

**Alabama Department of Transportation  
Proposal Item Summary**

**054. STPMN-2615(262) & STPMN-2615(250)**

**ELMORE COUNTY**

Contract Time: 290 Working Days

DBE Goal Percent: 6.00

for constructing the Bridge Replacement (Grading, Drainage, Pavement, and Bridge Removal) on CR-8 (Redland Road) over Harwell Mill Creek to include the Widening, Intersection Improvements, Resurfacing, Traffic Signals, and Traffic Stripe on CR-8 (Redland Road) and CR-4 (Rifle Range Road) northeast of Montgomery. Length 1.031 mi.

The Bracket Estimate on this project is from \$3,864,254 to \$4,722,977.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$52.00 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 5 Acres)
206A000	1	LS	Removal Of Old Bridge, Station 13+42.49
206C003	193	SQYD	Removing Concrete Flumes
206D000	283	LF	Removing Pipe
206D001	776	LF	Removing Guardrail
206D002	920	LF	Removing Curb
206E008	9	Each	Removing Guardrail End Anchor (All Type)
210A000	11,093	CUYD	Unclassified Excavation
210D011	14,042	CUYD	Borrow Excavation (A4 Or Better)
210D021	2,075	CUYD	Borrow Excavation (Loose Truckbed Measurement)(A4 or Better)
214A000	876	CUYD	Structure Excavation
214B001	411	CUYD	Foundation Backfill, Commercial
215B000	1	LS	Cofferdams Or Sheeting And Shoring, 13+15.00
230B000	11,330	SQYD	Roadbed Processing
301A012	12,466	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
305B077	142	Ton	Crushed Aggregate, Section 825, For Miscellaneous Use
401A000	12,636	SQYD	Bituminous Treatment A
405A000	1,439	Gal	Tack Coat
407B000	5	Mile	Joint Sealant For Hot Mix Asphalt Pavement
408A052	15,455	SQYD	Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)
424A360	2,330	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B650	1,477	Ton	Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B654	100	Ton	Superpave Bituminous Concrete Upper Binder Layer, Patching, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B658	150	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B680	1,362	Ton	Superpave Bituminous Concrete Lower Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
502A000	39,900	LB	Steel Reinforcement
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, Station 13+15.00, Approximately 66,600 Pounds
505A002	1	Each	Steel Test Piles (HP 12x53)
505B057	1	Each	Static Loading Tests (HP 12x53)
505B087	1	Each	Dynamic Loading Tests (HP 12x53)
505M002	1,326	LF	Steel Piling Furnished And Driven (HP 12x53)
506A005	264	LF	Drilled Shaft Excavation, 3'-6" Diameter
506C041	333	LF	Drilled Shaft Construction, 3'-6" Diameter, Class DS1 Concrete
506F000	123	LF	Permanent Drilled Shaft Casing, 3'-6" Diameter

Item No.	Quantity	Units	Description
506G001	6	Each	Crosshole Sonic Logging, 3'-6" Diameter
508A000	8,810	LB	Structural Steel
510A007	132	CUYD	Bridge Substructure Concrete
510C051	1	LS	Bridge Concrete Superstructure, Station 13+15.00, Approximately 272 Cubic Yards
510E000	996	SQYD	Grooving Concrete Bridge Decks
511A052	40	Each	Elastomeric Bearing Type 2 (Mark B3)
513B005	1,568	LF	Pretensioned-Prestressed Concrete Girders, Type III (Specialty Item)
530A001	1,240	LF	18" Roadway Pipe (Class 3 R.C.)
530A004	32	LF	36" Roadway Pipe (Class 3 R.C.)
530A101	20	LF	18" Roadway Pipe (Class 3 R.C.) (Extension)
535A001	210	LF	18" Side Drain Pipe
535A002	49	LF	24" Side Drain Pipe
600A000	1	LS	Mobilization
602A000	24	Each	Right Of Way Markers
606A000	400	LF	6" Underdrain Pipe
610A010	14	SQYD	Loose Riprap, Class 2, 48" Thick
610C001	1,670	Ton	Loose Riprap, Class 2
610D003	2,696	SQYD	Filter Blanket, Geotextile
614A000	61	CUYD	Slope Paving
619A002	1	Each	18" Roadway Pipe End Treatment, Class 1
619A055	1	Each	36" Roadway Pipe End Treatment, Class 2
619A101	8	Each	18" Side Drain Pipe End Treatment, Class 1
619A102	2	Each	24" Side Drain Pipe End Treatment, Class 1
620A000	1	CUYD	Minor Structure Concrete
621A019	2	Each	Junction Boxes, Type 1 Or 2P
621C083	12	Each	Inlets, Type B (Modified) (Double)
623B001	84	LF	Concrete Curb, Type N Special
623B002	733	LF	Concrete Curb, Type A
630A001	671	LF	Steel Beam Guardrail, Class A, Type 2
630C003	4	Each	Guardrail End Anchor, Type 13
630C080	8	Each	Guardrail End Anchor, Type 20 Series (MASH)
650B000	3,114	CUYD	Topsoil From Stockpiles
652A100	4	Acre	Seeding
652C000	6	Acre	Mowing
654A000	8,089	SQYD	Solid Sodding
656A010	4	Acre	Mulching
659C001	3,357	SQYD	Erosion Control Product, Type S3
659C002	3,321	SQYD	Erosion Control Product, Type S2
659C005	1,670	SQYD	Erosion Control Product, Type C4
659C007	88	SQYD	Erosion Control Product, Type C8
665A000	4	Acre	Temporary Seeding
665B001	12	Ton	Temporary Mulching
665F000	231	Each	Hay Bales
665I000	290	Ton	Temporary Riprap, Class 2
665J002	8,256	LF	Silt Fence
665O001	8,256	LF	Silt Fence Removal
665P005	12	Each	Inlet Protection, Stage 3 Or 4
665Q002	440	LF	Wattle
674A000	1,000	LF	Construction Safety Fence
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 197,500.00)
701A231	3	Mile	Solid White, Class 2, Type A Traffic Stripe
701A235	3	Mile	Solid Yellow, Class 2, Type A Traffic Stripe
701A245	1	Mile	Broken Yellow, Class 2, Type A Traffic Stripe
701B205	1,020	LF	Dotted, Class 2, Type A, Traffic Stripe

Item No.	Quantity	Units	Description
701C000	1	Mile	Broken Temporary Traffic Stripe
701C001	2	Mile	Solid Temporary Traffic Stripe
701C003	1	Mile	Solid Temporary Traffic Stripe (Paint)
701C005	1	Mile	Solid Temporary Traffic Stripe (Tape)
701D009	1	Mile	Solid Traffic Stripe Removed (Tape)
701G144	640	LF	Solid White, Class W, Type A Traffic Stripe
701G148	160	LF	Broken Yellow, Class W, Type A Traffic Stripe
703A002	5,623	SQFT	Traffic Control Markings, Class 2, Type A
703A011	588	SQFT	Traffic Control Markings, Class W, Type A
703B002	355	SQFT	Traffic Control Legends, Class 2, Type A
703D001	120	SQFT	Temporary Traffic Control Markings
705A011	1,088	Each	Pavement Markers, Class C, Type 1-A
705A012	480	Each	Pavement Markers, Class C, Type 1-B
705A023	1,319	Each	Pavement Markers, Class C, Type 2-D
705A030	111	Each	Pavement Markers, Class A-H, Type 2-C
705A032	241	Each	Pavement Markers, Class A-H, Type 1-B Pavement Markers, Class A-H, Type 1-B
705A037	171	Each	Pavement Markers, Class A-H, Type 2-D
705A038	204	Each	Pavement Markers, Class A-H, Type 2-E
710A160	22	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background)
710A165	137	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background, Fluorescent)
710A170	76	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background)
710B021	270	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2", 14 Ga Square Tubular Steel)
726A000	5,030	LF	Portable Concrete Safety Barriers, Type 6
726A001	120	LF	Portable Concrete Safety Barriers, Type 6-A
726A005	320	LF	Portable Concrete Safety Barriers, Type 6 (Bridge Bolted)
726D020	8	Each	Portable Impact Attenuator Assembly (Unidirectional, TL-2)
726D026	4	Each	Portable Impact Attenuator Assembly (Bi-directional, TL-3)
730C000	1	LS	Furnishing And Installing Traffic Control Unit ( CR-8 (Redland Road) at CR-4 (Rifle Range Road))
730E000	2	Each	Metal Traffic Signal Pole Foundation
730F000	1	Each	Metal Traffic Signal Pole With 25'/60' Mast Arm Assembly
730F001	1	Each	Metal Traffic Signal Pole With 60' Mast Arm Assembly
730K000	3	Each	Traffic Signal Junction Box
730L002	30	LF	1", Metallic, Conduit
730L003	175	LF	1", Non-Metallic, Conduit
730L005	150	LF	2", Non-Metallic, Conduit
730N010	2	Each	Luminaire Extension Assembly, 12 Feet
730P020	2	Each	Vehicular Signal Head, 12 Inch, 1 Section, Type LED
730P022	4	Each	Vehicular Signal Head, 12 Inch, 3 Section, Type LED
730P023	1	Each	Vehicular Signal Head, 12 Inch, 4 Section, Type LED
730R022	1	Each	Controller Assembly, Type III, 8 Phase
730U400	1	LS	Radar Detection System ( CR-8 (Redland Road) at CR-4 (Rifle Range Road))
740B000	781	SQFT	Construction Signs
740D000	230	Each	Channelizing Drums
740E000	100	Each	Cones (36 Inches High)
740F002	12	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
745A000	300	HOUR	Uniformed Police Officer
756A028	70	LF	6" Electrical Conduit, 1 Line, Type 5 Installation