VOID

OUTFALL LOCATION/ RECEIVING WATERS	OUTFALL 1/STREAM 25		OUTFALL 2/ STREAM 31	OUTFALL 3/ LYNN CREEK	OUTFALL 4/ LYNN CREEK	OUTFALL 5/ STREAM 31	OUTFALL 6/ STREAM 31	OUTFALL 7/ STREAM 31	OUTFALL 8/ STREAM 31
OUTFALL STRUCTURE TYPE	BOX CULVERT	BOX CULVERT	DITCH	DITCH	DITCH	PIPE	PIPE	BOX CULVERT	DITCH
DRAINAGE AREA NO.	BASIN 1		BASIN 2	BASIN 3	BASIN 4	BASIN 5	BASIN 6	BASIN 7	BASIN 8
OUTFALL STATION	314+60 LT, UGR		74+25 LT, RAMP B	13+50 LT, RAMP A	30+00 RT, JOHNSON LAKE RD	57+00 RAMP D	71+00 BELWOOD RD	349+50 UNION GROVE RD	78+77 RT, RAMP D
SKEW ANGLE	70°		N/A	N/A	N/A	57°	90°	75°	N/A
OUTFALL SIZE	3-4'X2.5'	4'X4'	4' BOTTOM WIDTH	4' BOTTOM WIDTH	4' BOTTOM WIDTH	42"	30"	3 - 6'X3' & 4'X5'	4' BOTTOM WIDTH
PRE Q_{10} (CFS)	66.77	60.53	9.98	101.07	6.04	44.99	19.05	285.30	12.58
PRE Q_{50} (CFS)	88.13	77.94	13.09	132.29	7.82	59.63	25.82	499.50	16.76
PRE Q_{100} (CFS)	97.31	85.56	14.47	145.92	8.60	65.94	28.39	615.80	18.54
POST Q_{10} (CFS)	68.06	65.98	14.46	105.57	7.24	46.16	20.69	285.30	15.73
POST Q_{50} (CFS)	89.81	84.91	18.96	138.48	9.36	61.13	27.40	499.50	21.21
POST Q_{100} (CFS)	99.15	93.19	20.98	152.94	10.28	67.57	30.12	615.80	23.62
PRE V_{50} (FPS)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	14.47	N/A
PRE V_{100} (FPS)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	15.13	N/A
POST V_{50} (FPS)	3.49	6.73	2.74	4.62	1.53	9.49	10.05	13.82	1.37
POST V_{100} (FPS)	3.81	N/A	2.81	4.73	1.56	9.59	10.75	14.83	1.96
PRE HW_{50}	N/A	N/A	N/A	N/A	N/A	N/A	N/A	685.23	N/A
PRE HW_{100}	N/A	N/A	N/A	N/A	N/A	N/A	N/A	686.65	N/A
POST HW_{50}	666.06	665.70	N/A	N/A	N/A	677.45	683.69	684.25	N/A
POST HW_{100}	666.41	N/A	N/A	N/A	N/A	677.69	684.24	685.91	N/A
CONTRIBUTING DRAINAGE AREA (AC)	37.83	23.45	4.54	34.96	3.17	35.96	14.22	274.28	7.29
DISTURBED AREA (AC)	11.61		2.29	7.96	0.93	6.80	1.37	10.92	4.10
PRE "C"	0.51	0.44	0.49	0.47	0.33	0.36	0.30	N/A URBAN FLOOD FREQUENCY	0.43
POST "C"	0.52	0.47	0.66	0.49	0.39	0.36	0.32	N/A URBAN FLOOD FREQUENCY	0.52
CONTRIBUTING DRAINAGE SYSTEMS	1, 3, 15, 16, 17, A, B, C, D, J, R		7, P	6, 14, L, M, N, O	N/A	8, 10, E, F	9	4, 5, G, H, I, S	11, Q

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REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: CONSULTANT DESIGN

DRAINAGE AREA MAP

NHSTP-0075-03(203)
UNION GROVE ROAD INTERCHANGE

DRAWING No. 21-002

GPLN