

**Alabama Department of Transportation
Proposal Item Summary**

037. STPHV-4514(251)

MADISON COUNTY

Contract Time: 390 Working Days

DBE Goal Percent: 5.00

for constructing the Bridge Replacement (Grading, Drainage, Pavement, and Bridges) on CR-242 (Old Highway 431) over the Flint River and various unnamed tributaries north of Owens Cross Roads. Length 1.225 mi.

The Bracket Estimate on this project is from \$10,387,518 to \$12,695,855.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$81.00 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 11 Acres) |
| 206A000 | 1 | LS | Removal Of Old Bridge, Station 103+36.87 |
| 206A001 | 1 | LS | Removal Of Old Bridge, Station 118+51.02 |
| 206A002 | 1 | LS | Removal Of Old Bridge, Station 127+76.74 |
| 206A003 | 1 | LS | Removal Of Old Bridge, Station 149+93.29 |
| 206C010 | 48 | SQYD | Removing Concrete Driveway |
| 206D000 | 62 | LF | Removing Pipe |
| 206D003 | 187 | LF | Removing Curb And Gutter |
| 206E000 | 2 | Each | Removing Headwalls |
| 206E005 | 47 | Each | Removing Concrete Posts |
| 210A000 | 24,785 | CUYD | Unclassified Excavation |
| 210D000 | 29,684 | CUYD | Borrow Excavation |
| 210E001 | 4,664 | CUYD | Borrow Excavation (Underwater Embankment) |
| 214A000 | 515 | CUYD | Structure Excavation |
| 214B001 | 234 | CUYD | Foundation Backfill, Commercial |
| 301A004 | 967 | SQYD | Crushed Aggregate Base Course, Type B, Plant Mixed, 4" Compacted Thickness |
| 301A012 | 9,322 | SQYD | Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness |
| 302A000 | 10,798 | SQYD | Full Depth Reclamation, 12" Thick |
| 302B000 | 243 | Ton | Portland Cement For Full Depth Reclamation |
| 305B078 | 105 | Ton | Crushed Aggregate, Section 825, Type B, For Miscellaneous Use |
| 401A000 | 11,863 | SQYD | Bituminous Treatment A |
| 405A000 | 2,152 | Gal | Tack Coat |
| 407B000 | 2 | Mile | Joint Sealant For Hot Mix Asphalt Pavement |
| 410H000 | 1 | Each | Material Remixing Device |
| 424A336 | 912 | Ton | Superpave Bituminous Concrete Wearing Surface Layer, 3/8" Maximum Aggregate Size Mix, ESAL Range A/B |
| 424B635 | 1,681 | Ton | Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range A/B |
| 424B666 | 3,099 | Ton | Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range A/B |
| 424C344 | 178 | Ton | Superpave Bituminous Concrete Base Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range A/B |
| 424C350 | 528 | Ton | Superpave Bituminous Concrete Base Layer, Widening, 1" Maximum Aggregate Size Mix, ESAL Range A/B |
| 430B043 | 2,006 | Ton | Aggregate Surfacing (1" Down, Crusher Run) |
| 430B044 | 199 | Ton | Aggregate Surfacing (ALDOT #4) |
| 450B000 | 808 | SQYD | Reinforced Cement Concrete Bridge End Slab |
| 502A000 | 244,900 | LB | Steel Reinforcement |
| 502B000 | 1 | LS | Steel Reinforcement For Bridge Superstructure, Station 103+20.00, Approximately 113,000 Pounds |

| Item No. | Quantity | Units | Description |
|----------|----------|-------|-------------------------------------------------------------------------------------------------------|
| 502B001 | 1 | LS | Steel Reinforcement For Bridge Superstructure, Station 118+20.00, Approximately 112,600 Pounds |
| 502B002 | 1 | LS | Steel Reinforcement For Bridge Superstructure, Station 127+59.00, Approximately 48,000 Pounds |
| 502B003 | 1 | LS | Steel Reinforcement For Bridge Superstructure, Station 149+74.00, Approximately 31,900 Pounds |
| 506A004 | 724 | LF | Drilled Shaft Excavation, 3'-0" Diameter |
| 506A008 | 27 | LF | Drilled Shaft Excavation, 4'-0" Diameter |
| 506B001 | 669 | LF | Special Drilled Shaft Excavation, 3'-0" Diameter |
| 506B003 | 54 | LF | Special Drilled Shaft Excavation, 4'-0" Diameter |
| 506C040 | 1,495 | LF | Drilled Shaft Construction, 3'-0" Diameter, Class DS1 Concrete |
| 506C042 | 150 | LF | Drilled Shaft Construction, 4'-0" Diameter, Class DS1 Concrete |
| 506D000 | 240 | LF | Exploration Below Drilled Shaft |
| 506F004 | 285 | LF | Permanent Drilled Shaft Casing, 3'-0" Diameter |
| 506F008 | 96 | LF | Permanent Drilled Shaft Casing, 4'-0" Diameter |
| 506G000 | 51 | Each | Crosshole Sonic Logging, 3'-0" Diameter |
| 506G002 | 9 | Each | Crosshole Sonic Logging, 4'-0" Diameter |
| 508A000 | 16,900 | LB | Structural Steel |
| 510A007 | 624 | CUYD | Bridge Substructure Concrete |
| 510C051 | 1 | LS | Bridge Concrete Superstructure, Station 103+20.00, Approximately 488 Cubic Yards |
| 510C052 | 1 | LS | Bridge Concrete Superstructure, Station 118+20.00, Approximately 494 Cubic Yards |
| 510C053 | 1 | LS | Bridge Concrete Superstructure, Station 127+59.00, Approximately 208 Cubic Yards |
| 510C054 | 1 | LS | Bridge Concrete Superstructure, Station 149+74.00, Approximately 140 Cubic Yards |
| 510E000 | 3,348 | SQYD | Grooving Concrete Bridge Decks |
| 511A001 | 192 | Each | Elastomeric Bearing Type 2 |
| 511A052 | 64 | Each | Elastomeric Bearing Type 2 (Mark B3) |
| 513B011 | 2,522 | LF | Pretensioned-Prestressed Concrete Girder, Type II Modified (Speciality Item) |
| 513B120 | 4,206 | LF | Pretensioned-prestressed Concrete Girders, Type Voided Slab 3'-0" Wide By 1'-9" Deep (Specialty Item) |
| 517A004 | 1,864 | LF | Ornamental Handrail . |
| 517G000 | 956 | LF | Ornamental Metal Fence . |
| 530A001 | 52 | LF | 18" Roadway Pipe (Class 3 R.C.) |
| 530A002 | 89 | LF | 24" Roadway Pipe (Class 3 R.C.) |
| 533A099 | 685 | LF | 24" Storm Sewer Pipe (Class 3 R.C.) |
| 535A001 | 94 | LF | 18" Side Drain Pipe |
| 600A000 | 1 | LS | Mobilization |
| 608A000 | 25,531 | SQYD | Separation Geotextile |
| 610C001 | 10,946 | Ton | Loose Riprap, Class 2 |
| 610D003 | 8,861 | SQYD | Filter Blanket, Geotextile |
| 618A000 | 2,887 | SQYD | Concrete Sidewalk, 4" Thick |
| 618B003 | 36 | SQYD | Concrete Driveway, 6" Thick (Includes Wire Mesh) |
| 619A002 | 2 | Each | 18" Roadway Pipe End Treatment, Class 1 |
| 619A003 | 2 | Each | 24" Roadway Pipe End Treatment, Class 1 |
| 619A101 | 4 | Each | 18" Side Drain Pipe End Treatment, Class 1 |
| 621A011 | 2 | Each | Junction Boxes, Type 1 Or 1P |
| 621C024 | 1 | Each | Inlets, Type C Or P1 |
| 621C109 | 2 | Each | Inlets, Type PD |
| 623C003 | 115 | LF | Combination Curb & Gutter, Type C (Modified) |
| 630A001 | 1,463 | LF | Steel Beam Guardrail, Class A, Type 2 |
| 630C001 | 2 | Each | Guardrail End Anchor, Type 8 |
| 630C003 | 16 | Each | Guardrail End Anchor, Type 13 |
| 630C080 | 14 | Each | Guardrail End Anchor, Type 20 Series (MASH) |
| 630D000 | 232 | LF | Barrier Rail, Steel Rectangular Tubing |
| 635B002 | 1 | Each | Gate, 20 Feet Wide |
| 650A000 | 2,974 | CUYD | Topsoil |

| Item No. | Quantity | Units | Description |
|----------|----------|-------|---------------------------------------------------------------------------------------|
| 650B000 | 500 | CUYD | Topsoil From Stockpiles |
| 652A100 | 7 | Acre | Seeding |
| 654A001 | 9,205 | SQYD | Solid Sodding (Bermuda) |
| 656A010 | 7 | Acre | Mulching |
| 659C001 | 15,268 | SQYD | Erosion Control Product, Type S3 |
| 659C002 | 6,035 | SQYD | Erosion Control Product, Type S2 |
| 665A000 | 7 | Acre | Temporary Seeding |
| 665B001 | 63 | Ton | Temporary Mulching |
| 665E000 | 500 | SQYD | Polyethylene |
| 665G000 | 100 | Each | Sand Bags |
| 665I000 | 2,382 | Ton | Temporary Riprap, Class 2 |
| 665J002 | 12,586 | LF | Silt Fence |
| 665L000 | 340 | LF | Floating Basin Boom |
| 665N000 | 320 | Ton | Temporary Coarse Aggregate,ALDOT Number 1 |
| 665O001 | 12,586 | LF | Silt Fence Removal |
| 665P005 | 3 | Each | Inlet Protection, Stage 3 Or 4 |
| 665Q002 | 536 | LF | Wattle |
| 674A000 | 1,235 | LF | Construction Safety Fence |
| 680A001 | 1 | LS | Geometric Controls |
| 698A000 | 1 | LS | Construction Fuel (Maximum Bid Limited to \$ 700,000.00) |
| 701A231 | 5 | Mile | Solid White, Class 2, Type A Traffic Stripe |
| 701A235 | 3 | Mile | Solid Yellow, Class 2, Type A Traffic Stripe |
| 701C001 | 6 | Mile | Solid Temporary Traffic Stripe |
| 701G144 | 3,440 | LF | Solid White, Class W, Type A Traffic Stripe |
| 701G152 | 1,720 | LF | Solid Yellow, Class W, Type A Traffic Stripe |
| 703A002 | 396 | SQFT | Traffic Control Markings, Class 2, Type A |
| 703D001 | 308 | SQFT | Temporary Traffic Control Markings |
| 705A037 | 165 | Each | Pavement Markers, Class A-H, Type 2-D |
| 710A160 | 23 | SQFT | Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background) |
| 710A170 | 147 | SQFT | Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background) |
| 710B021 | 336 | LF | Roadway Sign Post (#3 U Channel, Galvanized Steel or 2 ", 14 Ga Square Tubular Steel) |
| 740B000 | 304 | SQFT | Construction Signs |
| 740D000 | 125 | Each | Channelizing Drums |
| 740E000 | 20 | Each | Cones (36 Inches High) |
| 740F002 | 6 | Each | Barricades, Type III |
| 740I002 | 4 | Each | Warning Lights, Type B |
| 740M001 | 20 | Each | Ballast For Cone |
| 742A001 | 2 | Each | Portable Changeable Message Sign, Type 2 |
| 999 000 | 2,800 | HOUR | Trainee Hours At 80 Cents Per Hour |