STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-2928(1)	285	324

SUMMARY OF CROSS DRAINS AND SIDE ROAD SIDE DRAINS

DRAINAGE AREA & STRUCTURE	STATION	DRAINAGE AREA (AC)	DISTURBED AREA(AC)	SKEW ANGLE	EXISTING SIZE	C_{PRE}	EXISTING 'Q'		EXISTING H/W ELEVATION		VELOCITY (EXISTING PIPE)			PROPOSED SIZE	C_{POST}	PROPOSED 'Q'				PROPOSED H/W ELEVATION		VELOCITY (MODIFIED PIPE)			
							Q(50YR) CFS.	Q(100YR) CFS.	50YR FT.	100YR FT.	25YR FT/S.	50YR FT/S.	100YR FT/S.			Q(10YR) CFS.	Q(25YR) CFS.	Q(50YR) CFS.	Q(100YR) CFS.	50YR FT.	100YR FT.	10YR FT/S.	25YR FT/S.	50YR FT/S.	100YR FT/S.
DA-1 CD-1	68+83.67	536.1	7.89	30°45'55.1"	2- 6'X6'	0.40	851.30	969.50	711.72	712.77	-	15.68	16.21	2- 6'X6'	0.40	609.6	760.1	864.1	983.3	712.49	713.56	15.63	16.46	16.95	17.47
DA-2 CD-2	84+39.10	272.18	7.36	2°20'47.9"	8'X6'	0.40	460.20	429.60	706.33	707.33	-	12.28	12.87	8'X6'	0.40	328.8	413.7	479.0	550.1	706.68	707.47	10.98	11.85	12.44	13.03
DA-3 CD-3	91+36.04	6.71	0.78	29°29'44.6"	3 - 24"	0.42	22.50	24.46	722.17	722.32	-	14.32	14.55	30"	0.44	20.85	23.68	25.87	28.06	717.02	716.94	11.92	12.33	12.63	12.90
DA-4 CD-4	98+51.64	1.96	0.76	3°5'54.5"	23- 24"	0.41	30.43	33.34	742.52	742.68	-	10.75	10.96	2 - 24"	0.42	24.39	28.22	31.3	34.29	742.42	742.58	9.06	9.38	9.60	9.80
DA-5 CD-5	20+97.74	11.25	0.69	0°0'0.0"	2 - 36"	0.42	26.34	28.85	748.83	748.92	-	6.66	6.83	2 - 36"	0.43	21.23	24.55	27.22	29.81	749.65	749.75	7.41	7.73	7.96	8.17
A	60+26.40	0.49	0.41	-	-	-	-	-	-	-	-	-	-	18"	-	2.61	2.96	3.23	3.51	-	-	5.69	5.89	6.04	6.18
B	67+99.64	0.33	0.64	-	-	-	-	-	-	-	-	-	-	36"	-	40.38	40.52	40.63	40.74	-	-	9.43	9.44	9.44	9.45
C	68+35.55	1.07	0.53	-	-	-	-	-	-	-	-	-	-	18"	-	4.28	4.80	5.20	5.59	-	-	4.35	4.47	4.55	4.62
D	68+55.55	8.02	0.83	-	-	-	-	-	-	-	-	-	-	30"	-	26.83	30.75	33.86	36.97	-	-	9.64	9.95	10.15	10.32
E	73+66.02	0.48	0.12	-	-	-	-	-	-	-	-	-	-	18"	-	0.78	0.90	0.99	1.08	-	-	5.65	5.89	6.06	6.22
F	84+74.50	3.32	0.99	-	-	-	-	-	-	-	-	-	-	18"	-	3.91	4.33	4.65	4.97	-	-	8.69	10.15	10.36	10.55
G	84+90.58	0.71	0.19	-	-	-	-	-	-	-	-	-	-	24"	-	17.42	20.80	23.55	26.35	-	-	9.94	19.75	20.43	20.74
H	87+49.91	3.02	0.55	-	-	-	-	-	-	-	-	-	-	18"	-	9.11	10.07	10.80	11.49	-	-	7.59	7.73	7.82	7.87
K	95+15.03	0.71	0.87	-	-	-	-	-	-	-	-	-	-	18"	-	3.14	3.49	3.76	4.02	-	-	7.59	7.29	7.44	7.58
L	97+08.59	0.37	0.55	-	-	-	-	-	-	-	-	-	-	18"	-	1.30	1.42	1.50	1.59	-	-	7.38	7.57	7.71	7.83
M	99+99.97	0.81	0.44	-	-	-	-	-	-	-	-	-	-	18"	-	3.81	4.17	4.45	4.72	-	-	5.67	5.81	5.9.1	6.00
N	11+17.93	1.09	0.37	-	-	-	-	-	-	-	-	-	-	18"	-	3.97	4.47	4.85	5.25	-	-	4.28	4.40	4.48	4.56
Q	98+53.85	16.66	1.00	-	-	-	-	-	-	-	-	-	-	30"	-	32.12	36.70	40.32	43.69	-	-	9.59	9.82	9.94	9.95
R	101+02.00	0	0.09	-	-	-	-	-	-	-	-	-	-	18"	-	1.39	1.61	1.78	1.96	-	-	8.53	12.70	12.97	13.19

SCALE IN FEET
0 500 1000 2000

PARSONS TRANSPORTATION GROUP
5390 TRIANGLE PARKWAY, SUITE 100
NORCROSS, GA 30092

DATE	REVISIONS	DATE	REVISIONS

GEORGIA
DEPARTMENT OF TRANSPORTATION
DRAINAGE AREA MAP
PROJECT STP-2928(1)
COUNTY TROUP

53-02

7/21/2007
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