DETAILED ESTIMATE

CODE	ITEM	UNIT	QUANTITY
	-ROADWAY-		
150-1000	TRAFFIC CONTROL	LUMP	LUMP
153-1200	FIELD ENGINEER'S OFFICE, TYPE 2	EACH	1
163-1011	CONSTRUCT, MAINTAIN AND REMOVE SILT CONTROL GATE, TYPE 1	EACH	1
201-1000	CLEARING AND GRUBBING - LUMP SUM	LUMP	LUMP
204-0001	CHANNEL, EXCAVATION	CU. YD.	60
205-0001	UNCLASSIFIED EXCAVATION	CU. YD.	33750
206-0002	BORROW EXCAVATION, INCL. MATL.	CU. YD.	8200
207-0203	FOUNDATION BACKFILL MATL. TYPE 11	CU. YD.	450
318-3000	AGGREGATE SURFACE COURSE	TON	2050
441-0104	CONC. SIDEWALK, 4"	SQ. YD.	20
441-0204	PLAIN CONC. DITCH PAVING, 4"	SQ. YD.	130
441-0740	CONC. MEDIAN, 4"	SQ. YD.	100
441-4020	CONC. VALLEY GUTTER, 6"	SQ. YD.	60
500-3101	CLASS "A" CONC.	CU. YD.	489
500-3200	CLASS "B" CONC.	CU. YD.	2
500-3800	CLASS "A" CONC., INCL. REINF. STEEL	CU. YD.	30
511-1000	BAR REINF. STEEL	LB.	53000
550-1150	STORM DRAIN PIPE, 15", H 1-10	LIN. FT.	120
550-1180	STORM DRAIN PIPE, 18", H 1-10	LIN. FT.	110
550-1240	STORM DRAIN PIPE, 24", H 1-10	LIN. FT.	350
550-1300	STORM DRAIN PIPE, 30", H 1-10	LIN. FT.	210
550-1360	STORM DRAIN PIPE, 36", H 1-10	LIN. FT.	180
550-1420	STORM DRAIN PIPE, 42", H 1-10	LIN. FT.	110
550-1480	STORM DRAIN PIPE, 48", H 1-10	LIN. FT.	50
550-2150	SIDE DRAIN PIPE, 15", H 1-10	LIN. FT.	1160
550-2180	SIDE DRAIN PIPE, 18", H 1-10	LIN. FT.	890
550-2240	SIDE DRAIN PIPE, 24", H 1-10	LIN. FT.	240
550-4015	FLARED END SECTION, 15" STORM DRAIN	EACH	3
550-4015	FLARED END SECTION, 15" SIDE DRAIN	EACH	80
550-4018	FLARED END SECTION, 18" STORM DRAIN	EACH	3
550-4018	FLARED END SECTION, 18" SIDE DRAIN	EACH	70
550-4024	FLARED END SECTION, 24" STORM DRAIN	EACH	14
550-4024	FLARED END SECTION, 24" SIDE DRAIN	EACH	20
550-4030	FLARED END SECTION, 30" STORM DRAIN	EACH	3
550-4036	FLARED END SECTION, 36" STORM DRAIN	EACH	4
550-4042	FLARED END SECTION, 42" STORM DRAIN	EACH	2
570-1000	CONSTRUCT, MAINTAIN AND REMOVE DETOUR DRAINAGE STRUCTURE - STRUCTURE NO. 1	LUMP	LUMP
570-1000	CONSTRUCT, MAINTAIN AND REMOVE DETOUR DRAINAGE STRUCTURE - STRUCTURE NO. 2	LUMP	LUMP
570-1000	CONSTRUCT, MAINTAIN AND REMOVE DETOUR DRAINAGE STRUCTURE - STRUCTURE NO. 3	LUMP	LUMP
570-1000	CONSTRUCT, MAINTAIN AND REMOVE DETOUR DRAINAGE STRUCTURE - STRUCTURE NO. 4	LUMP	LUMP
570-1000	CONSTRUCT, MAINTAIN AND REMOVE DETOUR DRAINAGE STRUCTURE - STRUCTURE NO. 5	LUMP	LUMP
570-1000	CONSTRUCT, MAINTAIN AND REMOVE DETOUR DRAINAGE STRUCTURE - STRUCTURE NO. 6	LUMP	LUMP
570-1000	CONSTRUCT, MAINTAIN AND REMOVE DETOUR DRAINAGE STRUCTURE - STRUCTURE NO. 7	LUMP	LUMP
573-2006	UNDERDRAIN PIPE, INCL. DRAINAGE AGGR., 6"	LIN. FT.	2000
610-9230	REMOVE CLVT. CONC. STA. 180+29	LUMP	LUMP
610-9245	REMOVE CLVT. CONC. & RUBL. MASONRY-STA. 327+35	LUMP	LUMP
610-9295	REMOVE CLVT. RUBL. MASONRY-STA. 174+75	LUMP	LUMP
634-1200	RIGHT OF WAY MARKERS	EACH	293
641-1200	GUARDRAIL, TYPE W	LIN. FT.	2600
641-5001	GUARDRAIL ANCHORAGE, TYPE 1	EACH	15
641-5009	GUARDRAIL ANCHORAGE, TYPE 9	EACH	15
668-5000	JUNCTION BOX	EACH	2
	-EROSION CONTROL-		
603-1012	STONE PLAIN RIP RAP, 12"	SQ. YD.	2520
610-0100	REMOVE BARBED WIRE FENCE	LIN. FT.	400
610-2400	REMOVE WOVEN WIRE FENCE	LIN. FT.	650
643-4000	WOVEN WIRE FENCE	LIN. FT.	650
643-8600	BARBED WIRE FENCE - FOUR STRAND	LIN. FT.	400
700-6001	GRASSING - COMPLETE	LUMP	LUMP
700-6100	ADDITIONAL GRASSING	LB.	100
700-7000	AGRICULTURAL LIME	TON	56
700-8000	FERTILIZER, MIXED GRADE	TON	14
700-8100	FERTILIZER, NITROGEN CONTENT	LB.	1860
700-9000	LOOSE SOD	CU. YD.	300
	-TEMPORARY EROSION CONTROL-		
163-1022	CONSTRUCT, MAINTAIN AND REMOVE TEMPORARY PIPE SLOPE DRAIN	LIN. FT.	30
163-2051	CONSTRUCT AND MAINTAIN BALED STRAW EROSION CHECKS	LIN. FT.	9160
164-1000	STRAW MULCH STABILIZATION	SQ. YD.	25850
	- ALT. "A" -		
310-1101	GRADED AGGR BASE CRS, INCL MATL & HAUL	TON	16550
318-3000	AGGR SURF CRS	TON	420
400-0111@	ASPH CONC B, GP 1 OR 2, INCL BITUM MATL & H. LIME	TON	2820
400-0151@	ASPH CONC F, BLEND 1, INCL BITUM MATL & H. LIME	TON	4080
400-1812@	ASPH CONC LEVELING, INCL BITUM MATL & H. LIME	TON	1020
413-1000	BITUM TACK COAT	GAL	3250
	- ALT. "B" -		
310-1101	GRADED AGGR BASE CRS, INCL MATL & HAUL	TON	7050
318-3000	AGGR SURF CRS	TON	420
400-0111@	ASPH CONC B, GP 1 OR 2, INCL BITUM MATL & H. LIME	TON	2820
400-0120@	ASPH CONC BASE, GP 1 OR 2, INCL BITUM MATL & H. LIME	TON	2840
400-0151@	ASPH CONC F, BLEND 1, INCL BITUM MATL & H. LIME	TON	4080
400-1812@	ASPH CONC LEVELING, INCL BITUM MATL & H. LIME	TON	1020
413-1000	BITUM TACK COAT	GAL	3680

GENERAL NOTE ON UTILITY FACILITIES AND OTHER OBSTRUCTIONS

ALL OBSTRUCTIONS EXCEPT POLE LINE FACILITIES AND UNDERGROUND FACILITIES ARE TO BE MOVED TO CLEAR RIGHT OF WAY BY COUNTY OR CITY UNLESS COVERED BY A CONTRACT ITEM. ALL UTILITY FACILITIES WHICH ARE IN CONFLICT WITH CONSTRUCTION, NOT COVERED AS SPECIFIC ITEMS IN THE DETAILED ESTIMATE, ARE TO BE MOVED TO CLEAR CONSTRUCTION BY THE RESPECTIVE OWNERS UNLESS LATER ADDED AS A SUPPLEMENTAL ITEM.

THE CONTRACTOR WILL NOT BE PAID FOR ANY DELAYS FOR EXTRA EXPENSE CAUSED BY UTILITY FACILITIES, OBSTRUCTIONS OR ANY OTHER ITEMS NOT BEING REMOVED OR RELOCATED TO CLEAR CONSTRUCTION IN ADVANCE OF HIS WORK.

ALL KNOWN UTILITY FACILITIES ARE SHOWN SCHEMATICALLY ON HIGHWAY PLANS AND NOT NECESSARILY ACCURATE IN LOCATION AS TO PLAN OR ELEVATION. UTILITY FACILITIES SUCH AS SERVICE LINES, OR UNKNOWN FACILITIES NOT SHOWN ON HIGHWAY PLANS, WILL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY UNDER THIS REQUIREMENT EXCEPT AS NOTED. "EXISTING UTILITY FACILITIES" MEANS ANY UTILITY FACILITY THAT EXISTS ON THE HIGHWAY IN ITS ORIGINAL, REPLACED OR NEWLY-INSTALLED POSITION.

THE CONTRACTOR WILL NOT BE HELD RESPONSIBLE FOR THE COST OF REPAIRS TO DAMAGED UNDERGROUND UTILITY FACILITIES OTHER THAN SERVICE LINES FROM STREET MAINS TO ABUTTING PROPERTY WHEN SUCH FACILITIES ARE NOT SHOWN ON THE HIGHWAY PLANS AND THEIR EXISTENCE IS UNKNOWN TO THE CONTRACTOR PRIOR TO THE DAMAGES OCCURRING, PROVIDING THE ENGINEER DETERMINES THE CONTRACTOR HAS OTHERWISE FULLY COMPLIED WITH THE SPECIFICATIONS.

THE FOLLOWING KNOWN UTILITY OWNERS HAVE FACILITIES WITHIN THE LIMITS OF THE PROJECT AND MAY BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR THEY MAY INSTALL NEW FACILITIES CONCURRENTLY WITH THE CONSTRUCTION WORK.

NAME OF UTILITY	TYPE OF FACILITY	NOTES
✓ NORTH GA. GEORGIA ELECTRIC MEMBERSHIP CORP. P.O. BOX 1409 DALTON, GEORGIA 30720	POLES / WIRES	SEE UTILITY PLANS
✓ WALKER CO. TELEPHONE CO. LAFAYETTE, GEORGIA 30728	POLES / WIRES	SEE UTILITY PLANS
✓ CHICKAMAUGA TELEPHONE CO. CHICKAMAUGA, GEORGIA 30707	UNDERGROUND TELEPHONE CABLE	SEE UTILITY PLANS
✓ GEORGIA POWER CO. ATLANTA, GEORGIA	POLES & WIRES	SEE UTILITY PLANS NO CONFLICT
✓ KENSINGTON WATER AUTH. KENSINGTON, GEORGIA 30727	6" C.I. 2" PLASTIC	SEE UTILITY PLANS
✓ WALKER COUNTY WATER / SEWERAGE SYSTEM ROUTE 3, BOX 60 CHATTANOOGA, TENN. 37409 ROY PARRISH	2" GALV. / 4" GALV.	SEE UTILITY PLANS
TENN. ALA. / GA RAILROAD CO. P.O. BOX 6508, STATION "B" CHATTANOOGA, TENN. 37406	RAILROADS	SEE UTILITY PLANS

This project is 100% in Walker County and 100% in Congressional District #7.
This project is not considered to be within the limits of an insect infested area.

Rev. 7-22-82
Rev. 9-8-82
Rev. 9-14-82
Rev. 1-24-83
Rev. 1-25-83

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