

**Alabama Department of Transportation
Proposal Item Summary**

004. CRPIM-I565(320)

MADISON AND LIMESTONE COUNTIES

Contract Time: 180 Working Days

DBE Goal Percent: 1.00

for constructing the Installation of ITS Infrastructure (Communications, Detection, Monitoring, and Messaging) to support Advanced Corridor Management TSMO on I-565 from the Mooresville Road Interchange (MP 1.100) to the SR-2 (US-72) Interchange (MP 21.800) in Huntsville. Length 10.496 mi.

The Bracket Estimate on this project is from \$3,841,189 to \$4,694,787.

A Bidding Proposal may be purchased for \$5.00. Plans may be purchased for \$33.00 per set.

The Principal Items of work are approximately as follows:

Item No.	Quantity	Units	Description
201B001	1	Acre	Selective Clearing
206D001	40	LF	Removing Guardrail
206E008	2	Each	Removing Guardrail End Anchor (All Type)
210D000	45	CUYD	Borrow Excavation
600A000	1	LS	Mobilization
620A000	21	CUYD	Minor Structure Concrete
630A021	690	LF	Steel Beam Guardrail, Class A, Type 2 (Steel Post)
630C077	5	Each	Guardrail End Anchor, Type 8 (MASH)
630C079	1	Each	Guardrail End Anchor, Type 13 (MASH)
630C080	4	Each	Guardrail End Anchor, Type 20 Series (MASH)
652A100	1	Acre	Seeding
656A010	1	Acre	Mulching
665J002	14,000	LF	Silt Fence
665O001	14,000	LF	Silt Fence Removal
665Q002	1,000	LF	Wattle
715A001	1	LS	Overhead Roadway Sign Structure No. 1
715A002	1	LS	Overhead Roadway Sign Structure No. 2
715A003	1	LS	Overhead Roadway Sign Structure No. 3
729A006	57,725	LF	Fiber Optic Trunk Cable, 144F
729A101	4,230	LF	Fiber Optic Drop Cable, 12F
729B000	3	Each	Fiber Distribution Unit, Primary
729B010	7	Each	Fiber Distribution Unit, Secondary
729B020	15	Each	Fan-Out Kit
729C000	1	Each	Network Device, Type A (CMES)
729C020	7	Each	Network Device, Type C (FMES)
729D100	11	Each	Camera, Positioner (Type A)
729F040	3	Each	Dynamic Message Sign, Walk-In (Size W-1)
729G060	2	Each	Environmental Sensor, Combined Weather Package
729G110	2	Each	Environmental Sensor, Remote Road Pavement Temperature
729G200	2	Each	Environmental Sensor, Data Processing Unit (DPU)/Controller Package
729I100	5,340	LF	Conduit, Underground, Non-Metallic, 1 1/2 Inch
729I101	7,630	LF	Conduit, Underground, Non-Metallic, 2 Inch
729I103	85	LF	Conduit, Underground, Non-Metallic, 3 Inch
729I108	46,690	LF	Conduit, Underground, Non-Metallic, 2 X 2 Inch
729I201	3,890	LF	Conduit, Rigid Metallic, 2 Inch
729I701	1,280	LF	Conductor, 6 AWG
729I702	20,540	LF	Conductor, 4 AWG
729I703	3,720	LF	Conductor, 2 AWG

Item No.	Quantity	Units	Description
729I705	24,300	LF	Conductor, 1/0 AWG
729I800	49,490	LF	Locate Tone Wire
729J014	1	Each	ITS Cabinet, Base Mount, Type 336S
729J016	1	Each	ITS Cabinet, Base Mount, Type Hub (Quad)
729J024	13	Each	ITS Cabinet, Pole Mount, Type 336S
729K050	10	Each	Electrical Power Service (ITS Cabinet)
729K051	3	Each	Electrical Power Service (DMS Cabinet)
729K052	1	Each	Electrical Power Service (Hub Cabinet)
729K101	8	Each	Transformer (7.5 kVA)
729K103	4	Each	Transformer (15 kVA)
729L007	7	Each	Pole, Concrete (70 FT AGL)
729L012	2	Each	Pole, Concrete (120 FT AGL)
729L125	1	Each	Pole, Steel (25 FT AGL)
729N000	654	Each	Miscellaneous Infrastructure, Fusion Splicing
729N112	7	Each	Miscellaneous Infrastructure, Splice Closure, Underground, 24 Fiber
729N118	1	Each	Miscellaneous Infrastructure, Splice Closure, Underground, 144 Fiber
729N301	58	Each	Miscellaneous Infrastructure, CommBox, Type F1
729N302	23	Each	Miscellaneous Infrastructure, CommBox, Type F2
729N303	1	Each	Miscellaneous Infrastructure, CommBox, Type F3
729N311	45	Each	Miscellaneous Infrastructure, CommBox, Type E1
729N400	14	Each	Miscellaneous Infrastructure, Pull Box (24 In X 24 In X 12 In)
729N500	55	Each	Miscellaneous Infrastructure, Fiber Marker Post
729N600	1	Each	Miscellaneous Infrastructure, UPS
740B000	824	SQFT	Construction Signs
740D000	100	Each	Channelizing Drums
741C010	4	Each	Portable Sequential Arrow And Chevron Sign Unit
756A028	2,935	LF	6" Electrical Conduit, 1 Line, Type 5 Installation