

Alabama Department of Transportation
Proposal Item Summary

001. IMF-STPAAF-I010(320)

BALDWIN COUNTY

Contract Time: 180 Working Days

DBE Goal Percent: 8.00

for constructing the Interchange Modifications (Diverging Diamond) on I-10/SR-181; Roadway Improvements (Widening, Bridge Rail Retrofit, and Traffic Stripe) on SR-181; and the Turn Lane Installation and Drainage Improvements (Grading, Drainage, Pavement, Traffic Signals, and Lighting) on SR-16 (US-90). Length 0.908 mi.

The Bracket Estimate on this project is from \$5,740,572 to \$7,016,254.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$115.00 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)
206C000	6 SQYD		Removing Concrete Sidewalk
206C001	368 SQYD		Removing Concrete Pavement
206C002	93 SQYD		Removing Concrete Slope Paving
206C003	773 SQYD		Removing Concrete Flumes
206C008	78 SQYD		Removing Concrete Median
206C017	10 SQYD		Removing Concrete Pad
206D000	1,608 LF		Removing Pipe
206D001	244 LF		Removing Guardrail
206D002	1,070 LF		Removing Curb
206D003	151 LF		Removing Curb And Gutter
206D009	137 LF		Removing New Jersey Barrier Rail
206D030	2,802 LF		Removing Utility Lines
206E000	6 Each		Removing Headwalls
206E001	8 Each		Removing Inlets
206E002	2 Each		Removing Junction Boxes
206E008	4 Each		Removing Guardrail End Anchor (All Type)
206E041	2 Each		Removing Impact Attenuators
206E042	1 Each		Removing Inlets (Partial)
210A000	10,380 CUYD		Unclassified Excavation
210D012	17,180 CUYD		Borrow Excavation (A-2-4(0) Or A-4(0))
214A000	7,485 CUYD		Structure Excavation
214B001	1,322 CUYD		Foundation Backfill, Commercial
230A000	79 RBST		Roadbed Processing
260A001	33 CUYD		Cement Mortar Flowable Backfill, Mix 2
305B078	40 Ton		Crushed Aggregate, Section 825, Type B, For Miscellaneous Use
405A000	8,542 Gal		Tack Coat
407B000	3 Mile		Joint Sealant For Hot Mix Asphalt Pavement
408A052	27,421 SQYD		Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)
410H000	1 Each		Material Remixing Device
420A015	100 Ton		Polymer Modified Open Graded Friction Course
420B000	335 Gal		Open Graded Friction Course Tack Coat
424A360	4,168 Ton		Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424A363	100 Ton		Superpave Bituminous Concrete Wearing Surface Layer, Patching, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424A366	189 Ton		Superpave Bituminous Concrete Wearing Surface Layer, Leveling, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D

Item No.	Quantity	Units	Description
424B651	1,300	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B655	100	Ton	Superpave Bituminous Concrete Upper Binder Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B659	5,470	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B662	80	Ton	Superpave Bituminous Concrete Upper Binder Layer, Widening, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B681	4,939	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B685	100	Ton	Superpave Bituminous Concrete Lower Binder Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range C/D
430B040	250	Ton	Aggregate Surfacing (Crushed Aggregate Base, Type B)
530A002	57	LF	24" Roadway Pipe (Class 3 R.C.)
530A003	232	LF	30" Roadway Pipe (Class 3 R.C.)
530A004	67	LF	36" Roadway Pipe (Class 3 R.C.)
530B001	270	LF	22" Span, 14" Rise Roadway Pipe (Class 3 R.C.)
530B003	31	LF	36" Span, 23" Rise Roadway Pipe (Class 3 R.C.)
533A098	449	LF	18" Storm Sewer Pipe (Class 3 R.C.)
533A100	640	LF	30" Storm Sewer Pipe (Class 3 R.C.)
533A101	1,627	LF	36" Storm Sewer Pipe (Class 3 R.C.)
533A349	38	LF	24" Storm Sewer Pipe (Class 3 R.C.) (Extension)
533B102	116	LF	51" Span, 31" Rise Storm Sewer Pipe (Class 3 R.C.)
535B050	440	LF	29" Span, 18" Rise Side Drain Pipe
535B088	90	LF	22" Span, 14" Rise Side Drain Pipe (Class 3 R.C.)
600A000	1	LS	Mobilization
610D003	2,550	SQYD	Filter Blanket, Geotextile
610E000	632	SQYD	Tied Concrete Block Mat
614A000	800	CUYD	Slope Paving
618A000	51	SQYD	Concrete Sidewalk, 4" Thick
619A002	2	Each	18" Roadway Pipe End Treatment, Class 1
619B018	1	Each	36" Span, 23" Rise Roadway Pipe End Treatment, Class 1
619B070	1	Each	51" Span, 31" Rise Roadway Pipe End Treatment, Class 2
619B266	1	Each	22" Span, 14" Rise Roadway Pipe End Treatment, Class 1 (Double Line)
619B281	1	Each	22" Span, 14" Rise Roadway Pipe End Treatment, Class 2 (Double Line)
619B339	2	Each	29" Span, 18" Rise Side Drain Pipe End Treatment, Class 1 (Double Line)
619B347	2	Each	29" Span, 18" Rise Side Drain Pipe End Treatment, Class 2 (Double Line)
619B396	2	Each	22" Span, 14" Rise Side Drain Pipe End Treatment, Class 1 (Double Line)
620A000	5	CUYD	Minor Structure Concrete
621A006	1	Each	Junction Boxes, Type 1P
621A009	1	Each	Junction Boxes, Type 2P
621A011	1	Each	Junction Boxes, Type 1 Or 1P
621A019	13	Each	Junction Boxes, Type 1 Or 2P
621B009	1	Each	Junction Box Units, Type 2P
621B014	19	Each	Junction Box Units, Type 1 Or 2P
621C001	1	Each	Inlets, Type B
621C020	1	Each	Inlets, Type Y
621C027	11	Each	Inlets, Type C
621D002	4	Each	Inlet Units, Type C
623B000	41	LF	Concrete Curb, Type N
623C000	21	LF	Combination Curb & Gutter, Type C
629A095	358	LF	Concrete Median or Safety Barrier, Type CSF-42
629C002	2	Each	Concrete Median Or Safety Barrier End Section (Type TES)
629E018	1,196	LF	Bridge Rail Retrofit, Type BC(CSF)
630A001	51	LF	Steel Beam Guardrail, Class A, Type 2
630C003	2	Each	Guardrail End Anchor, Type 13

Item No.	Quantity	Units	Description
630C080	2	Each	Guardrail End Anchor, Type 20 Series (MASH)
641A752	436	LF	12 Inch P.V.C. Water Main Laid
641C500	1,470	LB	Ductile Iron Fittings
641L500	2	CUYD	Concrete for Water Mains (Thrust Blocks)
641M512	4	Each	6 Inch Retainer Gland
641M518	14	Each	12 Inch Retainer Gland
641O514	1	Each	6 Inch x 6 Inch Tapping Valve And Sleeve
641O554	1	Each	12 Inch x 12 Inch Tapping Valve And Sleeve
641T510	2	Each	6 Inch Line Stop
646A810	1,861	LF	2 Inch Steel Gas Main Laid
646A825	366	LF	6 Inch Steel Gas Main Laid
646C585	15	Each	2 Inch Steel Fitting
646C600	9	Each	6 Inch Steel Fitting
646D625	2	Each	2 Inch Steel Valve With Box
646D635	2	Each	6 Inch Steel Valve With Box
646G500	7	Each	2 Inch Steel Line Stopper
646G515	2	Each	6 Inch Steel Line Stopper
649A635	76	LF	12 Inch Steel Encasement Pipe, Type 2 Installation
649A660	165	LF	24 Inch Steel Encasement Pipe, Type 2 Installation
650A000	6,542	CUYD	Topsoil
652A100	8	Acre	Seeding
652C000	22	Acre	Mowing
654A001	17,668	SQYD	Solid Sodding (Bermuda)
656A010	11	Acre	Mulching
659C001	3,047	SQYD	Erosion Control Product, Type S3
659C008	934	SQYD	Erosion Control Product, Type C10
665A000	22	Acre	Temporary Seeding
665B001	66	Ton	Temporary Mulching
665E000	500	SQYD	Polyethylene
665F000	500	Each	Hay Bales
665G000	2,800	Each	Sand Bags
665J002	15,864	LF	Silt Fence
665K000	100	CUYD	Drainage Sump Excavation
665N000	625	Ton	Temporary Coarse Aggregate,ALDOT Number 1
665N001	100	Ton	Temporary Coarse Aggregate,ALDOT Number 4
665O001	15,864	LF	Silt Fence Removal
665P005	26	Each	Inlet Protection, Stage 3 Or 4
665Q002	3,069	LF	Wattle
666A001	11	Acre	Pest Control Treatment
674A000	500	LF	Construction Safety Fence
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 464,915.00)
701A227	5	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A228	1	Mile	Solid White, Class 2, Type A Traffic Stripe (6" Wide)
701A230	3	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701A239	2	Mile	Broken White, Class 2, Type A Traffic Stripe (5" Wide)
701B207	6,253	LF	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C000	3	Mile	Broken Temporary Traffic Stripe
701C001	12	Mile	Solid Temporary Traffic Stripe
701D007	4	Mile	Solid Traffic Stripe Removed (Paint)
701D008	5	Mile	Solid Traffic Stripe Removed (Plastic)
701D014	1	Mile	Broken Traffic Stripe Removed (Paint)
701D015	2	Mile	Broken Traffic Stripe Removed (Plastic)
701F000	1,913	LF	Dotted Temporary Traffic Stripe
701G142	997	LF	Broken White, Class W, Type A Traffic Stripe (5" Wide)

Item No.	Quantity	Units	Description
701G146	1,124	LF	Solid White, Class W, Type A Traffic Stripe (5"Wide)
701G154	707	LF	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
703A002	2,745	SQFT	Traffic Control Markings, Class 2, Type A
703A011	93	SQFT	Traffic Control Markings, Class W, Type A
703B002	688	SQFT	Traffic Control Legends, Class 2, Type A
703B011	71	SQFT	Traffic Control Legends, Class W, Type A
703C000	382	SQFT	Removal Of Existing Traffic Control Markings Or Legends (Paint)
703D001	2,838	SQFT	Temporary Traffic Control Markings
703H000	256	SQFT	Specialty Traffic Control Markings
705A011	700	Each	Pavement Markers, Class C, Type 1-A
705A023	60	Each	Pavement Markers, Class C, Type 2-D
705A030	915	Each	Pavement Markers, Class A-H, Type 2-C
705A031	116	Each	Pavement Markers, Class A-H, Type 1-A
705A037	87	Each	Pavement Markers, Class A-H, Type 2-D
705A038	60	Each	Pavement Markers, Class A-H, Type 2-E
710A006	18	SQFT	Aluminum Flat Sign Panels (Special)
710A115	218	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type III Or Type IV Background)
710A126	225	SQFT	Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type IX Background)
710A141	483	SQFT	Class 6, Aluminum Flat Sign Panels 0.125" Thick Or Steel Flat Sign Panels 12 Gauge (Type III Background)
710B011	87	LF	Roadway Sign Post (W6 x 12 Steel Beam)
710B014	119	LF	Roadway Sign Post (W10 x 26 Steel Beam)
710B021	819	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2 ", 14 Ga Square Tubular Steel)
711A001	1	LS	Roadway Sign Relocation
720A020	2	Each	Vehicular Impact Attenuator Assembly (Unidirectional,TL-2)
726A000	2,200	LF	Portable Concrete Safety Barriers, Type 6
726A001	120	LF	Portable Concrete Safety Barriers, Type 6-A
726D000	12	Each	Portable Impact Attenuator (Unidirectional, TL-2)
730A000	1	LS	Removal Of Existing Traffic Control Unit (I-10 West Bound Off Ramp)
730A001	1	LS	Removal Of Existing Traffic Control Unit (I-10 East Bound Off Ramp)
730A002	1	LS	Removal Of Existing Traffic Control Unit (SR-181 at SR-16 (US-90)
730A003	1	LS	Removal Of Existing Traffic Control Unit (SR-181 at Dimitrios)
730C000	1	LS	Furnishing And Installing Traffic Control Unit (I-10 West Bound Off Ramp)
730C001	1	LS	Furnishing And Installing Traffic Control Unit (SR-181 at SR-16 (US-90)
730C002	1	LS	Furnishing And Installing Traffic Control Unit (SR-181 at Dimitrios)
730C003	1	LS	Furnishing And Installing Traffic Control Unit (SR-181 at Sawwood)
730E000	15	Each	Metal Traffic Signal Pole Foundation
730F000	2	Each	Metal Traffic Signal Pole With 45' Mast Arm Assembly
730F001	2	Each	Metal Traffic Signal Pole With 50' Mast Arm Assembly
730F002	2	Each	Metal Traffic Signal Pole With 55' Mast Arm Assembly
730F003	5	Each	Metal Traffic Signal Pole With 60' Mast Arm Assembly
730F004	4	Each	Metal Traffic Signal Pole With 65' Mast Arm Assembly
730H001	288	LF	Loop Wire
730I001	150	LF	Loop Detector Lead-In-Cable
730J010	3	Each	Vehicle Loop Detector
730K000	24	Each	Traffic Signal Junction Box
730L002	620	LF	1", Metallic, Conduit
730L003	1,337	LF	1", Non-Metallic, Conduit
730L004	240	LF	2", Metallic, Conduit
730L005	1,230	LF	2", Non-Metallic, Conduit
730N000	13	Each	Luminaire Extension Assembly, 12'
730P022	38	Each	Vehicular Signal Head, 12 Inch, 3 Section, Type LED
730P023	11	Each	Vehicular Signal Head, 12 Inch, 4 Section, Type LED

Item No.	Quantity	Units	Description
730R022	3	Each	Controller Assembly, Type III, 8 Phase
730U400	1	LS	Radar Detection System (SR-181 at SR-16 (US-90)
730U401	1	LS	Radar Detection System (SR-181 at Dimitrios Avenue and Urgent Care Boulevard)
730U402	1	LS	Radar Detection System (I-10 West Bound Off Ramp)
730Y600	1	LS	Furnishing And Installing Pedestal Pole And Foundation With LED Pedestrian Signal Head
730Y601	1	LS	Furnishing And Installing Pedestal Pole And Foundation With LED Pedestrian Signal Head
740B000	1,705	SQFT	Construction Signs
740D000	500	Each	Channelizing Drums
740E000	100	Each	Cones (36 Inches High)
740F002	9	Each	Barricades, Type III
740I002	5	Each	Warning Lights, Type B
740M001	100	Each	Ballast For Cone
741C010	2	Each	Portable Sequential Arrow And Chevron Sign Unit
742A001	2	Each	Portable Changeable Message Sign, Type 2
742A003	2	Each	Portable Changeable Message Sign, Type 3
745A000	2,000	HOUR	Uniformed Police Officer
750A266	4	Each	High Mast Luminaire Assembly with Eight, LED, 400 Watt Equivalent Luminaires
750B571	4	Each	Roadway Luminaire Assembly with One, LED Low Profile Underpass Pendant, 150 Watt Luminaire
750C011	4	Each	Pole Foundation, High Mast
750D200	6	Each	Electrical Junction Box, Type 1
750D201	3	Each	Electrical Junction Box, Type 2
750E113	50	LF	Conduit, 1 1/4 Inch, Rigid Nonmetallic
750E123	400	LF	Conduit, 3/4 Inch, Rigid Metallic
750E125	450	LF	Conduit, 1 1/4 Inch, Rigid Metallic
750F022	1,200	LF	Conductor, #10 AWG
750F024	1,300	LF	Conductor, #6 AWG
750F026	100	LF	Conductor, #2 AWG
750G010	2,160	LF	Combined Duct And Cable, 2 #6 AWG/ 1 #6 AWG GND
750H005	1	Each	Service Pole
750I015	1	Each	Lighting Control Center
756A022	95	LF	4" Electrical Conduit, 1 Line, Type 5 Installation
756A028	1,100	LF	6" Electrical Conduit, 1 Line, Type 5 Installation
756A057	500	LF	8" Electrical Conduit, 1 Line, Type 5 Installation
757A001	6	Each	Portable Traffic Signal, Type 2
999 000	1,240	HOUR	Trainee Hours At 80 Cents Per Hour
401A000	AA1	19,375	SQYD Bituminous Treatment A
424C360	AA1	3,150	Ton Superpave Bituminous Concrete Base Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
301A012	AA2	20,581	SQYD Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
401A000	AA2	20,581	SQYD Bituminous Treatment A