

**Alabama Department of Transportation  
Proposal Item Summary**

---

**999. NH-0158(508) & BP-049-158-003**

**MOBILE COUNTY**

Contract Time: 450 Working Days

for constructing the Roadway Extension (Grading, Drainage, Pavement, and Bridge) on SR-158 from 0.500 mile east of Glenwood Road east of Wilmer to west of SR-217 (Lott Road) in Semmes. Length 2.709 mi.

The Bracket Estimate on this project is from \$28,128,703 to \$34,379,526.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$152.00 per set.

**A MANDATORY pre-bid conference is scheduled for 9:00 a.m. on Thursday, August 23, 2018, at the Alabama Department of Transportation; Large Training Room, Building T; 1701 West I-65 Service Road North; Mobile, AL 36618. Any qualified bidder wishing to bid this proposal is required to have a company representative present at this MANDATORY pre-bid conference. Proposals issued to bidders who fail to attend the MANDATORY pre-bid conference and/or register their attendance will be voided and their bids will not be received nor considered.**

The Principal Items of work are approximately as follows:

Item No.	Quantity	Units	Description
201A002	1	LS	Clearing And Grubbing (Maximum Allowable Bid \$ 6,500.00 Per Acre) (Approximately 100 Acres)
204A000	1	Each	Closing Water Well
206C010	213	SQYD	Removing Concrete Driveway
206C015	1,453	SQYD	Removing Concrete Foundation Slab
206D000	325	LF	Removing Pipe
206D011	15,492	LF	Removing Fence
206D030	820	LF	Removing Utility Lines
206E001	3	Each	Removing Inlets
210A000	479,178	CUYD	Unclassified Excavation
210C000	14,649	CUYD	Muck Excavation
210D012	413,151	CUYD	Borrow Excavation (A-2-4(0) Or A-4(0))
210D025	36,504	CUYD	Borrow Excavation (Improved Roadbed)
210E000	22,735	CUYD	Borrow Excavation (Underwater Backfill)
214A000	7,246	CUYD	Structure Excavation
214B001	2,496	CUYD	Foundation Backfill, Commercial
230A000	314	RBST	Roadbed Processing
240A000	3	Each	Settlement Plate Assembly
260A002	1	CUYD	Cement Mortar Flowable Backfill, Mix 3
301A012	51,035	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
305B077	1,000	Ton	Crushed Aggregate, Section 825, For Miscellaneous Use
401A000	60,010	SQYD	Bituminous Treatment A
405A000	19,743	Gal	Tack Coat
407B000	3	Mile	Joint Sealant For Hot Mix Asphalt Pavement
408A052	1,000	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
420A015	1,623	Ton	Polymer Modified Open Graded Friction Course
420B000	5,438	Gal	Open Graded Friction Course Tack Coat
424A280	4,502	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range E
424A360	2,285	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424A369	10	Ton	Superpave Bituminous Concrete Wearing Surface Layer, Widening, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D

Item No.	Quantity	Units	Description
424B281	5,116	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range E
424B285	50	Ton	Superpave Bituminous Concrete Upper Binder Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range E
424B581	15,800	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range E
424B651	2,330	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B655	50	Ton	Superpave Bituminous Concrete Upper Binder Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B689	50	Ton	Superpave Bituminous Concrete Lower Binder Layer, Leveling, 1" Maximum Aggregate Size Mix, ESAL Range C/D
430B000	11,000	Ton	Aggregate Surfacing (ALDOT #467 Or #57)
430B043	1,000	Ton	Aggregate Surfacing (1" Down, Crusher Run)
450B000	606	SQYD	Reinforced Cement Concrete Bridge End Slab
502A000	494,661	LB	Steel Reinforcement
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, Station 489+20.00, Approximately 231,300 Pounds
502B001	1	LS	Steel Reinforcement For Bridge Superstructure, Station 511+19.00, Approximately 277,600 Pounds
502B002	1	LS	Steel Reinforcement For Bridge Superstructure, Station 600+89.70 (EBL), Approximately 43,700 Pounds
505A016	4	Each	Concrete Test Piles (16 Inches Square)
505A021	4	Each	Concrete Test Piles (36 Inches Square)
505B046	4	Each	Static Loading Tests (16 Inches Square)
505B051	4	Each	Static Loading Tests (36 Inches Square)
505B076	4	Each	Dynamic Loading Tests (16 Inches Square)
505B081	4	Each	Dynamic Loading Tests (36 Inches Square)
505N001	5,586	LF	Concrete Piling Furnished (16 Inches Square)
505N006	4,672	LF	Concrete Piling Furnished (36 Inches Square)
505O001	5,586	LF	Concrete Piling Driven (16 Inches Square)
505O006	4,672	LF	Concrete Piling Driven (36 Inches Square)
508A000	23,010	LB	Structural Steel
508F000	1	LS	Bridge Deck Drainage System (Specialty Item)
508F001	1	LS	Bridge Deck Drainage System (Specialty Item)
510A007	541	CUYD	Bridge Substructure Concrete
510C051	1	LS	Bridge Concrete Superstructure, Station 489+20.00, Approximately 1,016 Cubic Yards
510C052	1	LS	Bridge Concrete Superstructure, Station 511+19.00, Approximately 1,223 Cubic Yards
510C053	1	LS	Bridge Concrete Superstructure, Station 600+89.70, Approximately 195 Cubic Yards
510E000	7,022	SQYD	Grooving Concrete Bridge Decks
511A072	48	Each	Elastomeric Bearing Type 4 (Mark VB3)
511A073	120	Each	Elastomeric Bearing Type 4 (Mark VB4)
513B005	1,640	LF	Pretensioned-Prestressed Concrete Girders, Type III (Specialty Item)
513B017	7,739	LF	Pretensioned-Prestressed Concrete Girders, Type BT-72 (Specialty Item)
524A011	2,276	CUYD	Culvert Concrete (Cast In Place)
529A020	8,035	SQFT	Retaining Wall # 1
529A021	7,399	SQFT	Retaining Wall # 2
530A001	96	LF	18" Roadway Pipe (Class 3 R.C.)
530A002	911	LF	24" Roadway Pipe (Class 3 R.C.)
530A003	313	LF	30" Roadway Pipe (Class 3 R.C.)
530A004	160	LF	36" Roadway Pipe (Class 3 R.C.)
530A012	159	LF	18" Roadway Pipe (Class 4 R.C.)
530A015	134	LF	36" Roadway Pipe (Class 4 R.C.)
530A815	31	LF	15" Roadway Pipe (14 Gauge C.C.M.) (Stack Pipe)(No Bedding Required)
530B002	351	LF	29" Span, 18" Rise Roadway Pipe (Class 3 R.C.)
530B004	408	LF	44" Span, 27" Rise Roadway Pipe (Class 3 R.C.)
533A097	114	LF	15" Storm Sewer Pipe (Class 3 R.C.)

Item No.	Quantity	Units	Description
533A098	257	LF	18" Storm Sewer Pipe (Class 3 R.C.)
533A855	754	LF	12" Storm Sewer Pipe
533A903	6	LF	8" Storm Sewer Pipe (Polyethylene)
535A080	103	LF	18" Side Drain Pipe (Class 3 R.C.)
535B092	166	LF	44" Span, 27" Rise Side Drain Pipe (Class 3 R.C.)
600A000	1	LS	Mobilization
602A000	136	Each	Right Of Way Markers
606A012	3,900	LF	6" Underdrain Pipe, Type 8
606A013	1,200	LF	8" Underdrain Pipe, Type 8
608A000	1,715	SQYD	Separation Geotextile
610C000	500	Ton	Loose Riprap, Class 1
610C001	8,116	Ton	Loose Riprap, Class 2
610D003	67,469	SQYD	Filter Blanket, Geotextile
610E000	7,449	SQYD	Tied Concrete Block Mat
614A000	67	CUYD	Slope Paving
619A000	24	Each	12" Roadway Pipe End Treatment, Class 1
619A001	2	Each	15" Roadway Pipe End Treatment, Class 1
619A002	2	Each	18" Roadway Pipe End Treatment, Class 1
619A003	9	Each	24" Roadway Pipe End Treatment, Class 1
619A004	2	Each	30" Roadway Pipe End Treatment, Class 1
619A005	3	Each	36" Roadway Pipe End Treatment, Class 1
619A101	2	Each	18" Side Drain Pipe End Treatment, Class 1
619B017	1	Each	29" Span, 18" Rise Roadway Pipe End Treatment, Class 1
619B067	4	Each	29" Span, 18" Rise Roadway Pipe End Treatment, Class 2
619B142	1	Each	29" Span, 18" Rise Side Drain Pipe End Treatment, Class 2
619B284	2	Each	44" Span, 27" Rise Roadway Pipe End Treatment, Class 2 (Double Line)
619B343	2	Each	44" Span, 27" Rise Side Drain Pipe End Treatment, Class 2 (Double Line)
620A000	109	CUYD	Minor Structure Concrete
621A002	1	Each	Junction Boxes, Type 4 Or 2P
621A003	1	Each	Junction Boxes, Type 4 Or 1P
621A011	10	Each	Junction Boxes, Type 1 Or 1P
621A019	1	Each	Junction Boxes, Type 1 Or 2P
621B002	1	Each	Junction Box Units, Type 4 Or 2P
621B011	1	Each	Junction Box Units, Type 1 Or 1P
621B014	3	Each	Junction Box Units, Type 1 Or 2P
621C020	1	Each	Inlets, Type Y
621C132	12	Each	Inlets, Type Y (Modified)
621D019	1	Each	Inlet Units, Type Y
621D055	18	Each	Inlet Units, Type Y (Modified)
630A001	6,216	LF	Steel Beam Guardrail, Class A, Type 2
630C003	12	Each	Guardrail End Anchor, Type 13
630C080	20	Each	Guardrail End Anchor, Type 20 Series (MASH)
634A000	8,507	LF	Industrial Fence, 4 Feet High
635A002	18,149	LF	Woven Wire Fence (Wood Posts)
641A612	60	LF	6 Inch Ductile Iron Water Main Laid
641A746	400	LF	6 Inch P.V.C. Water Main Laid
641C500	500	LB	Ductile Iron Fittings
641J516	2	Each	6 Inch Gate Valve With Box
641L500	1	CUYD	Concrete for Water Mains (Thrust Blocks)
641M512	16	Each	6 Inch Retainer Gland
641O514	2	Each	6 Inch x 6 Inch Tapping Valve And Sleeve
646A715	470	LF	2 Inch Polyethylene Gas Main Laid
646D540	2	Each	2 Inch Polyethylene Valve With Box
646E515	2	Each	2 Inch x 2 Inch Polyethylene Hot Tap
649A525	300	LF	8 Inch Steel Encasement Pipe, Type 1 Installation

Item No.	Quantity	Units	Description
649A535	300 LF		12 Inch Steel Encasement Pipe, Type 1 Installation
650B000	32,545 CUYD		Topsoil From Stockpiles
652A100	60 Acre		Seeding
652A110	3 Acre		Seeding(Wetland Mix)
652C000	108 Acre		Mowing
654A001	183,874 SQYD		Solid Sodding (Bermuda)
656A010	64 Acre		Mulching
659C001	277,187 SQYD		Erosion Control Product, Type S3
659C007	2,228 SQYD		Erosion Control Product, Type C8
665A000	25 Acre		Temporary Seeding
665B001	225 Ton		Temporary Mulching
665C010	430 LF		Temporary Pipe
665D001	17 Each		Temporary Pipe End Treatment
665E000	3,740 SQYD		Polyethylene
665F000	600 Each		Hay Bales
665G000	1,500 Each		Sand Bags
665H005	2,210 LF		Flow Baffle
665I000	3,857 Ton		Temporary Riprap, Class 2
665I002	1,292 Ton		Temporary Riprap, Class 1
665J002	32,778 LF		Silt Fence
665K000	3,500 CUYD		Drainage Sump Excavation
665L000	1,000 LF		Floating Basin Boom
665N000	1,921 Ton		Temporary Coarse Aggregate,ALDOT Number 1
665N001	1,491 Ton		Temporary Coarse Aggregate,ALDOT Number 4
665O001	32,778 LF		Silt Fence Removal
665P005	19 Each		Inlet Protection, Stage 3 Or 4
665Q002	9,263 LF		Wattle
665T000	18,542 LF		Temporary Earth Berms
665X000	13 Each		Basin Dewatering Device
666A001	100 Acre		Pest Control Treatment
672C100	800 Each		Flocculant Application, Ditch Check
672C101	136 Each		Flocculant Application, Temporary Slope Drain
672C102	104 Each		Flocculant Application, Sedimentation Basin
672C103	10 Each		Flocculant Application, Inlet Protection
672D000	2 Each		Contractor Retained Tubidimeter
680A001	1 LS		Geometric Controls
698A000	1 LS		Construction Fuel (Maximum Bid Limited to \$ 2,514,000.00)
701A227	6 Mile		Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	6 Mile		Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701B207	236 LF		Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C000	1 Mile		Broken Temporary Traffic Stripe
701C001	1 Mile		Solid Temporary Traffic Stripe
701G146	3,497 LF		Solid White, Class W, Type A Traffic Stripe (5"Wide)
701G154	3,497 LF		Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
703A002	229 SQFT		Traffic Control Markings, Class 2, Type A
703B002	120 SQFT		Traffic Control Legends, Class 2, Type A
703D001	390 SQFT		Temporary Traffic Control Markings
705A011	120 Each		Pavement Markers, Class C, Type 1-A
705A023	36 Each		Pavement Markers, Class C, Type 2-D
705A030	15 Each		Pavement Markers, Class A-H, Type 2-C
705A031	5 Each		Pavement Markers, Class A-H, Type 1-A
705A037	374 Each		Pavement Markers, Class A-H, Type 2-D
710A115	126 SQFT		Class 4, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type III Or Type IV Background)

Item No.	Quantity	Units	Description
710A126	29	SQFT	Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type IX Background)
710B021	98	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2 ", 14 Ga Square Tubular Steel)
720A020	4	Each	Vehicular Impact Attenuator Assembly (Unidirectional,TL-2)
720A025	2	Each	Vehicular Impact Attenuator Assembly (Unidirectional,TL-3)
726A000	1,985	LF	Portable Concrete Safety Barriers, Type 6
740B000	806	SQFT	Construction Signs
740D000	60	Each	Channelizing Drums
740E000	50	Each	Cones (36 Inches High)
740F002	30	Each	Barricades, Type III
740I002	15	Each	Warning Lights, Type B
740M001	50	Each	Ballast For Cone
742A001	8	Each	Portable Changeable Message Sign, Type 2
745A000	1,000	HOUR	Uniformed Police Officer