

OHIO DEPARTMENT OF TRANSPORTATION - DISTRICT THREE

Project Scope

PID **125468** Project Name **MED SR 0003 19.59**

Culvert

1	Culvert Location	MED-3-19.512	CFN	1802661	Prelim Cost Est	
Comments	18" corrugated plastic pipe on the west leg of the intersection. GA7					
	Remove and replace as needed to go along with drainage design depending on final pavement limits.					
2	Culvert Location	MED-94-15.046	CFN	1808559	Prelim Cost Est	
Comments	60" CMP south leg of intersection. GA7					
	Remove and replace as needed to go along with drainage design depending on final pavement limits. Also consider extension if necessary					

Roundabouts

1	CRS	MED-3-19.59	Roundabout Type	Single Lane
Roundabout 1 of 1	MOT Type	Detour	Center Island Landscaping	With Project
	Design Vehicle Type	WB-62	Turn Lanes?	Northbound Left
	R/W Req'd	Yes	Truck Apron	Interior
	Survey Req'd	Yes	Outside Curbing	Curb & Gutter
	Soil Borings Req'd*	Maybe	Approach Pavement	Asphalt
	Utility Relocation Req'd	Yes	Grading	Common
	Driveway Accom. Req'd	Yes	Drainage	Open Ditch
	Lighting	Yes	Traffic Forecast Type	SHIFT Int
	Bicycles	No	Circulating Lanes Configuration	1
	Pedestrian Accomodations	No		
	Major Road Approach Lanes	1		
	Minor Road Approach Lanes	1		

Design a single lane roundabout with a northbound left turn lane. Consultant to confirm that this layout will function adequately for the design year.

For other design details, see "District 3 Roundabout Reference Packet"

** Soil borings from PID 21984 can be used but sulfate testing is required to see if soils are compatible with global chemical stabilization.*

Check the profile of the crest vertical curve on the north leg of SR 3/SR 94 to make sure it meets design speed SSD.

North/south alignment should be developed with attempts to avoid impacting the 12"/16" waterline on the south side of SR 3/Ledge and the 16" waterline on the west side of the SR 94 south leg and the fence/landscaping on the north side of SR 3/Ledge.

Possible bioretention cell for BMPs.

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Signals

Signal Layout

Simple Span

Remove Existing Signal

Yes

Comments

Remove the existing traffic signal and salvage: Signal Cabinet, Controller, MMU, UPS inverter, Radar detectors, Radar Click BIU, Modem

Pavement

Pavement Segment 1

CRS	MED- 3, MED-94, Ledge Rd			Vibratory Roller Permitted	Yes
MOT	Detour	Existing	Proposed	Use Simplified Pav't Design	No
	Mainline Treatment Type	Asphalt	→ Same	Pav't Cores Required	No
	Shoulder Treatment Type	Pvd / Agg	→ Same	Pav't Cores Taken	No
	Paved Shoulder Width	8	→ Varies ft	Survey Required	Yes
	Verify Proposed Lane Width	11.5	→ Varies ft	R/W Required	Maybe
	Edge Line Location	> 2 Ft from EOS	→ > 2 Ft from EOS	Curbs Present	Yes
	Cross Slope		→ ft/ft	Safety Edge	Yes
	Proposed Grading Type	Common		Underdrains	Yes
	No. of Days Traffic can run on Milled Surface	N/A days			Y/N...
	Proposed Pav't Treatment	100 - New Flexible Pavement			

Design Exception No Description(s)

Comments *Proposed Build up:*

*1.5" Item 442 Asphalt Concrete Surface Course, 12.5MM, Type A (446) PG 76-22M
 1.75" Item 442 Asphalt Concrete Intermediate Course, 12.5MM, Type A (448) PG70-22M
 5" Item 301 Asphalt Concrete Base (449)
 6" Item 304 Aggregate Base
 Include global chemical stabilization (consultant to determine stabilization design)*

Attempt to use existing full-depth pavement that was constructed in the mid-2000's on SR 3 and SR 94 wherever possible and wherever pavement conditions permit. The goal should be to limit the full-depth replacement area wherever possible.

Drainage

Drainage

Consultant to design BMPs - possible bioretention cells.

Replace any enclosed drainage impacted by the proposed roundabout design and keep open ditches where feasible.

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Traffic Control

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

Comments For other traffic control design details, see "District 3 Roundabout Reference Packet"

Maintenance of Traffic (MOT)

MOT Item 1 of 1	MOT Type	Detour	Feature	Roundabout	Coordination Needed	Yes
	CRS	MED-3-19.59	Duration	(Days)	Municipality	Medina County
		Detailed MOT Sheets Required	Yes		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
Not aware of any conflicts			

Comments
 > SR 3 Detour: Use SR 606 (NB/SB)
 > SR 94 Detour: Use SR 18, IR 71, SR 3, and SR 606 (NB/SB)
 > Ledge Rd (CR 135) Detour: Use State Rd north (CR 44) to Bellus Rd west (CR 140) to SR 606 south to SR 3 (end detour) (WB, reverse for EB)
 Include detour plan for all routes.

Design Designation

						Opening Year:	2031		Design Year:	2051	
CRS	Speed Limit	Design Speed	Opening ADT	Design ADT	DHV	% K	% D	% T24	% TD	Traffic Forecast*	
SR 3	50	55	6,750	6,890	890	13	51	6	2	Cert Traf	
SR 3/SR 94	50	55	6,240	6,820	830	12	53	5	3	Cert Traf	
SR 94	45	50	11,710	12,600	1,570	12	52	6	8	Cert Traf	
Ledge Rd (CR 135)	55	60	1,490	1,590	230	14	53	5	3	Cert Traf	

*SR 3/SR 94/Ledge Rd data was determined based on 2030/2050 Certified Traffic and adjusted to 2031/2051. Consultant to verify Design Designation.

Project Classification

CRS	Federal Aid System	Functional Classification	Urbanized Area
SR 3	Other	Major Collector	Rural
SR 94	Other	Major Collector	Rural
Ledge Rd (CR 135)	Non-Federal Aide	Local	Rural

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Environmental

Environ. Category	Code	Responsibility																		
C2	I	In-House	MED-3-19.59																	
	T	OES Task Order																		
	C	Consultant Services																		
Environmental PM Don Rostofer	-	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																			
	Farmland Conversion Impact Rating Form																			
	Permit Determination Request Package		I																	
	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																			
Site	Floodplain Coordination																			
	Coastal Waterway Permit																			
	Regulated Mat. Review (RMR) (*)		I																	
Air	Phase 1 Env. Site Assess. Rpt. (If Auth.)																			
	Asbestos Survey/Inspection																			
	Ozone Analysis																			
Noise	MSAT Analysis																			
	PM 2.5 Analysis																			
Public	Traffic Noise Analysis Report																			
	Noise Barrier Public Involvement Summary																			
	Public Involvement Plan																			
	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 proposed ROW lines on Stage 1 plans. Check to see where corner properties' septic is and attempt to avoid impacts.

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Right-of-Way

R/W Site 1 of 1

Feature CRS MED-3-19.59
 Feature Type

R/W Type Permanent & Temp
 Known Relocations? No
 Access Modification Req'd? Maybe
 Estimated No. of Parcels 14
 Estimated No. of Owners 5
 Land Use Residential/Agricultural

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

Comments *Consultant should attempt to avoid right-of-way takes, if possible.
 Note: Property owner on the southwest and northwest corner is interested in developing those properties into commercial.*

The R/W purchased for PID 21984 was substantial enough to avoid permanent takes for a significant portion of the widening, and possibly some temps.

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 MED-3-19.59 Asset Type Roundabout Surveyor

	Count		Responsibility
Type 'A' Control Monument	2	Monuments	In-House
Type 'B' Control Monument	4	Monuments	In-House
Records Research including deeds and easements	12	Parcel	Dsgn Consultant
Existing Centerline and RW Field Survey	1	1 mile	In-House
Boundary Lines/Easements Field Survey	0.6	1 mile	Dsgn Consultant
Pin New R/W Following Construction	12	Parcel	Dsgn Consultant
Base Mapping (and Field Verify)	6	Tenths of a Mile	Dsgn Consultant
Est. Prop. Lines, Tax ID, Owners on Map	12	Parcel	Dsgn Consultant
Property Owner Notification	12	Parcel	Dsgn Consultant
Soil Boring Staking		Borings	Select...
Intersects Road (At Grade)		Tenths of a Mile	Select...
Topo for Intersection		Length Width Tenths of a Mile	Dsgn Consultant

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Comments

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 94, SR 3 & Ledge Road). 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 10 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 ROW staking for all ROW takes at the time of acquisition (includes all utilities, temps, SH, etc.). We will also need an if-authorized task for ROW staking for negotiations. 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).

Additional survey required for 60" and 18" conduits. Need 100 ft down channel in each direction and get OHWMs.

Work with Medina County Health Department to research and locate septic facilities and outlets as well as wells and cisterns.

Utilities

Utilities 1 of 1

Location	MED-3-19.59
Asset	Roundabout

	Name of Utility	Location/Description	Buried	Aerial	SUE Needed?	R/W Needed?	Reimbursable?
Power	Ohio Edison	West side of the north and south leg, south side of the east and west leg	No	Yes	No	Yes	Maybe
Phone	Frontier	South leg east side, north leg west side, west leg south side, east leg south to north side	No	Yes	No	Maybe	Maybe
Gas	Columbia Gas	South leg & north leg - none, west & east leg - south side (4" plastic)	Yes	No	Yes	Maybe	Maybe
Cable	Charter	Attached to Ohio Edison poles	Maybe	Yes	Maybe	Maybe	Maybe
Water	Medina County Sanitary Engineers	West & east leg - south side (16" & 12" water), south leg - west side (16" water)	Yes	No	Yes	Maybe	No
Comm.	Medina County Fiber Network	West side of SR 94/SR 3	Maybe	No	Yes	Maybe	Maybe

Comments Avoid the water mains as much as possible. Need 10 Level A test holes. Perform the SUE Level B on the Stage 1 plans and make sure that lighting is included with Stage 1 plans.

Utility relocation planning will to be performed by the consultant. See Consultant Utility Relocation Planning Policy for additional information.

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Coordination

Coordination

FAA	Yes	Railroad	No
Detour Coordination	Yes	Floodplain	No
Innovative Contracting	No	Bike Route or Trail within Project Limits	No
Maintenance Agreement	Maybe	Assets in Maintenance Agreement	Landscaping (permit)
Tree Removal	Maybe	Type of Tree Removal Contract	Capital

Local

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	
2/3/2026	Field Review Date	11/1/2028	Stage 2 Plans - Submitted
2/12/2026	In-House Scope Meeting	12/1/2028	Stage 2 Plans - Complete
-	Project Initiation Package	1/1/2029	Compliance R/W Review Approv
3/1/2026	Initial Project Scope Complete	2/15/2029	Final R/W Plans - Approved
-	Programmatic Date	3/1/2029	R/W Authorized
9/1/2026	Authorized Design Consultant	-	Waterway Permit Det. -Submit
3/1/2027	Survey Deliverables Complete	-	404/401 Permits Submitted
-	Feasibility Study - Approved	7/1/2029	Stage 3 Plans - Submitted
-	Alternative Evaluation Report - Appr.	8/1/2029	Stage 3 Plans - Complete
-	Preferred Alternative Approval	3/1/2030	R/W Acquisition Complete
-	Begin In-House Detailed Design	3/15/2030	District R/W Certification
9/15/2027	NEPA Start Date	2/1/2030	Final Tracings Submitted
9/1/2027	Pre-Stage 1 - Submitted	3/1/2030	Final Tracings Complete
10/1/2027	Pre-Stage 1 - Complete	4/1/2030	Plan Package Received in C.O.
4/1/2028	Stage 1 Plans - Submitted	7/1/2030	Sale Date
5/1/2028	Stage 1 Plans - Approved	7/1/2030	Award Date
7/1/2028	Preliminary R/W Plans - Approved	6/1/2031	Estimated Begin Construction
9/15/2028	Environmental Doc. Approved	10/1/2031	Estimated End Construction

TED Office Required Milestones - All Projects

TED Office Required Milestones - >20M Projects

District Required Milestones - All Projects

Milestone not needed for all projects

Comments

Schedule will be dependent on how many temporary and permanent takes are needed.

The consultant will work with the PM to check the schedule prior to FY2031 lock down (fall 2029). If acquisition is not attainable by the currently scheduled date, the project could be reevaluated to be delivered later in Q1 or in another quarter in FY2031.

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Funding

Split / Priority	Name	Plan Split Code	Funding Source 1		Funding Source 1		Cost
			Source 1	Source 2	Source 1	Source 2	
			%	Fund	%	Fund	
1 / 1	CO CO Contr 01	01/SAF	90	4HJ7	10	4BG7	\$3,400,000.00
<i>Descr:</i>	<i>Install rural roundabout - Safety funds</i>						

Funding Summary

Project Phase	Funding Source / Description	Percent (%)			FY	Phase Estimate (\$)
		Fed	State	Local		
Preliminary Engineering						
Environmental	ENV Env PE 01	90	10	0	27	\$650,000.00
Detailed Design	DD Dtl Dsgn 01	90	10	0	29	\$100,000.00
Right of Way Services	RW RW Serv 01	90	10	0	29	\$75,000.00
Right of Way Acquisition	RW Acquis 01	90	10	0	29	\$125,000.00
Utilities Reimbursement						
Construction Contract	CO CO Contr 01	90	10	0	31	\$3,400,000.00
Construction Engineering	LABR	90	10	0	31	\$272,000.00
Total						\$4,622,000.00

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Field Review

Attendees

Scott Ockunzzi, Kenny Knapp, Jared Feller, Jane Cullen, Adam Mellen, John Schafrath

Date

2/3/2026

Notes

- Noted water mains on the south/west sides that should be avoided
- Existing footprint is very wide with turn lanes and full 8 ft shoulders. Potential to re-use a lot of the existing pavement constructed in the early-2000's.
- North leg could have a sight distance issue - consultant to explore
- Look out for septic and fences and try to avoid

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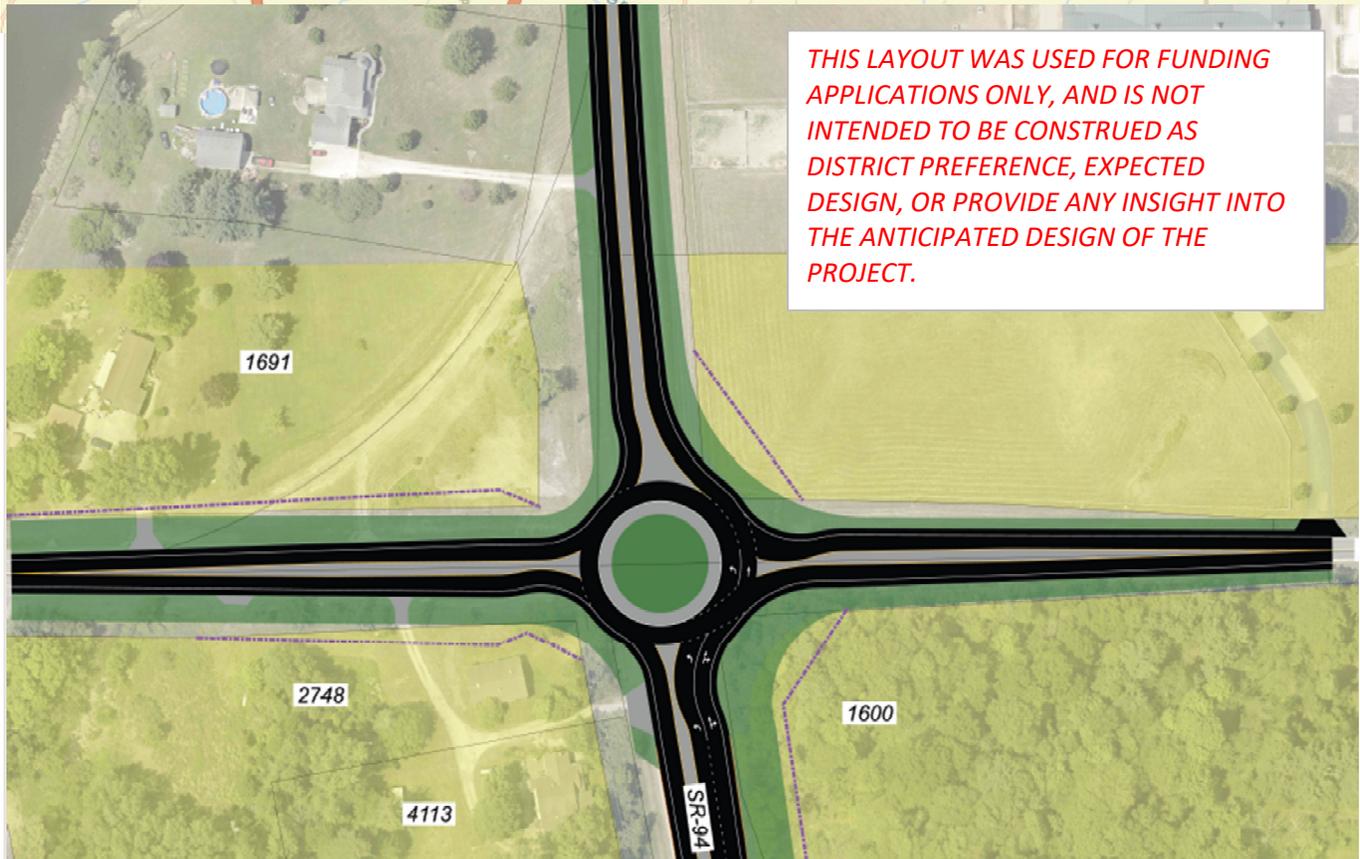
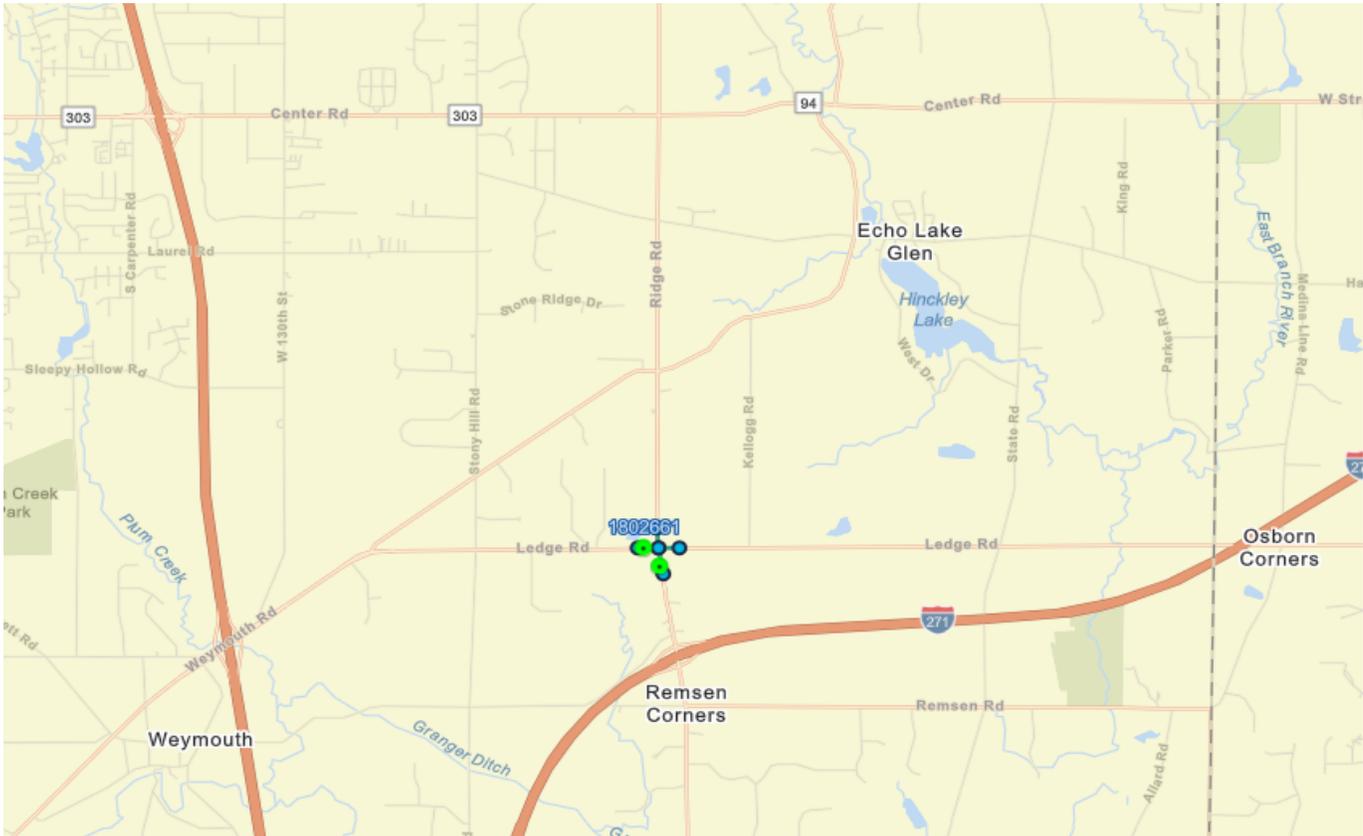
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Map

See the project overview map below.



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Signatures and Attendance				Approval		Field Visit	Scope Meeting	
		Signature	Date	Approve	Disapprove	2/13/2026	2/12/2026	
Work Plan Coord. / Ellis Coordinator	Heidi Mertler	<i>Heidi Mertler</i>	2/20/2026	X		-	X	-
Environmental PM	Don Rostofer	Donald E. Rostofer	3/2/2026	X		-	X	-
Bridge Engineer	Kent Kapustar	Kent A. Kapustar	02/20/2026			-	-	-
Planning Engineer	Scott Ockunzzi	<i>Scott R Ockunzzi</i>	02/20/2026	X		X	X	-
Design PM	Jane Cullen	Jane Cullen	02/20/2026	X		X	X	-
Roadway Engineer	Charlie Laughrey	Charlie Laughrey	2/23/26	x		-	X	-
Traffic Engineer	Julie Cichello	Julie Cichello	3/2/2026	X		-	-	-
Survey Op. Mgr.	Scott Hawkins	Scott Hawkins	02/23/2026	x		-	-	-
Utility Coordinator	John Schafrath	John Schafrath	2-23-26	X		X	X	-
Real Estate Admin.	Brad Corder	<i>Bradley S. Corder</i>	02/20/2026	X		-	-	-
Design Engineer	Kenny Knapp	<i>Kenny Knapp</i>	02/20/2026	X		X	X	-
Constr. Area Eng.	Andy Blazek	<i>Andrew D Blazek</i>	2/23/2026	X		-	X	-
Constr. Engineer	Mike Fair	Mike Fair	02/20/2026	X		-	-	-
Cap. Prog. Admin.	Matt Walter	Matt Walter	02/23/2026	X		-	-	-
Rdwy. Serv. Mgr.	Kimberly Conklin					-	-	-
Hwy. Mgt. Admin.	Eric Sheppard	Eric Sheppard	2/20/2026	X		-	-	-
County Manager	Matt Simon					-	X	-
Consultant Mngr	Shelley Pitcher					-	-	-
Attendee	Adam Mellen	N/A	N/A	N/A	N/A	X	X	-
Attendee	Jared Feller	N/A	N/A	N/A	N/A	X	X	-
Attendee	Bethany Wallace	N/A	N/A	N/A	N/A	-	X	-
Attendee	Carrie Whitaker	N/A	N/A	N/A	N/A	-	X	-