SUMMARY OF QUANTITIES - DRAINAGE ITEMS

VOID

DRAINAGE SUMMARY

LOCATION			SKEW	FLARED END SECTION 18 IN. SIDE DRAIN GA STD 1120 ITEM # 550-4118 EACH	FLARED END SECTION 42 IN. SIDE DRAIN GA STD. 1120 ITEM # 550-4142 EACH	FLARED END SECTION 24 IN. STORM DRAIN GA STD 1120 EACH	FLARED END SECTION 30 IN. STORM DRAIN GA STD. 1120 ITEM # 550-4230 EACH	CONC SPILLWAY, TP 3 GA STD 9017J ITEM # 441-0303 EACH	CONCRETE SLOPE DRAIN ITEM # 441-0050 SY	CLASS B CONCRETE ITEM # 500-3200 CY	BAR REINF STEEL ITEM # 511-1000 LB	SAND-CEMENT BAG RIP RAP ITEM # 603-6006 SY	SIDE DRAIN PIPE, 18 IN. H 1-10 ITEM # 550-2180 FEET	SIDE DRAIN PIPE, 30 IN. H 1-10 ITEM # 550-2300 FEET	SIDE DRAIN PIPE, 36 IN. H 1-10 ITEM # 550-2360 FEET	SIDE DRAIN PIPE, 42 IN. H 1-10 ITEM # 550-2420 FEET	SAFETY END SECTION 18 IN. SIDE DRAIN 6:1 SLOPE GA STD 1122 ITEM # 550-3618 EACH	SAFETY END SECTION 30 IN. SIDE DRAIN 6:1 SLOPE GA STD 1122 ITEM # 550-3630 EACH	DROP INLET, GP 1 GA STD 9031S ITEM # 668-2100 EACH	DROP INLET, GP 2 GA STD 9031S ITEM # 668-2200 EACH	DROP INLET, GP 1, ADD DEPTH GA STD 9031S ITEM # 668-2110 FEET	STORM DRAIN PIPE 24 IN. H 1-10 FEET	STORM DRAIN PIPE 30 IN. H 1-10 ITEM # 550-1300 FEET	CLASS A CONCRETE, INCL REIF STEEL ITEM # 500-4800 CY	DROP INLET TYPES V-1, AND V-2, GA STD 1019B EACH
SR 83	STATION	SIDE																							
DRIVEWAY	29+94.00	LT	2.2°	2									38												
SPILLWAY	34+37.00	LT	90.0°					1	50																
SPILLWAY	34+37.00	RT	90.0°					1	45																
FLUME	36+58.79	RT	90.0°							15	150	2.33													
FLUME	38+00.00	LT	90.0°							9.15	110	2.33													
DRIVEWAY	39+48.00	RT	3.6°	2									38												
DRIVEWAY	40+93.00	RT	6.5°										38				2								
DRIVEWAY	41+99.00	RT	1.9°										38				2								
DRIVEWAY	42+02.00	LT	0.0°											38				2							
DRIVEWAY	43+00.00	RT	0.0°										38				2								
DRIVEWAY	44+36.00	RT	0.0°										38				2								
DRIVEWAY	45+84.00	LT	0.0°										38				2								
DRIVEWAY	46+52.00	RT	0.0°										38				2								
B-4 TO B-1	34+23.45 TO 40+87.00	LT	0.0°		1										118	140			2	1	5.84			18.7	
TOTAL				4	1			2	95	24.15	260	4.66	304	38	118	140	12	2	2	1	5.84			18.7	
CR 10																									
FLUME	14+25.00	LT	90.0°							8.21	98	2.33													
FLUME	14+25.00	RT	90.0°							7.16	88	2.33													
TOTAL										15.37	186	4.66													
FLAT ROCK RD																									
DRIVEWAY	1+88.00	RT	90.0°										38				2								
STORM DRAIN	2+23.00	CL	0.0°				2																54		
TOTAL							2						38				2						54		
GRAND TOTAL				4	1		2	2	95	39.52	446	9.32	380	38	118	140	14	2	2	1	5.84		54	18.7	

NOTE: THE COST FOR CONSTRUCTING, MAINTAINING, AND REMOVING TEMPORARY DETOUR DRAINAGE STRUCTURES SHALL BE PAID UNDER BID ITEM #570-1000.

DETOUR																									
DETOUR STR #1	139+47.58	LT	0.5°										38				2								
DETOUR STR #2	139+47.58	RT	5.45°										38				2								
DETOUR STR #3	140+92.74	LT	2.5°										38				2								
DETOUR STR #4	140+92.74	RT	4.6°										38				2								
DETOUR STR #5	141+98.85	RT	3.6°										38				2								
DETOUR STR #6	142+99.73	RT	5.3°										38				2								
DETOUR STR #7	134+50.00	CL	90°			1																57			1
DETOUR STR #8	136+00.00	CL	90°			1																54			1
TOTAL						2							228				12					111			2

CONCRETE BOX CULVERTS - DESIGN 1

STATION CR 10/ PROSPECT RD	SKEW	LENGTH LF	SIZE FT x FT	GA. STD. FOR WINGWALLS AND PARAPETS	HEIGHT OF FILL LF	FOUNDATION BACKFILL MATERIAL TYPE 2 ITEM # 207-0203 CU YD	CLASS "A" CONCRETE ITEM # 500-3101 CU YD BARREL	WW&PAR.	MODIFIED INLET BEVELING	BAR. REINF. STEEL ITEM # 511-1000 LBS BARREL	WW&PAR.	CONCRETE APRONS STD. 2332 CLASS "A" CONCRETE CU YD	BAR. REINF. STEEL LBS
STA. 14+69.06	80° 27' 54.4"	182.00	DOUBLE 5' x 5'	SPECIAL DESIGN	9.75	67.41	172.06	15.97	0.154	19,674.00	529.00	3.92	300.00
TOTAL		191.20			9.75	67.41	172.06	15.97	0.154	19,674.00	529.00	3.92	300.00

DATE	REVISIONS	DATE	REVISIONS
10-20-2010	REV BOX CULVERT SUMMARY		

GEORGIA
DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
DRAINAGE
PROJECT: BRSTO-2938-00(004)
COUNTY: MORGAN

DRAWING NO. 06-02

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