

**Alabama Department of Transportation
Proposal Item Summary**

028. RAED-046-303-001

MARENGO COUNTY

Contract Time: 550 Working Days

DBE Goal Percent: 3.00

for constructing the Grading, Drainage, Pavement, and Bridge on SR-303 (Linden Bypass) from the junction of SR-28 to the junction of SR-69 which is 1.500 miles north of the junction of SR-13 (US-43) northeast of Providence. Length 4.690 mi.

The Bracket Estimate on this project is from \$75,461,968 to \$92,231,294.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$206.00 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 128 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 2472+34.000
206B000	1	LS	Removal Of Old Box Culvert, Station 2596+51.000
206B001	1	LS	Removal Of Old Box Culvert, Station 2604+84.000
206B002	1	LS	Removal Of Old Box Culvert, Station 2584+54.000
206C000	13	SQYD	Removing Concrete Sidewalk
206D000	408	LF	Removing Pipe
206D011	5,964	LF	Removing Fence
206D030	2,802	LF	Removing Utility Lines
206E032	2	Each	Removing Type III Barricades
209A000	12	Each	Mailbox Reset, Single
210A000	1,373,273	CUYD	Unclassified Excavation
210D013	960,764	CUYD	Borrow Excavation (A-4(0) or Better)
210D101	803	CUYD	Borrow Excavation (Sand Fill, Complete In Place)
210E001	54,519	CUYD	Borrow Excavation (Underwater Embankment)
210F002	631	Ton	Borrow Excavation (Underwater Backfill) (ALDOT #57)
214A000	11,363	CUYD	Structure Excavation
214B001	3,898	CUYD	Foundation Backfill, Commercial
230A000	890	RBST	Roadbed Processing
240A000	12	Each	Settlement Plate Assembly
260A000	2	CUYD	Cement Mortar Flowable Backfill, Mix 1
408A052	7,339	SQYD	Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)
410H000	1	Each	Material Remixing Device
410I000	1	Each	Smoothness Testing, Certified Inertial Profiler
424B655	50	Ton	Superpave Bituminous Concrete Upper Binder Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B659	60	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 1" Maximum Aggregate Size Mix, ESAL Range C/D
430B043	94	Ton	Aggregate Surfacing (1" Down, Crusher Run)
450B000	1,374	SQYD	Reinforced Cement Concrete Bridge End Slab
502A000	298,339	LB	Steel Reinforcement

Item No.	Quantity	Units	Description
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, SBL Station 2448+00.000, Approximately 229,000 Pounds
502B001	1	LS	Steel Reinforcement For Bridge Superstructure, NBL Station 2447+85.000, Approximately 229,000 Pounds
502B002	1	LS	Steel Reinforcement For Bridge Superstructure, SBL Station 2472+34.000, Approximately 88,700 Pounds
502B003	1	LS	Steel Reinforcement For Bridge Superstructure, NBL Station 2471+82.000, Approximately 88,700 Pounds
502B004	1	LS	Steel Reinforcement For Bridge Superstructure, SBL Station 2566+77.000, Approximately 153,200 Pounds
502B005	1	LS	Steel Reinforcement For Bridge Superstructure, NBL Station 2565+95.000, Approximately 102,500 Pounds
505A002	3	Each	Steel Test Piles (HP 12x53)
505A051	2	Each	Steel Test Piles (24" Diameter) (Steel Pipe Pile)
505A052	1	Each	Steel Test Piles (20" Diameter) (Steel Pipe Pile)
505B057	3	Each	Static Loading Tests (HP 12x53)
505B228	1	Each	Static Loading Tests (20" Diameter) (Steel Pipe Pile)
505B229	2	Each	Static Loading Tests (24" Diameter) (Steel Pipe Pile)
505B333	3	Each	Dynamic Loading Tests (HP12X53)(Driving)
505B433	6	Each	Dynamic Loading Tests (HP12X53)(Restrike)
505B520	1	Each	Dynamic Loading Tests (20" Diameter) (Steel Pipe Pile) (Driving)
505B524	2	Each	Dynamic Loading Tests (24" Diameter) (Steel Pipe Pile) (Driving)
505B620	2	Each	Dynamic Loading Tests (20" Diameter) (Steel Pipe Pile) (Restrike)
505B624	4	Each	Dynamic Loading Tests (24" Diameter) (Steel Pipe Pile) (Restrike)
505I000	6,000	SQFT	Temporary Steel Sheet Piling
505M002	7,566	LF	Steel Piling Furnished And Driven (HP 12x53)
505M228	2,358	LF	Steel Piling Furnished and Driven (20" Diameter with 0.5" Wall Thickness) (Steel Pipe Pile) (Galvanized)
505M229	5,903	LF	Steel Piling Furnished and Driven (24" Diameter with 0.625" Wall Thickness) (Steel Pipe Pile) (Galvanized)
508A000	50,909	LB	Structural Steel
510A007	1,002	CUYD	Bridge Substructure Concrete
510C051	1	LS	Bridge Concrete Superstructure, SBL Station 2448+00.000, Approximately 998 Cubic Yards
510C052	1	LS	Bridge Concrete Superstructure, NBL Station 2447+85.000, Approximately 998 Cubic Yards
510C053	1	LS	Bridge Concrete Superstructure, SBL Station 2472+34.000, Approximately 373 Cubic Yards
510C054	1	LS	Bridge Concrete Superstructure, NBL Station 2471+82.000, Approximately 373 Cubic Yards
510C055	1	LS	Bridge Concrete Superstructure, SBL Station 2566+77.000, Approximately 603 Cubic Yards
510C056	1	LS	Bridge Concrete Superstructure, NBL Station 2565+95.000, Approximately 402 Cubic Yards
510E000	11,480	SQYD	Grooving Concrete Bridge Decks
511A052	140	Each	Elastomeric Bearing Type 2 (Mark B3)
511A065	140	Each	Elastomeric Bearing Type 2 (Mark B5)
513B005	5,512	LF	Pretensioned-Prestressed Concrete Girders, Type III (Specialty Item)
513B031	8,674	LF	Pretensioned-Prestressed Concrete Girders, Type BT-63 Modified (Specialty Item)
524A011	767	CUYD	Culvert Concrete (Cast In Place)
530A001	76	LF	18" Roadway Pipe (Class 3 R.C.)
530A002	3,883	LF	24" Roadway Pipe (Class 3 R.C.)
530A008	207	LF	60" Roadway Pipe (Class 3 R.C.)
530A013	940	LF	24" Roadway Pipe (Class 4 R.C.)
530A026	646	LF	36" Roadway Pipe (Class 5 R.C.)
530A028	844	LF	48" Roadway Pipe (Class 5 R.C.)
530A032	332	LF	72" Roadway Pipe (Class 5 R.C.)
530A800	149	LF	15" Roadway Pipe (14 Gauge C.C.S.) (Stack Pipe)(No Bedding Required)
530B003	47	LF	36" Span, 23" Rise Roadway Pipe (Class 3 R.C.)
533A098	324	LF	18" Storm Sewer Pipe (Class 3 R.C.)
535A001	698	LF	18" Side Drain Pipe
535A002	136	LF	24" Side Drain Pipe

Item No.	Quantity	Units	Description
535A003	91	LF	30" Side Drain Pipe
535A240	84	LF	12" Side Drain Pipe (PVC)
600A000	1	LS	Mobilization
602A000	77	Each	Right Of Way Markers
605A001	60,714	LF	Pavement Edge Drain
605B000	122	Each	Special Underdrain Outlet, Type A
608A000	7,057	SQYD	Separation Geotextile
610C001	21,337	Ton	Loose Riprap, Class 2
610D003	29,142	SQYD	Filter Blanket, Geotextile
614A000	160	CUYD	Slope Paving
619A002	1	Each	18" Roadway Pipe End Treatment, Class 1
619A003	40	Each	24" Roadway Pipe End Treatment, Class 1
619A005	4	Each	36" Roadway Pipe End Treatment, Class 1
619A007	6	Each	48" Roadway Pipe End Treatment, Class 1
619A009	2	Each	60" Roadway Pipe End Treatment, Class 1
619A061	2	Each	72" Roadway Pipe End Treatment, Class 2
619A101	23	Each	18" Side Drain Pipe End Treatment, Class 1
619A102	6	Each	24" Side Drain Pipe End Treatment, Class 1
619A103	4	Each	30" Side Drain Pipe End Treatment, Class 1
619B018	2	Each	36" Span, 23" Rise Roadway Pipe End Treatment, Class 1
620A000	1	CUYD	Minor Structure Concrete
621A003	10	Each	Junction Boxes, Type 4 Or 1P
621A011	7	Each	Junction Boxes, Type 1 Or 1P
621B003	5	Each	Junction Box Units, Type 4 Or 1P
621B011	2	Each	Junction Box Units, Type 1 Or 1P
621C020	45	Each	Inlets, Type Y
621D019	56	Each	Inlet Units, Type Y
621I001	1	Each	Stilling Basins, Type 1
630A001	956	LF	Steel Beam Guardrail, Class A, Type 2
630C079	12	Each	Guardrail End Anchor, Type 13 (MASH)
630C080	12	Each	Guardrail End Anchor, Type 20 Series (MASH)
636A000	8,141	LF	Barbed Wire Fence, 4 Strands, 4 Feet High
641A414	1,219	LF	1 Inch PEX Water Service Line Laid
641A682	761	LF	6 Inch Ductile Iron Water Main Laid (Restrained Joint)
641A688	224	LF	12 Inch Ductile Iron Water Main Laid (Restrained Joint)
641A742	478	LF	3 Inch P.V.C. Water Main Laid
641A746	2,849	LF	6 Inch P.V.C. Water Main Laid
641A752	183	LF	12 Inch P.V.C. Water Main Laid
641C500	6,470	LB	Ductile Iron Fittings
641D500	3	Each	Fire Hydrant
641G500	1	Each	Flush Hydrant
641J512	2	Each	3 Inch Gate Valve With Box
641J516	9	Each	6 Inch Gate Valve With Box
641L500	24	CUYD	Concrete for Water Mains (Thrust Blocks)
641M508	23	Each	3 Inch Retainer Gland
641M512	138	Each	6 Inch Retainer Gland
641M518	20	Each	12 Inch Retainer Gland
641N510	3	Each	6 Inch x 6 Inch Anchor Tee
641O514	6	Each	6 Inch x 6 Inch Tapping Valve And Sleeve
641O554	2	Each	12 Inch x 12 Inch Tapping Valve And Sleeve
641P520	22	Each	1 Inch Service Tap
641R510	22	Each	3/4 Inch Water Meter And Box Reset
641T510	6	Each	6 Inch Line Stop
641T516	2	Each	12 Inch Line Stop
649A535	320	LF	12 Inch Steel Encasement Pipe, Type 1 Installation

Item No.	Quantity	Units	Description
649A560	224	LF	24 Inch Steel Encasement Pipe, Type 1 Installation
649A738	426	LF	12 Inch Steel Encasement Pipe, Type 3 Installation
650B000	44,333	CUYD	Topsoil From Stockpiles
652A100	83	Acre	Seeding
652C000	167	Acre	Mowing
654A001	83,341	SQYD	Solid Sodding (Bermuda)
656A010	83	Acre	Mulching
659C001	141,736	SQYD	Erosion Control Product, Type S3
659C007	964	SQYD	Erosion Control Product, Type C8
665A000	150	Acre	Temporary Seeding
665B001	1,494	Ton	Temporary Mulching
665C010	3,416	LF	Temporary Pipe
665D001	62	Each	Temporary Pipe End Treatment
665E000	14,752	SQYD	Polyethylene
665F000	2,621	Each	Hay Bales
665G000	1,320	Each	Sand Bags
665H005	1,300	LF	Flow Baffle
665I000	1,479	Ton	Temporary Riprap, Class 2
665I002	898	Ton	Temporary Riprap, Class 1
665J002	38,233	LF	Silt Fence
665K000	10,163	CUYD	Drainage Sump Excavation
665N000	500	Ton	Temporary Coarse Aggregate,ALDOT Number 1
665N001	515	Ton	Temporary Coarse Aggregate,ALDOT Number 4
665O001	38,233	LF	Silt Fence Removal
665P005	90	Each	Inlet Protection, Stage 3 Or 4
665Q002	27,352	LF	Wattle
665S000	500	LF	Brush Barrier
665T000	19,504	LF	Temporary Earth Berms
665X000	9	Each	Basin Dewatering Device
666A001	166	Acre	Pest Control Treatment
672C100	480	Each	Flocculant Application, Ditch Check
672C101	240	Each	Flocculant Application, Temporary Slope Drain
672C102	45	Each	Flocculant Application, Sedimentation Basin
672C103	144	Each	Flocculant Application, Inlet Protection
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 5,872,720.00)
701D007	2	Mile	Solid Traffic Stripe Removed (Paint)
701G252	600	LF	Solid White, Class 2, Type A Traffic Stripe (5" Wide) (Rumble Strip)
701H005	1,349	LF	Broken Traffic Stripe Removed (Paint)
705A022	509	Each	Pavement Markers, Class C, Type 2-C
705A023	592	Each	Pavement Markers, Class C, Type 2-D
705A030	942	Each	Pavement Markers, Class A-H, Type 2-C
705A032	244	Each	Pavement Markers, Class A-H, Type 1-B
705A037	28	Each	Pavement Markers, Class A-H, Type 2-D
705A038	122	Each	Pavement Markers, Class A-H, Type 2-E
707B013	1	Each	Type A Object Marker Installation
707B020	1	Each	Type A Object Marker Installation (Temporary)
710A160	810	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background)
710A165	9	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background, Fluorescent)
710A170	1,082	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background)
710A185	80	SQFT	Class 6 Aluminum Flat Sign Panels 0.125" Thick (Type IV or XI Background)
710B021	2,562	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2", 14 Ga Square Tubular Steel)
710C000	1	LS	Removal Of Existing Roadway Signs
726A000	300	LF	Portable Concrete Safety Barriers, Type 6
726A001	40	LF	Portable Concrete Safety Barriers, Type 6-A

Item No.	Quantity	Units	Description
726D025	4	Each	Portable Impact Attenuator Assembly (Unidirectional, TL-3)
740B000	1,464	SQFT	Construction Signs
740D000	397	Each	Channelizing Drums
740E000	400	Each	Cones (36 Inches High)
740F002	53	Each	Barricades, Type III
740M001	400	Each	Ballast For Cone
741C010	4	Each	Portable Sequential Arrow And Chevron Sign Unit
742A001	4	Each	Portable Changeable Message Sign, Type 2
210D025	AA1 143,017	CUYD	Borrow Excavation (Improved Roadbed)
301A004	AA1 227,014	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 4" Compacted Thickness
327E000	AA1 44,123	Ton	Permeable Asphalt Treated Base
401A000	AA1 213,063	SQYD	Bituminous Treatment A
405A000	AA1 32,962	Gal	Tack Coat
424A360	AA1 15,535	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B651	AA1 25,081	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B681	AA1 26,459	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
428A001	AA1 16	Mile	Scoring Bituminous Pavement Surface
701A087	AA1 1	Mile	Broken White, Class W, Type A Traffic Stripe (5" Wide)
701A091	AA1 1	Mile	Solid White, Class W, Type A Traffic Stripe (5" Wide)
701A099	AA1 1	Mile	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
701A227	AA1 11	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	AA1 10	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701A239	AA1 9	Mile	Broken White, Class 2, Type A Traffic Stripe (5" Wide)
701B207	AA1 7,369	LF	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C000	AA1 9	Mile	Broken Temporary Traffic Stripe
701C001	AA1 25	Mile	Solid Temporary Traffic Stripe
701F000	AA1 8,689	LF	Dotted Temporary Traffic Stripe
701G161	AA1 1,501	LF	Broken Black, Class W, Type B Traffic Stripe (5" Wide)
703A002	AA1 4,459	SQFT	Traffic Control Markings, Class 2, Type A
703B002	AA1 951	SQFT	Traffic Control Legends, Class 2, Type A
703D001	AA1 4,459	SQFT	Temporary Traffic Control Markings
210D025	AA2 140,868	CUYD	Borrow Excavation (Improved Roadbed)
301A004	AA2 23,371	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 4" Compacted Thickness
327E000	AA2 4,077	Ton	Permeable Asphalt Treated Base
333A040	AA2 177,450	SQYD	Permeable Cement Treated Base, 4 inches thick
401A000	AA2 23,129	SQYD	Bituminous Treatment A
405A000	AA2 3,856	Gal	Tack Coat
424A360	AA2 2,556	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B651	AA2 3,310	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B681	AA2 2,709	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
428A001	AA2 2	Mile	Scoring Bituminous Pavement Surface
428E000	AA2 74,049	LF	Scoring Concrete Pavement Surface By Cutting
450A004	AA2 173,175	SQYD	Plain Cement Concrete Pavement, 9 Inches Thick
701A087	AA2 9	Mile	Broken White, Class W, Type A Traffic Stripe (5" Wide)
701A091	AA2 9	Mile	Solid White, Class W, Type A Traffic Stripe (5" Wide)
701A099	AA2 9	Mile	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
701A108	AA2 9	Mile	Broken Black, Class W, Type B Traffic Stripe (5" Wide)
701A227	AA2 2	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	AA2 2	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701A239	AA2 1	Mile	Broken White, Class 2, Type A Traffic Stripe (5" Wide)

Item No.	Quantity	Units	Description
701B027	AA2	6,026 LF	Dotted, Class W, Type A Traffic Stripe (5" Wide)
701B207	AA2	2,459 LF	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C000	AA2	1 Mile	Broken Temporary Traffic Stripe
701C001	AA2	9 Mile	Solid Temporary Traffic Stripe
701F000	AA2	3,778 LF	Dotted Temporary Traffic Stripe
703A002	AA2	3,233 SQFT	Traffic Control Markings, Class 2, Type A
703A011	AA2	1,226 SQFT	Traffic Control Markings, Class W, Type A
703B002	AA2	53 SQFT	Traffic Control Legends, Class 2, Type A
703B011	AA2	766 SQFT	Traffic Control Legends, Class W, Type A
703D001	AA2	3,233 SQFT	Temporary Traffic Control Markings