

**Alabama Department of Transportation  
Proposal Item Summary**

**007. BR-0048(502)**

**RANDOLPH COUNTY**

Contract Time: 190 Working Days

DBE Goal Percent: 5.00

for constructing the Bridge Replacement (Grading, Drainage, Pavement, and Bridge) on SR-48 over Fox Creek east of the Clay County Line. Length 0.581 mi.

The Bracket Estimate on this project is from \$3,653,309 to \$4,465,155.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$37.00 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 9 Acres)
205A001	1	Each	Removal Of Structures, Structure No. 1
206A000	1	LS	Removal Of Old Bridge, Station 347+20.00
206C010	50	SQYD	Removing Concrete Driveway
206D000	80	LF	Removing Pipe
206D001	60	LF	Removing Guardrail
206E008	8	Each	Removing Guardrail End Anchor (All Type)
210A000	3,766	CUYD	Unclassified Excavation
210D000	33,027	CUYD	Borrow Excavation
214A000	564	CUYD	Structure Excavation
214B001	302	CUYD	Foundation Backfill, Commercial
231B001	1,606	Ton	Roadbed Stabilizing Material, ALDOT #467
260A000	17	CUYD	Cement Mortar Flowable Backfill, Mix 1
301A012	10,339	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
305B077	313	Ton	Crushed Aggregate, Section 825, For Miscellaneous Use
401A000	10,339	SQYD	Bituminous Treatment A
405A000	2,051	Gal	Tack Coat
407B000	2	Mile	Joint Sealant For Hot Mix Asphalt Pavement
408A052	5,416	SQYD	Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)
410H000	1	Each	Material Remixing Device
424A340	1,191	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range A/B
424A349	38	Ton	Superpave Bituminous Concrete Wearing Surface Layer, Widening, 1/2" Maximum Aggregate Size Mix, ESAL Range A/B
424B635	1,078	Ton	Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range A/B
424B643	1,323	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 3/4" Maximum Aggregate Size Mix, ESAL Range A/B
424B646	52	Ton	Superpave Bituminous Concrete Upper Binder Layer, Widening, 3/4" Maximum Aggregate Size Mix, ESAL Range A/B
424B665	1,164	Ton	Superpave Bituminous Concrete Lower Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range A/B
424B669	75	Ton	Superpave Bituminous Concrete Lower Binder Layer, Patching, 3/4" Maximum Aggregate Size Mix, ESAL Range A/B
424B676	39	Ton	Superpave Bituminous Concrete Lower Binder Layer, Widening, 3/4" Maximum Aggregate Size Mix, ESAL Range A/B
428A001	1	Mile	Scoring Bituminous Pavement Surface
450B000	207	SQYD	Reinforced Cement Concrete Bridge End Slab
502A000	60,700	LB	Steel Reinforcement
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, Station 346+60.00, Approximately 73,100 Pounds

Item No.	Quantity	Units	Description
506A000	35	LF	Drilled Shaft Excavation, 4'-6" Diameter
506A005	117	LF	Drilled Shaft Excavation, 3'-6" Diameter
506B002	100	LF	Special Drilled Shaft Excavation, 3'-6" Diameter
506B004	74	LF	Special Drilled Shaft Excavation, 4'-6" Diameter
506C041	217	LF	Drilled Shaft Construction, 3'-6" Diameter, Class DS1 Concrete
506C043	109	LF	Drilled Shaft Construction, 4'-6" Diameter, Class DS1 Concrete
506G001	10	Each	Crosshole Sonic Logging, 3'-6" Diameter
506G003	6	Each	Crosshole Sonic Logging, 4'-6" Diameter
508A000	3,180	LB	Structural Steel
510A007	167	CUYD	Bridge Substructure Concrete
510C051	1	LS	Bridge Concrete Superstructure, Station 346+60.00, Approximately 338 Cubic Yards
510E000	989	SQYD	Grooving Concrete Bridge Decks
511A050	24	Each	Elastomeric Bearing Type 2 (Mark B1)
511A053	12	Each	Elastomeric Bearing Type 2 (Mark B4)
513B003	466	LF	Pretensioned-Prestressed Concrete Girders, Type I (Specialty Item)
513B017	776	LF	Pretensioned-Prestressed Concrete Girders, Type BT-72 (Specialty Item)
530A002	401	LF	24" Roadway Pipe (Class 3 R.C.)
530A003	165	LF	30" Roadway Pipe (Class 3 R.C.)
530A101	9	LF	18" Roadway Pipe (Class 3 R.C.) (Extension)
530A661	71	LF	18" Roadway Pipe (Class 3 R.C.) (Temporary)
600A000	1	LS	Mobilization
601A000	1	Each	Furnishing Base, Soil And Structure Laboratories
602A000	20	Each	Right Of Way Markers
610C001	1,874	Ton	Loose Riprap, Class 2
610D003	2,267	SQYD	Filter Blanket, Geotextile
618B003	16	SQYD	Concrete Driveway, 6" Thick (Includes Wire Mesh)
619A002	2	Each	18" Roadway Pipe End Treatment, Class 1
619A003	10	Each	24" Roadway Pipe End Treatment, Class 1
619A004	2	Each	30" Roadway Pipe End Treatment, Class 1
620A000	2	CUYD	Minor Structure Concrete
621C027	1	Each	Inlets, Type C
621D002	2	Each	Inlet Units, Type C
630A001	338	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)
650A000	2,641	CUYD	Topsoil
652A100	5	Acre	Seeding
652C000	15	Acre	Mowing
654A000	120	SQYD	Solid Sodding
656A010	5	Acre	Mulching
659C000	6,202	SQYD	Erosion Control Product, Type S4
659C001	532	SQYD	Erosion Control Product, Type S3
659C005	537	SQYD	Erosion Control Product, Type C4
665A000	9	Acre	Temporary Seeding
665B001	54	Ton	Temporary Mulching
665C010	170	LF	Temporary Pipe
665D001	8	Each	Temporary Pipe End Treatment
665E000	584	SQYD	Polyethylene
665F000	500	Each	Hay Bales
665G000	500	Each	Sand Bags
665I000	219	Ton	Temporary Riprap, Class 2
665J002	6,021	LF	Silt Fence
665N001	44	Ton	Temporary Coarse Aggregate,ALDOT Number 4
665N003	340	Ton	Temporary Coarse Aggregate,ALDOT Number 2
665O001	6,021	LF	Silt Fence Removal

Item No.	Quantity	Units	Description
665P005	1	Each	Inlet Protection, Stage 3 Or 4
665Q002	500	LF	Wattle
665T000	378	LF	Temporary Earth Berms
666A001	5	Acre	Pest Control Treatment
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 100,000.00)
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	6	Mile	Solid Temporary Traffic Stripe
701D005	1	Mile	Solid Traffic Stripe Removed
701G146	420	LF	Solid White, Class W, Type A Traffic Stripe (5"Wide)
701G154	420	LF	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
703A002	88	SQFT	Traffic Control Markings, Class 2, Type A
703D001	114	SQFT	Temporary Traffic Control Markings
705A011	600	Each	Pavement Markers, Class C, Type 1-A
705A023	94	Each	Pavement Markers, Class C, Type 2-D
705A037	102	Each	Pavement Markers, Class A-H, Type 2-D
710A160	15	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background)
710B021	28	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2 ", 14 Ga Square Tubular Steel)
726A000	500	LF	Portable Concrete Safety Barriers, Type 6
726A001	20	LF	Portable Concrete Safety Barriers, Type 6-A
726D026	2	Each	Portable Impact Attenuator Assembly (Bi-directional,TL-3)
740B000	576	SQFT	Construction Signs
740D000	100	Each	Channelizing Drums
740E000	100	Each	Cones (36 Inches High)
740F002	22	Each	Barricades, Type III
740I005	11	Each	Warning Lights, Type B (Detachable Head)
740M001	100	Each	Ballast For Cone
742A001	2	Each	Portable Changeable Message Sign, Type 2
999 000	720	HOUR	Trainee Hours At 80 Cents Per Hour