SEDIMENT STORAGE

The following table summarizes the required and available sediment storage for every outfall on this project. The Contractor shall provide and maintain the storage volumes for the BMP's specified in this table.

OUTFALL ID	TOTAL DRAINAGE AREA (ACRES)	DISTURBED AREA (ACRES)	REQUIRED SEDIMENT STORAGE VOLUME (YD^3)	TOTAL STORAGE VOLUME PROVIDED (YD^3)	SEDIMENT BASINS		CHECK DAM		INLET SEDIMENT TRAPS	
					POND #	TOTAL VOLUME	NUMBER OF DEVICES	TOTAL VOLUME	NUMBER OF DEVICES	TOTAL VOLUME
716+51	1187.97	2.65	177.67	502.34			12	125.58	1	376.76
729+10	11.33	3.81	255.20	407.45			2	16.95	2	390.50
742+09	155.45	2.91	195.00	574.89			13	96.11	3	478.78
752+09	4.64	4.64	310.88	736.38			15	113.23	2	623.15
764+17	9.28	0.98	65.57	179.85			5	52.37	1	127.48
788+11	22.30	8.68	581.75	530.24			37	194.76	4	335.48
792+31	2130.66	1.82	121.99	195.67			4	31.35	1	164.32
802+86	12.99	11.74	786.34	1109.56			59	453.51	6	656.05
821+11	163.83	2.25	150.74	189.31			9	189.31		
862+10	2.00	4.51	302.01	165.25			11	30.08	4	135.17
894+84	8.35	0.91	61.25	38.35			5	38.35		
901+98	4.13	0.00	0.00	0.00						
915+43	105.74	8.00	536.32	250.86			25	43.19	5	207.67
919+51	17.44	4.93	330.25	111.75			16	35.22	2	76.53
929+84	46.00	5.09	341.01	257.77			24	74.50	3	183.27
959+83	7.42	0.92	61.33	367.68			5	27.32	3	340.36
965+29	21.33	1.60	107.01	212.95			13	140.67	1	72.28
985+09	1753.68	8.09	541.74							

In order to prevent runoff from bypassing inlet sediment traps, a temporary berm shall be installed on the downstream side of all inlet sediment traps that are not located in a low point or an excavated sump. Temporary berms, when necessary, shall be a minimum of 18" high and constructued in a manner that ensures stormwater doe snot bypass the inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.

Additional Erosion Control Mats have been added to all slopes within the disturbed areas for outfalls that do not have adequate sediment storage in an effort to mitigate the sediment run-off.

VOID

GEORGIA DEPARTMENT OF TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: ROADWAY DESIGN

ESPC GENERAL NOTES

SEDIMENT STORAGE

DRAWING No. 51-03

STATE GA | PROJECT NUMBER CSNHS-M003-0013401 | SHEET NO. 344 | TOTAL SHEETS 414

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