SUMMARY OF DRAINAGE QUANTITIES

NOTE: THE CONTRACTOR SHALL PROVIDE ADDITIONAL STORM SEWER CAPACITY CALCULATIONS IF A PIPE MATERIAL OTHER THAN CONCRETE IS SELECTED.

DRAINAGE STRUCTURE NUMBER	LOCATION	PIPE CULVERT MATERIAL ALTERNATES: TYPE OF PIPE INSTALLATION	CONCRETE	CORRUGATED STEEL AASHTO M-36: ALUMINUM COATED (TYPE 2) CORR. STEEL	CORRUGATED STEEL AASHTO M-36: PLAIN ZINC COATED	CORRUGATED ALUMINUM AASHTO M-196: PLAIN UNCOATED ALUMINUM	PLASTIC: CORR. POLY-ETHYLENE AASHTO M-252	PLASTIC: CORR. POLY-ETHYLENE SMOOTH-LINED AASHTO M-294 TYPE S	PLASTIC: POLY VINYL CHLORIDE (PVC) PROFILE WALL AASHTO-304	MAXIMUM HEIGHT OF FILL OVER PIPE (FT)	FOUNDATION BACK FILL MAT'L (TP 11 CY)	FLARED END SECTIONS GA. STD. 1120 STORM DRAIN (EA/SZ)	SAFETY END SECTIONS GA. STD. 1120 SIDE DRAIN (EA/SZ)	STRUCTURE DEPTH (H) (LF)	DROP INLETS GP 1: GA. STD. 5001 M1 6 FT OR LESS (EA)	DROP INLETS GP 1: GA. STD. 5001 M1 ADD'L DEPTH (LF)	DROP INLETS GP 1: GA. STD. 5001 M2 6 FT OR LESS (EA)	DROP INLETS GP 1: GA. STD. 5001 M2 ADD'L DEPTH (LF)	DROP INLETS GP 1: GA. STD. 1019 A TYPE "B" WITH WEIR 6 FT OR LESS (EA)	DROP INLETS GP 1: GA. STD. 1019 A TYPE "B" WITH WEIR ADD'L DEPTH (LF)	DROP INLETS GP 1: GA. STD. 9031S 6 FT OR LESS (EA)	DROP INLETS GP 1: GA. STD. 9031S ADD'L DEPTH (LF)	DROP INLETS GP 2: GA. STD. 5001 M1 6 FT OR LESS (EA)	DROP INLETS GP 2: GA. STD. 5001 M1 ADD'L DEPTH (LF)	DROP INLETS GP 2: GA. STD. 5001 M2 6 FT OR LESS (EA)	DROP INLETS GP 2: GA. STD. 5001 M2 ADD'L DEPTH (LF)	GA STD 9031U CLASS A CONC. COLLAR (EA)	GA STD 1125 CLASS A CONC. HEADWALL INCL REINF STEEL (CY)	MANHOLE GA. STD. 1011 A TYPE 1 42" OR LESS: 6 FT OR LESS (EA)	MANHOLE TYPE 1: ADD'L DEPTH CLASS 1 (LF)	MANHOLE TYPE 1: ADD'L DEPTH CLASS 2 (LF)	MANHOLE TYPE 1: ADD'L DEPTH CLASS 3 (LF)	MANHOLE TYPE 2 48" TO 84": 6 FT OR LESS (EA)	MANHOLE TYPE 2: ADD'L DEPTH CLASS 1 (LF)	MANHOLE TYPE 2: ADD'L DEPTH CLASS 2 (LF)	MANHOLE TYPE 2: ADJUST M.H. TO GRADE (EA)	MANHOLE TYPE 2: RECONSTRUCT M.H. (EA)	CLASS B CONC. (FLUMES AND SPILLWAY APRON) (CY)	JACK OR BORE PIPE - 18" (LF)	JACK OR BORE PIPE - 24" (LF)	JACK OR BORE PIPE - 30" (LF)	COMMENTS
		LONGITUDINAL INTERSTATE AND TRAVEL BEARING	X																																				
		LONGITUDINAL NON INTERSTATE AND NONTRAVEL BEARING	X	X		X		X	X																														
		STORM DRAIN / CROSS DRAIN / GRADE ≤ 10% / ADT < 250	X	X	X	X		X	X																														
		GRADE ≤ 10% / 250 < ADT < 1500	X			X																																	
		GRADE ≤ 10% / ADT > 1500	X																																				
		GRADE > 10% / ADT < 250		X	X	X		X	X																														
		GRADE > 10% / ADT > 250				X																																	
		SIDE DRAIN	X	X	X	X		X	X																														
		PERMANENT SLOPE DRAIN		X	X	X		X	X																														
		PERFORATED UNDERDRAIN		X	X	X	X	X																															
		LINEAR FEET: SLOPE DRAIN 18"																																					
		SLOPE DRAIN 24"																																					
		STORM DRAIN 15"																																					
		STORM DRAIN 18"																																					
		STORM DRAIN 24"																																					
		STORM DRAIN 30"																																					
		STORM DRAIN 36"																																					
		STORM DRAIN 48"																																					
B-3	140+83, OUTLET																																						
B-4	140+83, CENTERLINE													5.60		1																						USE EXIST MEDIAN OUTLET PIPE
B-5	141+70, CENTERLINE				87									5.31	1																								
B-6	142+50, CENTERLINE				80									6.33	1	1																							
B-7	143+30, CENTERLINE				80									5.53	1																								
B-8	144+10, CENTERLINE				80									5.48	1																								
B-9	144+90, CENTERLINE				80									5.33	1																								
B-10	145+40, CENTERLINE				50									4.96	1																								
C-27	146+60, CENTERLINE				50									4.96	1																								
C-26	147+10, CENTERLINE				50									5.33	1																								
C-25	147+60, CENTERLINE				70									5.44	1																								
C-24	148+30, CENTERLINE				80									5.80	1																								
C-23	149+10, CENTERLINE				80									5.97	1																								
C-22	149+90, CENTERLINE				80									5.84	1																								
C-21	150+70, CENTERLINE				63									5.46	1																								
C-20	151+33, CENTERLINE				137									4.98	1																								
C-19	152+70, CENTERLINE				140									4.96	1																								
C-18	154+10, CENTERLINE				140									4.96	1																								
C-17	155+50, CENTERLINE				135									4.96	1																								
C-16	156+85, CENTERLINE				130									4.96	1																							EXISTING OUTLET NOT USED
C-15	158+15, CENTERLINE				140									4.96	1																								
C-14	159+55, CENTERLINE				140									4.96	1																								
C-13	160+90, CENTERLINE				197									4.96	1																								
C-12	162+87, CENTERLINE					213								5.66	1																							EXISTING OUTLET NOT USED
C-11	165+00, CENTERLINE					160								5.58			1																						
C-10	166+60, CENTERLINE					100								5.73			1																						
C-9	167+60, CENTERLINE					45								5.74			1																						
C-8	168+05, CENTERLINE					45								5.96			1																						
	SUB-TOTAL SHEET 1				2089	563									22	1	5																						

NOTE: FOR FLUME QUANTITIES SEE DRAWING 6-02
NOTE: FOR RIP RAP QUANTITIES SEE DRAWING 6-17

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REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE:
QUANTITIES - DRAINAGE

DRAWING No. 6-04

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