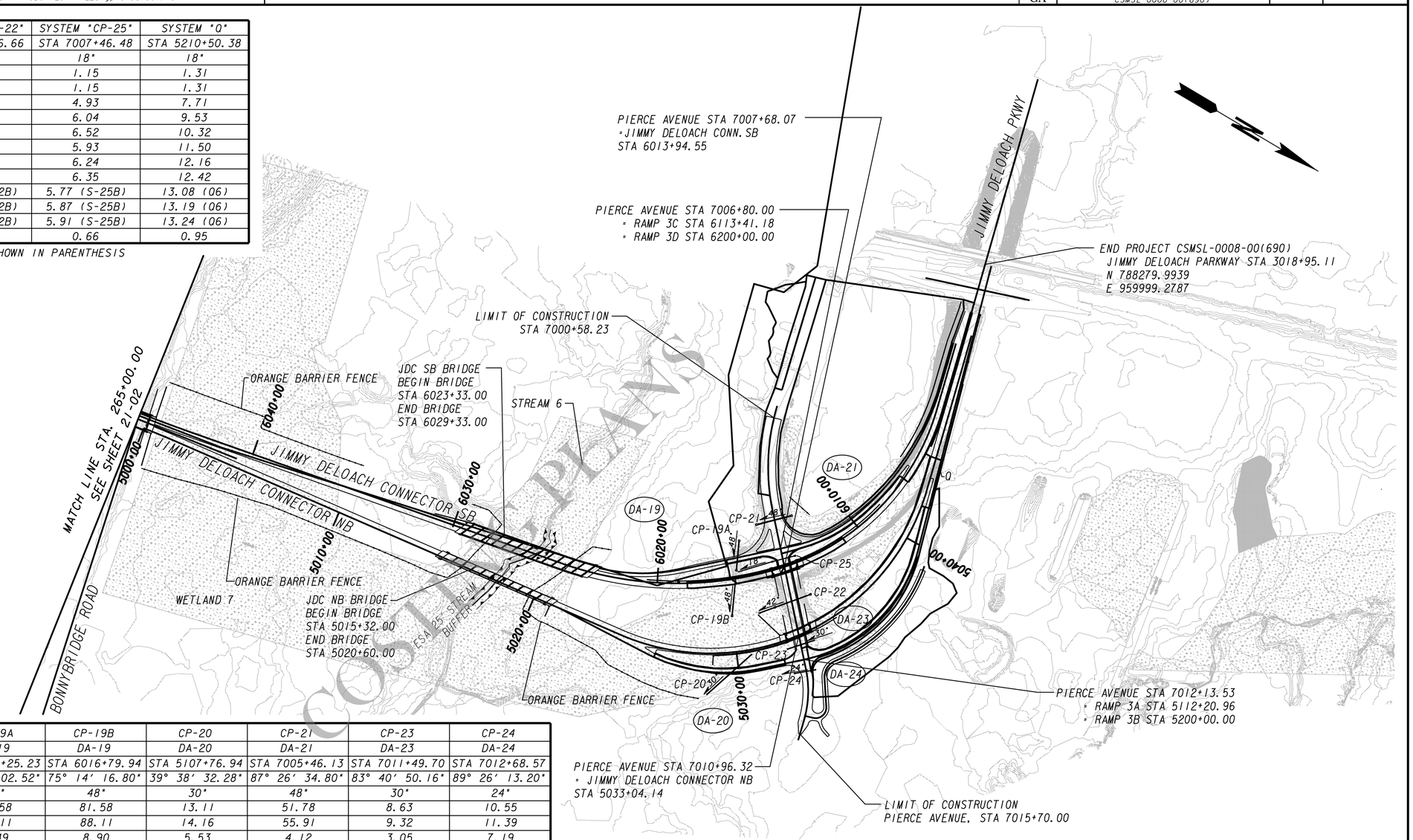
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	CSMSL-0008-00(690)		

SYSTEM ID	SYSTEM "CP-22"	SYSTEM "CP-25"	SYSTEM "Q"
STATION	STA 7009+56.66	STA 7007+46.48	STA 5210+50.38
SIZE (INCHES)	42"	18"	18"
DRAINAGE AREA (AC)	4.98	1.15	1.31
DISTURBED AREA (ACRES)	4.98	1.15	1.31
Q10 (CFS)	17.53	4.93	7.71
Q50 (CFS)	21.49	6.04	9.53
Q100 (CFS)	23.22	6.52	10.32
V10 (FPS)	6.47	5.93	11.50
V50 (FPS)	6.85	6.24	12.16
V100 (FPS)	6.99	6.35	12.42
HGL 10*	5.95 (S-22B)	5.77 (S-25B)	13.08 (06)
HGL 50*	6.09 (S-22B)	5.87 (S-25B)	13.19 (06)
HGL 100*	6.15 (S-22B)	5.91 (S-25B)	13.24 (06)
"C"	0.54	0.66	0.95

*THE CORRESPONDING STRUCTURE IS SHOWN IN PARENTHESIS



STRUCTURE ID	CP-19A	CP-19B	CP-20	CP-21	CP-23	CP-24
DRAINAGE AREA NO.	DA-19	DA-19	DA-20	DA-21	DA-23	DA-24
OUTFALL STATION	STA 6202+25.23	STA 6016+79.94	STA 5107+76.94	STA 7005+46.13	STA 7011+49.70	STA 7012+68.57
SKEW ANGLE	72° 45' 02.52"	75° 14' 16.80"	39° 38' 32.28"	87° 26' 34.80"	83° 40' 50.16"	89° 26' 13.20"
PIPE SIZE	48"	48"	30"	48"	30"	24"
POST Q50 (CFS)	81.58	81.58	13.11	51.78	8.63	10.55
POST Q100 (CFS)	88.11	88.11	14.16	55.91	9.32	11.39
POST V50 (FPS)	6.49	8.90	5.53	4.12	3.05	7.19
POST V100 (FPS)	7.01	9.21	5.67	4.45	3.29	10.26
POST HW50 (FT)	8.59	7.43	4.80	9.08	5.42	6.70
POST HW100 (FT)	8.79	7.67	4.89	9.16	5.48	27.20
DRAINAGE AREA (ACRES)	26.14	26.14	3.67	20.72	2.42	3.85
DISTURBED AREA(ACRES)	22.58	22.58	3.77	19.09	2.42	1.38
POST "C"	0.39	0.39	0.44	0.31	0.44	0.34

TOTAL PROJECT SIZE: 156.14 AC
TOTAL DISTURBED AREA: 106.87 AC

COSTING PLANS

PARSONS
3577 PARKWAY LANE, SUITE 100
NORCROSS, GA 30092

COSTING PLANS FOR DESIGN-BUILD

SCALE IN FEET
0 250 500 1000

REVISION DATES		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY

DRAINAGE AREA MAP
JIMMY DELOACH CONNECTOR

STA 265+00 TO END

DRAWING No. 21-03

1/5/2009