

OHIO DEPARTMENT OF TRANSPORTATION - DISTRICT THREE

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OHIO DEPARTMENT OF TRANSPORTATION - DISTRICT THREE

Project Scope

PID

124357

Project
Name

WAY SR 0057 08.91

Roundabouts

Roundabout 1 of 1

CRS	WAY-57-8.91	Roundabout Type	Single Lane**
MOT Type	Detour		
Design Vehicle Type	WB-62*	Center Island Landscaping	With Project
R/W Req'd	Yes	Turn Lanes?	TBD**
Survey Req'd	Yes	Truck Apron	Interior
Soil Borings Req'd	Yes	Outside Curbing	Curb & Gutter
Utility Relocation Req'd	Yes	Approach Pavement	Asphalt
Driveway Accom. Req'd	Yes	Grading	Common
Lighting	Yes	Drainage	Enclosed
Bicycles	No	Traffic Forecast Type	NCHRP255
Pedestrian Accommodations	No	Circulating Lanes Configuration	1
Major Road Approach Lanes	1**		
Minor Road Approach Lanes	1**		

* Refer to L&D Manual for vehicle checks.

**D03 to determine roundabout lane configuration by the time the design consultant is selected (Nov 2025). May have consultant include northbound right turn lane and/or westbound left turn lane in design with the intent to only construct a standard single-lane roundabout.

> Truck Apron: 4" (minimum 3") height Type 9 with colored concrete (QC-1P with no QC/QA) to match splitter islands (not stamped, red). 8"-9" thick. Applies to the traffic side of all truck aprons.

> Splitter Island: 100' (min); 200' (max), use 6" high curb tapered at beginning and end, broomed (NOT stamped) concrete (color red). Attempt to install straight splitter islands where possible, try to eliminate breaks for drives. Any unavoidable breaks for drives are to be depressed brushed finish splitter island, not asphaltic splitter breaks. Type 6 curb with broomed (NOT stamped) splitter island (color red) inside the curb. Type 2 curb & gutter outside curb except 3" Type 9 rolled curb at all exterior truck aprons.

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Roundabout Comments

- > Landscaping: Follow normal landscaping guidelines for roundabouts, prefer mounded center (see WAY-57/604 PID 116212 for example). Use stone instead of grass. We have typically used a single layer of Item 204 - Geotextile Fabric but have heard that it is underperforming. Designer consider two layers of Item 204 - Geotextile Fabric or other weed control options.
- > Drainage: Replace existing storm sewer within project limits. Only replace culverts within full-depth project limits if needed. Keep open ditch if existing, enclosed if necessary. Designer to determine. Post-construction BMPs will be required on this project due to the Project EDA exceeding 1 acre. A NOI will be required on this project due to the total EDA exceeding 1 acre. The consultant shall evaluate vegetated filter strips and vegetated biofilter (if uncurbed section). Install Item 670 - slope Erosion Protection Mat on slopes steeper than 3:1 (type of mat to be determined by shear stress values evaluated by the designer). Install underdrains under full depth pavement areas. Designer to verify underdrains able to be outlet properly. If not, aggregate drains will be installed.
- > Grading: Standard.
- > Lighting: Minimum 2 per approach with illumination extending beyond the approach tapers, use LED luminaires, include with Stage 1. Follow TEM 1140-4.6.10 (Major/Collector). Roundabout lighting shall be installed according to IED DG-19-08, Design Guide for Roundabout Lighting and design lighting level and uniformity shall comply with IES DG-19-08 Table 1, which is based on functional class (FC) of intersecting roadways and pedestrian demand. For this project, use FC Major/Collector and Low Pedestrian Area. Illumination analysis should extend to approach tapers. Provide 120/240V power service, 3 wire #4 AWG (L-L-G) 2400V cable, ensure 5% voltage is not exceeded, ensure 15' clearance to overhead electric (from closest conductor). Offset all poles at least 8'-10' from the edge of pavement/face of curb. Do not place conventional pole foundations inside of a ditch. Provide a ground mounted Lighting Control Center (LCC) with concrete work pad. The LCC should be placed near a location that the maintenance bucket truck can pull off the roadway. Place a fused disconnect switch on the line side of the LCC. Also, the LCC should be at least 20' from the edge of pavement/face of curb to ensure it will not be hit by a motorist. A Pole Mounted Lighting Control Center may be acceptable over a Ground Mounted LCC if it will have better protection from the motorists. The LCC photocell should be located 2' above the LCC enclosure. If the LCC is placed behind the ditch line, place a 5' length of conduit in the ditch for the staff to traverse across. Provide 24" concrete pull boxes for 3 or more entrances/exits into a pull box. Provide a pull box on both sides of a conduit jack/bore. Include note for contractor underground marking after they take over maintenance. Include roundabout lighting note for operational lighting (temp/permanent) prior to opening the roundabout to traffic.
- > Include Plan Note for Item 630 - Ground Mounted Support, No 3, As Per Plan

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Geotechnical

Geotech Site 1 of 0

CRS WAY-57-8.91

Geohazard Type None

MOT Type Flaggers (for geotechnical work)

Description of Work Subgrade exploration required with half of the borings within the existing pavement area and remaining half in the proposed pavement area. Approx. 4-5 borings required.

Comments As a district preference, global chemical stabilization is to be used if any stabilization is needed.

Pavement

Pavement Segment 1

CRS WAY-57-8.91

Vibratory Roller Permitted Yes

MOT Detour

Existing

Proposed

Use Simplified Pav't Design No

Mainline Treatment Type Asphalt → Asphalt

Pav't Cores Required No

Shoulder Treatment Type Agg → PVD/Curb

Pav't Cores Taken No

Paved Shoulder Width 2'-4' → Varies* ft

Survey Required Yes

Verify Proposed Lane Width 12' → Varies* ft

R/W Required Yes

Edge Line Location Varies* → Varies*

Curbs Present No

Cross Slope Varies → 0.0156 ft/ft

Safety Edge No

Proposed Grading Type Standard

No. of Days Traffic can run on Milled Surface N/A days

Proposed Pav't Treatment 100 - New Flexible Pavement

Comments *Follow L&D Manual for approach and circulating lane/shoulder widths.

Proposed Full Depth:

1.5" Item 442 Asphalt Concrete Surface Course, 12.5mm, Type A (446) PG76-22M

1.75" Item 442 Asphalt Concrete Intermediate Course, 12.5mm, Type A (448) PG70-22M

6" Item 301 Asphalt Concrete Base PG64-22

6" Item 304 Aggregate Base

Chemical subgrade stabilization

Proposed Resurfacing if needed:

3.25" Item 254 Pavement Planning

1.5" Item 442 Asphalt Concrete Surface Course, 12.5mm, Type A (446) PG76-22M

1.75" Item 442 Asphalt Concrete Intermediate Course, 12.5mm, Type A (448) PG70-22M

Safety edge on uncurbed sections with profile correction but not on curbed sections.

Install underdrains under full depth pavement areas.

Add 2' x 2" avg 617 with 408 prime coat on any areas of resurfacing/pavement replacement outside of the curbed area.

Same for all approaches.

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Traffic Control

Striping	Long Line Pavement Marking Type	Thermoplastic	Lane Separator	No
	Auxiliary Pavement Marking Type	Thermoplastic	Delineators	Yes
Rumbles			Replace RPMs	Yes
	Edge Line Rumble Stripes	No	Permanent Traffic Count Station	No
	Rumble Strips	No	Air Speed Zone Markings	No
	Centerline Rumble Stripes	No	Loop Detectors	No
	Transverse Rumble Strips	No		

Comments	> Salvage signal heads and equipment (ground-mounted cabinet, meter base, controller, radar, conflict monitor, back-up battery inverter, cell modem, etc.) and return to ODOT D03 Ashland Office. Signal poles and mast arms to be disposed.			
	> Use 36" warning and yield signs.			
	> Use District 3 general note for flat sheet sign post stub and 3 lb u-channel posts.			
	> RPM placement standard drawing (SCD TC-65.11).			
	> Include edge line in the approach and exiting roadway up to yield line.			
	> To prevent farm machinery from striking a sign post or light pole, for signs placed in the islands, do not place them directly across from a light pole. Stagger the placement at least 20'.			
	> Splitter Island Related:			
	- Prefer to not install left side Yield signs in the splitter islands. Comments from other roundabouts include concerns of farm machinery knocking over signs within splitter islands. Left side Yield signs may be needed if exterior truck aprons are used due to increased offset to the right side Yield sign.			
	- Place route signs for exiting the roundabout in the splitter island but away from the edge of the island.			
	- For signs placed in the island, for the yielding stubbed post, install a 12" PVC conduit from the subbase layer to the top of the island.			

Maintenance of Traffic (MOT)

MOT Item 1 of 1	MOT Type	Detour	Feature	Roundabout	Coordination Needed	Yes
	CRS	WAY-57-8.91	Duration	70 (Days)	Municipality	See Below
					Work Zone Speed Zone	No
	Disincentive	Road Closure	\$10,000/day	(Amt.)	PLCS	No
	MOT Exception	No		(Desc.)	LEO No. of Hours	0
	Conflict	Description	Route	Dates to Avoid		

No known conflicts		
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Comments	> SR 57 Detour: Use US 30, SR 94, and SR 604.			
	> SR 585 Detour: Use SR 3/83, US 30, and SR 94.			
	Coordinate detours with Wooster, Dalton, and Marshallville.			
	> Use \$10,000/day for holiday/event PN 127 disincentive. Include note that the detours are exempt from all holidays/events during the allowed detour duration.			
	> Include temporary lighting note for operational lighting (temp/permanent) prior to opening the roundabout to traffic.			

Project Classification

CRS	Federal Aid System	Functional Classification	Urbanized Area
SR-57	Other Fed-Aide Highway	Minor Arterial	Rural (Pop < 5k)
SR-585	Other Fed-Aide Highway	Minor Arterial	Rural (Pop < 5k)

Traffic Forecast to be performed by ODOT D03 and provided to consultant.

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Environmental

Environ. Category		Code	Responsibility										
C2		I	In-House	WAY-57-8.91									
		T	OES Task Order										
		C	Consultant Services										
Environmental PM		C	Consultant Services										
Connor Newsome		-	Not Applicable										
Cultural	Section 106 - Scoping Request Form (*)	I											
	Phase 1 Hist./Arch. Survey Rpt. (If Auth.)												
	Phase 1 Arch. Survey Report (If Auth.)												
Forms	Determination Request Form												
	Individual Section 4(f) Eval.												
	Section 6(f) Documentation												
Ecology	Ecological Exempt Form (*)												
	Level 1 Ecological Survey Reports	I											
	UNIONID Mussel Survey Report												
Waterway Permits	Sole Source Aquifer Coordination												
	Convert signal controlled intersection into single-lane round												
	Permit Determination Request Package												
	Concp. Stream/Wetland Mitg. Rpts.												
	Section 404/401 Applications												
	USACE Pre-Constr. Notification (PCN) Applications												
	Ohio EPA Isol. Wetland Permit Pre-Act. Notif. (PAN)												
	Coastguard Section 9 Application												
	ACOE Section 10 Permit												
	Floodplain Permit Application												
	Floodplain Coordination	I											
	Coastal Waterway Permit												
Site	Regulated Mat. Review (RMR) (*)	I											
	Phase 1 Env. Site Assess. Rpt. (If Auth.)												
	Asbestos Survey/Inspection												
Air	Ozone Analysis												
	MSAT Analysis												
	PM 2.5 Analysis												
Noise	Traffic Noise Analysis Report												
	Noise Barrier Public Involvement Summary												
	Public Involvement Plan												
Public	Public Meeting Activities												
	Public Announce. (webpage, article, news release)	I											
	Underserved Population Outreach												

Any Known Env. Concerns (ex. historic properties on Nat. Reg., wetlands, underground storage tanks, stream reloc.)

Design consultant to provide exhibits (roundabout layout and detour plan) for PI mailers. Provide the PI exhibits to District 3 with the Stage 1 submittal. Include preliminary ROW lines on Stage 1 plans.

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Right-of-Way

R/W Site 1 of 1

Feature CRS WAY-57-8.91

Feature Type Roundabout

Responsibility

Titles Task Order

Appraisal Task Order

Appraisal Review Task Order

R/W Acquisition Services Task Order

R/W Acquisition Cost Est. Task Order

R/W Plans Dsgn Consultant

R/W Type Permanent & Temp

Known Relocations? Maybe

Access Modification Req'd? Maybe

Estimated No. of Parcels 3-4

Land Use Residential/Agricultural

Comments Consultant should attempt to avoid right-of-way takes, if possible.

Note: There is a billboard in the NW corner and an attempt should be made to avoid. Otherwise, it will be considered a relocation.

Reason for Additional R/W Construction of roundabout will require additional R/W and temp. R/W for construction.

Survey

Survey Site 1 of 1

CRS WAY-57-8.91

Asset Type Roundabout

Surveyor CONSULTANT/DISTRICT 3

Count

Responsibility

Type 'A' Control Monument

2 Monuments

In-House

Type 'B' Control Monument

4 Monuments

In-House

Mon. Recovery for Existing CL and R/W

1.5 Miles

In-House

Monument Recovery for Property Lines

9 Owners

Dsgn Consultant

Stake R/W for Acquisition/Utilities/Tree Clearing

9 Owners

Dsgn Consultant

Pin New R/W Following Construction

9 Owners

Dsgn Consultant

Base Mapping (and Field Verify)

6 Tenths of a Mile

Dsgn Consultant

Est. Prop. Lines, Tax ID, Owners on Map

9 Owners

Dsgn Consultant

Property Owner Notification

9 Owners

Dsgn Consultant

Soil Boring Staking

Borings

Dsgn Consultant

Intersects Road (At Grade)

Tenths of a Mile

Dsgn Consultant

Topo for Intersection

Length Width

Tenths of a Mile

Dsgn Consultant

The ODOT District Survey Department will establish the primary control network per ODOT Specification. The ODOT District Survey Department will determine the Centerline of RW and RW for all routes within the project limits (SR 57 & SR 585). The control and centerlines as determined by the District Survey Department will be held for the project. The consultant will perform the following relative to the established control network: Retrace and establish property lines for all parcels within mapping limits (approximately 9 parcels). Topographic mapping 700' from the intersection in all directions and extending 25' beyond the existing R/W or proposed conceptual work limits (whichever is greater) including all utilities per 811 markings. All working performed in Ohio County Coordinate System.

> When it comes time for ROW acquisitions, we will need an if-authorized task for ROW staking for negotiations and ROW staking for all ROW takes at the time of acquisition (includes all utilities, temps, SH, etc.). This is in addition to the permanent pinning usually included in SAFE tasks. Also include final staking for all right-of-way after acquisition complete (include all permanent, temp, and easements).

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Utilities

Utilities 1 of 1

Location	WAY-57-8.91		Buried	Aerial	SUE Needed?	R/W Needed?
	Asset	Roundabout				
	Name of Utility	Location/Description				
Power	City of Orrville	West to east side on SR 57, south leg; west side on SR 57, north leg; south side of SR 585, east leg; south side of SR 585, west leg	No	Yes	No	Yes
Phone	Brightspeed	Buried on the north and south side of SR 585	Yes	No	Yes	Yes
Gas	Northeast Ohio Gas	Cross SR 585 west of the intersection	Yes	No	Yes	Maybe
Gas	OWS Acquisitions	Formerly Beldon & Blake; east side of SR 57, south leg; south side of SR 585, east leg	Yes	No	Yes	Maybe
Cable	City of Orrville Cable	Attached to the Orrville poles	No	Yes	No	Yes
Comm.	Everstream	Attached to the power poles, south leg and east leg	No	Yes	No	Yes

Comments

Notes:

- > Use centerline of the roadway as centerline of construction- helpful to locate and coordinate with utilities. Also, use one center of the roundabout with 4 matchlines for each leg. For each stage review/feasibility study submittal, send a one-page combined P&P sheet in .PDF format.
- > Use SUE Level B performed by design consultant on all underground utilities prior to first submittal (Stage 1). District will determine location of proposed test holes. Prepare cost proposal and scope of work for up to 10 SUE test holes.
- > Designers - Utilities & the highway lighting, ensure all our facilities (poles, arms, luminaires) are a minimum 15 feet from the closest distribution electric powerline conductors.
- > Discuss potential roll plot style submission for utility review - so everything is together and viewable.
- >Utility relocation plan process currently under review. May be modified from existing process. Additional information will be provided as it becomes available.

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Coordination					
Coord.	FAA	Yes		Railroad	No
	Detour Agreement	No		Floodplain	No
	Detour Coordination	Yes			
	Innovative Contracting	No		Bike Route or Trail within Project Limits	No
	Maintenance Agreement	Maybe	Assets in Maintenance Agreement		
	Tree Removal	No		Type of Tree Removal Contract	N/A
Comments	> Design consultant to evaluate via the FAA Notice Criteria Tool. Filings, if needed, are to be for both construction equipment and the final permanent facility (light poles, etc.)				

Project Schedule					
Project Schedule	Date		Date		
	-	Field Review Date	8/1/2027	Stage 2 Plans - Submitted	
	7/1/2025	In-House Scope Meeting	9/1/2027	Stage 2 Plans - Complete	
	-	Project Initiation Package	6/1/2027	Preliminary R/W Plans - Submit	
	8/1/2025	Initial Project Scope Complete	7/1/2027	Preliminary R/W Review Approved	
			9/1/2027	Compliance R/W Plans - Submit	
			10/1/2027	Compliance R/W Plans - Approved	
	9/8/2025	Programmatic Date	11/1/2027	Final R/W Plans - Approved	
	-	Feasibility Study - Approved	12/1/2027	R/W Authorized	
	-	Alternative Evaluation Report - Appr.	4/1/2028	Stage 3 Plans - Submitted	
	-	Preferred Alternative Approval	5/1/2028	Stage 3 Plans - Complete	
		Survey Deliverables Complete	9/1/2027	Environmental Doc. Approved	
	-	Begin In-House Detailed Design	8/1/2029	R/W Acquisition Complete	
	2/1/2026	Authorized Design Consultant	9/1/2029	District R/W Certification	
	1/1/2027	NEPA Start Date	9/1/2029	Final Tracings Submitted	
	6/1/2026	Pre-Stage 1 Submitted	10/1/2029	Final Tracings Complete	
	7/1/2026	Pre-Stage 1 - Complete	10/1/2029	Plan Package Received in C.O.	
	12/1/2026	Stage 1 Plans - Submitted	1/1/2030	Sale Date	
	1/1/2027	Stage 1 Plans - Approved	1/1/2030	Award Date	
	-	Waterway Permit Determination-Submit	5/1/2030	Estimated Begin Construction	
	-	404/401 Permits Submitted	9/1/2030	Estimated End Construction	
	TED Office Required Milestones - All Projects		District Required Milestones - All Projects		
	TED Office Required Milestones - >20M Projects		Milestone not needed for all projects		

Comments	Sept 2025 programmatic for design consultant. Include preliminary ROW lines on Stage 1 plans. Provide the PI exhibits to District 3 with the Stage 1 submittal.
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Funding

Split /
Priority

Funding Source Funding Source

Source 1

Source 2

Name

Plan Split Code

%

Fund

%

Fund

Cost

1 / 1	CO CO Contr 01	01/SAF/21	100	4HJ7			\$2,900,000.00
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Descr: Convert signal-controlled intersection into roundabout at WAY-57-8.91 (Construction Only)

Funding Summary

Project Phase	Funding Source / Description	Percent		Fiscal Year / Quarter	Phase Estimate
		Fed	State		
Preliminary Engineering	Safety	100		FY2026 Q3	\$600,000.00
Detailed Design	Safety	100		FY2028 Q2	\$100,000.00
Right of Way Services	Safety	100		FY2028 Q2	\$30,000.00
Right of Way Acquisition	Safety	100		FY2028 Q2	\$20,000.00
Utilities Reimbursement	Safety	100		FY2030 Q3	\$100,000.00
Construction Contract	Safety	100		FY2030 Q3	\$2,900,000.00
Construction Engineering	Labor	100		FY2030 Q3	\$203,000.00
Total					\$3,953,000.00

Project Scope

PID

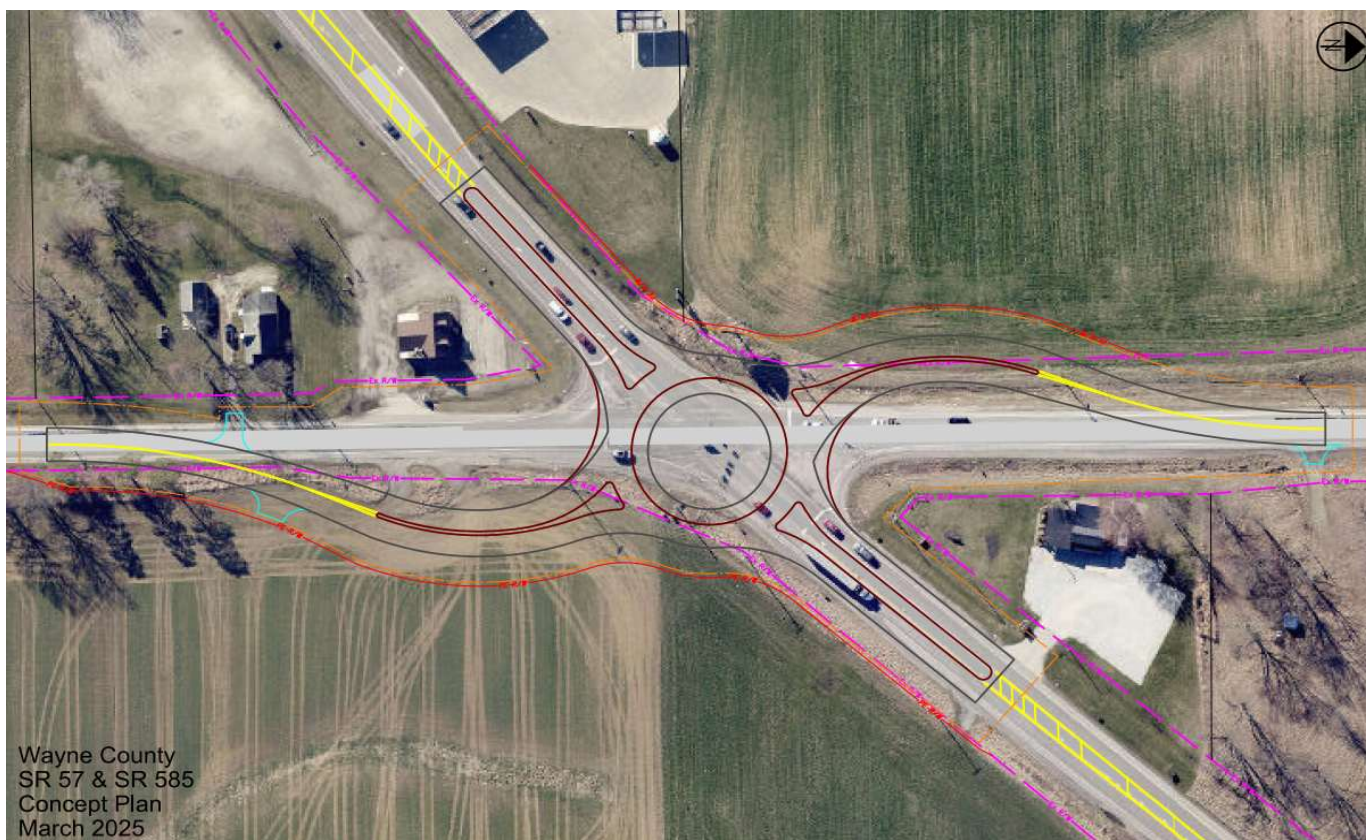
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Map

See the project overview map below.



District 3 is open to a roundabout shape other than a true circle. Design consultant should vet ideas through the district prior to the preliminary geometric submittal.



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Signatures and Attendance				Approval		Field Visit	Scope Meeting	
				Approve	Disapprove	On Your Own	7/1/2025	
		Signature	Date					
ELLIS Coordinator	Heidi Mertler					-	-	-
Environmental PM	Connor Newsome					-	-	-
Bridge Engineer	Kent Kapustar					-	-	-
Planning Engineer	Scott Ockunzzi					-	X	-
Design PM	Jane Cullen					-	X	-
Roadway Engineer	Charlie Laughrey					-	X	-
Traffic Engineer	Julie Cichello					-	X	-
Survey Op. Mgr.	Scott Hawkins					-	X	-
Utility Coordinator	John Schafrath					-	X	-
Real Estate Admin.	Brad Corder					-	X	-
Design Engineer	Kenny Knapp					-	X	-
Constr. Area Eng.	Luke Wysocki					-	-	-
Constr. Engineer	Mike Fair					-	-	-
Cap. Prog. Admin.	Matt Walter					-	-	-
Rdwy. Serv. Mgr.	Kimberly Conklin					-	-	-
Hwy. Mgt. Admin.	Eric Sheppard					-	X	-
County Manager	Dennis Ryncarz					-	X	-
Attendee	Gary Gillen	N/A	N/A	N/A	N/A	-	X	-
Attendee	Carrie Whitaker	N/A	N/A	N/A	N/A	-	X	-
Attendee	Adam Mellen	N/A	N/A	N/A	N/A	-	X	-
Attendee	Kathryn Wade	N/A	N/A	N/A	N/A	-	X	-
Attendee	Jared Feller	N/A	N/A	N/A	N/A	-	X	-
Attendee	Nick Foster	N/A	N/A	N/A	N/A	-	X	-
Attendee	Jerry Bantz	N/A	N/A	N/A	N/A	-	X	-
Attendee	Shelley Pitcher	N/A	N/A	N/A	N/A	-	X	-
Attendee	Anthony Cirigliano	N/A	N/A	N/A	N/A	-	X	-
Attendee	Levi Wingler	N/A	N/A	N/A	N/A	-	X	-
						-	-	-