

SR-167 & SR-52 (Combined Project)	SR-167 (24.0 MI)	SR-52 (10.2 MI)	TURN LANES & SIGNALS	CORRIDOR SUBTOTAL	ALTERNATIVES FOR SR-52 AT SR-167 (BYPASS)		PROJECT TOTAL
ALTERNATIVE A: 4-LANE DIVIDED	\$ 230,821,000.00	\$ 161,614,800.00	\$ 14,610,000.00	\$ 407,045,800	1	\$ 55,891,500.00	\$ 462,938,000.00
					2	\$ 71,860,500.00	\$ 478,907,000.00
					3	\$ 22,422,500.00	\$ 429,469,000.00
ALTERNATIVE B: ADD INTERMITTENT PASSING LANES	\$ 29,160,000.00	\$ -	\$ 6,719,000.00	\$ 35,879,000	-		\$ 35,879,000.00

SR-167 (Individual Project)	ALT A: 4-LANE DIVIDED w/ INT. IMPROVEMENTS	ALT B: 3-LANE INTERMITTENT PASSING LANES & INT. IMPROVEMENTS
CONSTRUCTION (INCLUDES CONTINGENCY AND CE&I)	\$ 154,015,000.00	\$ 25,064,000.00
PRELIMINARY ENGINEERING (15%)	\$ 23,116,000.00	\$ 3,762,000.00
UTILITY COST	\$ 17,760,000.00	\$ 3,330,000.00
RIGHT-OF-WAY COST	\$ 18,000,000.00	\$ 3,378,000.00
ALDOT INDIRECT COSTS (13.7%)	\$ 29,175,000.00	\$ 4,871,000.00
PROJECT TOTAL	\$ 242,066,000.00	\$ 40,405,000.00

SR-52 (Individual Project)	ALT A: 4-LANE DIVIDED WITH ALTERNATIVE 1 & INT. IMPROVEMENTS	ALT A: 4-LANE DIVIDED WITH ALTERNATIVE 2 & INT. IMPROVEMENTS	ALT A: 4-LANE DIVIDED WITH ALTERNATIVE 3 & INT. IMPROVEMENTS	ALT B: INT. IMPROVEMENTS ONLY
CONSTRUCTION (INCLUDES CONTINGENCY AND CE&I)	\$ 146,301,100.00	\$ 155,830,100.00	\$ 126,857,100.00	\$ 2,573,000.00
PRELIMINARY ENGINEERING (15%)	\$ 21,954,000.00	\$ 23,384,000.00	\$ 19,036,500.00	\$ 386,000.00
UTILITY COST	\$ 11,625,500.00	\$ 12,790,500.00	\$ 9,398,000.00	\$ 1,665,000.00
RIGHT-OF-WAY COST	\$ 14,370,000.00	\$ 16,290,000.00	\$ 9,525,000.00	\$ 1,689,000.00
ALDOT INDIRECT COSTS (13.7%)	\$ 26,214,700.00	\$ 28,545,700.00	\$ 22,585,700.00	\$ 406,000.00
PROJECT TOTAL	\$ 220,466,000.00	\$ 236,841,000.00	\$ 187,403,000.00	\$ 6,719,000.00

NOTES:

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3. CONTINGENCY INCLUDES MISCELLANEOUS AND/OR UNKNOWN ITEMS THAT CANNOT BE QUANTIFIED AT THE TIME THIS STUDY WAS CONDUCTED.
4. UTILITY RELOCATION AND RIGHT-OF-WAY COSTS ARE INCLUDED IN THIS ESTIMATE. HOWEVER, THESE COSTS ARE HIGHLY VARIABLE AND DEPENDENT ON SEVERAL FACTORS. DUE TO LIMITED INFORMATION AT THE TIME OF THIS ESTIMATE, THE COST PROVIDED SHOULD BE CONSIDERED AS BUDGETARY ONLY.

Widening SR-167 & SR-52 to 4-Lane Divided				
Per Mile Cost				
Item Description	Unit	Quantity	Unit Price	Amount
Clearing & Grubbing	LS	1	\$ 120,000.00	\$ 120,000.00
Unclassified Excavation	CY	20000	\$ 15.00	\$ 300,000.00
Borrow Excavation	CY	55000	\$ 15.00	\$ 825,000.00
Crushed Aggregate Base Course, Type B, Plant Mixed, 8" Compacted Thickness	SY	23500	\$ 15.00	\$ 352,500.00
Micro-Milling Existing Pavement (Approximately 1.10" Thru 2.00" Thick)	SY	18800	\$ 5.00	\$ 94,000.00
Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D (165 LB/SY)	TN	1940	\$ 125.00	\$ 242,500.00
Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D (330 LB/SY)	TN	3880	\$ 125.00	\$ 485,000.00
Superpave Bituminous Concrete Lower Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D (330 LB/SY)	TN	3880	\$ 125.00	\$ 485,000.00
Drainage	LS	1	\$ 430,000.00	\$ 430,000.00
Erosion Control & Stabilization	LS	1	\$ 235,000.00	\$ 235,000.00
Striping & Signing	LS	1	\$ 115,000.00	\$ 115,000.00
Traffic Control	LS	1	\$ 75,000.00	\$ 100,000.00
Mobilization (9.7% of Overall Cost)	LS	1	\$ 367,048.00	\$ 367,048.00
Engineering Controls (1.3% of Overall Cost)	LS	1	\$ 53,963.62	\$ 53,963.62
			Construction Subtotal	\$ 4,206,000.00
			Contingency (15%)	\$ 631,000.00
			CE&I Costs (15%)	\$ 726,000.00
			Construction Total:	\$ 5,563,000.00
			Preliminary Engineering (15%)	\$ 835,000.00
			Utility Cost:	\$ 740,000.00
			Right-of-Way Cost:	\$ 750,000.00
			ALDOT Indirect Costs (13.7%)	\$ 1,081,000.00
			Per Mile Total:	\$ 8,969,000.00

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- CONTINGENCY INCLUDES MISCELLANEOUS AND/OR UNKNOWN ITEMS THAT CANNOT BE QUANTIFIED AT THE TIME THIS STUDY WAS CONDUCTED.
- MICRO-MILLING QUANTITY ASSUMES 32' EXISTING ROADWAY WIDTH ALONG THE ENTIRE LENGTH OF THE PROJECT.
- PROPOSED PAVEMENT BUILD-UP IS ASSUMED TO BE 1.5" WEARING SURFACE, 3" UPPER BINDER LAYER, AND 3" LOWER BINDER LAYER (ESAL RANGE C/D). THE CRUSHED AGGREGATE BASE IS ASSUMED TO BE 8" THICK.
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Widening SR-167 & SR-52 to 3 Lanes / Passing Lane				
Per Mile Cost				
Item Description	Unit	Quantity	Unit Price	Amount
Clearing & Grubbing	LS	1	\$ 64,000.00	\$ 64,000.00
Unclassified Excavation	CY	5000	\$ 15.00	\$ 75,000.00
Borrow Excavation	CY	25000	\$ 15.00	\$ 375,000.00
Crushed Aggregate Base Course, Type B, Plant Mixed, 8" Compacted Thickness	SY	11750	\$ 15.00	\$ 176,250.00
Micro-Milling Existing Pavement (Approximately 1.10" Thru 2.00" Thick)	SY	18800	\$ 5.00	\$ 94,000.00
Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D (165 LB/SY)	TN	970	\$ 125.00	\$ 121,250.00
Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D (330 LB/SY)	TN	1940	\$ 125.00	\$ 242,500.00
Superpave Bituminous Concrete Lower Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D (330 LB/SY)	TN	1940	\$ 125.00	\$ 242,500.00
Drainage	LS	1	\$ 215,000.00	\$ 215,000.00
Erosion Control & Stabilization	LS	1	\$ 150,000.00	\$ 150,000.00
Striping & Signing	LS	1	\$ 70,000.00	\$ 70,000.00
Traffic Control	LS	1	\$ 40,000.00	\$ 40,000.00
Mobilization (9.7% of Overall Cost)	LS	1	\$ 180,953.50	\$ 180,953.50
Engineering Controls (1.3% of Overall Cost)	LS	1	\$ 26,603.90	\$ 26,603.90
			Construction Subtotal	\$ 2,074,000.00
			Contingency (15%)	\$ 312,000.00
			CE&I Costs (15%)	\$ 358,000.00
			Construction Total:	\$ 2,744,000.00
			Preliminary Engineering (15%)	\$ 412,000.00
			Utility Cost:	\$ 555,000.00
			Right-of-Way Cost:	\$ 563,000.00
			ALDOT Indirect Costs (13.7%)	\$ 586,000.00
			Per Mile Total:	\$ 4,860,000.00

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- PROPOSED PAVEMENT BUILD-UP IS ASSUMED TO BE 1.5" WEARING SURFACE, 3" UPPER BINDER LAYER, AND 3" LOWER BINDER LAYER (ESAL RANGE C/D). THE CRUSHED AGGREGATE BASE IS ASSUMED TO BE 8" THICK.
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New 4-Lane Divided Alignment for SR-52 at SR-167 (Bypass)				
Per Mile Cost				
Item Description	Unit	Quantity	Unit Price	Amount
Clearing & Grubbing	LS	1	\$ 232,000.00	\$ 232,000.00
Unclassified Excavation	CY	38800	\$ 15.00	\$ 582,000.00
Borrow Excavation	CY	99000	\$ 15.00	\$ 1,485,000.00
Crushed Aggregate Base Course, Type B, Plant Mixed, 8" Compacted Thickness	SY	42240	\$ 15.00	\$ 633,600.00
Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D (165 LB/SY)	TN	3490	\$ 125.00	\$ 436,250.00
Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D (330 LB/SY)	TN	6970	\$ 125.00	\$ 871,250.00
Superpave Bituminous Concrete Lower Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D (330 LB/SY)	TN	6970	\$ 125.00	\$ 871,250.00
Drainage	LS	1	\$ 817,000.00	\$ 817,000.00
Erosion Control & Stabilization	LS	1	\$ 385,000.00	\$ 385,000.00
Striping & Signing	LS	1	\$ 120,000.00	\$ 120,000.00
Traffic Control	LS	1	\$ 50,000.00	\$ 50,000.00
Mobilization (9.7% of Overall Cost)	LS	1	\$ 628,884.95	\$ 628,884.95
Engineering Controls (1.3% of Overall Cost)	LS	1	\$ 92,459.05	\$ 92,459.05
			Construction Subtotal	\$ 7,205,000.00
			Contingency (15%)	\$ 1,081,000.00
			CE&I Costs (15%)	\$ 1,243,000.00
			Construction Total:	\$ 9,529,000.00
			Preliminary Engineering (15%)	\$ 1,430,000.00
			Utility Cost:	\$ 1,165,000.00
			Right-of-Way Cost:	\$ 1,920,000.00
			ALDOT Indirect Costs (13.7%)	\$ 1,925,000.00
			Per Mile Total:	\$ 15,969,000.00

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4. PROPOSED PAVEMENT BUILD-UP IS ASSUMED TO BE 1.5" WEARING SURFACE, 3" UPPER BINDER LAYER, AND 3" LOWER BINDER LAYER (ESAL RANGE C/D). THE CRUSHED AGGREGATE BASE IS ASSUMED TO BE 8" THICK.
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SR-167 & SR-52 Corridors		
Intersection Improvements		
Turn Lanes	Construction Difficulty	Amount
SR-167 at Geneva County Road 9	1	\$ 200,000.00
SR-167 at Geneva County Road 4	2	\$ 600,000.00
SR-167 at Geneva County Road 16	1	\$ 400,000.00
SR-167 at Geneva County Road 61/State Route 123	2	\$ 600,000.00
SR-167 at Geneva County Road 38	1	\$ 200,000.00
SR-167 at Geneva County Road 45	2	\$ 600,000.00
SR-167 at Geneva County Road 41	2	\$ 600,000.00
SR-167 at State Route 85	3	\$ 800,000.00
SR-167 at Dale County Road 1	3	\$ 800,000.00
SR-167 at State Route 92	1	\$ 200,000.00
SR-167 at Coffee County Road 709	2	\$ 600,000.00
SR-52 at State Route 27	3	\$ 400,000.00
SR-52 at Geneva County Road 4	2	\$ 300,000.00
SR-52 at Geneva County Road 41	1	\$ 200,000.00
SR-52 at Geneva County Road 16	1	\$ 200,000.00
SR-52 at Geneva County Road 55	1	\$ 200,000.00
SR-52 at Geneva County Road 34	1	\$ 200,000.00
Traffic Signals		
	Unit Price	
Signal at SR-167 & SR-52 Intersection	\$	250,000.00

Construction Difficulty *based on Google Earth street view

1 = Least Difficult

3 = Most Difficult

Construction Subtotal	\$	7,350,000.00
Mobilization (9.7%)	\$	713,000.00
Geometric Controls (1.3%)	\$	105,000.00
Contingency (15%)	\$	1,226,000.00
CE&I Costs (15%)	\$	1,410,000.00
Construction Total:	\$	10,804,000.00
Preliminary Engineering (15%)	\$	1,621,000.00
Utility Cost:	INCLUDED IN PER MILE COST	
Right-of-Way Cost:	INCLUDED IN PER MILE COST	
ALDOT Indirect Costs (13.7%)	\$	1,703,000.00
Total:	\$	14,128,000.00

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SR-167 Intersection Improvements	SR-52 Intersection Improvements
Amount	Amount
\$ 200,000.00	
\$ 600,000.00	
\$ 400,000.00	
\$ 600,000.00	
\$ 200,000.00	
\$ 600,000.00	
\$ 600,000.00	
\$ 800,000.00	
\$ 800,000.00	
\$ 200,000.00	
\$ 600,000.00	
	\$ 400,000.00
	\$ 300,000.00
	\$ 200,000.00
	\$ 200,000.00
	\$ 200,000.00
	\$ 200,000.00
\$ 250,000.00	\$ 250,000.00

\$ 5,850,000.00	\$ 1,750,000.00
\$ 568,000.00	\$ 170,000.00
\$ 84,000.00	\$ 25,000.00
\$ 976,000.00	\$ 292,000.00
\$ 1,122,000.00	\$ 336,000.00
\$ 8,600,000.00	\$ 2,573,000.00
\$ 1,290,000.00	\$ 386,000.00
INCLUDED IN PER MILE COST	INCLUDED IN PER MILE COST
INCLUDED IN PER MILE COST	INCLUDED IN PER MILE COST
\$ 1,355,000.00	\$ 406,000.00
\$ 11,245,000.00	\$ 3,365,000.00

New 4-Lane Divided Bridge on SR-167 over Choctawhatchee River				
Total Cost				
Item Description	Unit	Quantity	Unit Price	Amount
Removal of Existing Bridge	SF	15110	\$ 15.00	\$ 226,650.00
Bridge	SF	39360	\$ 200.00	\$ 7,872,000.00
Mobilization (9.7% of Overall Cost)	LS	1	\$ 785,569.05	\$ 785,569.05
Engineering Controls (1.3% of Overall Cost)	LS	1	\$ 115,494.85	\$ 115,494.85

Construction Subtotal	\$ 9,000,000.00
Contingency (15%)	\$ 1,350,000.00
CE&I Costs (15%)	\$ 1,553,000.00
Construction Total:	\$ 11,903,000.00
Preliminary Engineering (15%)	\$ 1,786,000.00
Utility Cost:	INCLUDED IN PER MILE COST
Right-of-Way Cost:	INCLUDED IN PER MILE COST
ALDOT Indirect Costs (13.7%)	\$ 1,876,000.00
Total:	\$ 15,565,000.00

New 3-Lane Bridge on SR-167 over Choctawhatchee River				
Total Cost				
Item Description	Unit	Quantity	Unit Price	Amount
Removal of Existing Bridge	SF	15110	\$ 15.00	\$ 226,650.00
Bridge	SF	26880	\$ 200.00	\$ 5,376,000.00
Mobilization (9.7% of Overall Cost)	LS	1	\$ 543,457.05	\$ 543,457.05
Engineering Controls (1.3% of Overall Cost)	LS	1	\$ 79,899.39	\$ 79,899.39

Construction Subtotal	\$ 6,227,000.00
Contingency (15%)	\$ 935,000.00
CE&I Costs (15%)	\$ 1,075,000.00
Construction Total:	\$ 8,237,000.00
Preliminary Engineering (15%)	\$ 1,236,000.00
Utility Cost:	INCLUDED IN PER MILE COST
Right-of-Way Cost:	INCLUDED IN PER MILE COST
ALDOT Indirect Costs (13.7%)	\$ 1,298,000.00
Total:	\$ 10,771,000.00

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4. COST ASSUMES REMOVAL AND REPLACEMENT OF EXISTING BRIDGES.

New 4-Lane Divided Bridges on SR-52 over Choctawhatchee River (2 Each)				
Total Cost				
Item Description	Unit	Quantity	Unit Price	Amount
Removal of Existing Bridges	SF	55910	\$ 15.00	\$ 838,650.00
Bridges	SF	142620	\$ 250.00	\$ 35,655,000.00
Mobilization (9.7% of Overall Cost)	LS	1	\$ 3,539,884.05	\$ 3,539,884.05
Engineering Controls (1.3% of Overall Cost)	LS	1	\$ 520,435.94	\$ 520,435.94

Construction Subtotal	\$ 40,554,000.00
Contingency (15%)	\$ 6,084,000.00
CE&I Costs (15%)	\$ 6,996,000.00
Construction Total:	\$ 53,634,000.00
Preliminary Engineering (15%)	\$ 8,046,000.00
Utility Cost:	INCLUDED IN PER MILE COST
Right-of-Way Cost:	INCLUDED IN PER MILE COST
ALDOT Indirect Costs (13.7%)	\$ 8,451,000.00
Total:	\$ 70,131,000.00

New 3-Lane Bridges on SR-52 over Choctawhatchee River (2 Each)				
Total Cost				
Item Description	Unit	Quantity	Unit Price	Amount
Removal of Existing Bridges	SF	55910	\$ 15.00	\$ 838,650.00
Bridges	SF	98120	\$ 250.00	\$ 24,530,000.00
Mobilization (9.7% of Overall Cost)	LS	1	\$ 2,460,759.05	\$ 2,460,759.05
Engineering Controls (1.3% of Overall Cost)	LS	1	\$ 361,782.32	\$ 361,782.32

Construction Subtotal	\$ 28,192,000.00
Contingency (15%)	\$ 4,229,000.00
CE&I Costs (15%)	\$ 4,864,000.00
Construction Total:	\$ 37,285,000.00
Preliminary Engineering (15%)	\$ 5,593,000.00
Utility Cost:	INCLUDED IN PER MILE COST
Right-of-Way Cost:	INCLUDED IN PER MILE COST
ALDOT Indirect Costs (13.7%)	\$ 5,875,000.00
Total:	\$ 48,753,000.00

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