

**Alabama Department of Transportation**  
**Proposal Item Summary**

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**048. STPHV-4500(217)**

**MADISON COUNTY**

Contract Time: 320 Working Days

DBE Goal Percent: 8.00

for constructing the Widening and Realignment (Grading, Drainage, Pavement, Traffic Signs, Traffic Signals, and Traffic Stripe) on Church Street from the intersection of Monroe Street to east of the junction of Pratt Avenue and the Realignment of Pratt Avenue including Bridge Replacements over Pinhook Creek in Huntsville. Length 0.590 mi.

The Bracket Estimate on this project is from \$10,052,252 to \$12,286,086.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$98.00 per set.

*The Principal Items of work are approximately as follows:*

Item No.	Quantity	Units	Description
206A000	1	LS	Removal Of Old Bridge, Station 31+18.18
206A001	1	LS	Removal Of Old Bridge, Station 24+13.98
206C000	1,323	SQYD	Removing Concrete Sidewalk
206C002	1,790	SQYD	Removing Concrete Slope Paving
206C008	242	SQYD	Removing Concrete Median
206C023	780	SQYD	Removing Riprap
206D000	4,820	LF	Removing Pipe
206D001	31	LF	Removing Guardrail
206D003	7,382	LF	Removing Curb And Gutter
206D011	684	LF	Removing Fence
206D022	740	LF	Removing Retaining Wall
206D030	2,162	LF	Removing Utility Lines
206E000	6	Each	Removing Headwalls
206E001	44	Each	Removing Inlets
206E003	4	Each	Removing Manholes
206E008	4	Each	Removing Guardrail End Anchor (All Type)
206E042	4	Each	Removing Inlets (Partial)
210A000	48,313	CUYD	Unclassified Excavation
210D000	6,958	CUYD	Borrow Excavation
214A000	5,973	CUYD	Structure Excavation
214B001	1,230	CUYD	Foundation Backfill, Commercial
230A000	43	RBST	Roadbed Processing
260A001	65	CUYD	Cement Mortar Flowable Backfill, Mix 2
301A012	27,184	SQYD	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness
401A000	27,184	SQYD	Bituminous Treatment A
405A000	2,816	Gal	Tack Coat
407B000	4	Mile	Joint Sealant For Hot Mix Asphalt Pavement
408A052	16,735	SQYD	Planing Existing Pavement (Approximately 1.10" Thru 2.0" Thick)
410H000	1	Each	Material Remixing Device
424A360	2,885	Ton	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range C/D
424A365	100	Ton	Superpave Bituminous Concrete Wearing Surface Layer, Patching, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424A368	1,318	Ton	Superpave Bituminous Concrete Wearing Surface Layer, Leveling, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424B651	4,862	Ton	Superpave Bituminous Concrete Upper Binder Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D
424C360	3,515	Ton	Superpave Bituminous Concrete Base Layer, 1" Maximum Aggregate Size Mix, ESAL Range C/D

Item No.	Quantity	Units	Description
430B014	2,050	Ton	Aggregate Surfacing (ALDOT #410 Modified)
430B035	500	Ton	Aggregate Surfacing (ALDOT #467, #410 Modified Or #57)
450B000	566	SQYD	Reinforced Cement Concrete Bridge End Slab
502A000	231,916	LB	Steel Reinforcement
502B000	1	LS	Steel Reinforcement For Bridge Superstructure, Station 30+82.00, Approximately 135,294 Pounds
502B001	1	LS	Steel Reinforcement For Bridge Superstructure, Station 22+71.00, Approximately 134,752 Pounds
506A005	227	LF	Drilled Shaft Excavation, 3'-6" Diameter
506B002	335	LF	Special Drilled Shaft Excavation, 3'-6" Diameter
506C041	1,349	LF	Drilled Shaft Construction, 3'-6" Diameter, Class DS1 Concrete
506G001	2	Each	Crosshole Sonic Logging, 3'-6" Diameter
508A000	23,678	LB	Structural Steel
510A007	601	CUYD	Bridge Substructure Concrete
510C051	1	LS	Bridge Concrete Superstructure, Station 30+82.00, Approximately 672 Cubic Yards
510C052	1	LS	Bridge Concrete Superstructure, Station 22+71.00, Approximately 658 Cubic Yards
510E000	3,009	SQYD	Grooving Concrete Bridge Decks
511A058	92	Each	Elastomeric Bearing Type 2 (Mark B4 Modified)
513B015	4,707	LF	Pretensioned-Prestressed Concrete Girders, Type BT-54 (Specialty Item)
517A003	535	LF	Carbon Steel Handrail Custom Painted
517D000	840	LF	Sidewalk Handrail
529A020	2,337	SQFT	Retaining Wall # 1
529A021	240	SQFT	Retaining Wall # 2
529A022	1,614	SQFT	Retaining Wall # 3
530A001	564	LF	18" Roadway Pipe (Class 3 R.C.)
530A003	351	LF	30" Roadway Pipe (Class 3 R.C.)
530A004	38	LF	36" Roadway Pipe (Class 3 R.C.)
530A006	80	LF	48" Roadway Pipe (Class 3 R.C.)
530A008	186	LF	60" Roadway Pipe (Class 3 R.C.)
530A815	47	LF	15" Roadway Pipe (14 Gauge C.C.M.) (Stack Pipe)(No Bedding Required)
533A097	55	LF	15" Storm Sewer Pipe (Class 3 R.C.)
533A098	1,849	LF	18" Storm Sewer Pipe (Class 3 R.C.)
533A099	825	LF	24" Storm Sewer Pipe (Class 3 R.C.)
533A100	459	LF	30" Storm Sewer Pipe (Class 3 R.C.)
533A101	944	LF	36" Storm Sewer Pipe (Class 3 R.C.)
533A102	310	LF	42" Storm Sewer Pipe (Class 3 R.C.)
533A103	473	LF	48" Storm Sewer Pipe (Class 3 R.C.)
533A105	262	LF	60" Storm Sewer Pipe (Class 3 R.C.)
600A000	1	LS	Mobilization
602A000	48	Each	Right Of Way Markers
602C000	15	Each	Permanent Easement Marker
603A001	1	Each	Furnishing Type 2 Field Office
610C001	3,928	Ton	Loose Riprap, Class 2
610D003	2,946	SQYD	Filter Blanket, Geotextile
614A000	142	CUYD	Slope Paving
618A000	3,367	SQYD	Concrete Sidewalk, 4" Thick
619A002	4	Each	18" Roadway Pipe End Treatment, Class 1
619A003	1	Each	24" Roadway Pipe End Treatment, Class 1
619A006	1	Each	42" Roadway Pipe End Treatment, Class 1
619A007	2	Each	48" Roadway Pipe End Treatment, Class 1
619A009	1	Each	60" Roadway Pipe End Treatment, Class 1
620A000	3	CUYD	Minor Structure Concrete
621A002	8	Each	Junction Boxes, Type 4 Or 2P
621A003	1	Each	Junction Boxes, Type 4 Or 1P
621A011	3	Each	Junction Boxes, Type 1 Or 1P

Item No.	Quantity	Units	Description
621A019	1	Each	Junction Boxes, Type 1 Or 2P
621A057	4	Each	Junction Boxes, Type Partial
621B002	6	Each	Junction Box Units, Type 4 Or 2P
621B014	1	Each	Junction Box Units, Type 1 Or 2P
621C001	2	Each	Inlets, Type B
621C008	1	Each	Inlets, Type E
621C015	27	Each	Inlets, Type S1 Or S3 (1 Wing)
621C016	9	Each	Inlets, Type S2 Or S4 (1 Wing)
621C017	11	Each	Inlets, Type S1 Or S3 (2 Wing)
621C018	3	Each	Inlets, Type S2 Or S4 (2 Wing)
621C027	1	Each	Inlets, Type C
621C094	1	Each	Inlets, Type S1 Or S3 (Partial)
621C109	1	Each	Inlets, Type PD
621D015	26	Each	Inlet Units, Type S1 Or S3
621D016	20	Each	Inlet Units, Type S2 Or S4
621D109	3	Each	Inlet Units, Type PD
621I004	1	Each	Stilling Basins, Type 4
623A001	1,173	LF	Concrete Gutter (Valley)
623C000	7,391	LF	Combination Curb & Gutter, Type C
629A108	217	LF	Concrete Median or Safety Barrier, Type CSF-4A (Modified)
630A001	88	LF	Steel Beam Guardrail, Class A, Type 2
630C003	4	Each	Guardrail End Anchor, Type 13
630C080	4	Each	Guardrail End Anchor, Type 20 Series (MASH)
634A010	85	LF	Industrial Fence, 6 Feet High (With Top Rail)
637A001	110	LF	Fence Reset (Includes All Types)
641A612	1,039	LF	6 Inch Ductile Iron Water Main Laid
641A614	2,938	LF	8 Inch Ductile Iron Water Main Laid
641A618	3,234	LF	12 Inch Ductile Iron Water Main Laid
641A688	20	LF	12 Inch Ductile Iron Water Main Laid (Restrained Joint)
641C500	3,770	LB	Ductile Iron Fittings
641D500	10	Each	Fire Hydrant
641J516	19	Each	6 Inch Gate Valve With Box
641J518	13	Each	8 Inch Gate Valve With Box
641J522	8	Each	12 Inch Gate Valve With Box
641L500	60	CUYD	Concrete for Water Mains (Thrust Blocks)
641M512	78	Each	6 Inch Retainer Gland
641M514	87	Each	8 Inch Retainer Gland
641M518	61	Each	12 Inch Retainer Gland
641N510	1	Each	6 Inch x 6 Inch Anchor Tee
641N520	3	Each	8 Inch x 6 Inch Anchor Tee
641N540	7	Each	12 Inch x 6 Inch Anchor Tee
641O554	1	Each	12 Inch x 12 Inch Tapping Valve And Sleeve
641Q510	29	Each	3/4 Inch Water Meter And Box Set
641Q515	7	Each	1 Inch Water Meter And Box Set
641Q517	2	Each	1 1/2 Inch Water Meter and Box Set
641Q520	2	Each	2 Inch Water Meter And Box Set
645K500	9	Each	Manhole Frame And Cover Reset
649A545	201	LF	16 Inch Steel Encasement Pipe, Type 1 Installation
649A560	166	LF	24 Inch Steel Encasement Pipe, Type 1 Installation
649A660	221	LF	24 Inch Steel Encasement Pipe, Type 2 Installation
650A000	1,574	CUYD	Topsoil
652A100	9	Acre	Seeding
654A001	1,862	SQYD	Solid Sodding (Bermuda)
656A010	4	Acre	Mulching
665J002	8,841	LF	Silt Fence

Item No.	Quantity	Units	Description
665O001	8,841	LF	Silt Fence Removal
665P005	77	Each	Inlet Protection, Stage 3 Or 4
665Q002	1,540	LF	Wattle
666A001	4	Acre	Pest Control Treatment
680A001	1	LS	Geometric Controls
698A000	1	LS	Construction Fuel (Maximum Bid Limited to \$ \$491,610.00)
701A227	2	Mile	Solid White, Class 2, Type A Traffic Stripe (5" Wide)
701A230	3	Mile	Solid Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701A239	2	Mile	Broken White, Class 2, Type A Traffic Stripe (5" Wide)
701A244	2	Mile	Broken Yellow, Class 2, Type A Traffic Stripe (5" Wide)
701B207	1,229	LF	Dotted, Class 2, Type A Traffic Stripe (5" Wide)
701C001	5	Mile	Solid Temporary Traffic Stripe
701D007	6	Mile	Solid Traffic Stripe Removed (Paint)
701G146	925	LF	Solid White, Class W, Type A Traffic Stripe (5"Wide)
701G150	502	LF	Broken Yellow, Class W, Type A Traffic Stripe (5" Wide)
701G154	842	LF	Solid Yellow, Class W, Type A Traffic Stripe (5" Wide)
701G242	838	LF	Broken White, Class 2, Type A Traffic Stripe (5" Wide)
703A002	5,182	SQFT	Traffic Control Markings, Class 2, Type A
703A011	17	SQFT	Traffic Control Markings, Class W, Type A
703B002	702	SQFT	Traffic Control Legends, Class 2, Type A
703B011	23	SQFT	Traffic Control Legends, Class W, Type A
703C001	3,286	SQFT	Removal Of Existing Traffic Control Markings Or Legends (Plastic)
703D001	1,792	SQFT	Temporary Traffic Control Markings
705A011	64	Each	Pavement Markers, Class C, Type 1-A
705A012	160	Each	Pavement Markers, Class C, Type 1-B
705A030	148	Each	Pavement Markers, Class A-H, Type 2-C
705A031	42	Each	Pavement Markers, Class A-H, Type 1-A
705A037	248	Each	Pavement Markers, Class A-H, Type 2-D
710A115	184	SQFT	Class 4, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type III Or Type IV Background)
710A126	62	SQFT	Class 8, Aluminum Flat Sign Panels 0.08" Thick Or Steel Flat Sign Panels 14 Gauge (Type IX Background)
710B021	481	LF	Roadway Sign Post (#3 U Channel, Galvanized Steel or 2 ", 14 Ga Square Tubular Steel)
726A000	100	LF	Portable Concrete Safety Barriers, Type 6
730A000	1	LS	Removal Of Existing Traffic Control Unit ( Church Street at Pratt Avenue)
730C000	1	LS	Furnishing And Installing Traffic Control Unit ( Church Street at Pratt Avenue)
730E000	4	Each	Metal Traffic Signal Pole Foundation
730F000	2	Each	Metal Traffic Signal Pole With 60' Mast Arm Assembly
730F001	2	Each	Metal Traffic Signal Pole With 45' Mast Arm Assembly
730H001	2,624	LF	Loop Wire
730I001	1,395	LF	Loop Detector Lead-In-Cable
730J010	14	Each	Vehicle Loop Detector
730K000	10	Each	Traffic Signal Junction Box
730L002	15	LF	1", Metallic, Conduit
730L003	30	LF	1", Non-Metallic, Conduit
730L005	844	LF	2", Non-Metallic, Conduit
730L007	811	LF	3", Non-Metallic, Conduit
730N000	4	Each	Luminaire Extension Assembly, 12'
730P022	12	Each	Vehicular Signal Head, 12 Inch, 3 Section, Type LED
730P023	2	Each	Vehicular Signal Head, 12 Inch, 4 Section, Type LED
730Q011	8	Each	Pedestrian Signal Head, Type LED
730R022	1	Each	Controller Assembly, Type III, 8 Phase
730T000	1	Each	Wood Pole
740B000	1,054	SQFT	Construction Signs
740D000	100	Each	Channelizing Drums

Item No.	Quantity	Units	Description
740E000	100	Each	Cones (36 Inches High)
740F002	33	Each	Barricades, Type III
740I002	9	Each	Warning Lights, Type B
740M001	100	Each	Ballast For Cone
741C010	1	Each	Portable Sequential Arrow And Chevron Sign Unit
750D200	22	Each	Electrical Junction Box, Type 1
750E115	2,835	LF	Conduit, 2 Inch, Rigid Nonmetallic
750E117	140	LF	Conduit, 3 Inch, Rigid Nonmetallic
756A022	210	LF	4" Electrical Conduit, 1 Line, Type 5 Installation
756A028	725	LF	6" Electrical Conduit, 1 Line, Type 5 Installation
756A029	364	LF	5" Electrical Conduit, 2 Lines, Type 5 Installation