

**Alabama Department of Transportation
Proposal Item Summary**

040. STPMB-7550(601)

MOBILE COUNTY

Contract Time: 300 Working Days

DBE Goal Percent: 8.00

for constructing the Additional Lanes (Grading, Drainage, Pavement, Traffic Signals, and Traffic Stripe) on CR-656 (Zeigler Boulevard) from the intersection of CR-372 (Schillinger Road) to the intersection of CR-429 (Cody Road) west of Mobile. Length 1.433 mi.

The Bracket Estimate on this project is from \$8,706,751 to \$10,641,584.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$100.00 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 16 Acres)
206C002	912	SQYD	Removing Concrete Slope Paving
206C010	156	SQYD	Removing Concrete Driveway
206D000	1,815	LF	Removing Pipe
206D002	3,393	LF	Removing Curb
206D003	2,094	LF	Removing Curb And Gutter
206D011	368	LF	Removing Fence
206D030	4,371	LF	Removing Utility Lines
206E000	31	Each	Removing Headwalls
206E001	5	Each	Removing Inlets
206E002	1	Each	Removing Junction Boxes
206E003	8	Each	Removing Manholes
206E039	5	Each	Removing Mailboxes (Including Reset With a New 2 Inch Metal Or 4 Inch Timber Post)
206E046	6	Each	Removing Light Standard Base
210C000	3,284	CUYD	Muck Excavation
210D025	11,603	CUYD	Borrow Excavation (Improved Roadbed)
210D101	88	CUYD	Borrow Excavation (Sand Fill, Complete In Place)
210E000	4,379	CUYD	Borrow Excavation (Underwater Backfill)
210F002	110	Ton	Borrow Excavation (Underwater Backfill) (ALDOT #57)
214A000	4,066	CUYD	Structure Excavation
214B000	207	CUYD	Foundation Backfill, Local
214B001	2,444	CUYD	Foundation Backfill, Commercial
214B002	200	CUYD	Foundation Backfill, Commercial (#57 Stone)
230A000	61	RBST	Roadbed Processing
243A034	17,016	SQYD	Geosynthetic Reinforcement For Soft Soil Stabilization, Type 2
260A002	6	CUYD	Cement Mortar Flowable Backfill, Mix 3
260A003	23	CUYD	Cement Mortar Flowable Backfill, Mix 4
405A000	582	Gal	Tack Coat
407B000	6	Mile	Joint Sealant For Hot Mix Asphalt Pavement
408A052	1,313	SQYD	Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)
410H000	1	Each	Material Remixing Device
424A360	4,184	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424A369	182	Ton	Superpave Bituminous Concrete Wearing Surface Layer, Widening, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B650	5,500	Ton	Superpave Bituminous Concrete Upper Binder Layer, 3/4" 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

Item No.	Quantity	Units	Description
424B657	348	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B680	5,409	Ton	Superpave Bituminous Concrete Lower Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
430B040	1,500	Ton	Aggregate Surfacing (Crushed Aggregate Base, Type B)
502A000	23,826	LB	Steel Reinforcement
524B011	152	CUYD	Culvert Concrete Extension (Cast In Place)
530A001	159	LF	18" Roadway Pipe (Class 3 R.C.)
530A002	33	LF	24" Roadway Pipe (Class 3 R.C.)
530B001	10	LF	22" Span, 14" Rise Roadway Pipe (Class 3 R.C.)
530B002	125	LF	29" Span, 18" Rise Roadway Pipe (Class 3 R.C.)
530B012	3	LF	22" Span, 14" Rise Roadway Pipe (Class 3 R.C.) (Extension)
533A098	2,004	LF	18" Storm Sewer Pipe (Class 3 R.C.)
533A099	350	LF	24" Storm Sewer Pipe (Class 3 R.C.)
533A100	227	LF	30" Storm Sewer Pipe (Class 3 R.C.)
533A101	25	LF	36" Storm Sewer Pipe (Class 3 R.C.)
533A103	450	LF	48" Storm Sewer Pipe (Class 3 R.C.)
533A348	22	LF	18" Storm Sewer Pipe (Class 3 R.C.) (Extension)
533B098	317	LF	22" Span, 14" Rise Storm Sewer Pipe (Class 3 R.C.)
533B099	759	LF	29" Span, 18" Rise Storm Sewer Pipe (Class 3 R.C.)
534F000	39	LF	Cleaning Existing Culvert (Greater Than 48" Horizontal Opening)
535A080	155	LF	18" Side Drain Pipe (Class 3 R.C.)
535A085	68	LF	24" Side Drain Pipe (Class 3 R.C.)
535B088	407	LF	22" Span, 14" Rise Side Drain Pipe (Class 3 R.C.)
535B091	260	LF	29" Span, 18" Rise Side Drain Pipe (Class 3 R.C.)
600A000	1	LS	Mobilization
602A000	42	Each	Right Of Way Markers
606A012	500	LF	6" Underdrain Pipe, Type 8
608A000	732	SQYD	Separation Geotextile
610C001	492	Ton	Loose Riprap, Class 2
610D003	2,286	SQYD	Filter Blanket, Geotextile
614A000	255	CUYD	Slope Paving
618A000	5,326	SQYD	Concrete Sidewalk, 4" Thick
618B003	56	SQYD	Concrete Driveway, 6" Thick (Includes Wire Mesh)
619A002	30	Each	18" Roadway Pipe End Treatment, Class 1
619A003	3	Each	24" Roadway Pipe End Treatment, Class 1
619A007	4	Each	48" Roadway Pipe End Treatment, Class 1
619A054	1	Each	30" Roadway Pipe End Treatment, Class 2
619A055	1	Each	36" Roadway Pipe End Treatment, Class 2
619A101	4	Each	18" Side Drain Pipe End Treatment, Class 1
619A102	2	Each	24" Side Drain Pipe End Treatment, Class 1
619B016	2	Each	22" Span, 14" Rise Roadway Pipe End Treatment, Class 1
619B017	4	Each	29" Span, 18" Rise Roadway Pipe End Treatment, Class 1
619B067	3	Each	29" Span, 18" Rise Roadway Pipe End Treatment, Class 2
619B116	10	Each	22" Span, 14" Rise Side Drain Pipe End Treatment, Class 1
619B117	10	Each	29" Span, 18" Rise Side Drain Pipe End Treatment, Class 1
619B396	2	Each	22" Span, 14" Rise Side Drain Pipe End Treatment, Class 1 (Double Line)
620A000	2	CUYD	Minor Structure Concrete
621A022	7	Each	Junction Boxes, Type 1 (Modified)
621B034	7	Each	Junction Box Units, Type 1 (Modified)
621C015	49	Each	Inlets, Type S1 Or S3 (1 Wing)
621C017	8	Each	Inlets, Type S1 Or S3 (2 Wing)
621C109	5	Each	Inlets, Type PD
621C110	2	Each	Inlets, Type PD-6
621D015	8	Each	Inlet Units, Type S1 Or S3

Item No.	Quantity	Units	Description
621E004	2	Each	Manholes, Type L Or M (Storm)
623A000	662	LF	Concrete Gutter
623A001	109	LF	Concrete Gutter (Valley)
623B000	1,738	LF	Concrete Curb, Type N
623B001	57	LF	Concrete Curb, Type N Special
623C000	12,072	LF	Combination Curb & Gutter, Type C
630A001	213	LF	Steel Beam Guardrail, Class A, Type 2
630C001	2	Each	Guardrail End Anchor, Type 8
630C080	2	Each	Guardrail End Anchor, Type 20 Series (MASH)
637A001	70	LF	Fence Reset (Includes All Types)
641A514	10	LF	1 Inch Copper Water Service Line Laid
641A614	985	LF	8 Inch Ductile Iron Water Main Laid
641A618	782	LF	12 Inch Ductile Iron Water Main Laid
641A622	2,104	LF	16 Inch Ductile Iron Water Main Laid
641C500	13,500	LB	Ductile Iron Fittings
641D500	5	Each	Fire Hydrant
641F500	12	LF	Fire Hydrant Extension
641J518	4	Each	8 Inch Gate Valve With Box
641J522	2	Each	12 Inch Gate Valve With Box
641J526	2	Each	16 Inch Gate Valve With Box
641L500	34	CUYD	Concrete for Water Mains (Thrust Blocks)
641N540	3	Each	12 Inch x 6 Inch Anchor Tee
641N560	2	Each	16 Inch x 6 Inch Anchor Tee
641O520	6	Each	8 Inch x 8 Inch Tapping Valve And Sleeve
641O554	2	Each	12 Inch x 12 Inch Tapping Valve And Sleeve
641O596	2	Each	16 Inch x 16 Inch Tapping Valve And Sleeve
641P520	1	Each	1 Inch Service Tap
641R515	1	Each	1 Inch Water Meter And Box Reset
641S500	2	Each	Valve Box Reset
641T516	3	Each	12 Inch Line Stop
641T520	3	Each	16 Inch Line Stop
645A510	637	LF	8 Inch Ductile Iron Sanitary Sewer Gravity Pipe Laid
645A512	942	LF	10 Inch Ductile Iron Sanitary Sewer Gravity Pipe Laid
645H510	6	Each	48 Inch Manhole
645H710	8	Each	48 Inch Manhole (Dog House)
645I500	25	Each	48 Inch Manhole Unit
645N500	3	Each	Abandon Existing Manhole
649A645	326	LF	16 Inch Steel Encasement Pipe, Type 2 Installation
649A655	285	LF	20 Inch Steel Encasement Pipe, Type 2 Installation
649A665	120	LF	30 Inch Steel Encasement Pipe, Type 2 Installation
650A000	4,162	CUYD	Topsoil
652C000	14	Acre	Mowing
654A001	38,990	SQYD	Solid Sodding (Bermuda)
660D047	33	Each	Trees, Lagerstroemia Indica (Crepe Myrtle, White)
660D048	33	Each	Trees, Lagerstroemia Indica (Pink Crepe Myrtle)
660D095	7	Each	Trees, Quercus Virginiana (Live Oak)
665A000	5	Acre	Temporary Seeding
665B001	45	Ton	Temporary Mulching
665C010	600	LF	Temporary Pipe
665E000	10,000	SQYD	Polyethylene
665F000	500	Each	Hay Bales
665G000	840	Each	Sand Bags
665I000	500	Ton	Temporary Riprap, Class 2
665J002	10,817	LF	Silt Fence
665K000	550	CUYD	Drainage Sump Excavation

Item No.	Quantity	Units	Description
665N000	592	Ton	Temporary Coarse Aggregate,ALDOT Number 1
665N001	70	Ton	Temporary Coarse Aggregate,ALDOT Number 4
665O001	10,817	LF	Silt Fence Removal
665P005	77	Each	Inlet Protection, Stage 3 Or 4
665Q002	1,270	LF	Wattle
666A001	14	Acre	Pest Control Treatment
672C100	432	Each	Flocculant Application, Ditch Check
672C103	231	Each	Flocculant Application, Inlet Protection
674A000	1,000	LF	Construction Safety Fence
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 780,000.00)
701A227	6	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	3	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701A231	1	Mile	Solid White, Class 2, Type A Traffic Stripe
701A239	2	Mile	Broken White, Class 2, Type A Traffic Stripe (5" Wide)
701A244	2	Mile	Broken Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701B063	1,262	LF	Dotted, Class 2, Type A Traffic Stripe(Lane Drop 10" Wide)
701B207	357	LF	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C002	4	Mile	Broken Temporary Traffic Stripe (Paint)
701C003	28	Mile	Solid Temporary Traffic Stripe (Paint)
701D007	28	Mile	Solid Traffic Stripe Removed (Paint)
701D014	4	Mile	Broken Traffic Stripe Removed (Paint)
703A002	2,793	SQFT	Traffic Control Markings, Class 2, Type A
703B002	398	SQFT	Traffic Control Legends, Class 2, Type A
703D002	2,793	SQFT	Temporary Traffic Control Markings (Paint)
703H000	277	SQFT	Specialty Traffic Control Markings
705A023	583	Each	Pavement Markers, Class C, Type 2-D
705A030	48	Each	Pavement Markers, Class A-H, Type 2-C
705A031	125	Each	Pavement Markers, Class A-H, Type 1-A
705A032	138	Each	Pavement Markers, Class A-H, Type 1-B
705A037	845	Each	Pavement Markers, Class A-H, Type 2-D
705A038	69	Each	Pavement Markers, Class A-H, Type 2-E
710A150	68	SQFT	Class 9, Aluminum Flat Sign Panels 0.08" Thick (Type XI Background)
710A170	284	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background)
710B021	645	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2", 14 Ga Square Tubular Steel)
711A000	1	LS	Roadway Sign Relocation
726A000	160	LF	Portable Concrete Safety Barriers, Type 6
726A001	40	LF	Portable Concrete Safety Barriers, Type 6-A
726D020	4	Each	Portable Impact Attenuator Assembly (Unidirectional,TL-2)
730A000	1	LS	Removal Of Existing Traffic Control Unit (Zeigler Boulevard at Cody Road)
730A012	1	LS	Removal Of Existing Traffic Control Unit (Partial) (Zeigler Boulevard at Schillinger Road)
730C000	1	LS	Furnishing And Installing Traffic Control Unit (Zeigler Boulevard at Schillinger Road)
730C001	1	LS	Furnishing And Installing Traffic Control Unit (Zeigler Boulevard at Cody Road)
730E000	3	Each	Metal Traffic Signal Pole Foundation
730F000	2	Each	Metal Traffic Signal Pole With 65' Mast Arms
730G001	1	Each	Metal Traffic Signal Strain Pole
730K000	5	Each	Traffic Signal Junction Box
730L003	150	LF	1", Non-Metallic, Conduit
730L005	115	LF	2", Non-Metallic, Conduit
730N000	3	Each	Luminaire Extension Assembly, 12'
730P022	9	Each	Vehicular Signal Head, 12 Inch, 3 Section, Type LED
730P023	4	Each	Vehicular Signal Head, 12 Inch, 4 Section, Type LED
730P024	2	Each	Vehicular Signal Head, 12 Inch, 5 Section, Type LED
730R022	1	Each	Controller Assembly, Type III, 8 Phase
730U015	1	LS	Video Detection System (Zeigler Boulevard at Schillinger Road)

Item No.	Quantity	Units	Description
730U016	1	LS	Video Detection System (Zeigler Boulevard at Cody Road)
740B000	998	SQFT	Construction Signs
740D000	916	Each	Channelizing Drums
740E000	100	Each	Cones (36 Inches High)
740F002	12	Each	Barricades, Type III
740I002	6	Each	Warning Lights, Type B
740M001	100	Each	Ballast For Cone
741C010	2	Each	Portable Sequential Arrow And Chevron Sign Unit
742A001	4	Each	Portable Changeable Message Sign, Type 2
745A000	500	HOUR	Uniformed Police Officer
747C001	2	Each	Portable Radar Speed Display Sign
756A022	140	LF	4" Electrical Conduit, 1 Line, Type 5 Installation
999 000	2,800	HOUR	Trainee Hours At 80 Cents Per Hour
210A000	AA1	37,743	CUYD Unclassified Excavation
210D012	AA1	15,343	CUYD Borrow Excavation (A-2-4(0) Or A-4(0))
301A012	AA1	53,589	SQYD Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
401A000	AA1	1,000	SQYD Bituminous Treatment A
210A000	AA2	34,005	CUYD Unclassified Excavation
210D012	AA2	13,455	CUYD Borrow Excavation (A-2-4(0) Or A-4(0))
301A012	AA2	1,000	SQYD Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
401A000	AA2	48,521	SQYD Bituminous Treatment A
424C360	AA2	8,681	Ton Superpave Bituminous Concrete Base Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D