

**Alabama Department of Transportation
Proposal Item Summary**

007. ACAA55554-ATRP(013)

SHELBY COUNTY

Contract Time: 275 Working Days

DBE Goal Percent: 8.00

for constructing the Interchange Improvements (Grading, Drainage, Base, Pavement, Bridge Replacement, Retaining Wall, Traffic Signals, and Traffic Stripe) on SR-3 (US-31) at I-65 (Exit 231) in Calera. Length 0.931 mi.

The Bracket Estimate on this project is from \$17,055,122 to \$20,845,149.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$122.00 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 30 Acres)
205A001	1	Each	Removal Of Structures, Structure No. 1
205A002	1	Each	Removal Of Structures, Structure No. 2
206A000	1	LS	Removal Of Old Bridge, Station 158+05.50 (SR-3/US-31)
206C003	744	SQYD	Removing Concrete Flumes
206C016	407	SQYD	Removing Concrete Slope Paving (Under Bridges)
206D000	292	LF	Removing Pipe
206D001	3,928	LF	Removing Guardrail
206D003	1,097	LF	Removing Curb And Gutter
206D011	984	LF	Removing Fence
206E000	21	Each	Removing Headwalls
206E001	7	Each	Removing Inlets
206E008	16	Each	Removing Guardrail End Anchor (All Type)
206E010	4	Each	Removing Guardrail End Anchor (Type 2-B)
210A000	61,711	CUYD	Unclassified Excavation
210D000	83,088	CUYD	Borrow Excavation
210D011	13,277	CUYD	Borrow Excavation (A4 Or Better)
210E000	600	CUYD	Borrow Excavation (Underwater Backfill)
214A000	1,017	CUYD	Structure Excavation
214B001	413	CUYD	Foundation Backfill, Commercial
215A000	250	CUYD	Unclassified Bridge Excavation
215B000	1	LS	Cofferdams Or Sheeting And Shoring, Station 158+20.25
224A000	250	CUYD	Lime Sink Excavation
230A000	170	RBST	Roadbed Processing
260A000	98	CUYD	Cement Mortar Flowable Backfill, Mix 1
260A002	100	CUYD	Cement Mortar Flowable Backfill, Mix 3
301A001	464	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 3.25" Compacted Thickness
301A012	50,769	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
305A051	110	CUYD	Coarse Aggregate, Section 801, For Miscellaneous Use
401A043	49,725	SQYD	Bituminous Treatment AE
405A000	18,177	Gal	Tack Coat
407B000	10	Mile	Joint Sealant For Hot Mix Asphalt Pavement
408A052	34,578	SQYD	Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)
408B001	25,157	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
423A003	2,667	Ton	Stone Matrix Asphalt Wearing Layer, 1/2" Maximum Aggregate Size
424A280	9,168	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range E

Item No.	Quantity	Units	Description
424A361	940	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424A370	923	Ton	Superpave Bituminous Concrete Wearing Surface Layer, Widening, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B280	8,136	Ton	Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range E
424B288	3,277	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 3/4" Maximum Aggregate Size Mix, ESAL Range E
424B581	18,603	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range E
424B585	729	Ton	Superpave Bituminous Concrete Lower Binder Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range E
424B589	5,843	Ton	Superpave Bituminous Concrete Lower Binder Layer, Leveling, 1" Maximum Aggregate Size Mix, ESAL Range E
424B651	1,325	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B655	25	Ton	Superpave Bituminous Concrete Upper Binder Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B662	1,411	Ton	Superpave Bituminous Concrete Upper Binder Layer, Widening, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424C280	9,559	Ton	Superpave Bituminous Concrete Base Layer, 1" Maximum Aggregate Size Mix, ESAL Range E
424C284	37	Ton	Superpave Bituminous Concrete Base Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range E
428A001	5	Mile	Scoring Bituminous Pavement Surface
450B000	490	SQYD	Reinforced Cement Concrete Bridge End Slab
502A000	82,529	LB	Steel Reinforcement
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, Station 158+20.25, Approximately 225,700 Pounds
505G003	88	Each	Pile Points (Type A, 12")
505G004	56	Each	Pile Points (Type A, 14")
505H000	35	LF	Pilot Holes
505M002	4,258	LF	Steel Piling Furnished And Driven (HP 12x53)
505M011	1,813	LF	Steel Piling Furnished And Driven (HP 14X102)
508A000	17,760	LB	Structural Steel
510A007	472	CUYD	Bridge Substructure Concrete
510C051	1	LS	Bridge Concrete Superstructure, Station 158+20.25, Approximately 986 Cubic Yards
510E000	3,224	SQYD	Grooving Concrete Bridge Decks
511A074	84	Each	Elastomeric Bearing Type 4 (Mark VB5)
513B029	5,765	LF	Pretensioned-Prestressed Concrete Girders, Type BT-54 Modified (Speciality Item)
524B011	33	CUYD	Culvert Concrete Extension (Cast In Place)
529A020	2,405	SQFT	Retaining Wall # 1
530A001	262	LF	18" Roadway Pipe (Class 3 R.C.)
530A002	326	LF	24" Roadway Pipe (Class 3 R.C.)
530A005	20	LF	42" Roadway Pipe (Class 3 R.C.)
530A006	50	LF	48" Roadway Pipe (Class 3 R.C.)
530A101	28	LF	18" Roadway Pipe (Class 3 R.C.) (Extension)
530A102	60	LF	24" Roadway Pipe (Class 3 R.C.) (Extension)
530A103	22	LF	30" Roadway Pipe (Class 3 R.C.) (Extension)
530A104	30	LF	36" Roadway Pipe (Class 3 R.C.) (Extension)
530A105	24	LF	42" Roadway Pipe (Class 3 R.C.) (Extension)
533A098	246	LF	18" Storm Sewer Pipe (Class 3 R.C.)
533A099	102	LF	24" Storm Sewer Pipe (Class 3 R.C.)
533A100	22	LF	30" Storm Sewer Pipe (Class 3 R.C.)
533B102	106	LF	51" Span, 31" Rise Storm Sewer Pipe (Class 3 R.C.)
534E001	2,574	LF	Cleaning Existing Pipe (Less Than Or Equal To 48" Horizontal Opening)
534F000	69	LF	Cleaning Existing Culvert (Greater Than 48" Horizontal Opening)
534F001	145	LF	Cleaning Existing Pipe (Greater Than 48" Horizontal Opening)

Item No.	Quantity	Units	Description
535A001	114	LF	18" Side Drain Pipe
600A000	1	LS	Mobilization
601A000	1	Each	Furnishing Base, Soil And Structure Laboratories
602A000	39	Each	Right Of Way Markers
603A002	1	Each	Furnishing Type 3 Field Office
610C001	329	Ton	Loose Riprap, Class 2
610D003	3,863	SQYD	Filter Blanket, Geotextile
614A000	104	CUYD	Slope Paving
614A001	137	CUYD	Slope Paving (Under Bridges)
618A000	1,566	SQYD	Concrete Sidewalk, 4" Thick
619A002	7	Each	18" Roadway Pipe End Treatment, Class 1
619A003	11	Each	24" Roadway Pipe End Treatment, Class 1
619A004	1	Each	30" Roadway Pipe End Treatment, Class 1
619A005	1	Each	36" Roadway Pipe End Treatment, Class 1
619A006	2	Each	42" Roadway Pipe End Treatment, Class 1
619A007	2	Each	48" Roadway Pipe End Treatment, Class 1
619A101	6	Each	18" Side Drain Pipe End Treatment, Class 1
620A000	9	CUYD	Minor Structure Concrete
621A003	3	Each	Junction Boxes, Type 4 Or 1P
621A011	12	Each	Junction Boxes, Type 1 Or 1P
621A019	6	Each	Junction Boxes, Type 1 Or 2P
621B014	3	Each	Junction Box Units, Type 1 Or 2P
621C015	2	Each	Inlets, Type S1 Or S3 (1 Wing)
621C017	4	Each	Inlets, Type S1 Or S3 (2 Wing)
621C100	1	Each	Inlets, Type PR
621C109	1	Each	Inlets, Type PD
623B001	33	LF	Concrete Curb, Type N Special
623C000	1,307	LF	Combination Curb & Gutter, Type C
623C003	330	LF	Combination Curb & Gutter, Type C (Modified)
629A086	262	LF	Concrete Median or Safety Barrier, Type 4A (Reinforced) (Retaining Wall Mounted)
630A001	5,053	LF	Steel Beam Guardrail, Class A, Type 2
630C001	11	Each	Guardrail End Anchor, Type 8
630C003	4	Each	Guardrail End Anchor, Type 13
630C050	4	Each	Guardrail End Anchor, Type 20 Series
630C070	7	Each	Guardrail End Anchor, Type 10 Series
634E000	280	LF	Industrial Fence, 6 Feet High, Special Mounting
635A000	2,420	LF	Woven Wire Fence
641A614	330	LF	8 Inch Ductile Iron Water Main Laid
641A618	2,858	LF	12 Inch Ductile Iron Water Main Laid
641C500	7,605	LB	Ductile Iron Fittings
641D500	1	Each	Fire Hydrant
641E500	3	Each	Fire Hydrant Reset
641J522	8	Each	12 Inch Gate Valve With Box
641L500	9	CUYD	Concrete for Water Mains (Thrust Blocks)
641O520	1	Each	8 Inch x 8 Inch Tapping Valve And Sleeve
641O548	2	Each	12 Inch x 6 Inch Tapping Valve And Sleeve
641R510	2	Each	3/4 Inch Water Meter And Box Reset
641R515	3	Each	1 Inch Water Meter And Box Reset
645A510	495	LF	8 Inch Ductile Iron Sanitary Sewer Gravity Pipe Laid
645A548	292	LF	8 Inch P.V.C. Sanitary Sewer Gravity Pipe Laid
645A652	453	LF	6 Inch P.V.C. Sanitary Sewer Force Main Pipe Laid
645A654	3,350	LF	8 Inch P.V.C. Sanitary Sewer Force Main Pipe Laid
645C500	2,055	LB	Ductile Iron Fittings
645E522	10	LF	4 Inch P.V.C. Stacks And Laterals
645F510	4,297	LF	8 Inch Abandon Existing Sanitary Sewer

Item No.	Quantity	Units	Description
645H510	5	Each	48 Inch Manhole
645I500	20	Each	48 Inch Manhole Unit
645N500	5	Each	Abandon Existing Manhole
646A720	754	LF	4 Inch Polyethylene Gas Main Laid
646A725	234	LF	6 Inch Polyethylene Gas Main Laid
646A730	2,528	LF	8 Inch Polyethylene Gas Main Laid
646C550	12	Each	4 Inch Polyethylene Fittings
646C555	5	Each	6 Inch Polyethylene Fittings
646C560	13	Each	8 Inch Polyethylene Fittings
646D545	1	Each	4 Inch Polyethylene Valve With Box
646D550	3	Each	6 Inch Polyethylene Valve With Box
646D560	2	Each	8 Inch Polyethylene Valve With Box
646E527	2	Each	4 Inch x 4 Inch Polyethylene Hot Tap
649A535	115	LF	12 Inch Steel Encasement Pipe, Type 1 Installation
649A545	180	LF	16 Inch Steel Encasement Pipe, Type 1 Installation
649A555	90	LF	20 Inch Steel Encasement Pipe, Type 1 Installation
649A635	225	LF	12 Inch Steel Encasement Pipe, Type 2 Installation
649A645	200	LF	16 Inch Steel Encasement Pipe, Type 2 Installation
649A655	50	LF	20 Inch Steel Encasement Pipe, Type 2 Installation
649A660	125	LF	24 Inch Steel Encasement Pipe, Type 2 Installation
650A000	11,900	CUYD	Topsoil
652A100	23	Acre	Seeding
652C000	60	Acre	Mowing
654A001	26,040	SQYD	Solid Sodding (Bermuda)
656A010	23	Acre	Mulching
659C001	13,375	SQYD	Erosion Control Product, Type S3
659C002	3,500	SQYD	Erosion Control Product, Type S2
659C006	1,026	SQYD	Erosion Control Product, Type C6
665A000	23	Acre	Temporary Seeding
665B001	99	Ton	Temporary Mulching
665C010	2,500	LF	Temporary Pipe
665D001	15	Each	Temporary Pipe End Treatment
665E000	7,000	SQYD	Polyethylene
665G000	3,100	Each	Sand Bags
665I000	3,075	Ton	Temporary Riprap, Class 2
665I002	1,500	Ton	Temporary Riprap, Class 1
665J002	13,555	LF	Silt Fence
665K000	3,750	CUYD	Drainage Sump Excavation
665N000	2,500	Ton	Temporary Coarse Aggregate,ALDOT Number 1
665O001	13,555	LF	Silt Fence Removal
665P005	20	Each	Inlet Protection, Stage 3 Or 4
665Q002	5,125	LF	Wattle
665T000	7,710	LF	Temporary Earth Berms
666A001	23	Acre	Pest Control Treatment
674A000	1,000	LF	Construction Safety Fence
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 867,000.00)
701A227	5	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	6	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701A239	4	Mile	Broken White, Class 2, Type A Traffic Stripe (5" Wide)
701B027	100	LF	Dotted, Class W, Type A Traffic Stripe (5" Wide)
701B063	2,460	LF	Dotted, Class 2, Type A Traffic Stripe(Lane Drop 10" Wide)
701B207	7,970	LF	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C000	7	Mile	Broken Temporary Traffic Stripe
701C001	22	Mile	Solid Temporary Traffic Stripe

Item No.	Quantity	Units	Description
701C006	1	Mile	Solid Temporary Traffic Stripe (Removable Tape)
701C009	1	Mile	Broken Temporary Traffic Stripe (Removable Tape)
701D007	1	Mile	Solid Traffic Stripe Removed (Paint)
701D008	3	Mile	Solid Traffic Stripe Removed (Plastic)
701D009	1	Mile	Solid Traffic Stripe Removed (Tape)
701D014	1	Mile	Broken Traffic Stripe Removed (Paint)
701D015	3	Mile	Broken Traffic Stripe Removed (Plastic)
701D016	1	Mile	Broken Traffic Stripe Removed (Tape)
701F000	7,970	LF	Dotted Temporary Traffic Stripe
701F010	2,460	LF	Dotted Temporary Traffic Stripe (Lane Drop)
701G142	560	LF	Broken White, Class W, Type A Traffic Stripe (5" Wide)
701G146	1,343	LF	Solid White, Class W, Type A Traffic Stripe (5"Wide)
701G154	582	LF	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
701G256	3,018	LF	Broken Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701H011	450	LF	Dotted Traffic Stripe Removed (Plastic)
703A002	15,647	SQFT	Traffic Control Markings, Class 2, Type A
703A011	66	SQFT	Traffic Control Markings, Class W, Type A
703B002	1,013	SQFT	Traffic Control Legends, Class 2, Type A
703B011	90	SQFT	Traffic Control Legends, Class W, Type A
703C001	1,000	SQFT	Removal Of Existing Traffic Control Markings Or Legends (Plastic)
703D001	3,204	SQFT	Temporary Traffic Control Markings
705A011	3,701	Each	Pavement Markers, Class C, Type 1-A
705A012	1,167	Each	Pavement Markers, Class C, Type 1-B
705A022	1,080	Each	Pavement Markers, Class C, Type 2-C
705A023	568	Each	Pavement Markers, Class C, Type 2-D
705A030	2,103	Each	Pavement Markers, Class A-H, Type 2-C
705A032	451	Each	Pavement Markers, Class A-H, Type 1-B
705A037	328	Each	Pavement Markers, Class A-H, Type 2-D
705A038	128	Each	Pavement Markers, Class A-H, Type 2-E
707G000	7	Each	Barrier Rail Mounted Delineator (Mono-Directional)
710A115	389	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type III Or Type IV Background)
710A126	123	SQFT	Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type IX Background)
710A140	451	SQFT	Class 6, Aluminum Multiple Flat Sign Panels 0.125" Thick Or Steel Multiple Flat Sign Panels 12 Gauge(Ty. III Background)
710A141	141	SQFT	Class 6, Aluminum Flat Sign Panels 0.125" Thick Or Steel Flat Sign Panels 12 Gauge (Type III Background)
710A144	15	SQFT	Class 2A , Aluminum Flat Sign Panels 0.125" Thick or Steel Flat Sign Panels 12 Gauge (Type III, IV, Or VIII Bckgd)
710B021	1,092	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2", 14 Ga Square Tubular Steel)
715A000	1	LS	Overhead Roadway Sign Structure
726A000	4,130	LF	Portable Concrete Safety Barriers, Type 6
726A001	60	LF	Portable Concrete Safety Barriers, Type 6-A
726A005	280	LF	Portable Concrete Safety Barriers,Type 6(Bridge Bolted)
726D021	1	Each	Portable Impact Attenuator Assembly (Bi-directional,TL-2)
726D025	5	Each	Portable Impact Attenuator Assembly (Unidirectional,TL-3)
730A000	1	LS	Removal Of Existing Traffic Control Unit (SR-3/US-31 at I-65 SB Exit Ramp)
730A001	1	LS	Removal Of Existing Traffic Control Unit (SR-3/US-31 at I-65 NB Exit Ramp)
730A002	1	LS	Removal Of Existing Traffic Control Unit (SR-3 at Limestone Parkway)
730A053	1	LS	Removal Of Existing Traffic Control Unit (Temporary) (SR-3/US-31 at I-65 SB Exit Ramp)
730A054	1	LS	Removal Of Existing Traffic Control Unit (Temporary) (SR-3/US-31 at I-65 NB Exit Ramp)
730C000	1	LS	Furnishing And Installing Traffic Control Unit (SR-3/US-31 at I-65 SB Exit Ramp)
730C001	1	LS	Furnishing And Installing Traffic Control Unit (SR-3/US-31 at I-65 NB Exit Ramp)
730C002	1	LS	Furnishing And Installing Traffic Control Unit (SR-3/US-31 at Limestone Parkway)
730C003	1	LS	Furnishing And Installing Traffic Control Unit (Temporary) (SR-3/US-31 at I-65 SB Exit Ramp)

Item No.	Quantity	Units	Description
730C004	1	LS	Furnishing And Installing Traffic Control Unit (Temporary) (SR-3/US-31 at I-65 NB Exit Ramp)
730E000	12	Each	Metal Traffic Signal Pole Foundation
730G001	12	Each	Metal Traffic Signal Strain Pole
730K000	8	Each	Traffic Signal Junction Box
730L002	60	LF	1", Metallic, Conduit
730L003	120	LF	1", Non-Metallic, Conduit
730L005	1,030	LF	2", Non-Metallic, Conduit
730N000	10	Each	Luminaire Extension Assembly, 12'
730P022	47	Each	Vehicular Signal Head, 12 Inch, 3 Section, Type LED
730P024	2	Each	Vehicular Signal Head, 12 Inch, 5 Section, Type LED
730Q011	8	Each	Pedestrian Signal Head, Type LED
730R021	2	Each	Controller Assembly, Type III, 4 Phase
730R022	3	Each	Controller Assembly, Type III, 8 Phase
730T000	9	Each	Wood Pole
730U400	1	LS	Radar Detection System (SR-3/US-31 at I-65 SB Exit Ramp)
730U401	1	LS	Radar Detection System (SR-3/US-31 at I-65 NB Exit Ramp)
730U402	1	LS	Radar Detection System (SR-3/US-31 at Limestone Parkway)
740B000	2,123	SQFT	Construction Signs
740C000	36	SQFT	Special Construction Signs
740D000	550	Each	Channelizing Drums
740E000	70	Each	Cones (36 Inches High)
740F002	16	Each	Barricades, Type III
740I002	8	Each	Warning Lights, Type B
740L005	25	Each	Vertical Panel, Type I (Double-Sided)
740M001	70	Each	Ballast For Cone
741C010	2	Each	Portable Sequential Arrow And Chevron Sign Unit
742A001	2	Each	Portable Changeable Message Sign, Type 2
756A028	210	LF	6" Electrical Conduit, 1 Line, Type 5 Installation
999 000	1,760	HOUR	Trainee Hours At 80 Cents Per Hour