

**Alabama Department of Transportation
Proposal Item Summary**

001. BUILD-NHF-0157(506)

CULLMAN COUNTY

Contract Time: 330 Working Days

DBE Goal Percent: 7.00

for constructing the Additional Lanes (Grading, Drainage, Pavement, ITS, and Traffic Signals) on SR-157 from the junction of SR-69 to a point east of the junction of SR-3 (US-31) in Cullman. Length 4.245 mi.

The Bracket Estimate on this project is from \$14,601,211 to \$17,845,925.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$130.00 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 47 Acres)
206C001	286	SQYD	Removing Concrete Pavement
206D000	1,930	LF	Removing Pipe
206D001	3,256	LF	Removing Guardrail
206D002	94	LF	Removing Curb
206D003	1,519	LF	Removing Curb And Gutter
206D007	61	LF	Removing Concrete Flume
206D011	739	LF	Removing Fence
206E000	43	Each	Removing Headwalls
206E001	22	Each	Removing Inlets
206E002	2	Each	Removing Junction Boxes
206E008	22	Each	Removing Guardrail End Anchor (All Type)
209A000	25	Each	Mailbox Reset, Single
210A000	258,102	CUYD	Unclassified Excavation
210D101	636	CUYD	Borrow Excavation (Sand Fill, Complete In Place)
210F002	303	Ton	Borrow Excavation (Underwater Backfill) (ALDOT #57)
214A000	11,461	CUYD	Structure Excavation
214B001	1,653	CUYD	Foundation Backfill, Commercial
231B005	34,920	Ton	Roadbed Stabilizing Material, Crushed Aggregate Base
260A003	12	CUYD	Cement Mortar Flowable Backfill, Mix 4
301A008	248,740	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 5" Compacted Thickness
301A012	985	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
305B078	774	Ton	Crushed Aggregate, Section 825, Type B, For Miscellaneous Use
401A000	81,085	SQYD	Bituminous Treatment A
405A000	11,763	Gal	Tack Coat
407B000	32	Mile	Joint Sealant For Hot Mix Asphalt Pavement
408B001	93,500	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
424A360	14,782	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B650	4,952	Ton	Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424B651	23,986	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B658	7,170	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 3/4" Maximum Aggregate Size Mix, ESAL Range C/D
424C360	13,509	Ton	Superpave Bituminous Concrete Base Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424C364	2,024	Ton	Superpave Bituminous Concrete Base Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range C/D

Item No.	Quantity	Units	Description
428A001	15	Mile	Scoring Bituminous Pavement Surface
430B043	3,145	Ton	Aggregate Surfacing (1" Down, Crusher Run)
450B000	320	SQYD	Reinforced Cement Concrete Bridge End Slab
502A000	57,979	LB	Steel Reinforcement
524B010	387	CUYD	Culvert Concrete Extension
530A001	418	LF	18" Roadway Pipe (Class 3 R.C.)
530A002	1,455	LF	24" Roadway Pipe (Class 3 R.C.)
530A003	199	LF	30" Roadway Pipe (Class 3 R.C.)
530A004	114	LF	36" Roadway Pipe (Class 3 R.C.)
530A005	68	LF	42" Roadway Pipe (Class 3 R.C.)
530A006	235	LF	48" Roadway Pipe (Class 3 R.C.)
530A008	253	LF	60" Roadway Pipe (Class 3 R.C.)
530A101	9	LF	18" Roadway Pipe (Class 3 R.C.) (Extension)
530A102	4	LF	24" Roadway Pipe (Class 3 R.C.) (Extension)
530A104	4	LF	36" Roadway Pipe (Class 3 R.C.) (Extension)
530A105	4	LF	42" Roadway Pipe (Class 3 R.C.) (Extension)
530A106	12	LF	48" Roadway Pipe (Class 3 R.C.) (Extension)
530A800	55	LF	15" Roadway Pipe (14 Gauge C.C.S.) (Stack Pipe)(No Bedding Required)
530B001	66	LF	22" Span, 14" Rise Roadway Pipe (Class 3 R.C.)
530B002	693	LF	29" Span, 18" Rise Roadway Pipe (Class 3 R.C.)
535A080	103	LF	18" Side Drain Pipe (Class 3 R.C.)
535A085	1,637	LF	24" Side Drain Pipe (Class 3 R.C.)
535A086	100	LF	30" Side Drain Pipe (Class 3 R.C.)
600A000	1	LS	Mobilization
602A000	20	Each	Right Of Way Markers
603A000	1	Each	Furnishing Type 1 Field Office
608A000	2,312	SQYD	Separation Geotextile
610C000	1,215	Ton	Loose Riprap, Class 1
610C001	514	Ton	Loose Riprap, Class 2
610D003	10,067	SQYD	Filter Blanket, Geotextile
614A000	817	CUYD	Slope Paving
618A001	201	SQYD	Concrete Sidewalk, 6" Thick
618B003	636	SQYD	Concrete Driveway, 6" Thick (Includes Wire Mesh)
618C001	210	SQFT	Detectable Warning Surface
618D000	33	SQYD	Curb Ramp
619A002	1	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
619A007	4	Each	48" Roadway Pipe End Treatment, Class 1
619A009	1	Each	60" Roadway Pipe End Treatment, Class 1
619A056	1	Each	42" Roadway Pipe End Treatment, Class 2
619A059	1	Each	60" Roadway Pipe End Treatment, Class 2
619A101	2	Each	18" Side Drain Pipe End Treatment, Class 1
619A102	42	Each	24" Side Drain Pipe End Treatment, Class 1
619A103	2	Each	30" Side Drain Pipe End Treatment, Class 1
619A201	2	Each	18" Roadway Pipe End Treatment, Class 1 (Double Line)
619B016	1	Each	22" Span, 14" Rise Roadway Pipe End Treatment, Class 1
619B017	7	Each	29" Span, 18" Rise Roadway Pipe End Treatment, Class 1
620A000	2	CUYD	Minor Structure Concrete
621A003	1	Each	Junction Boxes, Type 4 Or 1P
621A004	8	Each	Junction Boxes, Type 4
621A011	7	Each	Junction Boxes, Type 1 Or 1P
621A019	5	Each	Junction Boxes, Type 1 Or 2P
621B003	3	Each	Junction Box Units, Type 4 Or 1P

Item No.	Quantity	Units	Description
621B004	20	Each	Junction Box Units, Type 4
621B011	5	Each	Junction Box Units, Type 1 Or 1P
621B014	6	Each	Junction Box Units, Type 1 Or 2P
621C015	4	Each	Inlets, Type S1 Or S3 (1 Wing)
621C020	21	Each	Inlets, Type Y
621C024	1	Each	Inlets, Type C Or P1
621C027	4	Each	Inlets, Type C
621D002	4	Each	Inlet Units, Type C
621D015	8	Each	Inlet Units, Type S1 Or S3
621D019	15	Each	Inlet Units, Type Y
623C000	774	LF	Combination Curb & Gutter, Type C
630A001	6,875	LF	Steel Beam Guardrail, Class A, Type 2
630C001	20	Each	Guardrail End Anchor, Type 8
630C003	16	Each	Guardrail End Anchor, Type 13
630C080	20	Each	Guardrail End Anchor, Type 20 Series (MASH)
650A000	521	CUYD	Topsoil
650B000	27,438	CUYD	Topsoil From Stockpiles
652A100	33	Acre	Seeding
652C000	66	Acre	Mowing
654A000	51,380	SQYD	Solid Sodding
656A010	33	Acre	Mulching
659C001	16,431	SQYD	Erosion Control Product, Type S3
659C004	23	SQYD	Erosion Control Product, Type C2
659C005	139	SQYD	Erosion Control Product, Type C4
659C007	167	SQYD	Erosion Control Product, Type C8
659C008	82	SQYD	Erosion Control Product, Type C10
665A000	33	Acre	Temporary Seeding
665B001	297	Ton	Temporary Mulching
665C010	454	LF	Temporary Pipe
665D001	6	Each	Temporary Pipe End Treatment
665E000	500	SQYD	Polyethylene
665F000	850	Each	Hay Bales
665G000	100	Each	Sand Bags
665H005	720	LF	Flow Baffle
665I000	274	Ton	Temporary Riprap, Class 2
665J002	9,977	LF	Silt Fence
665N000	400	Ton	Temporary Coarse Aggregate,ALDOT Number 1
665N001	150	Ton	Temporary Coarse Aggregate,ALDOT Number 4
665O001	9,977	LF	Silt Fence Removal
665P005	25	Each	Inlet Protection, Stage 3 Or 4
665Q002	1,660	LF	Wattle
665T000	1,525	LF	Temporary Earth Berms
665X000	5	Each	Basin Dewatering Device
666A001	30	Acre	Pest Control Treatment
672C100	468	Each	Flocculant Application, Ditch Check
672C102	2,500	Each	Flocculant Application, Sedimentation Basin
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 850,000.00)
701A227	14	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	10	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701A239	8	Mile	Broken White, Class 2, Type A Traffic Stripe (5" Wide)
701A244	1	Mile	Broken Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701B207	9,491	LF	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C000	16	Mile	Broken Temporary Traffic Stripe
701C003	39	Mile	Solid Temporary Traffic Stripe (Paint)

Item No.	Quantity	Units	Description
701F001	2,400	LF	Dotted Temporary Traffic Stripe (Paint)
701G142	1,870	LF	Broken White, Class W, Type A Traffic Stripe (5" Wide)
701G144	1,870	LF	Solid White, Class W, Type A Traffic Stripe
701G154	1,870	LF	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
701G161	1,870	LF	Broken Black, Class W, Type B Traffic Stripe (5" Wide)
703A002	450	SQFT	Traffic Control Markings, Class 2, Type A
703B002	5,110	SQFT	Traffic Control Legends, Class 2, Type A
703D002	450	SQFT	Temporary Traffic Control Markings (Paint)
705A030	1,035	Each	Pavement Markers, Class A-H, Type 2-C
705A037	100	Each	Pavement Markers, Class A-H, Type 2-D
710A160	477	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background)
710A165	13	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background, Fluorescent)
710A170	603	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background)
710B021	1,781	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2", 14 Ga Square Tubular Steel)
730A000	1	LS	Removal Of Existing Traffic Control Unit (SR-157 at SR-69)
730A002	1	LS	Removal Of Existing Traffic Control Unit (SR-157 at Eva Road)
730A003	1	LS	Removal Of Existing Traffic Control Unit (SR-157 at Childhaven Road)
730A012	1	LS	Removal Of Existing Traffic Control Unit (Partial) (SR-157 at Hospital Drive)
730C000	1	LS	Furnishing And Installing Traffic Control Unit (SR-157 at SR-69)
730C001	1	LS	Furnishing And Installing Traffic Control Unit (SR-157 at Hospital Drive)
730C002	1	LS	Furnishing And Installing Traffic Control Unit (SR-157 at Dahke Road)
730C003	1	LS	Furnishing And Installing Traffic Control Unit (SR-157 at Eva Road)
730C004	1	LS	Furnishing And Installing Traffic Control Unit (SR-157 at Childhaven Road)
730E000	16	Each	Metal Traffic Signal Pole Foundation
730F001	4	Each	Metal Traffic Signal Pole With 45' Mast Arm
730F002	2	Each	Metal Traffic Signal Pole With 50' Mast Arm
730F003	1	Each	Metal Traffic Signal Pole With 55' Mast Arm
730F005	5	Each	Metal Traffic Signal Pole With 65' Mast Arm
730G001	4	Each	Metal Traffic Signal Strain Pole
730K000	18	Each	Traffic Signal Junction Box
730L002	50	LF	1", Metallic, Conduit
730L003	200	LF	1", Non-Metallic, Conduit
730L005	1,190	LF	2", Non-Metallic, Conduit
730N000	16	Each	Luminaire Extension Assembly,
730P022	36	Each	Vehicular Signal Head, 12 Inch, 3 Section, Type LED
730P023	13	Each	Vehicular Signal Head, 12 Inch, 4 Section, Type LED
730Q011	8	Each	Pedestrian Signal Head, Type LED 40'
730R022	5	Each	Controller Assembly, Type III, 8 Phase
730S002	1	LS	Furnishing And Installing Emergency Vehicle Preemption System(SR-157 at Dahke Road)
730S003	1	LS	Furnishing And Installing Emergency Vehicle Preemption System(SR-157 at Eva Road)
730S004	1	LS	Furnishing And Installing Emergency Vehicle Preemption System(SR-157 at Childhaven Road)
730U400	1	LS	Radar Detection System (SR-157 at SR-69)
730U401	1	LS	Radar Detection System (SR-157 at Hospital Drive)
730U402	1	LS	Radar Detection System (SR-157 at Dahke Road)
730U403	1	LS	Radar Detection System (SR-157 at Eva Road)
730U404	1	LS	Radar Detection System (SR-157 at Childhaven Road)
740B000	1,045	SQFT	Construction Signs
740D000	797	Each	Channelizing Drums
740E000	1,000	Each	Cones (36 Inches High)
740F002	28	Each	Barricades, Type III
740M001	1,000	Each	Ballast For Cone
741C010	2	Each	Portable Sequential Arrow And Chevron Sign Unit
742A001	2	Each	Portable Changeable Message Sign, Type 2
756A028	1,165	LF	6" Electrical Conduit, 1 Line, Type 5 Installation
757A001	8	Each	Portable Traffic Signal, Type 2

Item No.	Quantity	Units	Description
999 000	1,760	HOUR	Trainee Hours At 80 Cents Per Hour