

**Alabama Department of Transportation  
Proposal Item Summary**

**019. RP-BR-0008(542)**

**MARENGO COUNTY**

Contract Time: 190 Working Days

DBE Goal Percent: 3.00

for constructing the Bridge Replacements (Grading, Drainage, Pavement, and Bridge) on SR-8 (US-80) over Cottonwood Creek. Length 1.088 mi.

The Bracket Estimate on this project is from \$7,317,335 to \$8,943,410.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$63.00 per set.

*The Principal Items of work are approximately as follows:*

Item No.	Quantity	Units	Description
201A002	1	LS	Clearing And Grubbing (Maximum Allowable Bid \$ 8,000.00 Per Acre) (Approximately 25 Acres)
206A000	1	LS	Removal Of Old Bridge, Station 132+89.000
206A001	1	LS	Removal Of Old Bridge, Station 141+12.000
206C001	8,635	SQYD	Removing Concrete Pavement
206D000	69	LF	Removing Pipe
206D001	280	LF	Removing Guardrail
206D011	3,229	LF	Removing Fence
206E008	8	Each	Removing Guardrail End Anchor (All Type)
206E014	8	Each	Removing Guardrail End Anchor (Type 2A)
206E033	1	Each	Removing Permanent Barricade
210A000	15,988	CUYD	Unclassified Excavation
210D013	71,546	CUYD	Borrow Excavation (A-4(0) or Better)
214A000	174	CUYD	Structure Excavation
214B001	34	CUYD	Foundation Backfill, Commercial
230A000	48	RBST	Roadbed Processing
243A035	2,830	SQYD	Geosynthetic Reinforcement For Soft Soil Stabilization, Type 3
301A025	19,240	SQYD	Crushed Aggregate Base Course, Type B, Road Mixed, 6" Compacted Thickness
305B071	150	Ton	Coarse Aggregate, Section 801, For Miscellaneous Use
401A000	19,240	SQYD	Bituminous Treatment A
405A000	6,913	Gal	Tack Coat
408A052	7,357	SQYD	Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)
410H000	1	Each	Material Remixing Device
424A280	1,728	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range E
424A369	263	Ton	Superpave Bituminous Concrete Wearing Surface Layer, Widening, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B281	3,054	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range E
424B287	1,610	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 1/2" Maximum Aggregate Size Mix, ESAL Range E
424B681	3,030	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424C360	3,075	Ton	Superpave Bituminous Concrete Base Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
428A001	3	Mile	Scoring Bituminous Pavement Surface
430B043	119	Ton	Aggregate Surfacing (1" Down, Crusher Run)
450B000	502	SQYD	Reinforced Cement Concrete Bridge End Slab
502A000	82,000	LB	Steel Reinforcement
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, Station 132+70.000, Approximately 50,000 Pounds

Item No.	Quantity	Units	Description
502B001	1	LS	Steel Reinforcement For Bridge Superstructure, Station 139+45.000, Approximately 81,000 Pounds
505A002	2	Each	Steel Test Piles (HP 12x53)
505B333	2	Each	Dynamic Loading Tests (HP12X53)(Driving)
505B433	6	Each	Dynamic Loading Tests (HP12X53)(Restrike)
505G006	56	Each	Pile Points (Type B, 12")
505M002	1,966	LF	Steel Piling Furnished And Driven (HP 12x53)
506A005	186	LF	Drilled Shaft Excavation, 3'-6" Diameter
506A008	285	LF	Drilled Shaft Excavation, 4'-0" Diameter
506C021	196	LF	Drilled Shaft Construction, 3'-6" Diameter, Class DS2 Concrete
506C022	289	LF	Drilled Shaft Construction, 4'-0" Diameter, Class DS2 Concrete
506F008	64	LF	Permanent Drilled Shaft Casing, 4'-0" Diameter
506G001	4	Each	Crosshole Sonic Logging, 3'-6" Diameter
506G002	6	Each	Crosshole Sonic Logging, 4'-0" Diameter
508A000	10,270	LB	Structural Steel
510A007	307	CUYD	Bridge Substructure Concrete
510C051	1	LS	Bridge Concrete Superstructure, Station 132+70.000, Approximately 188 Cubic Yards
510C052	1	LS	Bridge Concrete Superstructure, Station 139+45.000, Approximately 336 Cubic Yards
510E000	1,672	SQYD	Grooving Concrete Bridge Decks
511A050	24	Each	Elastomeric Bearing Type 2 (Mark B1)
511A051	12	Each	Elastomeric Bearing Type 2 (Mark B2)
511A052	36	Each	Elastomeric Bearing Type 2 (Mark B3)
513B003	461	LF	Pretensioned-Prestressed Concrete Girders, Type I (Specialty Item)
513B004	356	LF	Pretensioned-Prestressed Concrete Girders, Type II (Specialty Item)
513B005	1,409	LF	Pretensioned-Prestressed Concrete Girders, Type III (Specialty Item)
530A002	100	LF	24" Roadway Pipe (Class 3 R.C.)
535A002	144	LF	24" Side Drain Pipe
600A000	1	LS	Mobilization
602A000	9	Each	Right Of Way Markers
610C001	13,033	Ton	Loose Riprap, Class 2
610D003	11,010	SQYD	Filter Blanket, Geotextile
614A000	22	CUYD	Slope Paving
619A003	1	Each	24" Roadway Pipe End Treatment, Class 1
619A102	4	Each	24" Side Drain Pipe End Treatment, Class 1
621A011	1	Each	Junction Boxes, Type 1 Or 1P
621C020	1	Each	Inlets, Type Y
621D019	2	Each	Inlet Units, Type Y
630A001	1,063	LF	Steel Beam Guardrail, Class A, Type 2
630C079	8	Each	Guardrail End Anchor, Type 13 (MASH)
630C080	8	Each	Guardrail End Anchor, Type 20 Series (MASH)
650A000	3,250	CUYD	Topsoil
650B000	6,673	CUYD	Topsoil From Stockpiles
652A100	19	Acre	Seeding
652C000	28	Acre	Mowing
654A001	11,099	SQYD	Solid Sodding (Bermuda)
656A010	19	Acre	Mulching
659C001	13,353	SQYD	Erosion Control Product, Type S3
665A000	10	Acre	Temporary Seeding
665B001	60	Ton	Temporary Mulching
665C010	215	LF	Temporary Pipe
665D001	4	Each	Temporary Pipe End Treatment
665E000	1,000	SQYD	Polyethylene
665F000	500	Each	Hay Bales
665G000	500	Each	Sand Bags
665I000	66	Ton	Temporary Riprap, Class 2

Item No.	Quantity	Units	Description
665J002	38,900	LF	Silt Fence
665K000	500	CUYD	Drainage Sump Excavation
665N000	180	Ton	Temporary Coarse Aggregate,ALDOT Number 1
665N001	100	Ton	Temporary Coarse Aggregate,ALDOT Number 4
665O001	38,900	LF	Silt Fence Removal
665P005	4	Each	Inlet Protection, Stage 3 Or 4
665Q002	1,800	LF	Wattle
665T000	900	LF	Temporary Earth Berms
666A001	19	Acre	Pest Control Treatment
672C100	288	Each	Flocculant Application, Ditch Check
672C101	8	Each	Flocculant Application, Temporary Slope Drain
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 360,710.00)
701A227	3	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	3	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701A239	1	Mile	Broken White, Class 2, Type A Traffic Stripe (5" Wide)
701B207	220	LF	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C000	1	Mile	Broken Temporary Traffic Stripe
701C001	5	Mile	Solid Temporary Traffic Stripe
701D005	1	Mile	Solid Traffic Stripe Removed
701F004	220	LF	Dotted Temporary Traffic Stripe
701G146	760	LF	Solid White, Class W, Type A Traffic Stripe (5"Wide)
701G154	760	LF	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
703A002	2,509	SQFT	Traffic Control Markings, Class 2, Type A
703B002	23	SQFT	Traffic Control Legends, Class 2, Type A
703C000	100	SQFT	Removal Of Existing Traffic Control Markings Or Legends (Paint)
703D001	59	SQFT	Temporary Traffic Control Markings
705A011	25	Each	Pavement Markers, Class C, Type 1-A
705A012	200	Each	Pavement Markers, Class C, Type 1-B
705A022	15	Each	Pavement Markers, Class C, Type 2-C
705A023	327	Each	Pavement Markers, Class C, Type 2-D
705A024	310	Each	Pavement Markers, Class C, Type 2-E
705A030	15	Each	Pavement Markers, Class A-H, Type 2-C
705A032	200	Each	Pavement Markers, Class A-H, Type 1-B
705A037	327	Each	Pavement Markers, Class A-H, Type 2-D
705A038	310	Each	Pavement Markers, Class A-H, Type 2-E
707B003	1	Each	Type A Hazard Marker Installation
710A170	160	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background)
710B021	143	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2", 14 Ga Square Tubular Steel)
740B000	1,302	SQFT	Construction Signs
740D000	240	Each	Channelizing Drums
740E000	500	Each	Cones (36 Inches High)
740F002	18	Each	Barricades, Type III
740M001	500	Each	Ballast For Cone
741C010	2	Each	Portable Sequential Arrow And Chevron Sign Unit
742A001	2	Each	Portable Changeable Message Sign, Type 2
999 000	1,440	HOUR	Trainee Hours At 80 Cents Per Hour