VOID

2/27/2014	Thu Feb 27 10:10:52 2014	\\gdot-dsn1\gocfg\resources\Gdot-2012.tbl	C:\222190\DGN\222190erogen.dgn	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
jasbrown				GA	STP00-0090-02(023)	185	249

SILT FENCE INSTALLATIONS WITH J-HOOKS AND SPURS

The site has a total disturbed area of 23.84 acres.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 BMPs specified in this table.

SEDIMENT STORAGE INFORMATION

SITE 1

Drainage Area ID	Total Drainage area (acres)	Disturbed Area (acres)	Outfall ID	Outfall location	Drainage Area (acres)	Required Sediment storage Volume (yd3)	Check Dam: # of devices	Check Dam: Storage volume per ditch check	Check Dam: Total Storage Volume Provided (CU YD)	Silt Fence Storage Volume: # of devices (LIN.FT.)	Silt Fence Storage Volume: Sediment Storage Each (LIN.FT.)	Silt Fence Storage Volume: Total Storage Volume (CU.YDS.)	RIP RAP DITCH CHECK: # of devices	RIP RAP DITCH CHECK: Sediment Storage Each (CU YD)	RIP RAP DITCH CHECK: Total Storage Volume (CU YD)	Total Storage Volume Provided Volume (yd3)
N/A		0.68	BASIN 1	SHEET FLOW - STA 55+00 TO 56+64 LT OF SR 15	0.06	4.02				164	0.345	56.58				56.58
				DITCH - STA 56+64 TO 62+22 LT OF SR 15	0.62	41.54	11	4.93	54.23							54.23
D.A.#2	5.51	0.65	BASIN 2	DITCH - STA 62+22 TO 63+79 LT OF SR 15	0.19	12.73	2	31.15	62.30							62.30
			BASIN 3	DITCH - STA 63+79 TO 68+16 LT OF SR 15	0.46	30.82	3	41.29	123.87							123.87
D.A.#3	253.22	1.76	BASIN 4	DITCH - STA 68+16 TO 76+00 LT OF SR 15	0.92	61.64	8	10.88	87.04							87.04
			BASIN 5	SHEET FLOW - STA 76+00 TO 77+76 LT OF SR 15	0.19	12.73				176	0.345	60.72				60.72
			BASIN 6	DITCH - STA 77+76 TO 84+00 LT OF SR 15	0.65	43.55	8	6.82	54.56							54.56
D.A.#4	71.25	1.67	BASIN 7	DITCH - STA 84+00 TO 88+90 LT OF SR 15	0.63	42.21	8	9.43	75.44							75.44
			BASIN 8	SHEET FLOW - STA 88+90 TO 89+75 LT OF SR 15	0.17	11.39				85	0.345	29.33				29.33
			BASIN 9	DITCH - STA 89+75 TO 96+45 LT OF SR 15	0.87	58.29	8	8.06	64.48							64.48
D.A.#5	26.64	0.81	BASIN 10	DITCH - STA 96+45 TO 99+00 LT OF SR 15	0.37	24.79	3	41.29	123.87							123.87
			BASIN 11	DITCH - STA 99+00 TO 103+00 LT OF SR 15	0.44	29.48	5	6.37	31.85							31.85
D.A.#6	10.00	2.88	BASIN 12	SHEET FLOW - STA 300+00 TO 301+50 LT OF CR 89	0.41	27.47				150	0.345	51.75				51.75
			BASIN 13	SHEET FLOW - STA 301+50 TO 303+00 LT OF CR 89	0.30	20.00				150	0.345	51.75				51.75
			BASIN 14	DITCH - STA 303+00 TO 310+00 LT OF CR 89	0.90	60.30	10	7.96	79.60							79.60
			BASIN 15	SHEET FLOW - STA 300+00 TO 301+50 RT OF CR 89	0.22	14.74				150	0.345	51.75				51.75
			BASIN 16	SHEET FLOW - STA 301+50 TO 303+00 RT OF CR 89	0.13	8.71				150	0.345	51.75				51.75
			BASIN 17	DITCH - STA 303+00 TO 310+00 RT OF CR 89	0.80	53.60	10	7.96	79.60							79.60
			BASIN 18	SHEET FLOW - STA 103+70 TO 106+08 LT OF SR 15	0.12	8.04				238	0.345	82.11				82.11
D.A.#7	56.19	0.87	BASIN 19	SHEET FLOW - STA 106+08 TO 107+00 LT OF SR 15	0.07	4.69				92	0.345	31.74				31.74
			BASIN 20	DITCH - STA 107+00 TO 110+00 LT OF SR 15	0.25	16.75	3	7.50	22.50							22.50
			BASIN 21	DITCH - STA 110+00 TO 116+00 LT OF SR 15	0.55	36.85	6	6.53	39.18							39.18
D.A.#8	16.76	0.76	BASIN 22	DITCH - STA 116+00 TO 119+50 LT OF SR 15	0.30	20.10	4	9.43	37.72							37.72
			BASIN 23	DITCH - STA 119+50 TO 125+00 LT OF SR 15	0.46	30.82	7	8.85	61.95							61.95
D.A.#9	6.58	0.22	BASIN 24	DITCH - STA 125+00 TO 127+85 LT OF SR 15	0.22	14.74	2	8.85	17.70							17.70
D.A.#10	186.78	2.15	BASIN 25	DITCH - STA 127+85 TO 139+00 LT OF SR 15	0.99	66.33	16	4.22	67.52							67.52
			BASIN 26	SHEET FLOW - STA 139+00 TO 140+80 LT OF SR 15	0.15	10.05				180	0.345	62.10				62.10
			BASIN 27	SHEET FLOW - STA 140+80 TO 145+00 LT OF SR 15	0.35	23.45				420	0.345	144.90				144.90
			BASIN 28	DITCH - STA 145+00 TO 152+19 LT OF SR 15	0.66	44.22	6	122.38	734.28							734.28
D.A.#11	186.78	0.58	BASIN 29	SHEET FLOW - STA 152+19 TO 155+00 LT OF SR 15	0.24	16.08				281	0.345	96.95				96.95
			BASIN 30	SHEET FLOW - STA 155+00 TO 158+00 LT OF SR 15	0.34	22.78				300	0.345	103.50				103.50

The sediment storage volume listed above is provided by the existing & proposed ditch section.

SILT FENCE INSTALLATIONS WITH J-HOOKS AND SPURS

The site has a total disturbed area of 23.84 acres.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 BMPs specified in this table.

SEDIMENT STORAGE INFORMATION

SITE 1

Drainage Area ID	Total Drainage area (acres)	Disturbed Area (acres)	Outfall ID	Outfall location	Drainage Area (acres)	Required Sediment storage Volume (yd3)	Check Dam: # of devices	Check Dam: Storage volume per ditch check	Check Dam: Total Storage Volume Provided (CU YD)	Silt Fence Storage Volume: # of devices (LIN.FT.)	Silt Fence Storage Volume: Sediment Storage Each (LIN.FT.)	Silt Fence Storage Volume: Total Storage Volume (CU.YDS.)	RIP RAP DITCH CHECK: # of devices	RIP RAP DITCH CHECK: Sediment Storage Each (CU YD)	RIP RAP DITCH CHECK: Total Storage Volume (CU YD)	Total Storage Volume Provided Volume (yd3)
N/A		0.73	BASIN 31	SHEET FLOW - STA 55+00 TO 55+56 RT OF SR 15	0.06	4.02							56	0.345	19.32				19.32
				DITCH - STA 55+56 TO 62+22 RT OF SR 15	0.67	44.89	11	4.83	53.13										53.13
N/A		0.19	BASIN 32	DITCH - STA 62+22 TO 63+00 RT OF SR 15	0.09	6.03	1	31.15	31.15										31.15
				SHEET FLOW - STA 63+00 TO 64+00 RT OF SR 15	0.10	6.70							100	0.345	34.50				34.50
N/A		0.24	BASIN 33	SHEET FLOW - STA 64+00 TO 65+00 RT OF SR 15	0.08	5.36							100	0.345	34.50				34.50
				DITCH - STA 65+00 TO 66+40 RT OF SR 15	0.16	10.72	1	41.29	41.29										41.29
N/A		0.96	BASIN 34	DITCH - STA 66+40 TO 75+00 RT OF SR 15	0.84	56.28	8	10.88	87.04										87.04
				SHEET FLOW - STA 75+00 TO 76+00 RT OF SR 15	0.12	8.04							100	0.345	34.50				34.50
N/A		0.69	BASIN 35	SHEET FLOW - STA 76+00 TO 77+00 RT OF SR 15	0.10	6.70							100	0.345	34.50				34.50
				DITCH - STA 77+00 TO 84+00 RT OF SR 15	0.59	39.53	12	6.82	81.84										47.15
N/A		0.41	BASIN 36	DITCH - STA 84+00 TO 88+90 RT OF SR 15	0.41	27.47	6	9.43	56.58										56.58
N/A		0.69	BASIN 37	DITCH - STA 88+90 TO 96+45 RT OF SR 15	0.69	46.23	12	7.90	94.80										94.80
N/A		0.20	BASIN 38	DITCH - STA 96+45 TO 97+00 RT OF SR 15	0.08	5.36	1	41.29	41.29										41.29
				SHEET FLOW - STA 97+00 TO 99+00 RT OF SR 15	0.12	8.04							200	0.345	69.00				69.00
N/A		0.89	BASIN 39	SHEET FLOW - STA 99+00 TO 100+00 RT OF SR 15	0.10	6.70							100	0.345	34.50				34.50
				DITCH - STA 100+00 TO 106+98 RT OF SR 15	0.79	52.93	10	6.37	63.70										63.70
N/A		0.53	BASIN 40	DITCH - STA 106+98 TO 109+00 RT OF SR 15	0.37	24.79	3	9.14	27.14										27.14
				SHEET FLOW - STA 109+00 TO 110+00 RT OF SR 15	0.16	10.72							100	0.345	34.50				34.50
N/A		0.86	BASIN 41	SHEET FLOW - STA 110+00 TO 111+00 RT OF SR 15	0.17	11.39							100	0.345	34.50				34.50
				DITCH - STA 111+00 TO 116+00 RT OF SR 15	0.69	46.23	9	6.53	58.77										58.77
N/A		0.45	BASIN 42	DITCH - STA 116+00 TO 118+00 RT OF SR 15	0.25	16.75	3	9.43	28.29										28.29
				SHEET FLOW - STA 118+00 TO 119+50 RT OF SR 15	0.20	13.40							150	0.345	51.75				51.75
				SHEET FLOW - STA 119+50 TO 120+00 RT OF SR 15	0.09	6.03							50	0.345	17.25				17.25
N/A		0.66	BASIN 43	DITCH - STA 120+00 TO 123+00 RT OF SR 15	0.42	28.14	5	8.85	70.80										70.80
				SHEET FLOW - STA 123+00 TO 124+03 RT OF SR 15	0.15	10.05							103	0.345	35.54				35.54
N/A		0.16	BASIN 44	SHEET FLOW - STA 124+03 TO 125+00 RT OF SR 15	0.16	10.72							97	0.345	33.47				33.47
N/A		0.39	BASIN 45	SHEET FLOW - STA 125+00 TO 127+85 RT OF SR 15	0.39	26.13							285	0.345	98.33				98.33
N/A		1.76	BASIN 46	DITCH - STA 127+85 TO 139+00 RT OF SR 15	1.52	101.84	24	5.11	122.64										122.64
				SHEET FLOW - STA 139+00 TO 140+80 RT OF SR 15	0.24	16.08							180	0.345	62.10				62.10
N/A		1.47	BASIN 47	SHEET FLOW - STA 140+80 TO 146+00 RT OF SR 15	0.74	49.58							520	0.345	179.40				179.40
				DITCH - STA 146+00 TO 152+60 RT OF SR 15	0.73	48.91	2	122.38	244.76										244.76
N/A		0.20	BASIN 48	SHEET FLOW - STA 152+60 TO 154+40 RT OF SR 15	0.20	13.40							180	0.345	62.10				62.10
N/A		0.33	BASIN 49	SHEET FLOW - STA 154+40 TO 156+00 RT OF SR 15	0.15	10.05							160	0.345	55.20				55.20
				DITCH - STA 156+00 TO 158+00 RT OF SR 15	0.18	12.06	2	25.07	50.14										50.14

The sediment storage volume listed above is provided by the existing & proposed ditch section.

SILT FENCE INSTALLATIONS WITH J-HOOKS AND SPURS

The site has a total disturbed area of 13.38 acres.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 BMPs specified in this table.

SEDIMENT STORAGE INFORMATION

SITE 2

Drainage Area ID	Total Drainage area (acres)	Disturbed Area (acres)	Outfall ID	Outfall location	Drainage Area (acres)	Required Sediment storage Volume (yd3)	Check Dam: # of devices	Check Dam: Storage volume per ditch check	Check Dam: Total Storage Volume Provided (CU YD)	Silt Fence Storage Volume: # of devices (LIN.FT.)	Silt Fence Storage Volume: Sediment Storage Each (LIN.FT.)	Silt Fence Storage Volume: Total Storage Volume (CU.YDS.)	RIP RAP DITCH CHECK: # of devices	RIP RAP DITCH CHECK: Sediment Storage Each (CU YD)	RIP RAP DITCH CHECK: Total Storage Volume (CU YD)	Total Storage Volume Provided Volume (yd3)
N/A		0.54	BASIN 50	SHEET FLOW - STA 150+50 TO 151+50 LT OF SR 15	0.08	5.36				100	0.345	34.50				34.50
				DITCH - STA 151+50 TO 155+51 LT OF SR 15	0.46	30.82	5	7.50	37.50							37.50
N/A		0.36	BASIN 51	DITCH - STA 155+51 TO 158+00 LT OF SR 15	0.36	24.12	4	7.50	30.00							30.00
N/A		0.79	BASIN 52	SHEET FLOW - STA 158+00 TO 160+75 LT OF SR 15	0.79	52.93				275	0.345	94.88				94.88
N/A		1.37	BASIN 53	SHEET FLOW - STA 160+70 TO 163+46 LT OF SR 15	0.32	21.44				276	0.345	95.22				95.22
				DITCH - STA 163+46 TO 168+00 LT OF SR 15 & SR 68	1.05	70.35	15	5.25	78.75							78.75
N/A		1.04	BASIN 54	DITCH - STA 151+50 TO 160+75 RT OF SR 15	1.04	69.68	10	7.50	75.00							75.00
D.A.#12	15.66	0.96	BASIN 55	DITCH - STA 160+75 TO 166+44 RT OF SR 15	0.62	41.54	10	5.25	52.50							52.50
				SHEET FLOW - STA 166+44 TO 168+00 RT OF SR 15	0.34	22.78				156	0.345	53.82				53.82
N/A		0.48	BASIN 56	DITCH - STA 201+00 TO 203+00 LT OF SR 68	0.27	18.09	3	6.82	20.46							20.46
				SHEET FLOW - STA 203+00 TO 204+50 LT OF SR 68	0.21	14.07				150	0.345	51.75				51.75
N/A		0.90	BASIN 57	SHEET FLOW - STA 204+50 TO 205+50 LT OF SR 68	0.15	10.05				100	0.345	34.50				34.50
				DITCH - STA 205+50 TO 211+00 LT OF SR 68	0.75	50.25	10	5.61	56.10							56.10
N/A		1.05	BASIN 58	DITCH - STA 211+00 TO 219+00 LT OF SR 68	1.05	70.35	13	6.53	84.89							84.89
D.A.#13	72.58	5.93	BASIN 59	DITCH - STA 201+00 TO 204+50 RT OF SR 68	0.46	30.82	6	6.82	40.92							40.92
			BASIN 60	DITCH - STA 204+50 TO 211+00 RT OF SR 68	0.76	50.92	11	5.61	61.71							61.71
			BASIN 61	DITCH - STA 211+00 TO 219+00 RT OF SR 68	1.78	119.26	14	8.74	122.36							122.36
			BASIN 62	DITCH - STA 18+90 TO 23+00 LT OF FERRY RD	0.45	30.15	6	9.43	56.58							56.58
			BASIN 63	DITCH - STA 23+00 TO 26+00 LT OF FERRY RD	0.38	25.46	4	31.15	124.60							124.60
			BASIN 64	DITCH - STA 18+90 TO 23+00 RT OF FERRY RD	0.56	37.52	6	9.43	56.58							56.58
			BASIN 65	DITCH - STA 23+00 TO 26+00 RT OF FERRY RD	1.54	103.18	4	31.15	124.60							124.60

The sediment storage volume listed above is provided by the existing & proposed ditch section.

In order to prevent runoff from bypassing inlet sediment traps, a temporary sump shall be installed around all inlet sediment traps that are not located in a low point or an excavated sump. Construct temporary sumps in accordance with Construction Detail D-24C. Temporary sumps shall be installed in a manner that ensures stormwater does not bypass the inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: DISTRICT 2 TENNILLE

ESPCP GENERAL NOTES

PASSING AND TURN LANES ON SR 15 BETWEEN WRIGHTSVILLE AND TENNILLE

PROJECT STP00-0090-02(023)
COUNTY JOHNSON/WASHINGTON

DRAWING NO. 51-003

3/1/2007 GPLN