, emergency services, religious institutions, or public transportation facilities.

Will the proposed action displace residents, businesses, institutions or farms? No

Remarks:

The proposed project will not displace residents, businesses, institutions or farms.

Were any concerns raised during Public Involvement that result in impacts to a community, as defined in the Community Impacts Guidance? No

Remarks:

No impacts to Underrepresented Populations were raised during Public Involvement. This project is not expected to adversely impact Underrepresented Populations.

Are there any Environmental Commitments? No



Public Involvement

Public Involvement

Please provide a summary of the Public Involvement activities that have been conducted for this project. (For example press releases, letters to affected property owners and residents, meetings, special purpose meetings, newspaper articles, etc)

Field work-related Public Involvement:

- Right-of-Entry Letters (ROEs): On January 2, 2026, ROEs were mailed to adjacent property owners describing the project and upcoming field survey activities.

Virtual Public Meeting:

- Virtual Open House Public Meeting Notification Letters: On January 26, 2026, virtual meeting invitation letters were mailed to property owners near the project area, as well as local business owners, public officials, schools, and public/emergency service providers. The letters were mailed with a Comment Form and Fact Sheet describing the project and potential impacts, and notifying recipients of the virtual public meeting and comment period.
- Project Flyers: On January 26, 2026, project flyers were mailed to identified community centers near the project area. The flyers were mailed with a letter describing the project and virtual meeting and requesting the community centers share the flyer with community members.
- Press Release: On January 27, 2026, ODOT distributed a press release describing the project and the virtual public meeting.
- Project Website: A project website (ODOT Project Card) was created and maintained by ODOT. The site was populated with project information and used to host the virtual public meeting and collect public comments.

Meeting materials included handouts, comment sheets, and exhibits. The exhibits included a rendering of the proposed roundabout and maintenance of traffic exhibits. *See the Public Meeting materials in the Project File.*

Is there any substantial environmental controversy on environmental grounds?

No

Please summarize the Public Involvement responses received.

A total of 9 public comments were received for the subject project. The following describes the general subjects of these comments:

- Project support
- Project opposition
- Maintenance of traffic
- Property impacts
- Engine braking
- Roundabout design

Response to Comments:

- On March 18, 2026, ODOT responded to each public comment via email or mailed letter. The comment response summary table was provided with the letters and posted on the ODOT project card.

Public comments and responses are located in the Project File/Public Involvement/Project Information subsection.

Are there any Environmental Commitments? No



Permits

Waterway Permits

There is potential to impact waterways and/or work will take place above/below/within a Section 9 or Section 10 waterway.

SEN-SR 12-3.83

A Permit Determination Request has not yet been submitted; thus, a Permit Determination has not been made.

ODNR

Shore Structure Permit : No

Remarks:

The project is not located along Lake Erie. A shore structure permit is not required.

Are there any environmental commitments? Yes

Storm Water Permits

NPDES Construction General Permit for Stormwater (NOI): Yes

Watershed Specific NPDES Construction General Permit for Stormwater (NOI): No

Remarks:

The proposed project will result in one acre or more of earth-disturbance activities during construction. ODOT will submit a Notice of Intent (NOI) to the OEPA requesting coverage under a National Pollutant Discharge Elimination System (NPDES) General Construction Permit. The contractor will be responsible for developing a Storm Water Pollution Prevention Plan (SWPPP) and obtaining co-permittee coverage under the NPDES General Construction permit issued by OEPA to ODOT, prior to the start of construction.

Are there any environmental commitments? No

Floodplains

The proposed project involves encroachment within a Special Flood Hazard Area (SFHA) No

Remarks:

The project is not located within a Special Flood Hazard Area.

Are there any environmental commitments? No



Environmental Commitments

Other Resources - Drinking Water

1) The following note shall be added to the design plans: This project requires the removal of one (1) drinking water well located at 10307 W SR 12. The well shall be removed and properly abandoned in accordance with the Ohio Department of Natural Resources' (ODNR) Technical Guidelines For Sealing Unused Wells. Payment for this work shall be as per Item Special - Drinking Water Well Abandonment.

Basis of Payment:

The Contractor shall furnish all labor, equipment and materials necessary to perform the well abandonment work. The following estimated quantity has been included in the General Summary for the work noted above: Item Special- Drinking Water Well Abandonment: 1 each

Permits - Waterway Permits

1) ODOT will obtain all appropriate waterway permits prior to any work within the jurisdictional boundary of any waterway, including wetlands, and all Waterway Permit Special Provisions will be noted under Special Provisions in the plans and adhered to during construction.



Preparers and Approvals

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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Phoenix Meek (PROGRAM ADMIN 3)	5/12/2026



Appendix

General

Aerial Map.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Purpose and Need

District Acceptance - Purpose and Need.pdf

Air

Flowchart Determination - No Air Analysis Required.pdf

Noise

Flowchart Determination - No Noise Analysis Required.pdf

RMR

Environmental Database Search Results.pdf

OES Review - Screening.pdf

Cultural Resources

SHPO Comments

Transmittal 1 - Effect Determination

Tribal Consultation

Tribal Consultation - Correspondence List.pdf

Ecological

Coordination with ODNR_USFWS_USACE_OEPA (email).pdf

ODNR Comments

ODNR Scenic River MOA Conditions

OEPA Comments

USACE Comments

USFWS/ODNR Ecological MOA Conditions

Other Resources

Census Bureau Urbanized Areas Map.pdf

FCIR Form.pdf

Farmland Impacts Mapping.pdf



NRCS Approval.pdf

Water Source Protection Area Map.pdf

Well Log Data.pdf

Section 6(f)

LWCF Grant Listing.pdf

Public Involvement

District Approval - Public Involvement Plan.pdf

Press Release.pdf

Project Website - Live Version.pdf

Public Comment Summary - Public Version.pdf

Public Engagement Plan.pdf

Public Meeting Exhibits.pdf

Public Meeting Handouts.pdf

Public Meeting Notification - Flyer.pdf

Public Meeting Notification - Letter.pdf

Public Website - Post Live Version.pdf

Response to Public Comments.pdf

Right-of-Entry Letter.pdf

Permits

FEMA FIRM with Construction Limits.pdf