

Estimated Quantities -- Letting September 01, 2017

Quantities shown are for information only and should not be used for bidding purposes. The official bid files should be obtained from www.bidx.com

Contract ID CMGC02 - SHELBY

Item No.	Description	Quantity	Units
105-01	CONSTRUCTION STAKES, LINES AND GRADES	(1)	LS
201-01	CLEARING AND GRUBBING	(1)	LS
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(1)	LS
202-03	REMOVAL OF RIGID PAVEMENT, SIDEWALK, ETC.	1,574.000	S.Y.
202-03.01	REMOVAL OF ASPHALT PAVEMENT	6,820.000	S.Y.
202-04.06	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (EX. O.H. SIGNS AND SUPPORTS)	(1)	LS
202-11	CONSTRUCTION & REMOVAL OF TEMPORARY STRUCTURES	(1)	LS
202-12	CONSTRUCTION & REMOVAL OF TEMPORARY RUNAROUND	(1)	LS
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED)	18,829.000	C.Y.
203-03.01	BORROW EXCAVATION (SELECT MATERIAL)	5,961.000	C.Y.
203-04	PLACING AND SPREADING TOPSOIL	787.000	C.Y.
203-06	WATER	321.000	M.G.
204-08.01	BACKFILL MATERIAL (FLOWABLE FILL)	50.000	C.Y.
209-05	SEDIMENT REMOVAL	35.000	C.Y.
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	3,514.000	L.F.
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING)	12,928.000	L.F.
209-08.07	ROCK CHECK DAM PER	5.000	EACH
209-08.08	ENHANCED ROCK CHECK DAM	10.000	EACH
209-09.01	SANDBAGS	450.000	BAG
209-09.02	TEMPORARY SEDIMENT FILTER BAG (14'6" X 2'0" X 13'3")	4.000	BAG
209-09.43	CURB INLET PROTECTION (TYPE 4)	20.000	EACH
209-20.04	POLYETHYLENE SHEETING (10 MIL.)	111.000	S.Y.

Contract ID CMGC02 - SHELBY

Item No.	Description	Quantity	Units
209-40.33	CATCH BASIN PROTECTION (TYPE D)	12.000	EACH
303-01.09	MINERAL AGGREGATE, TYPE A BASE,GRADING D LIMESTONE	23,670.000	TON
303-10.01	MINERAL AGGREGATE (SIZE 57)	5,598.000	TON
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	860.000	TON
307-02.02	ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S	16.000	TON
307-02.03	AGGREGATE (BPMB-HM) GRADING A-S MIX	490.000	TON
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	952.000	TON
307-03.01	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING A	1,314.000	TON
307-03.02	PERF. GRADE ASPH. CEMENT(PG76-22)GRADING AS	21.000	TON
307-03.03	AGGREGATE(BPMB-HM) GRADING AS	614.000	TON
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	1,147.000	TON
313-03	TREATED PERMEABLE BASE	3,571.000	S.Y.
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	21.000	TON
402-02	AGGREGATE FOR COVER MATERIAL (PC)	86.000	TON
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	71.000	TON
407-20.05	SAW CUTTING ASPHALT PAVEMENT	4,390.000	L.F.
411-01.07	ACS MIX (PG64-22) GRADING E SHOULDER	2,450.000	TON
411-02.10	ACS MIX(PG70-22) GRADING D	1,115.000	TON
411-03.10	ACS MIX(PG76-22) GRADING D	5,989.000	TON
411-12.01	SCORING SHOULDERS (CONTINUOUS) (16IN WIDTH)	1.200	L.M.
415-01.02	COLD PLANING BITUMINOUS PAVEMENT	123,503.000	S.Y.
501-01.03	PORTLAND CEMENT CONCRETE PAVEMENT (PLAIN) 10"	3,571.000	S.Y.
502-04.01	SAWING CONCRETE PAVEMENT (FULL DEPTH)	60.000	L.F.
604-01.20	BOX TUBE SAFETY RAIL	98.000	L.F.
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	1,005.000	L.F.

Contract ID CMGC02 - SHELBY

Item No.	Description	Quantity	Units
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	250.000	L.F.
607-07.02	36" CONCRETE PIPE CULVERT (CLASS III)	219.000	L.F.
607-60.18	36" STEEL PIPE CULVERT (JACK-IN-PLACE)	212.000	L.F.
610-07.03	18" PIPE DRAIN (BRIDGE DRAIN)	90.000	L.F.
611-01.20	ADJUSTMENT OF EXISTING MANHOLE	2.000	EACH
611-02.10	JUNCTION BOX, TYPE 1	1.000	EACH
611-02.11	JUNCTION BOX, TYPE 2	7.000	EACH
611-02.14	JUNCTION BOX, TYPE 5	1.000	EACH
611-07.01	CLASS A CONCRETE (PIPE ENDWALLS)	3.000	C.Y.
611-07.02	STEEL BAR REINFORCEMENT (PIPE ENDWALLS)	135.000	LB.
611-07.55	18IN ENDWALL (CROSS DRAIN) 4:1	1.000	EACH
611-09.01	ADJUSTMENT OF EXISTING CATCHBASIN	19.000	EACH
611-09.02	REWORK CATCHBASIN	11.000	EACH
611-12.01	CATCH BASINS, TYPE 12, 0' - 4' DEPTH	3.000	EACH
611-12.02	CATCH BASINS, TYPE 12, > 4' - 8' DEPTH	1.000	EACH
611-12.03	CATCH BASINS, TYPE 12, > 8' - 12' DEPTH	1.000	EACH
611-38.01	CATCH BASINS, TYPE 38, 0' - 4' DEPTH	1.000	EACH
611-38.02	CATCH BASINS, TYPE 38, > 4' - 8' DEPTH	2.000	EACH
611-38.04	CATCH BASINS, TYPE 38, > 12' - 16' DEPTH	1.000	EACH
611-41.01	CATCH BASINS, TYPE 41, 0' - 4' DEPTH	3.000	EACH
611-41.02	CATCH BASINS, TYPE 41, > 4' - 8' DEPTH	4.000	EACH
611-42.01	CATCH BASINS, TYPE 42, 0' - 4' DEPTH	2.000	EACH
611-42.02	CATCH BASINS, TYPE 42, > 4' - 8' DEPTH	2.000	EACH
611-51.02	CATCH BASINS, TYPE 51, > 4' - 8' DEPTH	2.000	EACH
611-52.02	CATCH BASINS, TYPE 52, > 4FT - 8FT DEPTH	1.000	EACH
621-03.02	18" TEMPORARY DRAINAGE PIPE	45.000	L.F.
701-01.01	CONCRETE SIDEWALK (4 ")	9,974.000	S.F.
701-02.03	CONCRETE CURB RAMP	440.000	S.F.
702-03	CONCRETE COMBINED CURB & GUTTER	64.000	C.Y.
703-01	CEMENT CONCRETE DITCH PAVING	62.000	C.Y.

Contract ID CMGC02 - SHELBY

Item No.	Description	Quantity	Units
705-01.01	GUARDRAIL AT BRIDGE ENDS	377.000	L.F.
705-03.04	MEDIAN DIVIDER GUARDRAIL AT CONCRETE BARRIER	25.000	L.F.
705-06.01	W BEAM GR (TYPE 2) MASH TL3	869.000	L.F.
705-06.10	GR TERMINALTRAILING END (TYPE 13) MASH TL3	2.000	EACH
705-06.20	TANGENT ENERGY ABSORBING TERM MASH TL-3	10.000	EACH
705-20.25	TEMPORARY CRASH CUSHION (MASH TL-3)	63.000	EACH
706-01	GUARDRAIL REMOVED	1,011.000	L.F.
707-01.11	CHAIN LINK FENCE (6 FOOT)	903.000	L.F.
707-01.12	END & CORNER POST ASSEMBLY(CHAIN-LINK FENCE 6')	12.000	EACH
707-06.01	REMOVAL OF FENCE (DESCRIPTION) (CHAINLINK)	903.000	L.F.
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE	3,600.000	L.F.
707-11.01	PEDESTRIAN CONSTRUCTION BARRIER FENCE	500.000	L.F.
709-05.05	MACHINED RIP-RAP (CLASS A-3)	622.000	TON
709-05.06	MACHINED RIP-RAP (CLASS A-1)	1,530.000	TON
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	5,751.000	L.F.
710-05	LATERAL UNDERDRAIN	500.000	L.F.
710-06.12	LATERAL UNDERDRAIN ENDWALL (3:1)	5.000	EACH
710-06.15	LATERAL UNDERDRAIN ENDWALL (6:1)	10.000	EACH
711-01.01	CONCRETE MEDIAN BARRIER (MODIFIED)	120.000	L.F.
711-05.01	REMOVAL & DISPOSAL OF CONCRETE MEDIAN BARRIER	4,080.000	L.F.
711-05.71	51IN SINGLE SLOPE CONCRETE BARRIER WALL	3,529.000	L.F.
711-05.72	SINGLE SLOPE HALF CONCRETE BARRIER WALL	2,624.000	L.F.
711-05.77	FLARED S/S CONCRETE MEDIAN BARRIER WALL	561.000	L.F.
712-01	TRAFFIC CONTROL	(1)	LS
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	51,097.000	L.F.
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	1,872.000	EACH
712-04.50	PORTABLE BARRIER RAIL DELINEATOR	1,542.000	EACH
712-05.01	WARNING LIGHTS (TYPE A)	174.000	EACH

Contract ID CMGC02 - SHELBY

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712-06	SIGNS (CONSTRUCTION)	8,192.000	S.F.
712-07.03	TEMPORARY BARRICADES (TYPE III)	1,080.000	L.F.
712-08.01	UNIFORMED POLICE OFFICER	284,000.000	DOLL
712-08.03	ARROW BOARD (TYPE C)	32.000	EACH
712-08.10	MOBILE MESSAGE SIGN UNIT W/ATTENUATOR	3,770.000	HOUR
713-01.01	CLASS A CONCRETE (FOUNDATION FOR SIGN SUPPORTS)	3.000	C.Y.
713-01.02	STEEL BAR REINFORCEMENT(FOUNDATION FOR SIGN SUPPORTS)	715.000	LB.
713-02.14	FLEXIBLE DELINEATOR (WHITE)	100.000	EACH
713-02.15	FLEXIBLE DELINEATOR (YELLOW)	100.000	EACH
713-06	STEEL I-BEAMS & WF-BEAMS(BREAKAWAY) SIGN SUPPORT	4,414.000	LB.
713-09.01	STEEL OVERHEAD SIGN STRUCTURE (SPAN____) (SPAN 85'-0")	1.000	EACH
713-11.02	PERFORATED/KNOCKOUT SQUARE TUBE POST	31.000	LB.
713-11.05	SQUARE TUBE SIGN SUPPORT	380.000	LB.
713-13.02	FLAT SHEET ALUMINUM SIGNS (0.080" THICK)	60.000	S.F.
713-13.03	FLAT SHEET ALUMINUM SIGNS (0.100" THICK)	269.000	S.F.
713-13.04	FLAT SHEET ALUMINUM SIGNS (0.125" THICK)	60.000	S.F.
713-14	EXTRUDED ALUMINUM PANEL SIGNS	1,083.000	S.F.
713-15	REMOVAL OF SIGNS, POSTS AND FOOTINGS	(1)	LS
713-15.11	SIGN SUPPORT ASSEMBLY ON BRIDGES (SIGN NO) (SIGN NOS. 24, 25, 26, 27)	(1)	LS
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	40.000	EACH
713-16.41	RELOCATE SIGN	(1)	LS
713-17.02	INSTALL AUXILIARY SUPPORT FOR EXIT NUMBER PANEL	2.000	EACH
713-30.09	BARRIER MOUNTED SIGN SUPPORT (SMALL)	5.000	EACH
713-30.10	BARRIER MOUNTED SIGN SUPPORT (PERF/KNOCKOUT) (LARGE)	4.000	EACH
714-03	JACKED OR BORED CONDUIT	64.000	L.F.
714-03.01	DIRECT BURIAL CONDUIT (2" PVC, SCHEDULE 40)	2,199.000	L.F.

Contract ID CMGC02 - SHELBY

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714-04.02	CONDUIT (STRUCTURES - 2" RGS)	1,162.000	L.F.
714-05.05	PULL BOXES (DESCRIPTION) (6" x 6" x 4")	12.000	EACH
714-05.06	PULL BOXES (DESCRIPTION) (12" x 10" x 6")	4.000	EACH
714-05.07	PULL BOXES (DESCRIPTION) (MEMPHIS STANDARD)	4.000	EACH
714-06.05	CABLE (1/C # 6 AWG)	2,947.000	L.F.
714-06.06	CABLE (1/C # 4 AWG)	13,943.000	L.F.
714-06.07	CABLE (1/C # 2 AWG)	8,075.000	L.F.
714-08.09	LIGHT STANDARDS (DESCRIPTION) (25' POLE HEIGHT)	1.000	EACH
714-09.07	LUMINAIRES (150 WATT - UNDERPASS)	19.000	EACH
714-30	AS-BUILT PLANS	1.000	LS
716-01.05	TEMPORARY RAISED PAVEMENT MARKER	2,000.000	EACH
716-01.23	Snwplwble Pvmt Mrks (Bi-Dir)(2 Color)	650.000	EACH
716-01.30	REMOVAL OF SNOWPLOWABLE REFLECTIVE MARKER	352.000	EACH
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	58.000	L.F.
716-02.07	PLASTIC PAVEMENT MARKING (24" BARRIER LINE)	1,662.000	L.F.
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	120.000	L.F.
716-04.14	PLASTIC PAVEMENT MARKING (LANE REDUCTION ARROW)	2.000	EACH
716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	3.000	L.M.
716-05.02	PAINTED PAVEMENT MARKING (8" BARRIER LINE)	20.000	L.F.
716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	3.000	L.M.
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	45.000	L.M.
716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	1.000	L.M.
716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	9.000	L.M.
716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	4,427.000	L.F.
716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	1,135.000	L.F.

Contract ID CMGC02 - SHELBY

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716-12.09	ENHANCED FLAT LINE THERMO (12IN LINE)	627.000	L.F.
717-01	MOBILIZATION	(1)	LS
725-03.28	RAILROAD FLAGMAN	200.000	DAY
725-20.44	PULL BOX (TYPE D)	5.000	EACH
725-20.45	PULL BOX (TYPE E)	3.000	EACH
725-21.91	RADAR DETECTION SYSTEM	1.000	EACH
725-21.96	RDS COMM CABLE	960.000	L.F.
725-22.21	CONDUIT BANK (TYPE 1)	750.000	L.F.
725-22.24	CONDUIT BANK (TYPE 4)	1,080.000	L.F.
725-22.32	CONDUIT BANK BORED (TYPE 2)	150.000	L.F.
725-22.34	CONDUIT BANK BORED (TYPE 4)	1,485.000	L.F.
725-23.01	ITS CABLE MARKER	8.000	EACH
725-23.11	FIBER OPTIC CABLE (60 F)	3,585.000	L.F.
725-23.23	FIBER OPTIC DROP CABLE (4 F)	2,305.000	L.F.
725-23.25	FIBER OPTIC CLOSURE (72 F)	1.000	EACH
725-23.28	FIBER OPTIC SPLICE FUSION	128.000	EACH
725-23.31	FIBER OPTIC DROP PANEL (12 F)	2.000	EACH
725-24.01	CABINET (TYPE A)	1.000	EACH
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL)	2,396.000	S.Y.
740-11.02	TEMPORARY SEDIMENT TUBE 12IN	1,000.000	L.F.
740-11.03	TEMPORARY SEDIMENT TUBE 18IN	1,000.000	L.F.
797-06.90	OPEN CUT 16IN STEEL CASING PIPE	40.000	L.F.
801-01	SEEDING (WITH MULCH)	53.000	UNIT
801-01.65	TEMPORARY MULCH	100.000	UNIT
801-02	SEEDING (WITHOUT MULCH)	32.000	UNIT
801-02.15	FERTILIZER	1.000	TON
801-03	WATER (SEEDING & SODDING)	4.000	M.G.
801-07	SEED (SUPPLEMENTAL APPLICATION)	12.000	LB.
803-01	SODDING (NEW SOD)	11,250.000	S.Y.
805-12.02	EROSION CONTROL BLANKET (TYPE II)	1,000.000	S.Y.

Contract ID CMGC02 - SHELBY

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805-12.03	EROSION CONTROL BLANKET (TYPE III)	1,000.000	S.Y.
806-02.03	PROJECT MOWING	6.000	CYCL
202-01.05	REMOVAL OF ASBESTOS (#) (BRIDGE NO. 1)	1.000	LS
202-01.06	REMOVAL OF ASBESTOS (#) (BRIDGE NO. 2)	1.000	LS
202-01.07	REMOVAL OF ASBESTOS (#) (BRIDGE NO. 3)	1.000	LS
202-04.01	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (BRIDGE NO. 79-I0240-15.59)	(1)	LS
202-04.02	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (PARTIAL, BRIDGE NO. 79-I0240-15.44)	(1)	LS
202-04.03	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (SLOPE PAVING AT ABUTMENT 1 & 2)	(1)	LS
202-04.04	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (EXISTING NSR BRIDGE)	(1)	LS
202-04.05	REMOVAL OF STRUCTURES (DESCRIPTION, STA.) (TEMPORARY SHOO-FLY SUBSTRUCTURE)	(1)	LS
203-01.79	EXCAVATION/BACKFILL	5,037.000	C.Y.
203-02.01	BORROW EXCAVATION (GRADED SOLID ROCK)	269.000	TON
204-02.01	DRY EXCAVATION (BRIDGES)	16,591.000	C.Y.
204-15	CORE DRILLING FOR PILES(SOIL)	480.000	L.F.
303-01.02	GRANULAR BACKFILL (BRIDGES)	15,976.000	TON
602-02.01	STRUCTURAL STEEL (LOCATION & DESCRIPTION) (WALL 13 SOLDIER PILES)	89,431.000	LB.
602-02.10	STRUCTURAL STEEL (LOCATION & DESCRIPTION) (INSTALLATION OF SOLDIER PILES)	(1)	LS
602-04.01	STEEL STRUCTURES (LOCATION & DESCRIPTION) (WB POPLAR, BRIDGE NO. 79-I0240-15.59)	(1)	LS
602-04.02	STEEL STRUCTURES (LOCATION & DESCRIPTION) (EB POPLAR, BRIDGE NO. 79-I0240-15.44)	(1)	LS
602-04.98	STEEL STRUCTURES (LOCATION & DESCRIPTION) (WB POPLAR, MATERIAL ONLY, 1,228,215 LBS.)	(1)	LS
602-04.99	STEEL STRUCTURES (LOCATION & DESCRIPTION) (EB POPLAR, MATERIAL ONLY, 573,770 LBS.)	(1)	LS
602-10.05	BRACING REPAIRS	(1)	LS
602-10.60	BEARING DEVICE (DESCRIPTION) (FIXED BEARING ASSEMBLY, PIERS)	44.000	EACH

Contract ID CMGC02 - SHELBY

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602-10.61	BEARING DEVICE (DESCRIPTION) (STEEL REINFORCED ELASTOMERIC, ABUTMENTS)	44.000	EACH
603-01	PAINT STEEL STRUCTURE	(1)	LS
604-02.03	EPOXY COATED REINFORCING STEEL	370,029.000	LB.
604-02.10	REINFORCEMENT STEEL (ASTM A706)	48,037.000	LB.
604-03.01	CLASS A CONCRETE (BRIDGES)	2,010.000	C.Y.
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	467,667.000	LB.
604-03.04	PAVEMENT @ BRIDGE ENDS	422.000	S.Y.
604-03.07	CLASS A CONCRETE (DESCRIPTION) (HIGH EARLY STRENGTH)	142.000	C.Y.
604-03.08	CLASS A CONCRETE (DESCRIPTION) (SOLDIER PILE FOOTING)	350.000	C.Y.
604-03.09	CLASS D CONCRETE (BRIDGE DECK)	874.000	C.Y.
604-03.40	SEISMIC MODIFICATION (DESCRIPTION) (STEEL RESTRAINER ASSEMBLY)	200.000	EACH
604-03.74	CLASS X CONCRETE	85.000	C.Y.
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	3,524.000	S.Y.
604-04.02	APPLIED TEXTURE FINISH (EXISTING STRUCTURES)	2,300.000	S.Y.
604-04.03	BRIDGE END DRAINS(2'X8')	2.000	EACH
604-04.41	THREE STAR STATE EMBLEM	8.000	EACH
604-07.04	RETAINING WALL (DESCRIPTION) (ANCHORED SOLDIER PILE WALL BELOW NSR BRIDGE)	1,525.000	S.F.
604-07.09	RETAINING WALL (DESCRIPTION) (SOIL NAIL STABILIZATION)	5,300.000	S.F.
604-07.10	RETAINING WALL (DESCRIPTION) (WB MSE WINGWALL)	665.000	S.F.
604-07.11	RETAINING WALL (DESCRIPTION) (EB MSE WINGWALL)	676.000	S.F.
604-07.12	RETAINING WALL (DESCRIPTION) (EB MSE WINGWALL)	911.000	S.F.
604-09.10	CLASS A CONCRETE (DESCRIPTION) (RETAINING WALLS)	805.000	C.Y.
604-10.29	CONCRETE SLOPE PAVING REPAIRS	479.000	S.Y.
604-10.39	PRECAST REINFORCED CONCRETE UNITS	1,465.000	S.F.

Contract ID CMGC02 - SHELBY

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604-10.43	PENETRATING WATER REPELLENT CONCRETE SEAL	716.000	S.Y.
604-10.44	EXPANSION JOINT REPAIRS	144.000	L.F.
604-12.15	DRILL & GROUT STEEL BARS	2,982.000	EACH
604-36.10	BRIDGE DECK REPAIRS	3.000	S.Y.
604-50.10	MECHANICAL COUPLER	748.000	EACH
605-03	WATERPROOFING RAILROAD BRIDGE DECK	11,282.000	S.Y.
605-05	DAMPPROOFING (RAILROAD STRUCTURES)	5,526.000	S.Y.
606-02.01	TEST PILES (STEEL PILES, 10 INCH)	181.000	L.F.
606-02.02	LOADING TEST (STEEL PILES, 10 INCH)	3.000	EACH
606-02.03	STEEL PILES (10 INCH)	5,195.000	L.F.
606-02.06	PILE TIPS (STEEL PILES, 10 INCH)	160.000	EACH
606-03.01	TEST PILES (STEEL PILES, 12 INCH)	309.000	L.F.
606-03.02	LOADING TEST (STEEL PILES, 12 INCH)	2.000	EACH
606-03.03	STEEL PILES (12 INCH)	12,201.000	L.F.
606-03.06	PILE TIPS (STEEL PILES, 12 INCH)	224.000	EACH
606-04.01	TEST PILES (STEEL PILES, 14 INCH)	164.000	L.F.
606-04.02	LOADING TEST (STEEL PILES, 14 INCH)	3.000	EACH
606-04.03	STEEL PILES (14 INCH)	2,094.000	L.F.
606-04.06	PILE TIPS (STEEL PILES, 14 INCH)	57.000	EACH
606-27.11	TEST PILES (7.625 INCH MICROPILE)	61.000	L.F.
606-27.12	VERIFICATION LOADING TEST (7.625 INCH MICROPILE)	1.000	EACH
606-27.13	MICROPILE TYPE B (7.625 INCH)	6,284.000	L.F.
606-27.14	PROOF LOADING TEST MICROPILE (7.625 IN)	7.000	EACH
606-28.01	TEST PILES (7 5/8" S .500" MICROPILE)	623.000	L.F.
606-28.02	VERIFICATION LOADING TEST (7 5/8" s .500" MICROPILE)	4.000	EACH
606-28.03	MICROPILE(7 5/8" s .500" MICROPILE)	19,786.000	L.F.
606-28.04	PROOF LOADING TEST (7 5/8" s .500" MICROPILE)	17.000	EACH
610-10.04	DRAINAGE SYSTEM - BRIDGE DECK(DESCRIPTION) (CLOSED SYSTEM)	(1)	LS

Contract ID CMGC02 - SHELBY

Item No.	Description	Quantity	Units
610-10.14	DRAINAGE SYSTEM - BRIDGE DECK(DESCRIPTION) (CLOSED SYSTEM RAILROAD)	(1)	LS
610-10.45	DECK DRAINS (DESCRIPTION) (SEE PLANS)	8.000	EACH
610-12.02	HORIZONTAL DRAINS	110.000	L.F.
617-01	BRIDGE DECK SEALANT	3,443.000	S.Y.
617-02	BRIDGE DECK CRACK SEALING	192.000	L.F.
617-05	SEALANT (DESCRIPTION) (HMWM)	1.000	GAL.
620-05	CONCRETE PARAPET WITH STRUCTURAL TUBING	625.000	L.F.
620-05.01	CONC PARAPET SINGLE SLOPE (STD-1-1SS)	506.000	L.F.
621-05.02	TEMPORARY SHORING	(1)	LS
622-01.01	SHOTCRETE BUTTRESS	36.000	C.Y.
622-01.02	STEEL REINFORCEMENT- SHOTCRETE BUTTRESS	4,055.000	LB.
710-04.01	GEOCOMPOSITE EDGE DRAIN	324.000	L.F.
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	991.000	L.F.
710-09.02	6" PIPE UNDERDRAIN	370.000	L.F.
795-13.04	BRIDGE HANGER SYSTEM	(1)	LS
805-05.02	SOIL NAIL STABILIZATION	2,400.000	L.F.
908-21.01	BEARINGS (DESCRIPTION) (NSR BRIDGE SPANS 1 & 5 FIXED BEARING)	8.000	EACH
908-21.02	BEARINGS (DESCRIPTION) (NSR BRIDGE SPANS 1 & 5 EXPANSION BEARING)	8.000	EACH
908-21.03	BEARINGS (DESCRIPTION) (NSR BRIDGE SPANS 2 - 4 FIXED BEARING)	12.000	EACH
908-21.04	BEARINGS (DESCRIPTION) (NSR BRIDGE SPANS 2 - 4 EXPANSION BEARING)	12.000	EACH
908-21.05	BEARINGS (DESCRIPTION) (NSR BRIDGE RE-SET SPANS 1 & 5 FIXED BEARING)	8.000	EACH
908-21.06	BEARINGS (DESCRIPTION) (NSR BRIDGE RE-SET SPANS 1 & 5 EXPANSION BEARING)	8.000	EACH
908-21.07	BEARINGS (DESCRIPTION) (NSR BRIDGE RE-SET SPANS 2 - 4 FIXED BEARING)	12.000	EACH
908-21.08	BEARINGS (DESCRIPTION) (NSR BRIDGE RE-SET SPANS 2 - 4 EXPANSION BEARING)	12.000	EACH

Contract ID CMGC02 - SHELBY

Item No.	Description	Quantity	Units
915-01.01	6 IN CORRUGATED PIPE DRAIN SYSTEM	75.000	L.F.
915-01.02	6 IN CORRUGATED PIPE UNDERDRAIN	100.000	L.F.
924-01.01	DECK REMOVAL AND REPAIR (SEE PLANS)	16.000	EACH
925-01.01	RAILROAD SELECT BACKFILL	1,164.000	TON
930-08.26	LOADING TEST (SOIL NAILS)	4.000	EACH
945-01.01	4,000 PSI STRUCTURAL CONCRETE	1,347.000	C.Y.
945-01.02	6,000 PSI STRUCTURAL CONCRETE	398.000	C.Y.
955-01.01	STEEL STRUCTURES MATERIAL	(1)	LS
955-01.02	STEEL STRUCTURES	(1)	LS
955-01.03	MASONRY PLATE ANCHORS	248.000	EACH
955-02.01	FENCE	684.000	L.F.
955-02.02	WINGWALL HANDRAIL	25.000	L.F.
955-03.01	BRIDGE LATERAL SLIDE 1	(1)	LS
955-03.02	BRIDGE LATERAL SLIDE 2	(1)	LS
965-01.01	TEMPORARY BALLAST RETAINER TIMBERS	342.000	L.F.
965-01.02	CENTER DECK JOINT PLACEMENT	342.000	L.F.
970-06.17	COLUMN RETROFIT	16.000	EACH
985-01.01	REMOVAL AND DISPOSAL OF BALLAST	(1)	LS
985-02.01	PLACING BALLAST	179.000	C.Y.

