

**Alabama Department of Transportation  
Proposal Item Summary**

**001. BR-0005(529)**

**WILCOX AND MARENGO COUNTIES**

Contract Time: 180 Working Days

DBE Goal Percent: 3.00

for constructing the Bridge Replacement (Grading, Drainage, Pavement, and Bridge) on SR-5 over Mud Creek. Length 0.577 mi.

The Bracket Estimate on this project is from \$4,216,181 to \$5,153,110.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$40.00 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 14 Acres)                    |
| 206A000  | 1        | LS    | Removal Of Old Bridge, Station 613+31.340  |
| 206D000  | 3,155    | LF    | Removing Pipe  |
| 206D001  | 609      | LF    | Removing Guardrail   |
| 206D011  | 187      | LF    | Removing Fence   |
| 206E000  | 2        | Each  | Removing Headwalls   |
| 206E008  | 8        | Each  | Removing Guardrail End Anchor (All Type)   |
| 210A000  | 5,566    | CUYD  | Unclassified Excavation  |
| 210D013  | 35,316   | CUYD  | Borrow Excavation (A-4(0) or Better)   |
| 215A000  | 182      | CUYD  | Unclassified Bridge Excavation   |
| 215B000  | 1        | LS    | Cofferdams Or Sheet piling And Shoring, STA 613+85.00  |
| 230A000  | 31       | RBST  | Roadbed Processing   |
| 260A003  | 5        | CUYD  | Cement Mortar Flowable Backfill, Mix 4   |
| 301A012  | 9,083    | SQYD  | Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness                                     |
| 401A000  | 9,083    | SQYD  | Bituminous Treatment A   |
| 405A000  | 3,116    | Gal   | Tack Coat  |
| 408A052  | 1,467    | SQYD  | Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)  |
| 410H000  | 1        | Each  | Material Remixing Device   |
| 424A361  | 900      | Ton   | Superpave Bituminous Concrete Wearing Surface Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D           |
| 424A370  | 7        | Ton   | Superpave Bituminous Concrete Wearing Surface Layer, Widening, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D |
| 424B651  | 1,022    | Ton   | Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D                |
| 424B658  | 1,958    | Ton   | Superpave Bituminous Concrete Upper Binder Layer, Leveling, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D    |
| 424B681  | 1,197    | Ton   | Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D                |
| 424C360  | 1,490    | Ton   | Superpave Bituminous Concrete Base Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D                        |
| 428A001  | 2        | Mile  | Scoring Bituminous Pavement Surface  |
| 430B043  | 500      | Ton   | Aggregate Surfacing (1" Down, Crusher Run)   |
| 450B000  | 185      | SQYD  | Reinforced Cement Concrete Bridge End Slab   |
| 502A000  | 34,400   | LB    | Steel Reinforcement  |
| 502B000  | 1        | LS    | Steel Reinforcement For Bridge Superstructure, Station 613+85.000, Approximately 61,100 Pounds                 |
| 505A102  | 2        | Each  | Steel Test Piles (HP 12x53) (Galvanized)   |
| 505B057  | 2        | Each  | Static Loading Tests (HP 12x53)  |
| 505B333  | 2        | Each  | Dynamic Loading Tests (HP12X53)(Driving)   |
| 505B433  | 4        | Each  | Dynamic Loading Tests (HP12X53)(Restrike)  |
| 505I000  | 3,880    | SQFT  | Temporary Steel Sheet Piling   |

| Item No. | Quantity | Units | Description   |
|----------|----------|-------|---|
| 505M102  | 1,947    | LF    | Steel Piling Furnished And Driven (HP 12x53) (Galvanized)                         |
| 508A000  | 4,560    | LB    | Structural Steel  |
| 510A007  | 152      | CUYD  | Bridge Substructure Concrete  |
| 510A029  | 88       | CUYD  | Bridge Substructure Concrete (Low Permeability)                                   |
| 510C051  | 1        | LS    | Bridge Concrete Superstructure, Station 613+85.000, Approximately 264 Cubic Yards |
| 510E000  | 741      | SQYD  | Grooving Concrete Bridge Decks  |
| 511A052  | 30       | Each  | Elastomeric Bearing Type 2 (Mark B3)  |
| 513B005  | 1,172    | LF    | Pretensioned-Prestressed Concrete Girders, Type III (Specialty Item)              |
| 535B012  | 42       | LF    | 29" Span, 18" Rise Side Drain Pipe  |
| 535B013  | 54       | LF    | 44" Span, 27" Rise Side Drain Pipe  |
| 600A000  | 1        | LS    | Mobilization  |
| 602A000  | 12       | Each  | Right Of Way Markers  |
| 606A000  | 500      | LF    | 6" Underdrain Pipe  |
| 610C001  | 7,448    | Ton   | Loose Riprap, Class 2   |
| 610D003  | 6,444    | SQYD  | Filter Blanket, Geotextile  |
| 619B117  | 2        | Each  | 29" Span, 18" Rise Side Drain Pipe End Treatment, Class 1                         |
| 619B119  | 2        | Each  | 44" Span, 27" Rise Side Drain Pipe End Treatment, Class 1                         |
| 630A001  | 313      | LF    | Steel Beam Guardrail, Class A, Type 2   |
| 630C079  | 4        | Each  | Guardrail End Anchor, Type 13 (MASH)  |
| 630C080  | 6        | Each  | Guardrail End Anchor, Type 20 Series (MASH)                                       |
| 641A514  | 8        | LF    | 1 Inch Copper Water Service Line Laid   |
| 641A612  | 5        | LF    | 6 Inch Ductile Iron Water Main Laid   |
| 641A748  | 3,200    | LF    | 8 Inch P.V.C. Water Main Laid   |
| 641C500  | 1,095    | LB    | Ductile Iron Fittings   |
| 641D500  | 1        | Each  | Fire Hydrant  |
| 641I510  | 2        | Each  | 1 Inch Air Release Valve  |
| 641J506  | 2        | Each  | 1 Inch Gate Valve With Box  |
| 641J516  | 1        | Each  | 6 Inch Gate Valve With Box  |
| 641J518  | 1        | Each  | 8 Inch Gate Valve With Box  |
| 641L500  | 17       | CUYD  | Concrete for Water Mains (Thrust Blocks)  |
| 641M512  | 4        | Each  | 6 Inch Retainer Gland   |
| 641M514  | 20       | Each  | 8 Inch Retainer Gland   |
| 641M516  | 2        | Each  | 10 Inch Retainer Gland  |
| 641N520  | 1        | Each  | 8 Inch x 6 Inch Anchor Tee  |
| 641O520  | 2        | Each  | 8 Inch x 8 Inch Tapping Valve And Sleeve  |
| 641P520  | 2        | Each  | 1 Inch Service Tap  |
| 641T512  | 2        | Each  | 8 Inch Line Stop  |
| 641U810  | 400      | LF    | 10 Inch H.D.P.E. Water Main, (Directional Drilling)                               |
| 645H510  | 2        | Each  | 48 Inch Manhole   |
| 650A000  | 1,086    | CUYD  | Topsoil   |
| 650B000  | 1,891    | CUYD  | Topsoil From Stockpiles   |
| 652A100  | 6        | Acre  | Seeding   |
| 652C000  | 12       | Acre  | Mowing  |
| 654A000  | 6,608    | SQYD  | Solid Sodding   |
| 656A010  | 6        | Acre  | Mulching  |
| 665A000  | 5        | Acre  | Temporary Seeding   |
| 665B001  | 36       | Ton   | Temporary Mulching  |
| 665C010  | 100      | LF    | Temporary Pipe  |
| 665D001  | 4        | Each  | Temporary Pipe End Treatment  |
| 665E000  | 2,500    | SQYD  | Polyethylene  |
| 665F000  | 250      | Each  | Hay Bales   |
| 665I000  | 390      | Ton   | Temporary Riprap, Class 2   |
| 665J002  | 1,207    | LF    | Silt Fence  |
| 665N000  | 600      | Ton   | Temporary Coarse Aggregate,ALDOT Number 1   |
| 665N001  | 105      | Ton   | Temporary Coarse Aggregate,ALDOT Number 4   |

| Item No. | Quantity | Units | Description   |
|----------|----------|-------|---|
| 665O001  | 1,207    | LF    | Silt Fence Removal  |
| 665Q002  | 500      | LF    | Wattle  |
| 666A001  | 6        | Acre  | Pest Control Treatment  |
| 680A001  | 1        | LS    | Geometric Controls  |
| 698A000  | 1        | LS    | Construction Fuel (Maximum Bid Limited to \$ 225,000.00)                              |
| 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)                                |
| 701A244  | 1        | Mile  | Broken Yellow, Class 2, Type A Traffic Stripe (5" Wide)                               |
| 701C000  | 1        | Mile  | Broken Temporary Traffic Stripe   |
| 701C001  | 1        | Mile  | Solid Temporary Traffic Stripe  |
| 701E006  | 720      | LF    | Solid Temporary Traffic Stripe (Removable Tape)                                       |
| 701G146  | 480      | LF    | Solid White, Class W, Type A Traffic Stripe (5"Wide)                                  |
| 701G150  | 240      | LF    | Broken Yellow, Class W, Type A Traffic Stripe (5" Wide)                               |
| 701H000  | 3,062    | LF    | Solid Traffic Stripe Removed (Paint)  |
| 705A022  | 153      | Each  | Pavement Markers, Class C, Type 2-C   |
| 705A023  | 153      | Each  | Pavement Markers, Class C, Type 2-D   |
| 705A032  | 3        | Each  | Pavement Markers, Class A-H, Type 1-B   |
| 705A037  | 74       | Each  | Pavement Markers, Class A-H, Type 2-D   |
| 709A001  | 1        | Each  | Milepost, Type B  |
| 710A160  | 16       | SQFT  | Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background)                   |
| 710A170  | 32       | SQFT  | Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background)                   |
| 710B021  | 52       | LF    | Roadway Sign Post (#3 U Channel, Galvanized Steel or 2 ", 14 Ga Square Tubular Steel) |
| 726A000  | 180      | LF    | Portable Concrete Safety Barriers, Type 6   |
| 726A001  | 20       | LF    | Portable Concrete Safety Barriers, Type 6-A   |
| 726D020  | 2        | Each  | Portable Impact Attenuator Assembly (Unidirectional,TL-2)                             |
| 740B000  | 574      | SQFT  | Construction Signs  |
| 740D000  | 45       | Each  | Channelizing Drums  |
| 740E000  | 100      | Each  | Cones (36 Inches High)  |
| 740F002  | 8        | Each  | Barricades, Type III  |
| 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  |