

**Alabama Department of Transportation
Proposal Item Summary**

047. STPMB-7508(600)

MOBILE COUNTY

Contract Time: 325 Working Days

DBE Goal Percent: 3.00

for constructing the Widening and Roundabout Installation (Grading, Drainage, Pavement Bridge Culvert, Retaining Wall, Traffic Signals, Lighting, and Traffic Stripe) on McGregor Avenue from the junction of Airport Boulevard to the junction of Dauphin Street in Mobile. Length 0.711 mi.

The Bracket Estimate on this project is from \$8,476,190 to \$10,359,788.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$85.00 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 5 Acres)
201B001	5	Acre	Selective Clearing
206A000	1	LS	Removal Of Old Bridge, Station 21+50.04
206C000	90	SQYD	Removing Concrete Sidewalk
206C002	377	SQYD	Removing Concrete Slope Paving
206C003	8	SQYD	Removing Concrete Flumes
206C008	237	SQYD	Removing Concrete Median
206C010	739	SQYD	Removing Concrete Driveway
206C027	126	SQYD	Removing Brick Pavement
206D000	4,568	LF	Removing Pipe
206D001	80	LF	Removing Guardrail
206D002	998	LF	Removing Curb
206D003	6,786	LF	Removing Curb And Gutter
206D005	927	LF	Removing Gutter
206D008	125	LF	Removing Retaining Wall
206D011	116	LF	Removing Fence
206D030	5,788	LF	Removing Utility Lines
206E000	2	Each	Removing Headwalls
206E001	38	Each	Removing Inlets
206E002	4	Each	Removing Junction Boxes
206E003	10	Each	Removing Manholes
209A000	12	Each	Mailbox Reset, Single
209A001	1	Each	Mailbox Reset, Double
210A000	28,025	CUYD	Unclassified Excavation
210D012	8,589	CUYD	Borrow Excavation (A-2-4(0) Or A-4(0))
210E000	127	CUYD	Borrow Excavation (Underwater Backfill)
214A000	4,624	CUYD	Structure Excavation
214B001	2,282	CUYD	Foundation Backfill, Commercial
214B002	20	CUYD	Foundation Backfill, Commercial (#57 STONE
230A000	47	RBST	Roadbed Processing
260A003	5	CUYD	Cement Mortar Flowable Backfill, Mix 4
301A012	17,248	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
305B071	30	Ton	Coarse Aggregate, Section 801, For Miscellaneous Use
401A000	13,317	SQYD	Bituminous Treatment A
405A000	2,164	Gal	Tack Coat
408A052	4,469	SQYD	Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)
424A360	3,137	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D

Item No.	Quantity	Units	Description
424A369	185	Ton	Superpave Bituminous Concrete Wearing Surface Layer, Widening, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424B651	2,083	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B655	303	Ton	Superpave Bituminous Concrete Upper Binder Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B659	2,286	Ton	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B662	62	Ton	Superpave Bituminous Concrete Upper Binder Layer, Widening, 1" Maximum Aggregate Size Mix, ESAL Range C/D
430B040	1,000	Ton	Aggregate Surfacing (Crushed Aggregate Base, Type B)
502A000	42,831	LB	Steel Reinforcement
508A000	784	LB	Structural Steel
517D002	325	LF	Galvanized Steel Sidewalk Handrail
524A011	320	CUYD	Culvert Concrete (Cast In Place)
529A020	2,036	SQFT	Retaining Wall # 1
529A021	1,086	SQFT	Retaining Wall # 2
530A001	447	LF	18" Roadway Pipe (Class 3 R.C.)
530A002	152	LF	24" Roadway Pipe (Class 3 R.C.)
530A003	669	LF	30" Roadway Pipe (Class 3 R.C.)
530B002	97	LF	29" Span, 18" Rise Roadway Pipe (Class 3 R.C.)
533A098	1,349	LF	18" Storm Sewer Pipe (Class 3 R.C.)
533A099	2,297	LF	24" Storm Sewer Pipe (Class 3 R.C.)
533A100	668	LF	30" Storm Sewer Pipe (Class 3 R.C.)
533A348	182	LF	18" Storm Sewer Pipe (Class 3 R.C.) (Extension)
533B099	1,575	LF	29" Span, 18" Rise Storm Sewer Pipe (Class 3 R.C.)
535A240	14	LF	12" Side Drain Pipe (PVC)
600A000	1	LS	Mobilization
602A000	54	Each	Right Of Way Markers
606A000	500	LF	6" Underdrain Pipe
608A000	615	SQYD	Separation Geotextile
610D003	553	SQYD	Filter Blanket, Geotextile
613F000	1,000	SQFT	Brick Paving
614A000	45	CUYD	Slope Paving
614B000	229	CUYD	Reinforced Slope Paving
618A000	4,702	SQYD	Concrete Sidewalk, 4" Thick
618A001	333	SQYD	Concrete Sidewalk, 6" Thick
618B003	281	SQYD	Concrete Driveway, 6" Thick (Includes Wire Mesh)
618C001	222	SQFT	Detectable Warning Surface
618D000	140	SQYD	Curb Ramp
620A000	10	CUYD	Minor Structure Concrete
621A011	8	Each	Junction Boxes, Type 1 Or 1P
621A019	2	Each	Junction Boxes, Type 1 Or 2P
621B014	2	Each	Junction Box Units, Type 1 Or 2P
621C001	6	Each	Inlets, Type B
621C015	55	Each	Inlets, Type S1 Or S3 (1 Wing)
621C017	3	Each	Inlets, Type S1 Or S3 (2 Wing)
621C027	1	Each	Inlets, Type C
621C030	1	Each	Inlets, Type "Special"
621C036	3	Each	Inlets, Type S1 Or S3 (1 Wing) (Modified)
621C049	1	Each	Inlets, Type S1 Or S3 (2 Wing) (Modified)
621C087	2	Each	Inlets, Type S2 Or S4 (1 Wing) (Modified)
621C112	1	Each	Inlets, Type C (Modified) (Grate & Grateseat)
621D015	37	Each	Inlet Units, Type S1 Or S3
621E004	2	Each	Manholes, Type L Or M (Storm)
623A000	1,181	LF	Concrete Gutter

Item No.	Quantity	Units	Description
623A001	158	LF	Concrete Gutter (Valley)
623B000	2,556	LF	Concrete Curb, Type N
623B001	275	LF	Concrete Curb, Type N Special
623B002	537	LF	Concrete Curb, Type A
623B005	126	LF	Concrete Curb, Type E
623B007	332	LF	Concrete Curb, Type G
623B120	130	LF	Concrete Curb, (Type Special)
623C003	8,978	LF	Combination Curb & Gutter, Type C (Modified)
630A001	350	LF	Steel Beam Guardrail, Class A, Type 2
630C077	2	Each	Guardrail End Anchor, Type 8 (MASH)
630C080	2	Each	Guardrail End Anchor, Type 20 Series (MASH)
637A000	167	LF	Fence Reset
638A000	185	LF	Privacy Fence
641A512	359	LF	3/4 Inch Copper Water Service Line Laid
641A612	1,950	LF	6 Inch Ductile Iron Water Main Laid
641A614	30	LF	8 Inch Ductile Iron Water Main Laid
641A616	2,950	LF	10 Inch Ductile Iron Water Main Laid
641A622	400	LF	16 Inch Ductile Iron Water Main Laid
641A686	277	LF	10 Inch Ductile Iron Water Main Laid (Restrained Joint)
641A746	45	LF	6 Inch P.V.C. Water Main Laid
641A748	35	LF	8 Inch P.V.C. Water Main Laid
641C500	6,480	LB	Ductile Iron Fittings
641D500	6	Each	Fire Hydrant
641E500	3	Each	Fire Hydrant Reset
641J516	5	Each	6 Inch Gate Valve With Box
641J520	2	Each	10 Inch Gate Valve With Box
641L500	14	CUYD	Concrete for Water Mains (Thrust Blocks)
641O514	5	Each	6 Inch x 6 Inch Tapping Valve And Sleeve
641O520	1	Each	8 Inch x 8 Inch Tapping Valve And Sleeve
641O536	1	Each	10 Inch x 10 Inch Tapping Valve And Sleeve
641O596	1	Each	16 Inch x 16 Inch Tapping Valve And Sleeve
641Q510	1	Each	3/4 Inch Water Meter And Box Set
641R510	13	Each	3/4 Inch Water Meter And Box Reset
641S500	4	Each	Valve Box Reset
641T510	1	Each	6 Inch Line Stop
641T512	1	Each	8 Inch Line Stop
641T514	1	Each	10 Inch Line Stop
641T520	1	Each	16 Inch Line Stop
645A510	1,044	LF	8 Inch Ductile Iron Sanitary Sewer Gravity Pipe Laid
645A518	108	LF	16 Inch Ductile Iron Sanitary Sewer Gravity Pipe Laid
645A548	100	LF	8 Inch P.V.C. Sanitary Sewer Gravity Pipe Laid
645F510	60	LF	8 Inch Abandon Existing Sanitary Sewer
645H510	4	Each	48 Inch Manhole
645H710	5	Each	48 Inch Manhole (Dog House)
645I500	39	Each	48 Inch Manhole Unit
645J500	1	Each	Manhole Cone Reset
645K500	20	Each	Manhole Frame And Cover Reset
645M500	8	Each	Connection To Existing Manhole
650A000	2,400	CUYD	Topsoil
652C000	8	Acre	Mowing
654A001	18,100	SQYD	Solid Sodding (Bermuda)
659C001	1,276	SQYD	Erosion Control Product, Type S3
660C096	20	Each	Shrubs, Podocarpus Macrophylla Maki (Yew Podocarpus)
665A000	4	Acre	Temporary Seeding
665B001	12	Ton	Temporary Mulching

Item No.	Quantity	Units	Description
665E000	7,500	SQYD	Polyethylene
665G000	500	Each	Sand Bags
665J002	4,832	LF	Silt Fence
665L000	257	LF	Floating Basin Boom
665N000	100	Ton	Temporary Coarse Aggregate,ALDOT Number 1
665O001	4,832	LF	Silt Fence Removal
665P005	133	Each	Inlet Protection, Stage 3 Or 4
665Q002	1,640	LF	Wattle
666A001	4	Acre	Pest Control Treatment
674A000	5,000	LF	Construction Safety Fence
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ 422,200.00)
701B207	762	LF	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C000	2	Mile	Broken Temporary Traffic Stripe
701C001	6	Mile	Solid Temporary Traffic Stripe
701D005	1	Mile	Solid Traffic Stripe Removed
701D013	1	Mile	Broken Traffic Stripe Removed
701G242	1,901	LF	Broken White, Class 2, Type A Traffic Stripe (5" Wide)
701G253	19,763	LF	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701G256	4,037	LF	Broken Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701G265	7,148	LF	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
703A002	1,961	SQFT	Traffic Control Markings, Class 2, Type A
703B002	292	SQFT	Traffic Control Legends, Class 2, Type A
703C000	1,200	SQFT	Removal Of Existing Traffic Control Markings Or Legends (Paint)
703D001	1,720	SQFT	Temporary Traffic Control Markings
703H000	2,612	SQFT	Specialty Traffic Control Markings
705A030	25	Each	Pavement Markers, Class A-H, Type 2-C
705A032	110	Each	Pavement Markers, Class A-H, Type 1-B
705A037	124	Each	Pavement Markers, Class A-H, Type 2-D
705A038	70	Each	Pavement Markers, Class A-H, Type 2-E
707B013	3	Each	Type A Object Marker Installation
707B014	4	Each	Type B Object Marker Installation
710A160	123	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background)
710A165	121	SQFT	Class 10 Aluminum Flat Sign Panels 0.08" Thick (Type XI Background, Fluorescent)
710A170	143	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick (Type IV Background)
710B020	588	LF	Roadway Sign Post (Special)
729A101	780	LF	Fiber Optic Drop Cable, 12F
729B020	2	Each	Fan-Out Kit
729B202	2	Each	FO Patch Cable, Duplex, SC-SC, 3 Meter
729B270	4	Each	FO Patch Cable, Duplex, ST-LC, 1 Meter
729C020	2	Each	Network Device, Type C (FMES)
729I101	730	LF	Conduit, Underground, Non-Metallic, 2 Inch
729N000	2	Each	Miscellaneous Infrastructure, Fusion Splicing
729N111	2	Each	Miscellaneous Infrastructure, Splice Closure, Underground, 12 Fiber
729N117	2	Each	Miscellaneous Infrastructure, Splice Closure, Underground, 96 Fiber
729N302	2	Each	Miscellaneous Infrastructure, CommBox, Type F2
730A000	1	LS	Removal Of Existing Traffic Control Unit (McGregor Avenue at Airport Boulevard)
730A001	1	LS	Removal Of Existing Traffic Control Unit (McGregor Avenue at Berwyn Drive)
730A002	1	LS	Removal Of Existing Traffic Control Unit (McGregor Avenue at Dauphin Street)
730C000	1	LS	Furnishing And Installing Traffic Control Unit (McGregor Avenue at Airport Boulevard)
730C001	1	LS	Furnishing And Installing Traffic Control Unit (McGregor Avenue at Berwyn Drive)
730E000	6	Each	Metal Traffic Signal Pole Foundation
730F000	1	Each	Metal Traffic Signal Pole With 35 Foot and 60 Foot Mast Arm Assembly
730F001	1	Each	Metal Traffic Signal Pole With 45 Foot and 65 Foot Mast Arm Assembly
730F002	1	Each	Metal Traffic Signal Pole With 45 Foot Mast Arm Assembly

Item No.	Quantity	Units	Description
730F003	1	Each	Metal Traffic Signal Pole With 60 Foot Mast Arm Assembly
730F004	1	Each	Metal Traffic Signal Pole With 65 Foot Mast Arm Assembly
730F005	1	Each	Metal Traffic Signal Pole With 75 Foot Mast Arm Assembly
730K000	8	Each	Traffic Signal Junction Box
730L002	30	LF	1", Metallic, Conduit
730L003	139	LF	1", Non-Metallic, Conduit
730L005	105	LF	2", Non-Metallic, Conduit
730N000	2	Each	Luminaire Extension Assembly, 15 Foot
730P022	24	Each	Vehicular Signal Head, 12 Inch, 3 Section, Type LED
730P023	4	Each	Vehicular Signal Head, 12 Inch, 4 Section, Type LED
730P024	1	Each	Vehicular Signal Head, 12 Inch, 5 Section, Type LED
730P100	8	Each	Pedestrian Signal Head, Type LED
730Q001	4	Each	Miscellaneous Equipment, Pedestrian Push Button
730Q005	4	Each	Miscellaneous Equipment, Pedestal Pole and Foundation
730R041	2	Each	Controller Assembly, Type NEMA, 16 Channels
730T010	2	Each	Electrical Power Service Assembly With Wood Pole
730U400	1	LS	Radar Detection System (McGregor Avenue at Airport Boulevard)
730U401	1	LS	Radar Detection System (McGregor Avenue at Berwyn Drive)
740B000	1,315	SQFT	Construction Signs
740D000	500	Each	Channelizing Drums
740E000	500	Each	Cones (36 Inches High)
740F002	90	Each	Barricades, Type III
740M001	500	Each	Ballast For Cone
742A001	7	Each	Portable Changeable Message Sign, Type 2
745A000	80	HOUR	Uniformed Police Officer
750Z220	1	LS	Roadway Lighting
756A042	558	LF	6 Inch Electrical Conduit, 2 Lines, Type 5 Installation