

**Alabama Department of Transportation  
Proposal Item Summary**

**022. BR-0145(504)**

**CHILTON AND SHELBY COUNTIES**

Contract Time: 230 Working Days

DBE Goal Percent: 10.00

for constructing the Bridge Replacement (Grading, Drainage, Pavement, and Bridge Removal) on SR-145 over Waxahatchee Creek. Length 0.672 mi.

The Bracket Estimate on this project is from \$5,855,491 to \$7,156,711.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$36.00 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 \$ 4,000.00 Per Acre) (Approximately 7 Acres)
206A000	1	LS	Removal Of Old Bridge, Station 118+41.92
206C016	373	SQYD	Removing Concrete Slope Paving (Under Bridges)
206D001	650	LF	Removing Guardrail
206D011	314	LF	Removing Fence
206E000	4	Each	Removing Headwalls
206E008	12	Each	Removing Guardrail End Anchor (All Type)
210A000	15,013	CUYD	Unclassified Excavation
210D011	35,959	CUYD	Borrow Excavation (A4 Or Better)
210F001	13,775	Ton	Borrow Excavation (Underwater Embankment)
214A000	1,352	CUYD	Structure Excavation
214B001	141	CUYD	Foundation Backfill, Commercial
230A000	30	RBST	Roadbed Processing
301A012	6,561	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
305B071	2	Ton	Coarse Aggregate, Section 801, For Miscellaneous Use
305B074	534	Ton	Drainage Plane, Section 822, For Miscellaneous Use
305B077	15	Ton	Crushed Aggregate, Section 825, For Miscellaneous Use
401A000	6,561	SQYD	Bituminous Treatment A
405A000	1,474	Gal	Tack Coat
407B000	1	Mile	Joint Sealant For Hot Mix Asphalt Pavement
408B000	3,985	SQYD	Micro-Milling Existing Pavement(Approximately 0.00" Thru 1.00" Thick)
424A360	1,428	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424A369	46	Ton	Superpave Bituminous Concrete Wearing Surface Layer, Widening, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B650	662	Ton	Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B654	50	Ton	Superpave Bituminous Concrete Upper Binder Layer, Patching, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B658	1,206	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B661	68	Ton	Superpave Bituminous Concrete Upper Binder Layer, Widening, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B662	451	Ton	Superpave Bituminous Concrete Upper Binder Layer, Widening, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B681	795	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B692	451	Ton	Superpave Bituminous Concrete Lower Binder Layer, Widening, 1" Maximum Aggregate Size Mix, ESAL Range C/D
428A001	2	Mile	Scoring Bituminous Pavement Surface
430B003	1,120	Ton	Aggregate Surfacing (ALDOT #57)

Item No.	Quantity	Units	Description
430B050	600	Ton	Aggregate Surfacing(ALDOT#1)
450B000	212	SQYD	Reinforced Cement Concrete Bridge End Slab
502A000	112,730	LB	Steel Reinforcement
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, Station 117+50.00, Approximately 181,700 Pounds
505G003	28	Each	Pile Points (Type A, 12")
505M002	780	LF	Steel Piling Furnished And Driven (HP 12x53)
506A001	52	LF	Drilled Shaft Excavation, 6'-0" Diameter
506B007	72	LF	Special Drilled Shaft Excavation, 6'-0" Diameter
506C026	218	LF	Drilled Shaft Construction, 6'-0" Diameter, Class DS2 Concrete
506D000	60	LF	Exploration Below Drilled Shaft
506F002	146	LF	Permanent Drilled Shaft Casing, 6'-0" Diameter
506G006	6	Each	Crosshole Sonic Logging, 6'-0" Diameter
508A000	10,070	LB	Structural Steel
510A007	394	CUYD	Bridge Substructure Concrete
510C051	1	LS	Bridge Concrete Superstructure, Station 117+50.00, Approximately 824 Cubic Yards
510E000	2,390	SQYD	Grooving Concrete Bridge Decks
511A073	48	Each	Elastomeric Bearing Type 4 (Mark VB4)
513B017	3,208	LF	Pretensioned-Prestressed Concrete Girders, Type BT-72 (Specialty Item)
530A001	64	LF	18" Roadway Pipe (Class 3 R.C.)
530A006	91	LF	48" Roadway Pipe (Class 3 R.C.)
530A015	148	LF	36" Roadway Pipe (Class 4 R.C.)
530A026	108	LF	36" Roadway Pipe (Class 5 R.C.)
535A085	72	LF	24" Side Drain Pipe (Class 3 R.C.)
600A000	1	LS	Mobilization
602A000	15	Each	Right Of Way Markers
608A000	2,750	SQYD	Separation Geotextile
610C001	7,984	Ton	Loose Riprap, Class 2
610D003	14,468	SQYD	Filter Blanket, Geotextile
614A000	23	CUYD	Slope Paving
619A002	1	Each	18" Roadway Pipe End Treatment, Class 1
619A005	2	Each	36" Roadway Pipe End Treatment, Class 1
619A007	3	Each	48" Roadway Pipe End Treatment, Class 1
619A102	2	Each	24" Side Drain Pipe End Treatment, Class 1
621A002	3	Each	Junction Boxes, Type 4 Or 2P
621A011	1	Each	Junction Boxes, Type 1 Or 1P
621A019	2	Each	Junction Boxes, Type 1 Or 2P
621B002	4	Each	Junction Box Units, Type 4 Or 2P
621B011	3	Each	Junction Box Units, Type 1 Or 1P
621B014	2	Each	Junction Box Units, Type 1 Or 2P
630A001	1,563	LF	Steel Beam Guardrail, Class A, Type 2
630C003	4	Each	Guardrail End Anchor, Type 13
630C080	10	Each	Guardrail End Anchor, Type 20 Series (MASH)
634A002	317	LF	Industrial Fence, 6 Feet High
650A000	4,162	CUYD	Topsoil
652A100	7	Acre	Seeding
654A001	16,732	SQYD	Solid Sodding (Bermuda)
656A010	7	Acre	Mulching
659C001	19,142	SQYD	Erosion Control Product, Type S3
665A000	7	Acre	Temporary Seeding
665B001	294	Ton	Temporary Mulching
665C010	396	LF	Temporary Pipe
665D001	3	Each	Temporary Pipe End Treatment
665E000	500	SQYD	Polyethylene
665G000	90	Each	Sand Bags

Item No.	Quantity	Units	Description
665I000	6,491	Ton	Temporary Riprap, Class 2
665J002	4,097	LF	Silt Fence
665K000	80	CUYD	Drainage Sump Excavation
665L000	3,343	LF	Floating Basin Boom
665N000	200	Ton	Temporary Coarse Aggregate,ALDOT Number 1
665N001	170	Ton	Temporary Coarse Aggregate,ALDOT Number 4
665O001	4,097	LF	Silt Fence Removal
665P005	7	Each	Inlet Protection, Stage 3 Or 4
665Q002	1,092	LF	Wattle
665T000	550	LF	Temporary Earth Berms
666A001	7	Acre	Pest Control Treatment
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 349,415.00)
701A227	2	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	2	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701C001	4	Mile	Solid Temporary Traffic Stripe
701G146	1,100	LF	Solid White, Class W, Type A Traffic Stripe (5"Wide)
701G154	1,100	LF	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
705A037	45	Each	Pavement Markers, Class A-H, Type 2-D
711A000	1	LS	Roadway Sign Relocation
726A000	800	LF	Portable Concrete Safety Barriers, Type 6
726A001	60	LF	Portable Concrete Safety Barriers, Type 6-A
726D021	6	Each	Portable Impact Attenuator Assembly (Bi-directional,TL-2)
740B000	543	SQFT	Construction Signs
740D000	88	Each	Channelizing Drums
740E000	50	Each	Cones (36 Inches High)
740F002	8	Each	Barricades, Type III
740I002	4	Each	Warning Lights, Type B
740M001	50	Each	Ballast For Cone
742A001	2	Each	Portable Changeable Message Sign, Type 2
999 000	720	HOUR	Trainee Hours At 80 Cents Per Hour