OUTFALL ID	OUTFALL DESCRIPTION	RECEIVING WATERS	DISTURBED AREA (AC)	PRE-CONSTRUCTION DRAINAGE AREA (AC)	SLOPE	C	Q 25 YR (CFS)	V 25 YR (FPS)	Q 50 YR (CFS)	V 50 YR (FPS)	Q 100 YR (CFS)	V 100 YR (FPS)	POST-CONSTRUCTION DRAINAGE AREA (AC)	SLOPE	C	Q 25 YR (CFS)	V 25 YR (FPS)	Q 50 YR (CFS)	V 50 YR (FPS)	Q 100 YR (CFS)	V 100 YR (FPS)
A	18" CROSS DRAIN PIPE SR 16 STA 20+67.89 54.19' LT	KIMBALL'S LAKE	1.69	4.02	0.0290	0.5715	11.60	12.09	12.82	12.17	14.00	11.41	4.32	0.0322	0.5342	14.01	13.32	15.47	13.76	16.90	13.96
B	4 FT FBD (STA 19+50 TO 27+50) SR 16 19+50.00 22.26' LT	FLINT RIVER	0.71	0.96	0.0163	0.5562	4.60	2.68	5.02	2.82	5.46	2.86	0.96	0.0080	0.6703	5.40	2.13	5.89	2.19	6.40	2.25
C	18" CROSS DRAIN PIPE SR 16 STA 34+85.00 70.64' LT	SHOAL CREEK	0.32	6.05	0.0226	0.4048	16.56	12.04	18.24	12.10	19.89	11.26	6.05	0.0220	0.4079	16.69	11.86	18.38	11.92	20.04	11.34
D	24" CROSS DRAIN PIPE SR 16 STA 35+50.00 64.64' LT	SHOAL CREEK	0.33	6.97	0.0107	0.4059	18.04	9.46	19.91	9.66	21.73	9.82	6.97	0.0101	0.4081	18.14	9.23	20.02	9.45	21.85	9.55
E	4 FT FBD (STA 103+00 TO 106+50) CR 507 103+00.00 19.60' LT	FLINT RIVER	0.53	2.62	0.0310	0.4311	9.46	5.18	10.33	5.24	11.22	5.38	2.62	0.0103	0.4389	9.63	3.40	10.52	3.49	11.42	3.57
F	30" CROSS DRAIN PIPE TO 6 FT FBD CR 35 STA 116+50.00 44.23' LT	KIMBALL'S LAKE	3.18	13.91	0.0600	0.4274	35.85	3.95	39.63	3.95	43.30	3.95	13.47	0.0600	0.4491	36.47	3.95	40.31	3.95	44.05	3.95
G	4 FT FBD (STA 117+50 TO 121+00) CR 35 121+00.00 26.15' RT	KIMBALL'S LAKE	0.39	5.21	0.0254	0.4000	14.11	5.19	15.54	5.25	16.95	5.37	5.18	0.0333	0.4029	14.12	5.78	15.56	5.82	16.96	6.03
H	4 FT FBD (STA 38+50 TO 42+50) SR 16 42+50.00 20.03' RT	SHOAL CREEK	0.36	2.77	0.0174	0.4281	8.57	3.66	9.42	3.75	10.26	3.82	2.77	0.0110	0.4350	8.71	3.03	9.57	3.13	10.42	3.20
I	4 FT FBD (STA 41+50 TO 42+00) SR 16 41+96.21 17.95' LT	SHOAL CREEK	0.04	0.06	0.0280	0.6115	0.32	4.74	0.35	4.66	0.38	5.05	0.06	0.0280	0.6346	0.33	4.89	0.36	4.79	0.40	4.81
J	4 FT FBD (STA 103+50 TO 104+50) CR 507 103+50.00 18.79' RT	FLINT RIVER	0.07	1.40	0.0312	0.4123	4.83	3.21	5.27	3.35	5.73	3.35	1.40	0.0105	0.4127	4.83	2.15	5.28	2.19	5.73	2.29
K	4 FT FBD (STA 117+50 TO 121+00) CR 35 121+00.00 24.65' LT	KIMBALLS' LAKE	0.21	0.39	0.0349	0.6259	2.07	3.10	2.26	3.04	2.45	3.12	0.39	0.0320	0.6924	2.29	3.08	2.50	3.03	2.72	3.14

FBD = FLAT BOTTOM DITCH

TOTAL PROJECT AREA = 11.66 ACRES
TOTAL DISTURBED AREA = 9.34 ACRES
RUNOFF COEFFICIENTS USED:
PAVEMENT = 0.95
SHOULDER/OFFSITE = 0.40 (SINGLE FAMILY RESIDENTIAL)

m:\0000408\DGN 10-29-08\gdot DGN\000408EDM01.dgn 27T CONTOURS.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDM02.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR2.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR3.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR4.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR5.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR6.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR7.dgn (RF7) ON: 1-63
C:\bentley\GeoTask\Var_Rules\ of water.mb.X.dgn (RF4) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR2.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR3.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR4.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR5.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR6.dgn (RF7) ON: 1-63
m:\0000408\DGN 10-29-08\gdot DGN\000408EDMOVR7.dgn (RF7) ON: 1-63
1/5/2009 GPLN

GEORGIA
DEPARTMENT OF TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

OFFICE: ROADWAY DESIGN

EROSION CONTROL DRAINAGE AREA MAP

SR 16 @ CR 35 & CR 507
SPALDING COUNTY

DRAWING No. 53-002