

**Alabama Department of Transportation
Proposal Item Summary**

039. RAED-042-888-035

LIMESTONE COUNTY

Contract Time: 300 Working Days

DBE Goal Percent: 4.00

for constructing the Widening to Include Ramp Modifications (Grading, Drainage, Pavement, Bridge Removal, Bridge Culvert, Traffic Signals, and Intelligent Traffic Systems) on SR-304 (Old CR-24) from a point west of the intersection of SR-3 (US-31) to a point east of the I-65 (Exit 347) Interchange in Athens. Length 1.552 mi.

The Bracket Estimate on this project is from \$11,287,730 to \$13,796,114.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$102.00 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 12 Acres)
205A001	1	Each	Removal Of Structures, Structure No. 1
205A002	1	Each	Removal Of Structures, Structure No. 2
205A003	1	Each	Removal Of Structures, Structure No. 3
205A004	1	Each	Removal Of Structures, Structure No. 4
205A005	1	Each	Removal Of Structures, Structure No. 5
205A006	1	Each	Removal Of Structures, Structure No. 6
206A000	1	LS	Removal Of Old Bridge, Station 140+19.380
206A001	1	LS	Removal Of Old Bridge, Station 146+12.650
206A050	1	LS	Removal Of Old Bridge, Partial, Station 160+92.364
206B000	1	LS	Removal Of Old Box Culvert, Station 128+03.700
206C002	288	SQYD	Removing Concrete Slope Paving
206C017	452	SQYD	Removing Concrete Pad
206D000	1,369	LF	Removing Pipe
206D001	946	LF	Removing Guardrail
206D002	775	LF	Removing Curb
206D007	50	LF	Removing Concrete Flume
206D011	1,326	LF	Removing Fence
206E000	10	Each	Removing Headwalls
206E001	8	Each	Removing Inlets
206E008	20	Each	Removing Guardrail End Anchor (All Type)
210A000	29,277	CUYD	Unclassified Excavation
210D011	67,085	CUYD	Borrow Excavation (A4 Or Better)
210D101	38	CUYD	Borrow Excavation (Sand Fill, Complete In Place)
210E001	740	CUYD	Borrow Excavation (Underwater Embankment)
210F002	4	Ton	Borrow Excavation (Underwater Backfill) (ALDOT #57)
214A000	2,669	CUYD	Structure Excavation
214B001	498	CUYD	Foundation Backfill, Commercial
215A000	240	CUYD	Unclassified Bridge Excavation
215B000	1	LS	Cofferdams Or Sheeting And Shoring, Station 139+63.000
215B001	1	LS	Cofferdams Or Sheeting And Shoring, Station 145+75.000
224A000	500	CUYD	Lime Sink Excavation
224C002	200	Ton	Special Backfill For Lime Sink, ALDOT #57, #67 Or #467
224D000	100	CUYD	Concrete Seal For Lime Sink
230A000	65	RBST	Roadbed Processing
250B002	800	CUYD	Disposal Of Hydrocarbon Contaminated Soil (Specialty Item)
250C000	1	Each	Underground Storage Tank Removal (Specialty Item)
250N001	1,000	Gal	Removal/Disposal Of Tank Contents (Gasoline) (Specialty Item)

Item No.	Quantity	Units	Description
301A012	53,462	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
327A021	21	Ton	Plant Mix Bituminous Base, Mix 2
401A000	2,714	SQYD	Bituminous Treatment A
401B108	50,747	SQYD	Bituminous Treatment G (With Polymer Additive)
405A000	4,620	Gal	Tack Coat
407B000	5	Mile	Joint Sealant For Hot Mix Asphalt Pavement
408B001	30,648	SQYD	Micro-Milling Existing Pavement (Approximately 1.10" Thru 2.00" Thick)
410H000	1	Each	Material Remixing Device
410I000	1	Each	Smoothness Testing, Certified Inertial Profiler
424A360	6,250	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B651	7,806	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B655	500	Ton	Superpave Bituminous Concrete Upper Binder Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B657	500	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B659	500	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B681	7,482	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424C360	7,706	Ton	Superpave Bituminous Concrete Base Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
428A001	3	Mile	Scoring Bituminous Pavement Surface
430B014	249	Ton	Aggregate Surfacing (ALDOT #410 Modified)
430B016	39	Ton	Aggregate Surfacing (ALDOT #467, #57 Or #67)
430B042	881	Ton	Aggregate Surfacing (Crushed Aggregate Base, Type A)
430B044	241	Ton	Aggregate Surfacing (ALDOT #4)
430B050	300	Ton	Aggregate Surfacing(ALDOT#1)
450B000	1,329	SQYD	Reinforced Cement Concrete Bridge End Slab
502A000	207,488	LB	Steel Reinforcement
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, Station 139+63.000, Approximately 135,500 Pounds
502B001	1	LS	Steel Reinforcement For Bridge Superstructure, Station 145+75.000, Approximately 89,500 Pounds
505G003	104	Each	Pile Points (Type A, 12")
505H000	1,040	LF	Pilot Holes
505M002	1,670	LF	Steel Piling Furnished And Driven (HP 12x53)
508A000	21,070	LB	Structural Steel
510A007	444	CUYD	Bridge Substructure Concrete
510B001	7	CUYD	Bridge Concrete, Class B
510C051	1	LS	Bridge Concrete Superstructure, Station 139+63.000, Approximately 530 Cubic Yards
510C052	1	LS	Bridge Concrete Superstructure, Station 145+75.000, Approximately 353 Cubic Yards
510E000	3,212	SQYD	Grooving Concrete Bridge Decks
511A052	120	Each	Elastomeric Bearing Type 2 (Mark B3)
513B005	4,714	LF	Pretensioned-Prestressed Concrete Girders, Type III (Specialty Item)
524A010	684	CUYD	Culvert Concrete
530A001	60	LF	18" Roadway Pipe (Class 3 R.C.)
530A002	114	LF	24" Roadway Pipe (Class 3 R.C.)
530B004	102	LF	44" Span, 27" Rise Roadway Pipe (Class 3 R.C.)
535A001	265	LF	18" Side Drain Pipe
535A002	207	LF	24" Side Drain Pipe
535B092	50	LF	44" Span, 27" Rise Side Drain Pipe (Class 3 R.C.)
535B093	97	LF	36" Span, 23" Rise Side Drain Pipe (Class 3 R.C.)
600A000	1	LS	Mobilization
602A000	17	Each	Right Of Way Markers
602B000	2	Each	Land Survey Markers

Item No.	Quantity	Units	Description
608A000	757	SQYD	Separation Geotextile
610C001	1,347	Ton	Loose Riprap, Class 2
610D003	1,846	SQYD	Filter Blanket, Geotextile
614A000	146	CUYD	Slope Paving
618B003	673	SQYD	Concrete Driveway, 6" Thick (Includes Wire Mesh)
619A002	1	Each	18" Roadway Pipe End Treatment, Class 1
619A003	2	Each	24" Roadway Pipe End Treatment, Class 1
619A101	10	Each	18" Side Drain Pipe End Treatment, Class 1
619A102	6	Each	24" Side Drain Pipe End Treatment, Class 1
619B018	4	Each	36" Span, 23" Rise Roadway Pipe End Treatment, Class 1
619B269	2	Each	44" Span, 27" Rise Roadway Pipe End Treatment, Class 1 (Double Line)
619B341	2	Each	44" Span, 27" Rise Side Drain Pipe End Treatment, Class 1 (Double Line)
620A000	1	CUYD	Minor Structure Concrete
621C002	1	Each	Inlets, Type C, P1 Or P3
621C020	1	Each	Inlets, Type Y
623B001	130	LF	Concrete Curb, Type N Special
623C000	256	LF	Combination Curb & Gutter, Type C
629E018	340	LF	Bridge Rail Retrofit, Type BC(CSF)
630A001	2,262	LF	Steel Beam Guardrail, Class A, Type 2
630C003	12	Each	Guardrail End Anchor, Type 13
630C080	12	Each	Guardrail End Anchor, Type 20 Series (MASH)
650A000	250	CUYD	Topsoil
650B000	5,396	CUYD	Topsoil From Stockpiles
652A100	15	Acre	Seeding
652C000	45	Acre	Mowing
654A006	18,923	SQYD	Solid Sodding (Myers Zoysia)
656A010	15	Acre	Mulching
659C001	11,466	SQYD	Erosion Control Product, Type S3
665A000	4	Acre	Temporary Seeding
665B001	36	Ton	Temporary Mulching
665C010	250	LF	Temporary Pipe
665D001	4	Each	Temporary Pipe End Treatment
665E000	2,000	SQYD	Polyethylene
665F000	500	Each	Hay Bales
665G000	500	Each	Sand Bags
665I000	630	Ton	Temporary Riprap, Class 2
665J002	12,000	LF	Silt Fence
665N000	750	Ton	Temporary Coarse Aggregate,ALDOT Number 1
665N001	92	Ton	Temporary Coarse Aggregate,ALDOT Number 4
665O001	12,000	LF	Silt Fence Removal
665P005	2	Each	Inlet Protection, Stage 3 Or 4
665Q002	400	LF	Wattle
665T000	1,200	LF	Temporary Earth Berms
666A001	15	Acre	Pest Control Treatment
672C100	50	Each	Flocculant Application, Ditch Check
672C101	20	Each	Flocculant Application, Temporary Slope Drain
674A000	2,500	LF	Construction Safety Fence
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 565,000.00)
701A227	5	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	5	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701A239	3	Mile	Broken White, Class 2, Type A Traffic Stripe (5" Wide)
701A244	2	Mile	Broken Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701B027	100	LF	Dotted, Class W, Type A Traffic Stripe (5" Wide)
701B063	1,000	LF	Dotted, Class 2, Type A Traffic Stripe(Lane Drop 10" Wide)

Item No.	Quantity	Units	Description
701B207	2,310	LF	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C000	2	Mile	Broken Temporary Traffic Stripe
701C001	7	Mile	Solid Temporary Traffic Stripe
701D005	7	Mile	Solid Traffic Stripe Removed
701D013	2	Mile	Broken Traffic Stripe Removed
701G142	1,480	LF	Broken White, Class W, Type A Traffic Stripe (5" Wide)
701G146	1,480	LF	Solid White, Class W, Type A Traffic Stripe (5"Wide)
701G150	1,140	LF	Broken Yellow, Class W, Type A Traffic Stripe (5" Wide)
701G154	1,480	LF	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
701H010	1,025	LF	Dotted Traffic Stripe Removed (Paint)
703A002	5,019	SQFT	Traffic Control Markings, Class 2, Type A
703A011	50	SQFT	Traffic Control Markings, Class W, Type A
703B002	336	SQFT	Traffic Control Legends, Class 2, Type A
703B011	68	SQFT	Traffic Control Legends, Class W, Type A
703D001	391	SQFT	Temporary Traffic Control Markings
703E001	184	SQFT	Temporary Traffic Control Legends
705A023	195	Each	Pavement Markers, Class C, Type 2-D
705A030	484	Each	Pavement Markers, Class A-H, Type 2-C
705A031	20	Each	Pavement Markers, Class A-H, Type 1-A
705A032	125	Each	Pavement Markers, Class A-H, Type 1-B
705A037	228	Each	Pavement Markers, Class A-H, Type 2-D
705A038	63	Each	Pavement Markers, Class A-H, Type 2-E
710A160	158	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background)
710A170	157	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background)
710A185	54	SQFT	Class 6 Aluminum Flat Sign Panels 0.125" Thick (Type IV or XI Background)
710A187	1,109	SQFT	Class 6 Aluminum Multiple Flat Sign Panels 0.125" Thick (Type IV or XI Background)
710B021	770	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2", 14 Ga Square Tubular Steel)
726A000	1,100	LF	Portable Concrete Safety Barriers, Type 6
726A001	20	LF	Portable Concrete Safety Barriers, Type 6-A
726D025	2	Each	Portable Impact Attenuator Assembly (Unidirectional, TL-3)
729A101	1,500	LF	Fiber Optic Drop Cable, 12F
729B010	2	Each	Fiber Distribution Unit, Secondary
729C020	2	Each	Network Device, Type C (FMES)
729I108	640	LF	Conduit, Underground, Non-Metallic, 2 X 2 Inch
729I201	800	LF	Conduit, Rigid Metallic, 2 Inch
729N301	3	Each	Miscellaneous Infrastructure, CommBox, Type F1
729N302	2	Each	Miscellaneous Infrastructure, CommBox, Type F2
729N401	2	Each	Miscellaneous Infrastructure, Pull Box (36 In X 36 In X 24 In)
729N500	2	Each	Miscellaneous Infrastructure, Fiber Marker Post
730A000	1	LS	Removal Of Existing Traffic Control Unit (SR-304 at SR-3 (US-31))
730C000	1	LS	Furnishing And Installing Traffic Control Unit (SR-304 at SR-3 (US-31))
730C001	1	LS	Furnishing And Installing Traffic Control Unit (SR-304 at Southbound Ramp)
730C002	1	LS	Furnishing And Installing Traffic Control Unit (SR-304 at Northbound Ramp)
730E000	8	Each	Metal Traffic Signal Pole Foundation
730F001	2	Each	Metal Traffic Signal Pole With I-65 Interchange Ramps
730F003	5	Each	Metal Traffic Signal Pole With I-65 Interchange Ramps and SR-3 (US-31)
730F004	1	Each	Metal Traffic Signal Pole With 80 FT Mast Arm
730K000	12	Each	Traffic Signal Junction Box
730L002	80	LF	1", Metallic, Conduit
730L003	350	LF	1", Non-Metallic, Conduit
730L005	845	LF	2", Non-Metallic, Conduit
730N000	11	Each	Luminaire Extension Assembly, 15 Foot
730P022	25	Each	Vehicular Signal Head, 12 Inch, 3 Section, Type LED
730P023	3	Each	Vehicular Signal Head, 12 Inch, 4 Section, Type LED
730R022	3	Each	Controller Assembly, Type III, 8 Phase

Item No.	Quantity	Units	Description
730U400	1	LS	Radar Detection System (SR-304 at SR-3 (US-31))
730U401	1	LS	Radar Detection System (SR-304 at Southbound Ramp)
730U402	1	LS	Radar Detection System (SR-304 at Northbound Ramp)
740B000	1,097	SQFT	Construction Signs
740D000	400	Each	Channelizing Drums
740E000	50	Each	Cones (36 Inches High)
740F002	33	Each	Barricades, Type III
740M001	50	Each	Ballast For Cone
741C010	4	Each	Portable Sequential Arrow And Chevron Sign Unit
742A001	4	Each	Portable Changeable Message Sign, Type 2
756A028	790	LF	6" Electrical Conduit, 1 Line, Type 5 Installation