

**Alabama Department of Transportation
Proposal Item Summary**

001. APDF-1602(542)

JEFFERSON COUNTY

Contract Time: 500 Working Days

DBE Goal Percent: 2.50

for constructing the Base, Pave, and Bridges on the Birmingham Northern Beltline from the junction of SR-79 to the junction of SR-75 (Partial), excluding Ramp C north of Pinson. Length 1.878 mi.

The Bracket Estimate on this project is from \$58,338,408 to \$71,302,499.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$171.00 per set.

The Principal Items of work are approximately as follows:

Item No.	Quantity	Units	Description
201B001	16	Acre	Selective Clearing
206D000	28	LF	Removing Pipe
206E001	1	Each	Removing Inlets
206E033	14	Each	Removing Permanent Barricade
210A000	9,590	CUYD	Unclassified Excavation
210D011	2,484	CUYD	Borrow Excavation (A4 Or Better)
214A000	58	CUYD	Structure Excavation
214B001	28	CUYD	Foundation Backfill, Commercial
215A000	1,899	CUYD	Unclassified Bridge Excavation
215B000	1	LS	Cofferdams Or Sheeting And Shoring, Station 2208+50.00
230A000	6	RBST	Roadbed Processing
231C000	121	RBST	Stabilizing Roadbed With In-Place Material
301A012	53,110	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
401A011	46,849	SQYD	Bituminous Treatment AKG
401A043	1,041	SQYD	Bituminous Treatment AE
405A000	4,874	Gal	Tack Coat
408A052	57,879	SQYD	Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)
410H000	1	Each	Material Remixing Device
424A280	4,564	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range E
424B281	127	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range E
424B581	311	Ton	Superpave Bituminous Concrete Lower Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range E
428A001	3	Mile	Scoring Bituminous Pavement Surface
430B016	3,410	Ton	Aggregate Surfacing (ALDOT #467, #57 Or #67)
450A007	21,165	SQYD	Plain Cement Concrete Pavement,12 Inches Thick
450A019	25,138	SQYD	Plain Cement Concrete Pavement,10 Inches Thick
450B000	1,259	SQYD	Reinforced Cement Concrete Bridge End Slab
450H000	1	Each	Smoothness Testing Certified Inertial Profiler
502A000	1,398,900	LB	Steel Reinforcement
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, Station 2149+75.00, Approximately 215,600 Pounds
502B001	1	LS	Steel Reinforcement For Bridge Superstructure, Station 2149+50.00, Approximately 165,800 Pounds
502B002	1	LS	Steel Reinforcement For Bridge Superstructure, Station 2182+76.96, Approximate 918,800 Pounds
502B003	1	LS	Steel Reinforcement For Bridge Superstructure, Station 2208+50.00, Approximately 628,100 Pounds
505B057	1	Each	Static Loading Tests (HP 12x53)
505G003	502	Each	Pile Points (Type A, 12")

Item No.	Quantity	Units	Description
505G004	28	Each	Pile Points (Type A, 14")
505H000	360	LF	Pilot Holes
505M002	21,833	LF	Steel Piling Furnished And Driven (HP 12x53)
505M012	1,359	LF	Steel Piling Furnished And Driven (HP 14 x 89)
506A001	634	LF	Drilled Shaft Excavation, 6'-0" Diameter
506A003	329	LF	Drilled Shaft Excavation, 5'-0" Diameter
506A004	99	LF	Drilled Shaft Excavation, 3'-0" Diameter
506A005	119	LF	Drilled Shaft Excavation, 3'-6" Diameter
506B001	122	LF	Special Drilled Shaft Excavation, 3'-0" Diameter
506B002	32	LF	Special Drilled Shaft Excavation, 3'-6" Diameter
506B005	220	LF	Special Drilled Shaft Excavation, 5'-0" Diameter
506B007	618	LF	Special Drilled Shaft Excavation, 6'-0" Diameter
506C040	221	LF	Drilled Shaft Construction, 3'-0" Diameter, Class DS1 Concrete
506C041	150	LF	Drilled Shaft Construction, 3'-6" Diameter, Class DS1 Concrete
506C044	549	LF	Drilled Shaft Construction, 5'-0" Diameter, Class DS1 Concrete
506C046	1,252	LF	Drilled Shaft Construction, 6'-0" Diameter, Class DS1 Concrete
506D000	860	LF	Exploration Below Drilled Shaft
506G006	28	Each	Crosshole Sonic Logging, 6'-0" Diameter
508A000	45,030	LB	Structural Steel
508B000	1	Each	Structural Steel Superstructure, 171'-9"-210'-0"-210'-0"-171'-9" Continuous Span, Approximately 2,447,389 Pounds
508B001	1	Each	Structural Steel Superstructure, 190'-0"-247'-0"-247'-0"-190'-0" Continuous Span, Approximately 3,158,750 Pounds
510A007	5,231	CUYD	Bridge Substructure Concrete
510C051	1	LS	Bridge Concrete Superstructure, Station 2149+75.00, Approximately 1,134 Cubic Yards
510C052	1	LS	Bridge Concrete Superstructure, Station 2149+50.00, Approximately 859 Cubic Yards
510C053	1	LS	Bridge Concrete Superstructure, Station 2182+76.96, Approximately 2,985 Cubic Yards
510C054	1	LS	Bridge Concrete Superstructure, Station 2208+50.00, Approximately 3,366 Cubic Yards
510E000	25,388	SQYD	Grooving Concrete Bridge Decks
510J000	8,353	LF	Bridge Barrier Rail, Type 36" Single Slope
511A006	12	Each	Elastomeric Bearing Type 5 (Mark A)
511A007	12	Each	Elastomeric Bearing Type 5 (Mark B)
511A008	12	Each	Elastomeric Bearing Type 5 (Mark C)
511A009	12	Each	Elastomeric Bearing Type 5 (Mark D)
511A044	6	Each	Elastomeric Bearing Type 4 (Mark E)
511A045	6	Each	Elastomeric Bearing Type 4 (Mark F)
511A053	226	Each	Elastomeric Bearing Type 2 (Mark B4)
511A072	16	Each	Elastomeric Bearing Type 4 (Mark VB3)
511A073	118	Each	Elastomeric Bearing Type 4 (Mark VB4)
513B005	511	LF	Pretensioned-Prestressed Concrete Girders, Type III (Specialty Item)
513B015	1,259	LF	Pretensioned-Prestressed Concrete Girders, Type BT-54 (Specialty Item)
513B017	21,863	LF	Pretensioned-Prestressed Concrete Girders, Type BT-72 (Specialty Item)
530A001	23	LF	18" Roadway Pipe (Class 3 R.C.)
533A098	50	LF	18" Storm Sewer Pipe (Class 3 R.C.)
533B098	9	LF	22" Span, 14" Rise Storm Sewer Pipe (Class 3 R.C.)
534E001	99	LF	Cleaning Existing Pipe (Less Than Or Equal To 48" Horizontal Opening)
534F001	155	LF	Cleaning Existing Pipe (Greater Than 48" Horizontal Opening)
600A000	1	LS	Mobilization
603A002	1	Each	Furnishing Type 3 Field Office
609A000	2,500	SQYD	Aggregate Slope Protection
609B000	2,500	SQYD	Geotextile Filter For Aggregate Slope Protection
610C001	3,130	Ton	Loose Riprap, Class 2
610D003	2,612	SQYD	Filter Blanket, Geotextile
614A000	198	CUYD	Slope Paving
619A002	6	Each	18" Roadway Pipe End Treatment, Class 1

Item No.	Quantity	Units	Description
619B016	1	Each	22" Span, 14" Rise Roadway Pipe End Treatment, Class 1
620A000	7	CUYD	Minor Structure Concrete
621C027	1	Each	Inlets, Type C
621C159	1	Each	Inlets, Type E4 (Partial)
621D002	3	Each	Inlet Units, Type C
630A001	1,275	LF	Steel Beam Guardrail, Class A, Type 2
630C077	1	Each	Guardrail End Anchor, Type 8 (MASH)
630C079	7	Each	Guardrail End Anchor, Type 13 (MASH)
630C080	8	Each	Guardrail End Anchor, Type 20 Series (MASH)
650A000	850	CUYD	Topsoil
665C010	80	LF	Temporary Pipe
665F000	4,348	Each	Hay Bales
665G000	2,214	Each	Sand Bags
665I000	400	Ton	Temporary Riprap, Class 2
665J002	27,038	LF	Silt Fence
665N000	504	Ton	Temporary Coarse Aggregate,ALDOT Number 1
665N001	80	Ton	Temporary Coarse Aggregate,ALDOT Number 4
665O001	27,038	LF	Silt Fence Removal
665P005	40	Each	Inlet Protection, Stage 3 Or 4
665Q002	3,200	LF	Wattle
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 3,436,000.00)
701A087	2	Mile	Broken White, Class W, Type A Traffic Stripe (5" Wide)
701A091	4	Mile	Solid White, Class W, Type A Traffic Stripe (5" Wide)
701A099	4	Mile	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
701A108	2	Mile	Broken Black, Class W, Type B Traffic Stripe (5" Wide)
701A227	3	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	4	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701A239	3	Mile	Broken White, Class 2, Type A Traffic Stripe (5" Wide)
701C000	5	Mile	Broken Temporary Traffic Stripe
701C001	12	Mile	Solid Temporary Traffic Stripe
701G252	184	LF	Solid White, Class 2, Type A Traffic Stripe (5" Wide) (Rumble Strip)
701G256	634	LF	Broken Yellow, Class 2, Type A Traffic Stripe (5" Wide)
703A002	7,954	SQFT	Traffic Control Markings, Class 2, Type A
703A011	4,687	SQFT	Traffic Control Markings, Class W, Type A
703B002	359	SQFT	Traffic Control Legends, Class 2, Type A
703B011	246	SQFT	Traffic Control Legends, Class W, Type A
703D002	558	SQFT	Temporary Traffic Control Markings (Paint)
705A030	1,383	Each	Pavement Markers, Class A-H, Type 2-C
705A032	1,700	Each	Pavement Markers, Class A-H, Type 1-B
705A037	42	Each	Pavement Markers, Class A-H, Type 2-D
705A038	337	Each	Pavement Markers, Class A-H, Type 2-E
710A160	62	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background)
710A165	60	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background, Fluorescent)
710A170	508	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background)
710B021	688	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2", 14 Ga Square Tubular Steel)
713A000	25	LF	Permanent Barricades
726B000	6,730	LF	Portable Concrete Safety Barrier Type 6
740B000	1,354	SQFT	Construction Signs
740D000	100	Each	Channelizing Drums
740F002	26	Each	Barricades, Type III
741C010	2	Each	Portable Sequential Arrow And Chevron Sign Unit
742A001	4	Each	Portable Changeable Message Sign, Type 2
999 000	5,600	HOUR	Trainee Hours At 80 Cents Per Hour