



Region 4 - DB2506 Timber Bridge Bundle

TDOT | American Structurepoint | Avenue Consultants | Gresham Smith

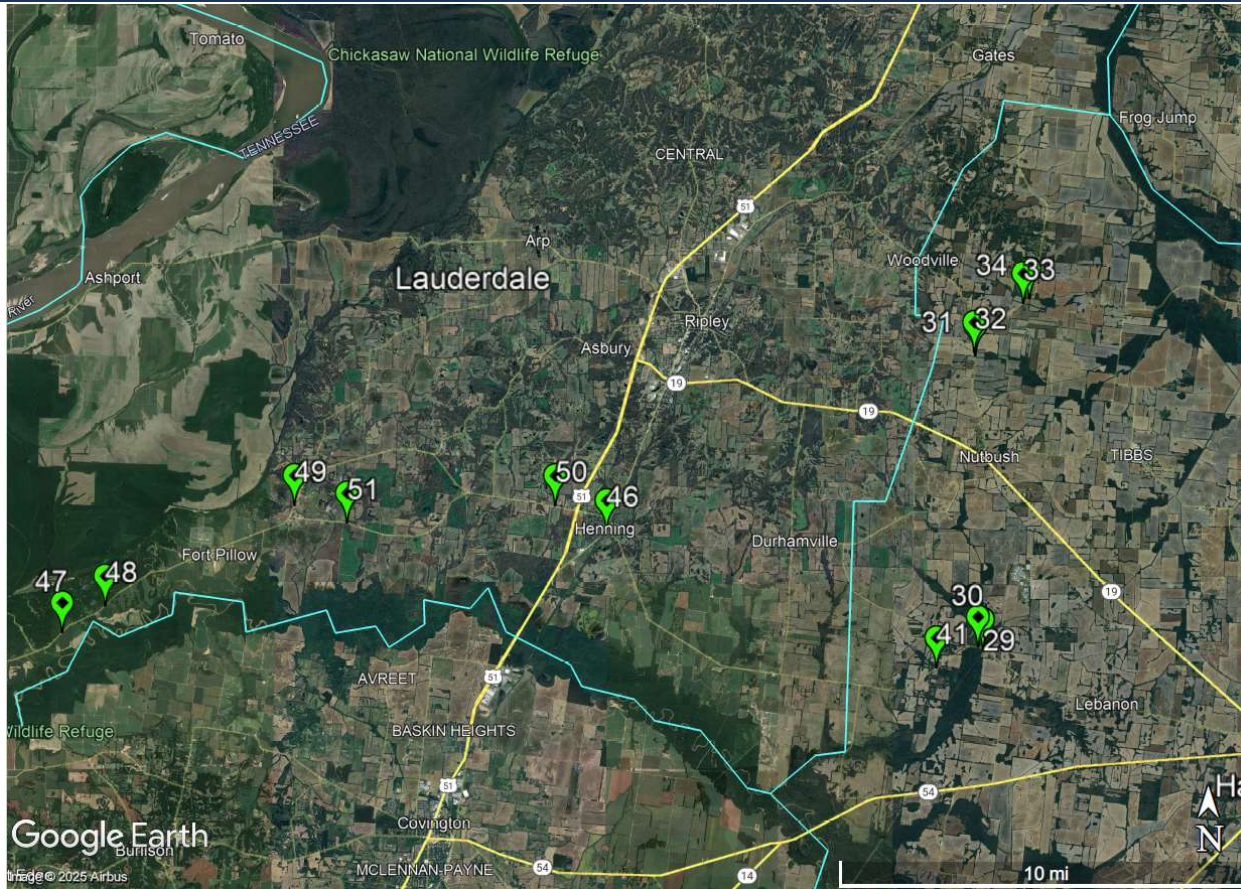
April 3, 2025

R4 Timber Bridge Bundle Project

Agenda

- Welcome
- Proposed Bridge Bundle 1
- TDOT Bridge Bundle Selection Factors
- Anticipated Procurement Schedule
- TDOT next steps for Bridge Bundle 1
- Overall Bridge List

Proposed Bridge Bundle 1



Lauderdale (6):
46, 49, 50, 51
47, 48

Haywood (7):
31, 32, 33, 34
29, 30, 41

Proposed Bridge Bundle 1

TDOT R4 Timber Bridge Bundle Project - Proposed Bundle 1 - Industry Outreach																
Bridge #	Old PIN Number	New PIN Number	County	State Route	Feature Intersected	Proposed Spans	Proposed Length (FT)	Current Bridge Rating	Detour SR Miles (Local Miles)	AADT (2029)	Proposed Grade Raise (FT)	TRIMS Existing ROW Width (ft)	Concept Report			Notes
													Existing ROW Width (ft)	Estimated ROW (acre)	Utilities	
		136185.00														
31	134876.00	136185.04	Haywood	SR180	OTTER CREEK	single	75	Fair/Posted	23 (7)	620	1.5	50	30	1.51/2.34	See Note (utility attached to bridge in inspection photos)	Adjacent bridges; Both skewed; ROW shown is for both bridges combined; Utility Division's preliminary review identified the presence of gas, comm, & water.
32	134877.00	136185.05	Haywood	SR180	OVERFLOW	single or two	80	Poor/Posted	23 (7)	620	1.5 (single) 1.0 (2-span)	50	30		See Note	
33	134878.00	136185.06	Haywood	SR180	OVERFLOW	single	70	Poor/Posted	32 (8)	820	1.5	50	30	0.94/3.86	power, comm, gas utility attached to bridge	Adjacent bridges, Both skewed; ROW for both bridges combined.
34	134879.00	136185.07	Haywood	SR180	LOST CREEK	single	100	Poor/Posted	32 (8)	820	1	50	30		power, comm, gas utility attached to bridge	
46	134856.00	136185.08	Lauderdale	SR087	DRAINAGE DITCH	single	50	Fair/Posted	40 (1)	480	1	32	50	0.08	OH electric / comm, water	5' sidewalk on one side; single-lane RR underpass west of the bridge
49	134859.00	136185.11	Lauderdale	SR087	BRANCH	single	40	Poor/Posted	10 (5)	780	1.5	50	60	0.32	OH electric / comm	
50	134860.00	136185.12	Lauderdale	SR087	BRANCH	single	60	Fair/Posted	none (4)	1910	2	100	60	0.64	OH electric / comm	Existing bridge has significant drift issues and channel stability / scour. No viable state route detour
51	134862.00	136185.13	Lauderdale	SR371	BRANCH	single	65	Fair/Posted	10 (5)	940	2	50	60	0.66	OH electric	
47	134857.00	136185.09	Lauderdale	SR087	BRANCH	single	90	Poor/Posted	none (42)	340	2	50	60	0.77	OH electric	No state detour, local route detour 58 mins
48	134858.00	136185.10	Lauderdale	SR087	BRANCH	single	60	Fair/Posted	none (42)	340	1	50	60	0.86	OH electric / comm	No state detour, local route detour 58 mins. Realignment to south.
29	134873.00	136185.02	Haywood	SR087	LAGOON CREEK	single	75	Fair/Posted	39 (17)	290	1	50	30	0.22	OH power	Existing bridge is scour critical and undersized. OH High Voltage Transmission lines crossing east side of project. TVA coordination may be needed.
30	134874.00	136185.03	Haywood	SR087	BRANCH	single	40	Fair/Posted	39 (14)	290	2	50	30	0.27	OH power	
41	134848.00	136185.01	Haywood	SR087	BRANCH	single	50	Fair/Posted	39 (14)	320	1	50	30	0.26	OH electric	

Bridge Bundle Selection Factors



Location

Proximity to Other Bridges



Bridge Condition

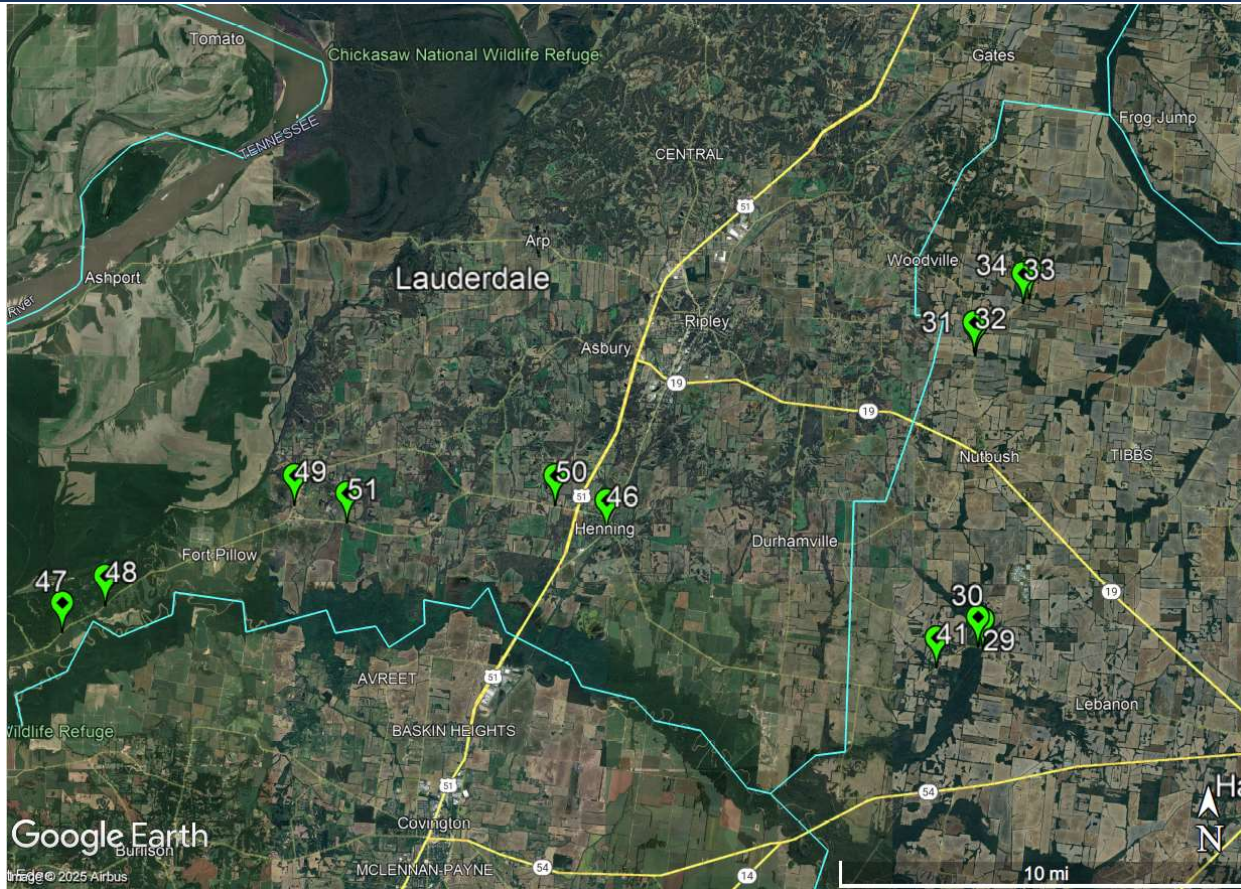
Poor or Fair



MOT Needs

Realignment vs. Detour

Location, Location, Location



Lauderdale (6):
46, 49, 50, 51
47, 48

Haywood (7):
31, 32, 33, 34
29, 30, 41

Bridge Bundle Selection Factors



Location

Proximity to Other Bridges



Bridge Condition

Poor or Fair



MOT Needs

Realignment vs. Detour

Existing Bridge Condition

TDOT R4 Timber Bridge Bundle Project - Proposed Bundle 1 - Industry Outreach																
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Bridge Bundle Selection Factors



Location

Proximity to Other Bridges



Bridge Condition

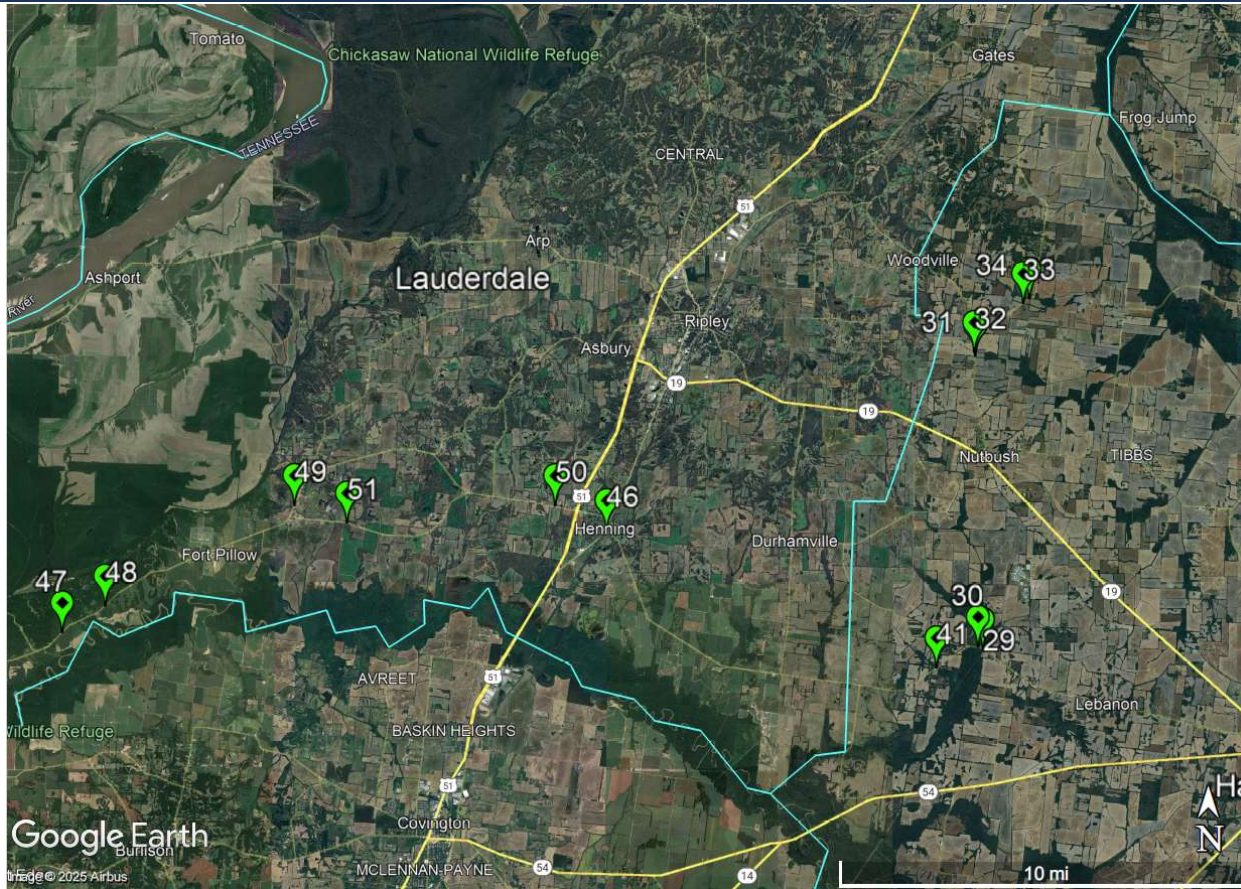
Poor or Fair



MOT Needs

Realignment vs. Detour

MOT / Detour



Bridge #	County	State Route	Detour SR Miles (Local Miles)	AADT (2019)
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31	Haywood	SR180	23 (7)	620
32	Haywood	SR180	23 (7)	620
33	Haywood	SR180	32 (8)	820
34	Haywood	SR180	32 (8)	820
46	Lauderdale	SR087	40 (1)	480
49	Lauderdale	SR087	10 (5)	780
50	Lauderdale	SR087	none (4)	1910
51	Lauderdale	SR371	10 (5)	940
47	Lauderdale	SR087	none (42)	340
48	Lauderdale	SR087	none (42)	340
29	Haywood	SR087	39 (17)	290
30	Haywood	SR087	39 (14)	290
41	Haywood	SR087	39 (14)	320

TDOT Next Steps for Bridge Bundle 1



ROW Research



Geotechnical Borings and Data Reports



Develop Utility Contact List



Finalize Base Technical Concept



Environmental Resource Identification



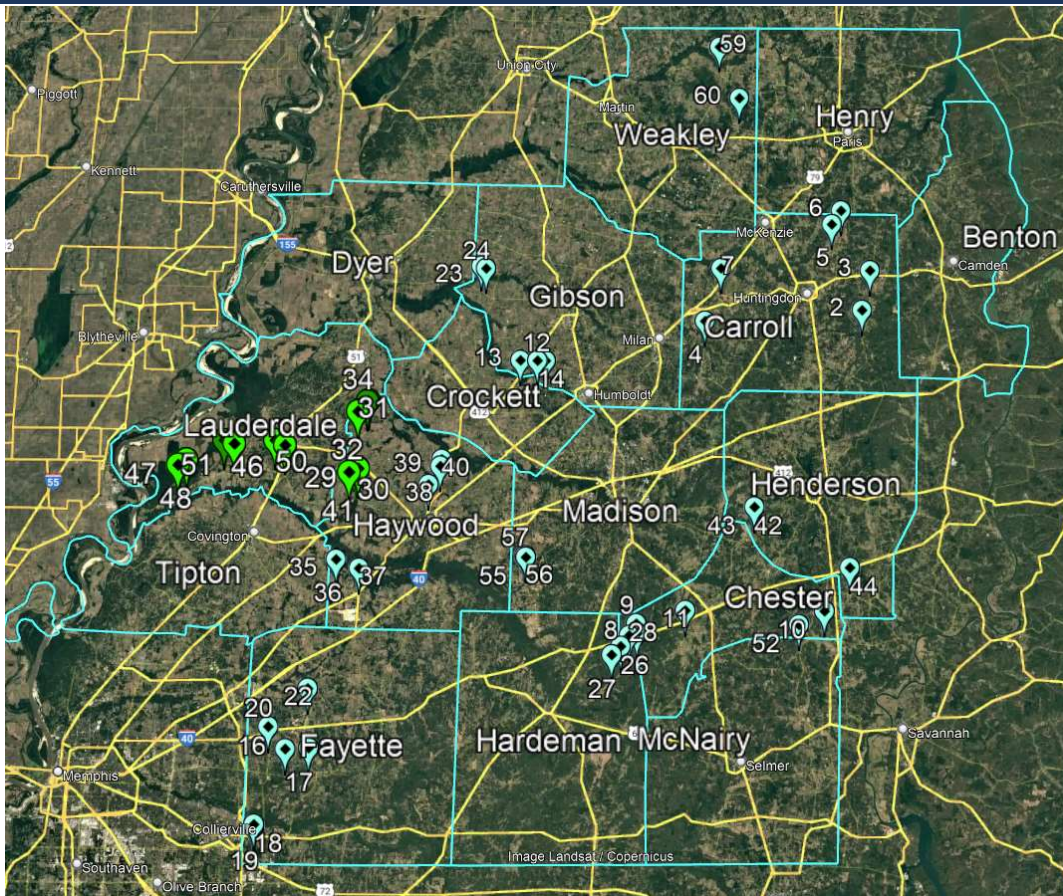
RFQ anticipated May 2025

Procurement Schedule

Activity	Anticipated Date*
Advertisement (Issue RFQ)	May 2025
SOQ Due Date	July 2025
Short-list	August 2025
Release RFP to Short-listed Proposers	August 2025
Deadline for Submittal of ATCs	October 2025
Respond to ATCs	October 2025
Anticipated Deadline for Addendum	October 2025
Proposal Due	December 2025
Award	January 2026
Notice to Proceed	February 2026

*Dates are subject to change

R4 Timber Bridge List



- **Carroll (6)** – 2, 3, 4, 5, 6, 7
- **Chester (4)** – 8, 9, 10, 11
- **Crockett (3)** – 12, 13, 14
- **Fayette (6)** – 16, 17, 18, 19, 20, 22
- **Gibson (3)** – 23, 24
- **Hardeman (3)** – 26, 27, 28
- **Haywood (13)** – 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41
- **Henderson (3)** – 42, 43, 44
- **Lauderdale (6)** – 46, 47, 48, 49, 50, 51
- **Madison (3)** – 55, 56, 57
- **McNairy (3)** – 52
- **Weakley (2)** – 59, 60

Bridge Bundle 2 RFP Anticipated May 2026

Region 4 - DB2506 Timber Bridge Bundle

Questions

Contact:

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