

**Alabama Department of Transportation
Proposal Item Summary**

034. STPBH-ACBR59503-ATRP(012)

SHELBY COUNTY

Contract Time: 175 Working Days

DBE Goal Percent: 5.00

for constructing the Bridge Replacement and Approaches on CR-52 over the Cahaba River from the junction of Oak View Lane to the junction of Old Cahaba Lane in Helena. Length 0.567 mi.

The Bracket Estimate on this project is from \$6,523,741 to \$7,973,461.

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 \$ 4,000.00 Per Acre) (Approximately 4 Acres)
206C010	325	SQYD	Removing Concrete Driveway
206D000	183	LF	Removing Pipe
206D001	313	LF	Removing Guardrail
206D002	90	LF	Removing Curb
206D005	104	LF	Removing Gutter
206D011	600	LF	Removing Fence
206E001	5	Each	Removing Inlets
206E008	8	Each	Removing Guardrail End Anchor (All Type)
209A001	1	Each	Mailbox Reset, Double
210A000	18,280	CUYD	Unclassified Excavation
210D011	5,312	CUYD	Borrow Excavation (A4 Or Better)
214A000	57	CUYD	Structure Excavation
214B001	80	CUYD	Foundation Backfill, Commercial
230A000	26	RBST	Roadbed Processing
305B077	353	Ton	Crushed Aggregate, Section 825, For Miscellaneous Use
405A000	2,753	Gal	Tack Coat
407B000	1	Mile	Joint Sealant For Hot Mix Asphalt Pavement
408A052	3,552	SQYD	Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)
424A360	955	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424A369	135	Ton	Superpave Bituminous Concrete Wearing Surface Layer, Widening, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B650	1,249	Ton	Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B654	300	Ton	Superpave Bituminous Concrete Upper Binder Layer, Patching, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B657	826	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B661	278	Ton	Superpave Bituminous Concrete Upper Binder Layer, Widening, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B681	1,961	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B692	102	Ton	Superpave Bituminous Concrete Lower Binder Layer, Widening, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424C360	1,998	Ton	Superpave Bituminous Concrete Base Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424C370	107	Ton	Superpave Bituminous Concrete Base Layer, Widening, 1" Maximum Aggregate Size Mix, ESAL Range C/D
450B000	185	SQYD	Reinforced Cement Concrete Bridge End Slab
502A000	52,900	LB	Steel Reinforcement

Item No.	Quantity	Units	Description
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, Station 117+65.00, Approximately 150,300 Pounds
505G004	32	Each	Pile Points (Type A, 14")
505H000	752	LF	Pilot Holes
505M004	1,330	LF	Steel Piling Furnished And Driven (HP 14x73)
506A010	21	LF	Drilled Shaft Excavation, 6'-6" Diameter
506B008	20	LF	Special Drilled Shaft Excavation, 6'-6" Diameter
506C047	40	LF	Drilled Shaft Construction, 6'-6" Diameter, Class DS1 Concrete
506F007	40	LF	Permanent Drilled Shaft Casing, 6'-6" Diameter
506G007	2	Each	Crosshole Sonic Logging, 6'-6" Diameter
508A000	6,660	LB	Structural Steel
508B000	1	Each	Structural Steel Superstructure, (240'-0",206'-0" Continuous Spans) Approximately 1,411,000 Lbs. (Specialty Item)
510A007	266	CUYD	Bridge Substructure Concrete
510C051	1	LS	Bridge Concrete Superstructure, Station 117+65.00, Approximately 564 Cubic Yards
510E000	1,776	SQYD	Grooving Concrete Bridge Decks
511A004	5	Each	Elastomeric Bearing Type 4
511A005	10	Each	Elastomeric Bearing Type 5
530A001	358	LF	18" Roadway Pipe (Class 3 R.C.)
530A002	32	LF	24" Roadway Pipe (Class 3 R.C.)
533A098	100	LF	18" Storm Sewer Pipe (Class 3 R.C.)
533A099	24	LF	24" Storm Sewer Pipe (Class 3 R.C.)
535A080	368	LF	18" Side Drain Pipe (Class 3 R.C.)
600A000	1	LS	Mobilization
602A000	14	Each	Right Of Way Markers
610C001	3,664	Ton	Loose Riprap, Class 2
610D003	3,909	SQYD	Filter Blanket, Geotextile
618B004	278	SQYD	Concrete Driveway, 8" Thick
619A002	3	Each	18" Roadway Pipe End Treatment, Class 1
619A101	8	Each	18" Side Drain Pipe End Treatment, Class 1
619A226	2	Each	18" Roadway Pipe End Treatment, Class 2 (Double Line)
619A271	2	Each	18" Side Drain Pipe End Treatment, Class 1 (Double Line)
621A011	3	Each	Junction Boxes, Type 1 Or 1P
621C015	2	Each	Inlets, Type S1 Or S3 (1 Wing)
621C021	1	Each	Inlets, Type P2 Or P3
621D015	1	Each	Inlet Units, Type S1 Or S3
623C000	90	LF	Combination Curb & Gutter, Type C
630A001	1,275	LF	Steel Beam Guardrail, Class A, Type 2
630C003	4	Each	Guardrail End Anchor, Type 13
630C080	4	Each	Guardrail End Anchor, Type 20 Series (MASH)
634E000	1,210	LF	Industrial Fence, 6 Feet High, Special Mounting
650A000	2,150	CUYD	Topsoil
652A100	4	Acre	Seeding
654A000	16,408	SQYD	Solid Sodding
659C002	3,264	SQYD	Erosion Control Product, Type S2
659C008	4,084	SQYD	Erosion Control Product, Type C10
665A000	4	Acre	Temporary Seeding
665B001	24	Ton	Temporary Mulching
665C010	102	LF	Temporary Pipe
665E000	375	SQYD	Polyethylene
665G000	500	Each	Sand Bags
665J002	4,313	LF	Silt Fence
665K000	500	CUYD	Drainage Sump Excavation
665L000	100	LF	Floating Basin Boom
665N001	170	Ton	Temporary Coarse Aggregate,ALDOT Number 4

Item No.	Quantity	Units	Description
665O001	4,313	LF	Silt Fence Removal
665Q002	1,430	LF	Wattle
665T000	749	LF	Temporary Earth Berms
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 325,845.00)
701A227	2	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	1	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701B207	1,133	LF	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C001	7	Mile	Solid Temporary Traffic Stripe
701D005	1	Mile	Solid Traffic Stripe Removed
701F000	1,133	LF	Dotted Temporary Traffic Stripe
701G146	892	LF	Solid White, Class W, Type A Traffic Stripe (5"Wide)
701G154	892	LF	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
703A002	370	SQFT	Traffic Control Markings, Class 2, Type A
703B002	90	SQFT	Traffic Control Legends, Class 2, Type A
703D001	66	SQFT	Temporary Traffic Control Markings
705A030	29	Each	Pavement Markers, Class A-H, Type 2-C
705A037	76	Each	Pavement Markers, Class A-H, Type 2-D
710A160	15	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background)
710A165	13	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background, Fluorescent)
710A170	46	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background)
710B021	168	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2 ", 14 Ga Square Tubular Steel)
713A000	50	LF	Permanent Barricades
726A000	210	LF	Portable Concrete Safety Barriers, Type 6
726A001	20	LF	Portable Concrete Safety Barriers, Type 6-A
726D021	2	Each	Portable Impact Attenuator Assembly (Bi-directional,TL-2)
740B000	473	SQFT	Construction Signs
740D000	160	Each	Channelizing Drums
740E000	50	Each	Cones (36 Inches High)
740F002	16	Each	Barricades, Type III
740I002	8	Each	Warning Lights, Type B
740M001	50	Each	Ballast For Cone
742A001	2	Each	Portable Changeable Message Sign, Type 2