

Sediment Storage Continued

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.

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 constructed in a manner that ensure storm water does not bypass the inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.

Check Dam storage volumes are not included in the Total Storage Volume provided at each outfall.

OUTFALL ID	SIDE	TOTAL DRAINAGE AREA (ACRES)	DISTURBED AREA (ACRES)	SEDIMENT STORAGE VOLUME (YD^3)	STORAGE VOLUME PROVIDED (YD^3)	SEDIMENT BASINS		CHECK DAMS		INLET SEDIMENT TRAPS		SILT FENCE		NOTES
						POND NUMBER	TOTAL VOLUME	NUMBER OF DEVICES	TOTAL VOLUME	NUMBER OF DEVICES	TOTAL VOLUME	LENGTH OF DEVICE	TOTAL VOLUME	
172++03 (M-16)	Left	0.49 acres	0.49 acres	32.55 cy	1411.04 cy			4	23.88 cy	1	1265.62 cy	868.21 ft	145.42 cy	The placement of a sediment basin at this area of sheet flow will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this area of sheet flow indicate that the use of silt fence along the toe of slopes and inlet sediment traps shall provide adequate sediment storage.
174++04 (M-16A)	Left	0.29 acres	0.29 acres	19.47 cy	1211.06 cy			4	23.88 cy	1	1211.06 cy			The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps shall provide adequate sediment storage.
175+00 to 176+00	Left	0.24 acres	0.24 acres	15.87 cy	16.75 cy			4	23.88 cy			100.00 ft	16.75 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of silt fence shall provide adequate sediment storage.
176+00 to 181+00	Left	0.76 acres	0.76 acres	50.76 cy	83.75 cy			4	23.88 cy			500.00 ft	83.75 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of silt fence shall provide adequate sediment storage.
176+00 to 192+00	Right	2.87 acres	2.87 acres	192.24 cy	417.42 cy			4	23.88 cy	2	149.42 cy	1600.00 ft	268.00 cy	The placement of a sediment basin at this area of sheet flow will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this area of sheet flow indicate that the use of silt fence along the toe of slopes and inlet sediment traps shall provide adequate sediment storage.
176++95 (M-17)	Left	1.53 acres	1.53 acres	102.64 cy	1308.48 cy			4	23.88 cy	1	1308.48 cy			The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps shall provide adequate sediment storage.
181+00 to 182+00	Left	0.34 acres	0.34 acres	23.09 cy	23.45 cy			4	23.88 cy			140.00 ft	23.45 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of silt fence shall provide adequate sediment storage.
182+00 to 184+00	Left	0.20 acres	0.20 acres	13.16 cy	33.50 cy			4	23.88 cy			200.00 ft	33.50 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of silt fence shall provide adequate sediment storage.
184+00 to 208+00	Left	4.48 acres	4.48 acres	300.41 cy	469.16 cy			4	23.88 cy	3	67.16 cy	2400.00 ft	402.00 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps and silt fence shall provide adequate sediment storage.
184++55 (M-19)	Left	0.53 acres	0.53 acres	35.40 cy	1788.17 cy			4	23.88 cy	2	1788.17 cy			The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps shall provide adequate sediment storage.
188++20 (M-20)	Left	0.53 acres	0.53 acres	35.80 cy	916.22 cy			4	23.88 cy	1	916.22 cy			The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps shall provide adequate sediment storage.
191++85 (M-21)	Left	1.16 acres	1.16 acres	77.51 cy	1086.58 cy			4	23.88 cy	1	783.40 cy	1810.00 ft	303.18 cy	The placement of a sediment basin at this area of sheet flow will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this area of sheet flow indicate that the use of silt fence along the toe of slopes and inlet sediment traps shall provide adequate sediment storage.
192+00 to 197+00	Right	0.88 acres	0.88 acres	59.23 cy	83.75 cy			4	23.88 cy			500.00 ft	83.75 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of silt fence shall provide adequate sediment storage.
197+00 to 198+00	Right	0.19 acres	0.19 acres	13.06 cy	218.21 cy			4	23.88 cy	2	201.46 cy	100.00 ft	16.75 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps and silt fence shall provide adequate sediment storage.
198+00 to 203+00	Right	0.80 acres	0.80 acres	53.62 cy	208.11 cy			4	23.88 cy	1	124.36 cy	500.00 ft	83.75 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps and silt fence shall provide adequate sediment storage.
199++76 (M-23)	Left	0.28 acres	0.28 acres	18.99 cy	2350.41 cy			4	23.88 cy	2	2117.25 cy	1392.00 ft	233.16 cy	The placement of a sediment basin at this area of sheet flow will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this area of sheet flow indicate that the use of silt fence along the toe of slopes and inlet sediment traps shall provide adequate sediment storage.
203+00 to 214+00	Right	1.67 acres	1.67 acres	111.70 cy	308.61 cy			4	23.88 cy	1	124.36 cy	1100.00 ft	184.25 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps and silt fence shall provide adequate sediment storage.
208+00 to 220+00	Left	1.76 acres	1.76 acres	118.17 cy	165.16 cy			4	23.88 cy			986.00 ft	165.16 cy	The placement of a sediment basin at this area of sheet flow will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this area of sheet flow indicate that the use of silt fence along the toe of slopes shall provide adequate sediment storage.
208++18 (M-25)	Left	0.95 acres	0.95 acres	63.82 cy	362.12 cy			4	23.88 cy	2	18.93 cy	2048.88 ft	343.19 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps and silt fence shall provide adequate sediment storage.
214+00 to 218+00	Right	0.76 acres	0.76 acres	50.78 cy	88.11 cy			4	23.88 cy	1	21.11 cy	400.00 ft	67.00 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps and silt fence shall provide adequate sediment storage.
215++94 (M-27)	Left	2.05 acres	2.05 acres	137.45 cy	2605.32 cy			4	23.88 cy	2	2605.32 cy			The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps shall provide adequate sediment storage.
218+00 to 220+00	Right	0.35 acres	0.35 acres	23.60 cy	495.39 cy			4	23.88 cy	5	461.89 cy	200.00 ft	33.50 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of inlet sediment traps and silt fence shall provide adequate sediment storage.
220+00 to 235+00	Left	2.86 acres	2.86 acres	191.36 cy	251.25 cy			4	23.88 cy			1500.00 ft	251.25 cy	The placement of a sediment basin at this outfall will create more disturbed earth from its construction than it would serve to mitigate. However, sediment storage calculations for this outfall indicate that the use of silt fence shall provide adequate sediment storage.

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

REVISION DATES

08/10/11			

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: ROADWAY DESIGN
ESPC GENERAL NOTES

SEDIMENT STORAGE

DRAWING No.
51-03A