

**Alabama Department of Transportation
Proposal Item Summary**

001. BR-0168(501)

MARSHALL COUNTY

Contract Time: 185 Working Days

DBE Goal Percent: 3.00

for constructing the Bridge Replacement (Grading, Drainage, Pavement, and Bridge) on SR-168 over Short Creek 3.000 miles east of the junction of SR-1 (US-431) northeast of Boaz. Length 0.397 mi.

The Bracket Estimate on this project is from \$3,347,613 to \$4,091,527.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$39.00 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 6 Acres)
206A000	1	LS	Removal Of Old Bridge, Station 110+48.00
206D000	322	LF	Removing Pipe
206D001	318	LF	Removing Guardrail
206D011	1,170	LF	Removing Fence
206E000	2	Each	Removing Headwalls
206E001	1	Each	Removing Inlets
206E014	8	Each	Removing Guardrail End Anchor (Type 2A)
209A000	10	Each	Mailbox Reset, Single
210A000	3,118	CUYD	Unclassified Excavation
210D000	11,716	CUYD	Borrow Excavation
214A000	994	CUYD	Structure Excavation
214B001	75	CUYD	Foundation Backfill, Commercial
243A034	625	SQYD	Geosynthetic Reinforcement For Soft Soil Stabilization, Type 2
301A012	1,729	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
305B074	45	Ton	Drainage Plane, Section 822, For Miscellaneous Use
305B078	143	Ton	Crushed Aggregate, Section 825, Type B, For Miscellaneous Use
401A000	1,687	SQYD	Bituminous Treatment A
405A000	949	Gal	Tack Coat
407B000	1	Mile	Joint Sealant For Hot Mix Asphalt Pavement
408B001	4,356	SQYD	Micro-Milling Existing Pavement (Approximately 1.10" Thru 2.00" Thick)
410H000	1	Each	Material Remixing Device
424A360	658	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B650	133	Ton	Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B658	2,492	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B681	183	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424C360	466	Ton	Superpave Bituminous Concrete Base Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424C364	50	Ton	Superpave Bituminous Concrete Base Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range C/D
428A001	1	Mile	Scoring Bituminous Pavement Surface
430B040	50	Ton	Aggregate Surfacing (Crushed Aggregate Base, Type B)
450B000	251	SQYD	Reinforced Cement Concrete Bridge End Slab
502A000	74,300	LB	Steel Reinforcement
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, Station 110+20.00, Approximately 111,000 Pounds
506A005	37	LF	Drilled Shaft Excavation, 3'-6" Diameter

Item No.	Quantity	Units	Description
506A008	51	LF	Drilled Shaft Excavation, 4'-0" Diameter
506B002	95	LF	Special Drilled Shaft Excavation, 3'-6" Diameter
506B003	83	LF	Special Drilled Shaft Excavation, 4'-0" Diameter
506C041	132	LF	Drilled Shaft Construction, 3'-6" Diameter, Class DS1 Concrete
506C042	134	LF	Drilled Shaft Construction, 4'-0" Diameter, Class DS1 Concrete
506F008	70	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	8,080	LB	Structural Steel
510A007	225	CUYD	Bridge Substructure Concrete
510C051	1	LS	Bridge Concrete Superstructure, Station 110+20.00 Approximately 464 Cubic Yards
510E000	1,413	SQYD	Grooving Concrete Bridge Decks
511A071	24	Each	Elastomeric Bearing Type 4 (Mark VB2)
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513B004	701	LF	Pretensioned-Prestressed Concrete Girders, Type II (Specialty Item)
513B015	1,191	LF	Pretensioned-Prestressed Concrete Girders, Type BT-54 (Specialty Item)
530A006	177	LF	48" Roadway Pipe (Class 3 R.C.)
535A001	316	LF	18" Side Drain Pipe
600A000	1	LS	Mobilization
601A000	1	Each	Furnishing Base, Soil And Structure Laboratories
602A000	16	Each	Right Of Way Markers
608A000	1,110	SQYD	Separation Geotextile
610C001	850	Ton	Loose Riprap, Class 2
610D003	872	SQYD	Filter Blanket, Geotextile
619A057	2	Each	48" Roadway Pipe End Treatment, Class 2
619A101	8	Each	18" Side Drain Pipe End Treatment, Class 1
630A001	300	LF	Steel Beam Guardrail, Class A, Type 2
630C079	4	Each	Guardrail End Anchor, Type 13 (MASH)
630C080	4	Each	Guardrail End Anchor, Type 20 Series (MASH)
637A001	1,170	LF	Fence Reset (Includes All Types)
650A000	1,387	CUYD	Topsoil
652A100	3	Acre	Seeding
654A000	2,170	SQYD	Solid Sodding
656A010	3	Acre	Mulching
665A000	5	Acre	Temporary Seeding
665B001	30	Ton	Temporary Mulching
665E000	500	SQYD	Polyethylene
665G000	500	Each	Sand Bags
665J002	3,689	LF	Silt Fence
665K000	14	CUYD	Drainage Sump Excavation
665N000	250	Ton	Temporary Coarse Aggregate,ALDOT Number 1
665O001	3,689	LF	Silt Fence Removal
665P005	1	Each	Inlet Protection, Stage 3 Or 4
665Q002	40	LF	Wattle
666A001	3	Acre	Pest Control Treatment
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 167,270.00)
701A227	1	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	1	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701G146	640	LF	Solid White, Class W, Type A Traffic Stripe (5"Wide)
701G154	640	LF	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
705A037	55	Each	Pavement Markers, Class A-H, Type 2-D
710A170	18	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background)
710B021	28	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2", 14 Ga Square Tubular Steel)
740B000	1,553	SQFT	Construction Signs

Item No.	Quantity	Units	Description
740E000	100	Each	Cones (36 Inches High)
740F002	8	Each	Barricades, Type III
740M001	100	Each	Ballast For Cone
741C010	4	Each	Portable Sequential Arrow And Chevron Sign Unit
742A001	4	Each	Portable Changeable Message Sign, Type 2
999 000	720	HOUR	Trainee Hours At 80 Cents Per Hour