

FIMS

PIGEON RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	DISCHARGE
51.69	2471.24	16573.
51.69	2471.24	16573.
51.69	2471.24	16573.
52.16	2474.43	16506.
52.16	2474.43	16506.
52.16	2474.71	16506.
52.16	2474.71	16506.✓
53.01	2480.13	16384.
53.01	2480.13	16384.
53.01	2480.28	16384.
53.01	2480.28	16384.✓
53.56	2485.77	16306.
53.56	2485.77	16306.
53.56	2485.81	16306.
53.56	2485.81	16306.✓
54.00	2490.28	16300.
54.00	2490.28	16300.
54.50	2498.30	16300.
54.50	2498.30	16300.
54.75	2499.14	16300.
54.75	2499.14	16300.✓
55.47	2504.14	14237.
55.47	2504.14	14237.
55.47	2504.31	14237.
55.47	2504.31	14237.✓
55.89	2508.28	14190.
55.89	2508.28	14190.
56.27	2514.30	14148.
56.27	2514.30	14148.✓
56.70	2519.07	14100.
56.70	2519.07	14100.
57.00	2519.78	14067.
57.00	2519.78	14067.
57.10	2521.23	14056.
57.10	2521.23	14056.
57.10	2521.30	14056.
57.10	2521.30	14056.✓
57.60	2525.05	14000.
57.60	2525.05	14000.
57.60	2525.05	14000.
57.60	2525.05	14000.
57.65	2525.37	13994.
57.65	2525.37	13994.
57.65	2525.48	13994.
57.65	2525.48	13994.
58.15	2529.63	13939.
58.15	2529.63	13939.✓
59.33	2538.41	13808.
59.33	2538.41	13808.
60.55	2545.50	13734.
60.55	2545.50	13734.✓
62.03	2565.20	13650.
62.03	2565.20	13650.
62.70	2571.91	13611.
62.70	2571.91	13611.

55.4

2509.65

14137

56.14

14.4

14100

59.28

33.0

13939

60.74

2550.0

13734.

61.40

2556.7

13734.✓

61.70

2561.7

13650.

62.25

2565.2

13650.

PIGEON RIVER 10 YR FLOOD 8/26/74 CDS

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MILE	ELEVATION	DISCHARGE
62.92	2573.47	13000.
62.92	2573.47	13000.
62.92	2573.84	13000.
62.92	2573.84	13000.
63.15	2575.95	13000.
63.15	2575.95	13000.
63.15	2576.26	13000.
63.15	2576.26	13000.
63.53	2578.48	13000.
63.53	2578.48	13000.
63.53	2578.55	13000.
63.53	2578.55	13000.
63.60	2580.20	13000.
63.60	2580.20	13000.
63.60	2580.27	13000.
63.60	2580.27	13000.
63.67	2580.43	13000.
63.67	2580.43	13000.
63.67	2580.50	13000.
63.67	2580.50	13000.
63.92	2582.73	13000.
63.92	2582.73	13000.
64.10	2585.71	13000.
64.10	2585.71	13000.
64.12	2585.83	13000.
64.12	2585.83	13000.
64.12	2586.42	13000.
64.12	2586.42	13000.
64.29	2587.88	13000.
64.29	2587.88	13000.
64.51	2589.77	13000.
64.51	2589.77	13000.
64.51	2589.77	13000.
64.51	2589.77	13000.
64.78	2590.96	13000.
64.78	2590.96	13000.
64.78	2591.29	13000.
64.78	2591.29	13000.
65.00	2593.72	13000.

PIGEON RIVER 10 YR FLOOD 8/26/74 CDS

10GF

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
51.690	2471.24	0.	0.0	0.090	0.	0.0
		2045.	9.12	0.032	16573.	8.11
		0.	0.11	0.100	0.	0.14

HV = 1.02 SF = 0.001599 TOTAL DIS = 16573.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
51.690	2471.24	0.	0.0	0.090	0.	0.0
		1925.	10.56	0.032	16573.	8.61
		0.	0.11	0.100	0.	0.13

HV = 1.15 SF = 0.001483 TOTAL DIS = 16573.

DELTA HV = -0.13 HF = 0.0 HT = -0.07

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
51.690	2471.24	0.	0.0	0.090	0.	0.0
		1925.	10.56	0.032	16573.	8.61
		0.	0.11	0.100	0.	0.13

HV = 1.15 SF = 0.001483 TOTAL DIS = 16573.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
52.160	2474.43	15.	1.90	0.090	12.	0.78
		2057.	13.17	0.032	16471.	8.01
		27.	2.60	0.100	24.	0.87

HV = 0.99 SF = 0.000956 TOTAL DIS = 16506.

DELTA HV = 0.16 HF = 3.03 HT = 3.18

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
52.160	2474.43	0.	0.0	0.070	0.	0.0
		1849.	7.62	0.035	16506.	8.93
		0.	0.0	0.090	0.	0.0

HV = 1.24 SF = 0.002949 TOTAL DIS = 16506.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
52.160	2474.71	16.	2.01	0.070	18.	1.10
		2100.	13.44	0.035	16457.	7.84
		29.	2.69	0.090	30.	1.04

HV = 0.95 SF = 0.001066 TOTAL DIS = 16506.

DELTA HV = 0.29 HF = 0.0 HT = 0.29

PIGFEON RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
52.160	2474.71	16.	2.01	0.070	18.	1.10
		2100.	13.44	0.035	16457.	7.84
		29.	2.69	0.090	30.	1.04

HV = 0.95 SF = 0.001066 TOTAL DIS = 16506.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.010	2480.13	1.	0.31	0.080	0.	0.31
		2155.	10.85	0.035	16344.	7.58
		60.	2.50	0.150	40.	0.67

HV = 0.99 SF = 0.001329 TOTAL DIS = 16384.

DELTA HV = 0.06 HF = 5.38 HT = 5.44

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.010	2480.13	1.	0.31	0.150	0.	0.26
		2005.	8.52	0.043	16269.	8.12
		60.	2.50	0.080	115.	1.93

HV = 1.02 SF = 0.003168 TOTAL DIS = 16384.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.010	2480.28	2.	0.39	0.150	1.	0.23
		2185.	10.99	0.043	16288.	7.46
		63.	2.58	0.080	96.	1.52

HV = 0.86 SF = 0.001904 TOTAL DIS = 16384.

DELTA HV = 0.16 HF = 0.0 HT = 0.16

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.010	2480.28	2.	0.39	0.150	1.	0.23
		2185.	10.99	0.043	16288.	7.46
		63.	2.58	0.080	96.	1.52

HV = 0.86 SF = 0.001904 TOTAL DIS = 16384.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2485.77	99.	3.57	0.140	105.	1.06
		2194.	12.93	0.048	16033.	7.31
		79.	3.60	0.070	168.	2.13

HV = 0.82 SF = 0.001936 TOTAL DIS = 16306.

DELTA HV = 0.04 HF = 5.43 HT = 5.47

BRIDGE

PIPERN RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2485.77	0.	0.0	0.100	0.	0.0
		59.	3.90	0.100	97.	1.63
		2198.	12.51	0.048	16209.	7.41
		0.	0.0	0.070	0.	0.0

HV = 0.85 SF = 0.001971 TOTAL DIS = 16306.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2485.81	100.	3.59	0.100	147.	1.48
		2201.	12.97	0.048	15989.	7.27
		90.	3.62	0.070	169.	2.13

HV = 0.80 SF = 0.001808 TOTAL DIS = 16306.

DELTA HV = 0.04 HF = 0.0 HT = 0.04

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2485.81	100.	3.59	0.100	147.	1.48
		2201.	12.97	0.048	15989.	7.27
		90.	3.62	0.070	169.	2.13

HV = 0.80 SF = 0.001808 TOTAL DIS = 16306.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.000	2490.28	30.	2.63	0.090	43.	1.44
		2034.	13.05	0.048	15972.	7.85
		164.	2.39	0.070	285.	1.73

HV = 0.94 SF = 0.002093 TOTAL DIS = 16300.

DELTA HV = -0.13 HF = 4.53 HT = 4.46

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.000	2490.28	30.	2.63	0.130	33.	1.11
		2034.	13.05	0.053	16118.	7.92
		164.	2.39	0.150	148.	0.90

HV = 0.96 SF = 0.002599 TOTAL DIS = 16300.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.500	2498.30	241.	2.22	0.130	279.	1.16
		1933.	11.77	0.053	15839.	8.64
		130.	3.67	0.150	183.	1.41

HV = 1.13 SF = 0.003550 TOTAL DIS = 16300.

DELTA HV = -0.16 HF = 8.12 HT = 8.03

PIGEON RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.500	2498.30	241.	2.22	0.120	122.	0.51
		1833.	11.77	0.021	16105.	8.79
		130.	3.67	0.150	74.	0.57

HV = 1.18 SF = 0.000576 TOTAL DIS = 16300.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.750	2499.14	879.	2.43	0.120	427.	0.49
		1916.	12.48	0.021	15820.	8.26
		206.	1.29	0.150	53.	0.26

HV = 1.03 SF = 0.000470 TOTAL DIS = 16300.

DELTA HV = 0.16 HF = 0.69 HT = 0.85

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.750	2499.14	879.	2.43	0.100	917.	1.04
		1916.	12.48	0.039	15254.	7.96
		206.	1.29	0.110	129.	0.62

HV = 0.92 SF = 0.001508 TOTAL DIS = 16300.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2504.14	43.	2.79	0.120	36.	0.83
		1767.	12.71	0.034	14186.	8.03
		24.	1.94	0.130	14.	0.60

HV = 1.00 SF = 0.001137 TOTAL DIS = 14237.

DELTA HV = -0.03 HF = 5.03 HT = 4.99

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2504.14	0.	0.0	0.120	0.	0.0
		13.	1.19	0.120	10.	0.82
		1554.	8.65	0.043	14199.	8.58
		24.	1.99	0.120	28.	1.15
		0.	0.0	0.120	0.	0.0

HV = 1.14 SF = 0.003476 TOTAL DIS = 14237.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2504.31	46.	2.86	0.120	48.	1.04
		1790.	12.88	0.043	14169.	7.92
		26.	1.85	0.120	20.	0.78

HV = 0.97 SF = 0.001739 TOTAL DIS = 14237.

DELTA HV = 0.17 HF = 0.0 HT = 0.17

PIGEON RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2504.31	46.	2.86	0.120	48.	1.04
		1790.	12.88	0.043	14169.	7.92
		26.	1.85	0.120	20.	0.78

HV = 0.97 SF = 0.001739 TOTAL DIS = 14237.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.890	2503.28	0.	0.0	0.120	0.	0.0
		581.	6.87	0.149	927.	1.59
		1418.	14.69	0.043	13011.	9.18
		186.	4.39	0.130	252.	1.36

HV = 1.20 SF = 0.001960 TOTAL DIS = 14190.

DELTA HV = -0.23 HF = 4.10 HT = 3.98

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.890	2503.28	0.	0.0	0.070	0.	0.0
		581.	6.87	0.085	1930.	3.32
		1418.	14.69	0.057	11661.	8.22
		186.	4.39	0.065	599.	3.22

HV = 0.89 SF = 0.002766 TOTAL DIS = 14190.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.270	2514.30	265.	3.28	0.077	656.	2.48
		1409.	13.88	0.055	12777.	9.07
		224.	4.80	0.077	714.	3.19

HV = 1.17 SF = 0.003378 TOTAL DIS = 14148.

DELTA HV = -0.27 HF = 6.17 HT = 6.03

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.270	2514.30	265.	3.28	0.057	802.	3.03
		1409.	13.88	0.051	12472.	8.85
		224.	4.80	0.057	873.	3.90

HV = 1.10 SF = 0.002768 TOTAL DIS = 14148.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.700	2519.07	0.	0.0	0.120	0.	0.0
		2064.	12.52	0.039	13986.	6.78
		175.	2.01	0.120	114.	0.65

HV = 0.71 SF = 0.001089 TOTAL DIS = 14100.

DELTA HV = 0.39 HF = 4.38 HT = 4.76

PIGEPON RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.700	2519.07	0.	0.0	0.120	0.	0.0
		2064.	12.52	0.025	14020.	6.79
		175.	2.01	0.110	80.	0.46

HV = 0.71 SF = 0.000450 TOTAL DIS = 14100.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2519.78	0.	0.0	0.067	0.	0.0
		201.	5.88	0.067	385.	1.91
		1365.	13.77	0.025	12357.	9.05
		655.	6.11	0.065	1325.	2.02
		0.	0.0	0.065	0.	0.0

HV = 1.13 SF = 0.000702 TOTAL DIS = 14067.

DELTA HV = -0.41 HF = 0.91 HT = 0.71

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2519.78	0.	0.0	0.067	0.	0.0
		201.	5.88	0.067	749.	3.73
		1365.	13.77	0.056	10738.	7.87
		655.	6.11	0.065	2580.	3.94
		0.	0.0	0.065	0.	0.0

HV = 0.79 SF = 0.002662 TOTAL DIS = 14067.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2521.23	0.	0.0	0.120	0.	0.0
		1871.	11.62	0.056	13863.	7.41
		119.	3.28	0.110	193.	1.62

HV = 0.84 SF = 0.002964 TOTAL DIS = 14056.

DELTA HV = -0.05 HF = 1.49 HT = 1.46

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2521.23	0.	0.0	0.100	0.	0.0
		1800.	8.73	0.041	13896.	7.72
		101.	3.06	0.100	159.	1.57

HV = 0.92 SF = 0.002525 TOTAL DIS = 14056.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2521.30	0.	0.0	0.100	0.	0.0
		1882.	11.67	0.041	13902.	7.39
		121.	3.15	0.100	154.	1.26

HV = 0.84 SF = 0.001568 TOTAL DIS = 14056.

DELTA HV = 0.09 HF = 0.0 HT = 0.08

PIGEON RIVER 10 YR FLOOD 9/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2521.30	0.	0.0	0.100	0.	0.0
		1882.	11.67	0.041	13902.	7.39
		121.	3.15	0.100	154.	1.26

HV = 0.84 SF = 0.001568 TOTAL DIS = 14056.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2525.05	0.	0.07	0.120	0.	0.08
		1935.	11.05	0.036	13930.	7.20
		150.	1.12	0.120	70.	0.47

HV = 0.80 SF = 0.001235 TOTAL DIS = 14000.

DELTA HV = 0.04 HF = 3.70 HT = 3.74

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2525.05	0.	0.0	0.120	0.	0.0
		2672.	6.49	0.035	13841.	5.18
		150.	1.12	0.053	159.	1.06

HV = 0.41 SF = 0.001229 TOTAL DIS = 14000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2525.05	0.	0.07	0.120	0.	0.07
		1935.	11.05	0.035	13846.	7.15
		150.	1.12	0.053	154.	1.03

HV = 0.79 SF = 0.001153 TOTAL DIS = 14000.

DELTA HV = -0.37 HF = 0.0 HT = -0.19

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2525.05	0.	0.07	0.120	0.	0.07
		1935.	11.05	0.035	13846.	7.15
		150.	1.12	0.053	154.	1.03

HV = 0.79 SF = 0.001153 TOTAL DIS = 14000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2525.37	0.	0.0	0.068	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.068	0.	0.0
		248.	6.91	0.068	722.	2.91
		1680.	15.40	0.045	12626.	7.52
		142.	6.27	0.045	589.	4.13
		52.	0.88	0.045	58.	1.12

HV = 0.81 SF = 0.001353 TOTAL DIS = 13994.

DELTA HV = -0.02 HF = 0.33 HT = 0.32

BRIDGE

PIGECN RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2525.37	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.065	0.	0.0
		223.	6.97	0.065	950.	4.26
		1650.	11.97	0.051	12833.	7.78
		59.	3.71	0.051	211.	3.56
		0.	0.0	0.051	0.	0.0

HV = 0.88 SF = 0.002602 TOTAL DIS = 13994.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2525.48	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.065	0.	0.0
		251.	6.96	0.065	853.	3.39
		1692.	15.51	0.051	12489.	7.38
		144.	6.32	0.051	586.	4.06
		58.	0.94	0.051	66.	1.14

HV = 0.78 SF = 0.001660 TOTAL DIS = 13994.

DELTA HV = 0.11 HF = 0.0 HT = 0.11

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2525.48	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.065	0.	0.0
		251.	6.96	0.065	853.	3.39
		1692.	15.51	0.051	12489.	7.38
		144.	6.32	0.051	586.	4.06
		58.	0.94	0.051	66.	1.14

HV = 0.78 SF = 0.001660 TOTAL DIS = 13994.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2529.63	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		199.	1.76	0.074	217.	1.09
		1185.	7.37	0.074	3356.	2.83
		1297.	16.70	0.048	9768.	7.53
		239.	5.66	0.071	592.	2.48
		18.	0.22	0.071	5.	0.28

HV = 0.65 SF = 0.001386 TOTAL DIS = 13939.

DELTA HV = 0.13 HF = 4.02 HT = 4.15

PIGECN RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2529.63	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		199.	1.76	0.083	218.	1.09
		1185.	7.37	0.083	3362.	2.84
		1297.	16.70	0.054	9756.	7.52
		239.	5.66	0.079	598.	2.50
		19.	0.22	0.079	5.	0.28

HV = 0.65 SF = 0.001750 TOTAL DIS = 13939.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2538.41	48.	1.33	0.120	23.	0.49
		2054.	15.28	0.045	13646.	6.64
		216.	2.89	0.154	138.	0.64

HV = 0.68 SF = 0.001063 TOTAL DIS = 13808.

DELTA HV = -0.03 HF = 8.78 HT = 8.76

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2538.41	48.	1.33	0.090	23.	0.49
		2054.	15.28	0.034	13602.	6.62
		216.	2.89	0.088	182.	0.84

HV = 0.67 SF = 0.000606 TOTAL DIS = 13808.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2545.50	303.	7.53	0.064	1093.	3.60
		1403.	15.23	0.043	12034.	8.58
		261.	5.87	0.084	607.	2.33

HV = 1.02 SF = 0.001633 TOTAL DIS = 13734.

DELTA HV = -0.35 HF = 7.21 HT = 7.03

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2545.50	303.	7.53	0.072	1086.	3.58
		1403.	15.23	0.048	12049.	8.59
		261.	5.87	0.095	599.	2.30

HV = 1.02 SF = 0.002039 TOTAL DIS = 13734.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2565.20	111.	5.30	0.060	458.	4.13
		737.	14.82	0.044	8234.	11.17
		1402.	9.73	0.105	4958.	3.54

HV = 1.25 SF = 0.003004 TOTAL DIS = 13650.

DELTA HV = -0.22 HF = 19.71 HT = 19.59

PIGEON RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2565.20	111.	5.30	0.060	390.	3.52
		737.	14.82	0.040	7716.	10.47
		1402.	9.73	0.080	5543.	3.95

HV = 1.07 SF = 0.002180 TOTAL DIS = 13650.

CRITICAL DEPTH = 2567.91

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2571.91	0.	0.0	0.060	0.	0.0
		1343.	10.21	0.029	13611.	10.13
		0.	0.0	0.080	0.	0.0

HV = 1.59 SF = 0.001765 TOTAL DIS = 13611.

DELTA HV = -0.53 HF = 6.98 HT = 6.72

CRITICAL DEPTH = 2567.91

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2571.91	0.	0.0	0.061	0.	0.0
		1343.	10.21	0.022	13611.	10.13
		0.	0.0	0.074	0.	0.0

HV = 1.59 SF = 0.001016 TOTAL DIS = 13611.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2573.47	0.	0.0	0.061	0.	0.0
		1556.	9.16	0.022	13000.	8.35
		0.	0.0	0.072	0.	0.0

HV = 1.08 SF = 0.000798 TOTAL DIS = 13000.

DELTA HV = 0.51 HF = 1.05 HT = 1.56

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2573.47	21.	0.50	0.057	20.	0.95
		1351.	7.28	0.034	12815.	9.48
		56.	2.38	0.052	165.	2.95
		0.	0.0	0.052	0.	0.0

HV = 1.38 SF = 0.003336 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2573.84	2.	0.12	0.057	1.	0.26
		1616.	9.43	0.034	12999.	8.04
		0.	0.0	0.052	0.	0.0

HV = 1.00 SF = 0.001699 TOTAL DIS = 13000.

DELTA HV = 0.37 HF = 0.0 HT = 0.37

PIGEON RIVER 10 YR FLOOD 8/26/74 COS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2573.84	2.	0.12	0.057	1.	0.26
		1616.	9.43	0.034	12999.	8.04
		0.	0.0	0.052	0.	0.0

HV = 1.00 SF = 0.001699 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2575.95	0.	0.0	0.050	0.	0.0
		1510.	9.55	0.034	13000.	8.61
		0.	0.0	0.053	0.	0.0

HV = 1.15 SF = 0.001915 TOTAL DIS = 13000.

DELTA HV = -0.15 HF = 2.19 HT = 2.12

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2575.95	0.	0.0	0.055	0.	0.0
		16.	1.12	0.055	21.	1.37
		1348.	6.69	0.026	12854.	9.54
		63.	2.66	0.068	125.	1.97
		0.	0.0	0.068	0.	0.0

HV = 1.40 SF = 0.002210 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2576.26	0.	0.0	0.055	0.	0.0
		1558.	9.74	0.026	13000.	8.34
		0.	0.0	0.068	0.	0.0

HV = 1.08 SF = 0.001024 TOTAL DIS = 13000.

DELTA HV = 0.32 HF = 0.0 HT = 0.32

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2576.26	0.	0.0	0.055	0.	0.0
		1558.	9.74	0.026	13000.	8.34
		0.	0.0	0.068	0.	0.0

HV = 1.08 SF = 0.001024 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.930	2578.48	0.	0.0	0.057	0.	0.0
		1710.	8.53	0.026	13000.	7.60
		0.	0.0	0.065	0.	0.0

HV = 0.90 SF = 0.001014 TOTAL DIS = 13000.

DELTA HV = 0.18 HF = 2.04 HT = 2.23

BRIDGE

PIGEON RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2578.48	0.	0.0	0.078	0.	0.0
		13.	1.14	0.078	25.	1.93
		1557.	5.89	0.056	12485.	8.02
		211.	2.15	0.099	489.	2.32
		0.	0.0	0.099	0.	0.0

HV = 0.96 SF = 0.008598 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2578.55	0.	0.0	0.078	0.	0.0
		1725.	8.59	0.056	13000.	7.54
		0.	0.0	0.099	0.	0.0

HV = 0.88 SF = 0.004588 TOTAL DIS = 13000.

DELTA HV = 0.08 HF = 0.0 HT = 0.08

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2578.55	0.	0.0	0.078	0.	0.0
		1725.	8.59	0.056	13000.	7.54
		0.	0.0	0.099	0.	0.0

HV = 0.88 SF = 0.004588 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2580.20	0.	0.0	0.077	0.	0.0
		1806.	9.07	0.056	13000.	7.20
		0.	0.0	0.099	0.	0.0

HV = 0.80 SF = 0.003891 TOTAL DIS = 13000.

DELTA HV = 0.08 HF = 1.57 HT = 1.65

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2580.20	0.	0.0	0.092	0.	0.0
		1731.	6.71	0.021	13000.	7.51
		0.	0.0	0.099	0.	0.0

HV = 0.88 SF = 0.003891 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2580.27	0.	0.0	0.092	0.	0.0
		1821.	9.13	0.021	13000.	7.14
		0.	0.0	0.099	0.	0.0

HV = 0.79 SF = 0.000533 TOTAL DIS = 13000.

DELTA HV = 0.09 HF = 0.0 HT = 0.08

PIGEON RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.600	2580.27	0.	0.0	0.092	0.	0.0
		1371.	7.13	0.021	13000.	7.14
		0.	0.0	0.099	0.	0.0

HV = 0.79 SF = 0.000533 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2580.43	64.	1.48	0.060	64.	1.00
		1595.	11.05	0.028	12913.	8.15
		33.	2.06	0.120	23.	0.62

HV = 1.02 SF = 0.000957 TOTAL DIS = 13000.

DELTA HV = -0.23 HF = 0.28 HT = 0.16

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2580.43	0.	0.0	0.119	0.	0.0
		61.	1.70	0.118	111.	1.81
		1519.	2.64	0.034	12813.	8.44
		38.	2.06	0.120	77.	2.03
		0.	0.0	0.120	0.	0.0

HV = 1.09 SF = 0.010214 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2580.50	67.	1.53	0.118	42.	0.62
		1594.	11.12	0.034	12929.	8.11
		39.	2.11	0.120	30.	0.76

HV = 1.02 SF = 0.001387 TOTAL DIS = 13000.

DELTA HV = 0.07 HF = 0.0 HT = 0.07

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2580.50	67.	1.53	0.118	42.	0.62
		1594.	11.12	0.034	12929.	8.11
		39.	2.11	0.120	30.	0.76

HV = 1.02 SF = 0.001387 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2582.73	6.	0.31	0.087	2.	0.37
		1468.	10.33	0.037	12995.	8.85
		5.	0.74	0.090	3.	0.63

HV = 1.22 SF = 0.002157 TOTAL DIS = 13000.

DELTA HV = -0.20 HF = 2.34 HT = 2.24

PIGION RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2582.73	5.	0.31	0.090	3.	0.45
		1468.	10.33	0.047	12994.	8.85
		5.	0.74	0.100	3.	0.72

HV = 1.22 SF = 0.003480 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2585.71	0.	0.0	0.090	0.	0.0
		0.	0.0	0.090	0.	0.0
		110.	3.72	0.090	195.	1.77
		1735.	11.94	0.047	12801.	7.38
		17.	0.26	0.100	5.	0.27

HV = 0.83 SF = 0.001995 TOTAL DIS = 13000.

DELTA HV = 0.38 HF = 2.60 HT = 2.98

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2585.71	0.	0.0	0.052	0.	0.0
		0.	0.0	0.052	0.	0.0
		110.	3.72	0.080	173.	1.57
		1735.	11.94	0.037	12821.	7.39
		17.	0.26	0.060	6.	0.35

HV = 0.84 SF = 0.001240 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2585.83	0.	0.0	0.065	0.	0.0
		271.	3.52	0.100	315.	1.17
		1697.	12.81	0.037	12557.	7.46
		57.	0.62	0.075	28.	0.49

HV = 0.84 SF = 0.001150 TOTAL DIS = 13000.

DELTA HV = -0.00 HF = 0.13 HT = 0.12

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2585.83	0.	0.0	0.067	0.	0.0
		140.	3.73	0.100	400.	2.85
		1444.	7.68	0.053	12569.	8.70
		14.	1.70	0.075	31.	2.25
		0.	0.0	0.075	0.	0.0

HV = 1.14 SF = 0.006359 TOTAL DIS = 13000.

PIGEON RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2586.42	0.	0.0	0.067	0.	0.0
		315.	4.04	0.100	473.	1.50
		1784.	13.49	0.053	11279.	6.32
		513.	5.42	0.075	1249.	2.43

HV = 0.55 SF = 0.001532 TOTAL DIS = 13000.

DELTA HV = 0.59 HF = 0.0 HT = 0.59

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2586.42	0.	0.0	0.067	0.	0.0
		315.	4.04	0.100	473.	1.50
		1784.	13.49	0.053	11279.	6.32
		513.	5.42	0.075	1249.	2.43

HV = 0.55 SF = 0.001582 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2587.88	932.	4.29	0.116	1266.	1.36
		1910.	12.61	0.053	11645.	6.10
		68.	2.12	0.075	89.	1.31

HV = 0.52 SF = 0.001611 TOTAL DIS = 13000.

DELTA HV = 0.03 HF = 1.43 HT = 1.46

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2587.88	932.	4.29	0.087	1447.	1.55
		1910.	12.61	0.046	11501.	6.02
		68.	2.12	0.110	52.	0.77

HV = 0.50 SF = 0.001183 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2589.77	74.	4.23	0.080	180.	2.45
		1150.	12.12	0.046	9986.	8.61
		352.	9.33	0.046	2544.	7.23
		135.	5.55	0.110	290.	2.14

HV = 1.05 SF = 0.002552 TOTAL DIS = 13000.

DELTA HV = -0.54 HF = 2.17 HT = 1.90

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2589.77	0.	0.0	0.115	0.	0.0
		1780.	6.02	0.022	12299.	6.91
		119.	4.73	0.022	701.	5.88
		0.	0.0	0.115	0.	0.0

HV = 0.73 SF = 0.000956 TOTAL DIS = 13000.

PIGECN RIVER 10 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2589.77	74.	4.23	0.115	61.	0.83
		1160.	12.12	0.022	10204.	8.80
		352.	9.33	0.022	2600.	7.39
		135.	5.55	0.115	135.	1.00

HV = 1.11 SF = 0.000610 TOTAL DIS = 13000.

DELTA HV = -0.38 HF = 0.0 HT = -0.19

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2589.77	74.	4.23	0.115	61.	0.83
		1160.	12.12	0.022	10204.	8.80
		352.	9.33	0.022	2600.	7.39
		135.	5.55	0.115	135.	1.00

HV = 1.11 SF = 0.000610 TOTAL DIS = 13000.

CRITICAL DEPTH = 2588.36

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2590.96	0.	0.0	0.077	0.	0.0
		1222.	8.69	0.023	12947.	10.59
		56.	2.20	0.102	53.	0.96
		0.	0.0	0.102	0.	0.0

HV = 1.74 SF = 0.001506 TOTAL DIS = 13000.

DELTA HV = -0.62 HF = 1.51 HT = 1.20

BRIDGE

CRITICAL DEPTH = 2589.00

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2590.96	0.	0.0	0.077	0.	0.0
		1159.	5.11	0.023	13000.	11.22
		0.	0.0	0.095	0.	0.0

HV = 1.95 SF = 0.003430 TOTAL DIS = 13000.

CRITICAL DEPTH = 2588.49

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2591.29	0.	0.0	0.077	0.	0.0
		1256.	8.97	0.023	12942.	10.22
		64.	2.46	0.110	58.	0.90
		0.	0.0	0.080	0.	0.0

HV = 1.62 SF = 0.001344 TOTAL DIS = 13000.

DELTA HV = 0.34 HF = 0.0 HT = 0.34

PIGEON RIVER 10 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2588.49

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2591.29	0.	0.0	0.077	0.	0.0
		1266.	8.97	0.023	12942.	10.22
		64.	2.46	0.110	58.	0.90
		0.	0.0	0.080	0.	0.0

HV = 1.62 SF = 0.001344 TOTAL DIS = 13000.

CRITICAL DEPTH = 2593.72

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
65.000	2593.72	0.	0.0	0.067	0.	0.0
		127.	1.81	0.067	244.	1.92
		300.	8.69	0.023	12735.	15.93
		15.	1.32	0.073	21.	1.43

HV = 3.86 SF = 0.003400 TOTAL DIS = 13000.

DELTA HV = -2.24 HF = 2.76 HT = 1.63

62MS

PIGEEON RIVER 50 YR FLOOD 8/26/74 CDS

MILE ELEVATION DISCHARGE

MILE	ELEVATION	DISCHARGE
51.69	2475.28	27909.
51.69	2475.29	27909.
51.69	2475.29	27909.
52.16	2478.57	27809.
52.16	2478.57	27809.
52.16	2479.08	27809.
52.16	2479.08	27609.
53.01	2484.67	27626.
53.01	2484.67	27626.
53.01	2484.84	27626.
53.01	2484.84	27626.
53.56	2490.09	27509.
53.56	2490.09	27509.
53.56	2490.43	27509.
53.56	2490.43	27509.
54.00	2494.84	27500.
54.00	2494.84	27500.
54.50	2502.59	27500.
54.50	2502.59	27500.
54.75	2503.71	27500.
54.75	2503.71	27500.
55.47	2507.99	24324.
55.47	2507.99	24324.
55.47	2508.98	24324.
55.47	2508.98	24324.
55.89	2513.09	24268.
55.89	2513.09	24268.
56.27	2518.75	24217.
56.27	2518.75	24217.
56.70	2523.34	24160.
56.70	2523.34	24160.
57.00	2524.07	24120.
57.00	2524.07	24120.
57.10	2525.42	24107.
57.10	2525.42	24107.
57.10	2525.61	24107.
57.10	2525.61	24107.
57.60	2529.35	24040.
57.60	2529.35	24040.
57.60	2529.35	24040.
57.60	2529.35	24040.
57.65	2529.64	24033.
57.65	2529.64	24033.
57.65	2529.88	24033.
57.65	2529.88	24033.
58.15	2533.75	23967.
58.15	2533.75	23967.
59.33	2542.27	23809.
59.33	2542.27	23809.
60.74	2550.47	23537.
61.40	2550.47	23537.
61.70	2570.43	23199.
62.03	2570.43	23199.
62.70	2576.63	23046.
62.70	2576.63	23046.

55.47

507.57

24324

56.27

72.16

24160

58.15

41.9

23967

60.74

2554.5

61.40

2561.7

61.70

2566.9

62.03

2573.5

PIGEON RIVER 50 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	DISCHARGE
62.92	2578.50	22500.
62.92	2578.50	22500.
62.92	2578.83	22500.
62.92	2578.83	22500.
63.15	2580.28	22500.
63.15	2580.28	22500.
63.15	2581.43	22500.
63.15	2581.43	22500.
63.53	2583.38	22500.
63.53	2583.38	22500.
63.53	2583.76	22500.
63.53	2583.76	22500.
63.60	2584.69	22500.
63.60	2584.69	22500.
63.60	2585.17	22500.
63.60	2585.17	22500.
63.67	2585.22	22500.
63.67	2585.22	22500.
63.67	2585.29	22500.
63.67	2585.29	22500.
63.92	2587.29	22500.
63.92	2587.29	22500.
64.10	2589.69	22500.
64.10	2589.69	22500.
64.12	2589.76	22500.
64.12	2589.76	22500.
64.12	2590.81	22500.
64.12	2590.81	22500.
64.29	2592.18	22500.
64.29	2592.18	22500.
64.51	2593.92	22500.
64.51	2593.92	22500.
64.51	2593.92	22500.
64.51	2593.92	22500.
64.78	2595.05	22500.
64.78	2595.05	22500.
64.78	2595.09	22500.
64.78	2595.09	22500.
65.00	2597.50	22500.

PIGEON RIVER 50 YR FLOOD 8/26/74 CDS

EDGE

CRITICAL DEPTH = 2469.00

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
51.690	2475.28	30.	1.04	0.090	22.	0.71
		2805.	11.49	0.032	27866.	9.93
		22.	1.98	0.100	22.	0.98

HV = 1.53 SF = 0.001764 TOTAL DIS = 27909.

CRITICAL DEPTH = 2469.38

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
51.690	2475.28	30.	1.04	0.090	20.	0.65
		2649.	14.25	0.032	27865.	10.52
		27.	2.03	0.100	25.	0.92

HV = 1.72 SF = 0.001485 TOTAL DIS = 27909.

DELTA HV = -0.19 HF = 0.0 HT = -0.09

CRITICAL DEPTH = 2469.28

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
51.690	2475.28	30.	1.04	0.090	20.	0.65
		2549.	14.25	0.032	27865.	10.52
		27.	2.03	0.100	25.	0.92

HV = 1.72 SF = 0.001485 TOTAL DIS = 27909.

CRITICAL DEPTH = 2471.17

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
52.160	2478.57	50.	3.50	0.090	63.	1.26
		2691.	17.23	0.032	27668.	10.28
		63.	3.96	0.100	78.	1.23

HV = 1.63 SF = 0.001102 TOTAL DIS = 27809.

DELTA HV = 0.08 HF = 3.21 HT = 3.29

BRIDGE

CRITICAL DEPTH = 2471.80

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
52.160	2478.57	0.	0.0	0.070	0.	0.0
		2425.	8.79	0.035	27809.	11.47
		0.	0.0	0.090	0.	0.0

HV = 2.04 SF = 0.004019 TOTAL DIS = 27809.

PIGECN RIVER 50 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2471.03

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
52.160	2479.08	56.	3.69	0.070	97.	1.75
		2768.	17.72	0.035	27611.	9.97
		69.	4.12	0.090	101.	1.47

HV = 1.53 SF = 0.001195 TOTAL DIS = 27809.

DELTA HV = 0.51 HF = 0.0 HT = 0.51

CRITICAL DEPTH = 2471.08

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
52.160	2479.08	56.	3.69	0.070	97.	1.75
		2768.	17.72	0.035	27611.	9.97
		69.	4.12	0.090	101.	1.47

HV = 1.53 SF = 0.001195 TOTAL DIS = 27809.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.010	2484.67	89.	2.94	0.080	116.	1.30
		3046.	15.33	0.035	27252.	8.95
		273.	4.68	0.150	258.	0.95

HV = 1.23 SF = 0.001167 TOTAL DIS = 27626.

DELTA HV = 0.31 HF = 5.30 HT = 5.61

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.010	2484.67	84.	3.27	0.150	99.	1.19
		2841.	11.21	0.043	26742.	9.41
		279.	4.66	0.080	786.	2.82

HV = 1.34 SF = 0.002958 TOTAL DIS = 27626.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.010	2484.84	94.	3.05	0.150	80.	0.85
		3079.	15.49	0.043	26937.	8.75
		282.	4.82	0.080	609.	2.16

HV = 1.16 SF = 0.001659 TOTAL DIS = 27626.

DELTA HV = 0.18 HF = 0.0 HT = 0.18

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.010	2484.84	94.	3.05	0.150	80.	0.85
		3079.	15.49	0.043	26937.	8.75
		282.	4.82	0.080	609.	2.16

HV = 1.16 SF = 0.001659 TOTAL DIS = 27626.

PIGEON RIVER 50 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2490.09	299.	4.26	0.140	371.	1.24
		2915.	17.17	0.048	26670.	9.15
		289.	2.26	0.070	468.	1.62

HV = 1.26 SF = 0.001972 TOTAL DIS = 27509.

DELTA HV = -0.10 HF = 5.27 HT = 5.22

BRIDGE

CRITICAL DEPTH = 2482.20

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2490.09	20.	0.45	0.100	9.	0.46
		93.	4.76	0.100	205.	2.21
		2724.	15.20	0.048	27178.	9.98
		109.	0.94	0.070	117.	1.07

HV = 1.53 SF = 0.002758 TOTAL DIS = 27509.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2490.43	323.	4.56	0.130	561.	1.74
		2972.	17.51	0.048	26395.	8.88
		333.	2.49	0.070	553.	1.66

HV = 1.18 SF = 0.001810 TOTAL DIS = 27509.

DELTA HV = 0.35 HF = 0.0 HT = 0.35

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2490.43	323.	4.56	0.100	561.	1.74
		2972.	17.51	0.048	26395.	8.88
		333.	2.49	0.070	553.	1.66

HV = 1.18 SF = 0.001810 TOTAL DIS = 27509.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.000	2494.34	132.	2.42	0.090	176.	1.34
		2727.	17.50	0.048	25573.	9.38
		604.	5.30	0.070	1751.	2.90

HV = 1.28 SF = 0.002019 TOTAL DIS = 27500.

DELTA HV = -0.10 HF = 4.45 HT = 4.40

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.000	2494.84	132.	2.42	0.130	139.	1.06
		2727.	17.50	0.053	26428.	9.69
		604.	5.30	0.150	932.	1.54

HV = 1.40 SF = 0.002629 TOTAL DIS = 27500.

PIGEOON RIVER 50 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.500	2502.59	767.	5.59	0.130	1583.	2.07
		2485.	15.96	0.053	25333.	10.19
		323.	5.66	0.150	583.	1.80

HV = 1.49 SF = 0.003290 TOTAL DIS = 27500.

DELTA HV = -0.09 HF = 7.81 HT = 7.77

CRITICAL DEPTH = 2496.39

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.500	2502.59	767.	5.59	0.120	712.	0.93
		2485.	15.96	0.021	26546.	10.68
		323.	5.66	0.150	242.	0.75

HV = 1.71 SF = 0.000567 TOTAL DIS = 27500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.750	2503.71	2716.	6.40	0.120	2343.	0.86
		2601.	16.94	0.021	24524.	9.43
		1140.	4.62	0.150	633.	0.55

HV = 1.23 SF = 0.000408 TOTAL DIS = 27500.

DELTA HV = 0.48 HF = 0.64 HT = 1.12

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.750	2503.71	2716.	6.40	0.100	4580.	1.69
		2601.	16.94	0.039	21514.	8.27
		1140.	4.62	0.110	1406.	1.23

HV = 0.84 SF = 0.001083 TOTAL DIS = 27500.

CRITICAL DEPTH = 2501.19

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2507.99	116.	3.80	0.120	131.	1.12
		2286.	16.45	0.034	24103.	10.54
		172.	1.36	0.130	90.	0.52

HV = 1.71 SF = 0.001391 TOTAL DIS = 24324.

DELTA HV = -0.87 HF = 4.70 HT = 4.27

BRIDGE

PIGGEON RIVER 50 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2501.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2507.99	0.	0.05	0.120	0.	0.13
		28.	1.43	0.120	36.	1.28
		1906.	9.58	0.043	24177.	12.68
		63.	2.30	0.120	110.	1.75
		0.	0.0	0.120	0.	0.0

HV = 2.48 SF = 0.006622 TOTAL DIS = 24324.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2508.98	185.	2.04	0.120	157.	0.85
		2419.	17.41	0.043	23894.	9.88
		296.	2.32	0.120	273.	0.92

HV = 1.49 SF = 0.001310 TOTAL DIS = 24324.

DELTA HV = 1.00 HF = 0.0 HT = 1.00

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2508.98	185.	2.04	0.120	157.	0.85
		2419.	17.41	0.043	23894.	9.88
		296.	2.32	0.120	273.	0.92

HV = 1.49 SF = 0.001310 TOTAL DIS = 24324.

CRITICAL DEPTH = 2505.09

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.890	2513.09	169.	3.35	0.120	210.	1.24
		1002.	11.02	0.149	2219.	2.21
		1880.	19.48	0.043	21078.	11.21
		402.	7.13	0.130	762.	1.90

HV = 1.70 SF = 0.002008 TOTAL DIS = 24268.

DELTA HV = -0.22 HF = 4.23 HT = 4.12

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.890	2513.09	169.	3.35	0.070	402.	2.38
		1002.	11.02	0.085	4355.	4.34
		1880.	19.48	0.057	17805.	9.47
		402.	7.13	0.065	1706.	4.25

HV = 1.10 SF = 0.002518 TOTAL DIS = 24268.

PIGCON RIVER 50 YR FLOOD 3/26/74 COS

CRITICAL DEPTH = 2512.35

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.270	2518.75	715.	5.78	0.077	2565.	3.59
		1836.	18.09	0.055	19740.	10.75
		426.	8.08	0.077	1913.	4.49

HV = 1.51 SF = 0.003333 TOTAL DIS = 24217.

DELTA HV = -0.41 HF = 5.87 HT = 5.66

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.270	2518.75	715.	5.78	0.057	3070.	4.29
		1836.	18.09	0.051	18859.	10.27
		426.	8.18	0.057	2289.	5.37

HV = 1.35 SF = 0.002616 TOTAL DIS = 24217.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.700	2523.34	50.	1.66	0.120	29.	0.59
		2754.	16.51	0.039	23328.	8.47
		649.	4.97	0.120	803.	1.24

HV = 1.08 SF = 0.001176 TOTAL DIS = 24160.

DELTA HV = 0.28 HF = 4.30 HT = 4.58

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.700	2523.34	50.	1.66	0.120	19.	0.39
		2754.	16.51	0.025	23574.	8.56
		649.	4.97	0.110	567.	0.87

HV = 1.11 SF = 0.000493 TOTAL DIS = 24160.

CRITICAL DEPTH = 2518.05

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2524.07	0.	0.0	0.067	0.	0.0
		345.	6.42	0.067	861.	2.49
		1790.	18.06	0.025	19877.	11.11
		1121.	10.16	0.065	3263.	2.91
		115.	2.16	0.065	119.	1.04

HV = 1.60 SF = 0.000737 TOTAL DIS = 24120.

DELTA HV = -0.49 HF = 0.97 HT = 0.73

PIGEON RIVER 50 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2524.07	0.	0.0	0.067	0.	0.0
		345.	9.42	0.067	1583.	4.58
		1790.	18.06	0.056	16318.	9.12
		1121.	10.16	0.065	6001.	5.35
		115.	2.16	0.065	218.	1.90

HV = 1.01 SF = 0.002492 TOTAL DIS = 24120.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2525.42	277.	1.63	0.120	253.	0.94
		2538.	15.42	0.056	22040.	9.00
		541.	4.04	0.110	1013.	1.87

HV = 1.19 SF = 0.002995 TOTAL DIS = 24107.

DELTA HV = -0.19 HF = 1.45 HT = 1.35

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2525.42	85.	1.90	0.100	107.	1.25
		2442.	10.59	0.041	23395.	9.58
		316.	3.60	0.100	605.	1.92

HV = 1.33 SF = 0.003006 TOTAL DIS = 24107.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2525.61	301.	1.79	0.100	261.	0.87
		2568.	15.61	0.041	22979.	8.95
		566.	4.21	0.100	867.	1.53

HV = 1.19 SF = 0.001562 TOTAL DIS = 24107.

DELTA HV = 0.20 HF = 0.0 HT = 0.20

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2525.61	301.	1.79	0.100	261.	0.87
		2568.	15.61	0.041	22979.	8.95
		566.	4.21	0.100	867.	1.53

HV = 1.19 SF = 0.001562 TOTAL DIS = 24107.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2529.35	200.	1.08	0.120	90.	0.45
		2651.	14.79	0.036	22806.	8.60
		1201.	3.32	0.120	1145.	0.95

HV = 1.09 SF = 0.001197 TOTAL DIS = 24040.

DELTA HV = 0.10 HF = 3.64 HT = 3.74

BRIDGE

PIGEON RIVER 50 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2529.35	137.	0.81	0.120	72.	0.52
		2804.	6.59	0.035	20330.	7.25
		1201.	3.32	0.053	3639.	3.03

HV = 0.71 SF = 0.002360 TOTAL DIS = 24040.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2529.35	200.	1.08	0.120	83.	0.41
		2651.	14.79	0.035	21574.	8.14
		1201.	3.32	0.053	2383.	1.98

HV = 0.93 SF = 0.001012 TOTAL DIS = 24040.

DELTA HV = -0.22 HF = 0.0 HT = -0.11

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2529.35	200.	1.08	0.120	83.	0.41
		2651.	14.79	0.035	21574.	8.14
		1201.	3.32	0.053	2383.	1.98

HV = 0.93 SF = 0.001012 TOTAL DIS = 24040.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2529.64	0.	0.0	0.068	0.	0.0
		0.	0.0	0.0	0.	0.0
		57.	1.06	0.068	56.	0.83
		406.	9.52	0.068	1461.	3.60
		2141.	19.63	0.045	18877.	8.82
		289.	5.59	0.045	1102.	3.82
		1044.	2.84	0.045	2538.	2.43

HV = 0.98 SF = 0.001346 TOTAL DIS = 24033.

DELTA HV = -0.05 HF = 0.31 HT = 0.29

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2529.64	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		51.	0.82	0.065	55.	1.09
		329.	9.06	0.065	1775.	5.39
		2078.	14.24	0.051	19296.	9.29
		35.	4.21	0.051	351.	4.12
		912.	2.36	0.051	2555.	2.80

HV = 1.13 SF = 0.002043 TOTAL DIS = 24033.

PIGION RIVER 50 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2529.88	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		83.	1.21	0.065	85.	1.03
		415.	9.74	0.065	1716.	4.14
		2167.	19.87	0.051	18377.	8.48
		300.	5.80	0.051	1120.	3.73
		1133.	3.02	0.051	2735.	2.41

HV = 0.89 SF = 0.001574 TOTAL DIS = 24033.

DELTA HV = 0.23 HF = 0.0 HT = 0.23

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2529.88	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		83.	1.21	0.065	85.	1.03
		415.	9.74	0.065	1716.	4.14
		2167.	19.87	0.051	18377.	8.48
		300.	5.80	0.051	1120.	3.73
		1133.	3.02	0.051	2735.	2.41

HV = 0.89 SF = 0.001574 TOTAL DIS = 24033.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2533.75	330.	2.07	0.065	400.	1.21
		0.	0.0	0.0	0.	0.0
		833.	4.97	0.074	1602.	1.91
		1844.	11.47	0.074	6153.	3.34
		1610.	20.73	0.048	12291.	7.64
		497.	7.21	0.071	1269.	2.55
		1563.	3.06	0.071	2252.	1.44

HV = 0.52 SF = 0.001068 TOTAL DIS = 23967.

DELTA HV = 0.37 HF = 3.49 HT = 3.86

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2533.75	330.	2.07	0.065	448.	1.36
		0.	0.0	0.0	0.	0.0
		833.	4.97	0.083	1599.	1.91
		1844.	11.47	0.083	6143.	3.33
		1610.	20.73	0.054	12234.	7.60
		497.	7.21	0.079	1277.	2.57
		1563.	3.06	0.079	2266.	1.45

HV = 0.51 SF = 0.001339 TOTAL DIS = 23967.

PIGON RIVER, 50 YR FLOOD, 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2542.27	206.	4.38	0.120	266.	1.29
		2528.	18.81	0.045	22951.	9.08
		686.	3.50	0.154	593.	0.86

HV = 1.23 SF = 0.001510 TOTAL DIS = 23809.

DELTA HV = -0.72 HF = 8.88 HT = 8.52

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2542.27	206.	4.38	0.090	265.	1.29
		2528.	18.81	0.034	22767.	9.00
		686.	3.50	0.068	777.	1.13

HV = 1.20 SF = 0.000848 TOTAL DIS = 23809.

CRITICAL DEPTH = 2542.47

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2550.47	731.	4.94	0.064	2059.	2.81
		1860.	20.20	0.043	19930.	10.72
		489.	8.85	0.084	1549.	3.16

HV = 1.53 SF = 0.001748 TOTAL DIS = 23537.

DELTA HV = -0.33 HF = 8.35 HT = 8.20

CRITICAL DEPTH = 2542.47

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2550.47	731.	4.94	0.072	2046.	2.80
		1860.	20.20	0.048	19960.	10.73
		489.	8.85	0.095	1531.	3.13

HV = 1.54 SF = 0.002185 TOTAL DIS = 23537.

CRITICAL DEPTH = 2563.43

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2570.43	221.	7.53	0.060	1135.	5.14
		983.	19.77	0.044	13114.	13.34
		2279.	11.64	0.105	8950.	3.93

HV = 1.67 SF = 0.002918 TOTAL DIS = 23199.

DELTA HV = -0.14 HF = 10.94 HT = 19.87

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2570.43	221.	7.53	0.060	964.	4.36
		983.	19.77	0.040	12255.	12.47
		2279.	11.64	0.080	9979.	4.38

HV = 1.42 SF = 0.002106 TOTAL DIS = 23199.

PIGECN RIVER 50 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2571.23

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2576.63	100.	1.57	0.060	134.	1.34
		1952.	13.60	0.029	22848.	11.70
		101.	0.77	0.080	63.	0.62

HV = 2.11 SF = 0.001606 TOTAL DIS = 23046.

DELTA HV = -0.69 HF = 6.57 HT = 6.22

CRITICAL DEPTH = 2571.23

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2575.63	100.	1.57	0.061	100.	1.00
		1952.	13.60	0.022	22893.	11.73
		101.	0.77	0.074	52.	0.51

HV = 2.12 SF = 0.000928 TOTAL DIS = 23046.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2578.50	1146.	3.35	0.061	1443.	1.26
		2423.	13.14	0.022	21057.	8.69
		0.	0.0	0.072	0.	0.0

HV = 1.10 SF = 0.000534 TOTAL DIS = 22500.

DELTA HV = 1.02 HF = 0.85 HT = 1.87

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2579.50	1036.	3.83	0.057	3448.	3.33
		1889.	8.83	0.034	18402.	9.74
		171.	4.09	0.052	650.	3.81
		0.	0.0	0.052	0.	0.0

HV = 1.24 SF = 0.002721 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2578.63	1260.	3.65	0.057	2536.	2.01
		2482.	13.43	0.034	19964.	8.04
		0.	0.0	0.052	0.	0.0

HV = 0.90 SF = 0.001062 TOTAL DIS = 22500.

DELTA HV = 0.34 HF = 0.0 HT = 0.34

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2578.83	1260.	3.65	0.057	2536.	2.01
		2482.	13.43	0.034	19964.	8.04
		0.	0.0	0.052	0.	0.0

HV = 0.90 SF = 0.001062 TOTAL DIS = 22500.

PIGEON RIVER 50 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2574.68

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2580.29	0.	0.0	0.050	0.	0.0
		2228.	12.17	0.034	22500.	10.10
		0.	0.0	0.053	0.	0.0

HV = 1.58 SF = 0.001907 TOTAL DIS = 22500.

DELTA HV = -0.69 HF = 1.80 HT = 1.46

BRIDGE

CRITICAL DEPTH = 2575.20

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2580.28	0.	0.0	0.055	0.	0.0
		29.	1.27	0.055	51.	1.77
		1748.	7.91	0.026	22222.	12.72
		93.	2.79	0.068	226.	2.43
		0.	0.0	0.068	0.	0.0

HV = 2.48 SF = 0.003141 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2581.43	0.	0.0	0.055	0.	0.0
		2435.	12.84	0.026	22474.	9.23
		64.	0.51	0.068	26.	0.41

HV = 1.32 SF = 0.000867 TOTAL DIS = 22500.

DELTA HV = 1.16 HF = 0.0 HT = 1.16

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2581.43	0.	0.0	0.055	0.	0.0
		2435.	12.84	0.026	22474.	9.23
		64.	0.51	0.068	26.	0.41

HV = 1.32 SF = 0.000867 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2583.38	942.	2.36	0.057	1122.	1.19
		2721.	12.31	0.026	21378.	7.86
		0.	0.0	0.065	0.	0.0

HV = 0.71 SF = 0.000665 TOTAL DIS = 22500.

DELTA HV = 0.41 HF = 1.54 HT = 1.95

BRIDGE

PIGEON RIVER 50 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.530	2583.38	0.	0.0	0.078	0.	0.0
		62.	2.29	0.078	172.	2.75
		2425.	7.99	0.056	21355.	8.81
		402.	2.71	0.099	973.	2.42
		0.	0.0	0.099	0.	0.0

HV = 1.15 SF = 0.006900 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2583.76	1095.	2.72	0.078	2060.	1.88
		2803.	12.63	0.056	20440.	7.29
		0.	0.08	0.099	0.	0.14

HV = 0.76 SF = 0.002568 TOTAL DIS = 22500.

DELTA HV = 0.39 HF = 0.0 HT = 0.39

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2583.76	1095.	2.72	0.078	2060.	1.88
		2803.	12.63	0.056	20440.	7.29
		0.	0.08	0.099	0.	0.14

HV = 0.76 SF = 0.002568 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2584.69	0.	0.0	0.077	0.	0.0
		2648.	12.71	0.056	22500.	8.50
		0.	0.0	0.099	0.	0.0

HV = 1.12 SF = 0.003457 TOTAL DIS = 22500.

DELTA HV = -0.37 HF = 1.11 HT = 0.93

BRIDGE

CRITICAL DEPTH = 2578.40

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2584.69	0.	0.0	0.092	0.	0.0
		2264.	7.93	0.021	22500.	9.94
		0.	0.0	0.099	0.	0.0

HV = 1.53 SF = 0.001246 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2585.17	0.	0.0	0.092	0.	0.0
		2737.	13.08	0.021	22500.	8.22
		0.	0.0	0.099	0.	0.0

HV = 1.05 SF = 0.000438 TOTAL DIS = 22500.

DELTA HV = 0.48 HF = 0.0 HT = 0.48

PIGION RIVER 50 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2585.17	0.	0.0	0.092	0.	0.0
		2737.	13.08	0.021	22500.	8.22
		0.	0.0	0.099	0.	0.0

HV = 1.05 SF = 0.000438 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2585.22	398.	2.60	0.060	544.	1.37
		2246.	15.66	0.028	21795.	9.70
		159.	4.69	0.120	161.	1.01

HV = 1.42 SF = 0.000353 TOTAL DIS = 22500.

DELTA HV = -0.37 HF = 0.24 HT = 0.05

BRIDGE

CRITICAL DEPTH = 2578.90

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2585.22	0.	0.0	0.118	0.	0.0
		202.	4.20	0.118	660.	3.26
		2105.	3.55	0.034	21292.	10.11
		159.	4.69	0.120	548.	3.45
		0.	0.0	0.120	0.	0.0

HV = 1.51 SF = 0.009902 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2585.22	409.	2.22	0.118	311.	0.76
		2255.	15.73	0.034	21990.	9.75
		161.	4.73	0.120	199.	1.24

HV = 1.44 SF = 0.001263 TOTAL DIS = 22500.

DELTA HV = 0.07 HF = 0.0 HT = 0.07

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2585.29	409.	2.22	0.118	311.	0.76
		2255.	15.73	0.034	21990.	9.75
		161.	4.73	0.120	199.	1.24

HV = 1.44 SF = 0.001263 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2587.29	945.	2.67	0.087	1276.	1.35
		2080.	14.64	0.037	20559.	9.88
		484.	2.88	0.090	665.	1.38

HV = 1.39 SF = 0.001691 TOTAL DIS = 22500.

DELTA HV = 0.05 HF = 1.95 HT = 2.00

PIGION RIVER 50 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2587.29	945.	2.67	0.090	1540.	1.63
		2080.	14.64	0.047	20212.	9.72
		484.	2.88	0.100	748.	1.55

HV = 1.32 SF = 0.002637 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2589.69	0.	0.0	0.090	0.	0.0
		237.	0.82	0.090	154.	0.65
		253.	5.64	0.090	594.	2.35
		2292.	15.78	0.047	20488.	8.94
		920.	3.51	0.100	1264.	1.54

HV = 1.13 SF = 0.002020 TOTAL DIS = 22500.

DELTA HV = 0.19 HF = 2.21 HT = 2.40

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2589.69	0.	0.0	0.052	0.	0.0
		237.	0.82	0.052	206.	0.87
		253.	5.64	0.080	518.	2.05
		2292.	15.78	0.037	20145.	8.79
		820.	3.51	0.060	1631.	1.99

HV = 1.08 SF = 0.001210 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2589.76	362.	1.32	0.065	352.	0.97
		579.	6.86	0.100	1100.	1.90
		2192.	16.55	0.037	20239.	9.23
		454.	4.05	0.075	809.	1.78

HV = 1.20 SF = 0.001253 TOTAL DIS = 22500.

DELTA HV = -0.12 HF = 0.13 HT = 0.07

BRIDGE

CRITICAL DEPTH = 2584.20

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2589.76	216.	0.97	0.067	415.	1.92
		261.	5.28	0.100	1036.	3.97
		1915.	9.22	0.053	20822.	10.87
		57.	3.44	0.075	228.	3.98
		0.	0.0	0.075	0.	0.0

HV = 1.71 SF = 0.007774 TOTAL DIS = 22500.

PIGEON RIVER 50 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2590.81	686.	1.81	0.067	869.	1.27
		666.	7.70	0.100	1485.	2.23
		2337.	17.67	0.053	17102.	7.32
		975.	8.29	0.075	3043.	3.12

HV = 0.66 SF = 0.001480 TOTAL DIS = 22500.

DELTA HV = 1.05 HF = 0.0 HT = 1.05

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2590.81	686.	1.81	0.067	869.	1.27
		666.	7.70	0.100	1485.	2.23
		2337.	17.67	0.053	17102.	7.32
		975.	8.29	0.075	3043.	3.12

HV = 0.66 SF = 0.001480 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2592.18	2004.	6.98	0.116	3721.	1.86
		2552.	16.26	0.053	18216.	7.14
		273.	4.25	0.075	563.	2.06

HV = 0.65 SF = 0.001574 TOTAL DIS = 22500.

DELTA HV = 0.01 HF = 1.37 HT = 1.33

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2592.18	2004.	6.98	0.087	4239.	2.12
		2552.	16.26	0.046	17933.	7.03
		273.	4.25	0.110	328.	1.20

HV = 0.62 SF = 0.001149 TOTAL DIS = 22500.

CRITICAL DEPTH = 2587.92

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2593.92	141.	5.86	0.080	445.	3.15
		1546.	16.15	0.046	16651.	10.77
		505.	13.40	0.046	4807.	9.51
		236.	6.79	0.110	597.	2.53

HV = 1.64 SF = 0.002724 TOTAL DIS = 22500.

DELTA HV = -1.01 HF = 2.25 HT = 1.74

BRIDGE

PIGEBON RIVER 50 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2593.92	0.	0.0	0.115	0.	0.0
		2429.	7.03	0.022	21014.	8.65
		185.	6.30	0.022	1486.	8.04
		0.	0.0	0.115	0.	0.0

HV = 1.15 SF = 0.001218 TOTAL DIS = 22500.

CRITICAL DEPTH = 2587.97

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2593.92	141.	5.86	0.115	152.	1.08
		1546.	16.15	0.022	17124.	11.08
		505.	13.40	0.022	4943.	9.78
		236.	6.79	0.115	281.	1.19

HV = 1.78 SF = 0.000659 TOTAL DIS = 22500.

DELTA HV = -0.63 HF = 0.0 HT = -0.31

CRITICAL DEPTH = 2587.92

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2593.92	141.	5.86	0.115	152.	1.08
		1546.	16.15	0.022	17124.	11.08
		505.	13.40	0.022	4943.	9.78
		236.	6.79	0.115	281.	1.19

HV = 1.73 SF = 0.000659 TOTAL DIS = 22500.

CRITICAL DEPTH = 2591.45

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2595.05	0.	0.0	0.077	0.	0.0
		1781.	12.02	0.023	22196.	12.46
		170.	5.39	0.102	279.	1.65
		50.	0.89	0.102	25.	0.50

HV = 2.38 SF = 0.001351 TOTAL DIS = 22500.

DELTA HV = -0.60 HF = 1.43 HT = 1.13

BRIDGE

CRITICAL DEPTH = 2592.20

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2595.05	0.	0.0	0.077	0.	0.0
		1802.	6.48	0.023	22500.	12.49
		0.	0.0	0.095	0.	0.0

HV = 2.42 SF = 0.003096 TOTAL DIS = 22500.

PIGECN RIVER 50 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2591.49

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2595.09	0.	0.0	0.077	0.	0.0
		1787.	12.05	0.023	22205.	12.43
		171.	5.43	0.110	261.	1.53
		53.	0.93	0.080	34.	0.65

HV = 2.37 SF = 0.001339 TOTAL DIS = 22500.

DELTA HV = 0.05 HF = 0.0 HT = 0.05

CRITICAL DEPTH = 2591.49

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2595.09	0.	0.0	0.077	0.	0.0
		1787.	12.05	0.023	22205.	12.43
		171.	5.43	0.110	261.	1.53
		53.	0.93	0.080	34.	0.65

HV = 2.37 SF = 0.001339 TOTAL DIS = 22500.

CRITICAL DEPTH = 2597.50

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
65.000	2597.50	36.	0.70	0.067	33.	0.94
		420.	4.89	0.067	1442.	3.43
		1129.	12.27	0.023	20826.	18.45
		85.	3.15	0.073	199.	2.35

HV = 4.90 SF = 0.002880 TOTAL DIS = 22500.

DELTA HV = -2.54 HF = 2.45 HT = 1.18

PIMS

PIGEON RIVER 500 YR FLOOD 8/25/74 CDS

MILE ELEVATION DISCHARGE

MILE	ELEVATION	DISCHARGE
51.69	2481.30	50364.
51.69	2481.30	50364.
51.69	2481.30	50364.
52.16	2484.69	50029.
52.16	2484.69	50029.
52.16	2487.10	50029.
52.16	2487.10	50029.
53.01	2492.31	49421.
53.01	2492.31	49421.
53.01	2492.46	49421.
53.01	2492.46	49421.
53.56	2496.83	49029.
53.56	2496.83	49029.
53.56	2497.70	49029.
53.56	2497.70	49029.
54.00	2501.37	49000.
54.00	2501.37	49000.
54.50	2508.91	49000.
54.50	2508.91	49000.
54.75	2510.62	49000.
54.75	2510.62	49000.
55.47	2513.92	43310.
55.47	2513.92	43310.
55.47	2517.41	43310.
55.47	2517.41	43310.
55.89	2520.54	43170.
55.89	2520.54	43170.
56.27	2525.29	43043.
56.27	2525.29	43043.
56.70	2529.23	42900.
56.70	2529.23	42900.
57.00	2530.04	42800.
57.00	2530.04	42800.
57.10	2531.20	42767.
57.10	2531.20	42767.
57.10	2531.82	42767.
57.10	2531.82	42767.
57.60	2535.07	42600.
57.60	2535.07	42600.
57.60	2535.07	42600.
57.60	2535.07	42600.
57.65	2535.42	42583.
57.65	2535.42	42583.
57.65	2535.45	42583.
57.65	2535.45	42583.
58.15	2538.21	42417.
58.15	2538.21	42417.
59.33	2547.10	42023.
59.33	2547.10	42023.
60.55	2556.44	41540.
60.55	2556.44	41540.
61.70	2576.80	40948.
62.03	2576.80	40948.
62.70	2582.63	40680.
62.70	2582.63	40680.

55

53.6

43323

56.4

53.6

42370

60.74
61.40
61.70

62.25

2556.44
2556.44
2576.80

2576.80

42023

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	DISCHARGE
62.92	2584.60	40000.
62.92	2584.60	40000.
62.92	2585.01	40000.
62.92	2585.01	40000.
63.15	2585.91	40000.
63.15	2586.80	40000.
63.15	2589.84	40000.
63.15	2589.84	40000.
63.53	2591.12	40000.
63.53	2591.12	40000.
63.53	2593.95	40000.
63.53	2593.95	40000.
63.60	2594.11	40000.
63.60	2594.11	40000.
63.60	2594.73	40000.
63.60	2594.73	40000.
63.67	2594.89	40000.
63.67	2594.89	40000.
63.67	2594.89	40000.
63.67	2594.89	40000.
63.92	2595.91	40000.
63.92	2595.91	40000.
64.10	2596.78	40000.
64.10	2596.78	40000.
64.12	2596.78	40000.
64.12	2596.78	40000.
64.12	2597.17	40000.
64.12	2597.17	40000.
64.29	2598.03	40000.
64.29	2598.03	40000.
64.51	2599.45	40000.
64.51	2599.45	40000.
64.51	2599.45	40000.
64.51	2599.45	40000.
64.78	2600.79	40000.
64.78	2600.79	40000.
64.78	2604.46	40000.
64.78	2604.46	40000.
65.00	2604.65	40000.

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

EDGE

CRITICAL DEPTH = 2473.40							
MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY	
51.690	2481.30	299.	5.75	0.090	712.	2.38	
		3943.	14.71	0.032	49411.	12.53	
		129.	4.76	0.100	242.	1.89	

HV = 2.39 SF = 0.002021 TOTAL DIS = 50364.

CRITICAL DEPTH = 2474.14							
MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY	
51.690	2481.30	299.	5.75	0.090	612.	2.05	
		3733.	20.08	0.032	49495.	13.26	
		156.	4.88	0.100	258.	1.65	

HV = 2.68 SF = 0.001494 TOTAL DIS = 50364.

DELTA HV = -0.29 HF = 0.0 HT = -0.15

CRITICAL DEPTH = 2474.10							
MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY	
51.690	2481.30	299.	5.75	0.090	612.	2.05	
		3733.	20.08	0.032	49495.	13.26	
		156.	4.88	0.100	258.	1.65	

HV = 2.68 SF = 0.001494 TOTAL DIS = 50364.

CRITICAL DEPTH = 2475.89							
MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY	
52.160	2484.69	140.	5.85	0.090	271.	1.94	
		3626.	23.21	0.032	49612.	13.68	
		196.	1.63	0.100	146.	0.74	

HV = 2.88 SF = 0.001311 TOTAL DIS = 50029.

DELTA HV = -0.20 HF = 3.48 HT = 3.38

BRIDGE

CRITICAL DEPTH = 2477.00							
MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY	
52.160	2484.69	1.	0.09	0.070	0.	0.40	
		2875.	9.19	0.035	50027.	17.39	
		3.	0.14	0.090	1.	0.42	

HV = 4.70 SF = 0.003720 TOTAL DIS = 50029.

PIGEEON RIVER 500 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2475.90

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
52.160	2487.10	188.	6.78	0.070	474.	2.53
		3996.	25.57	0.035	48893.	12.24
		529.	3.45	0.090	662.	1.25

HV = 2.27 SF = 0.001102 TOTAL DIS = 50029.

DELTA HV = 2.42 HF = 0.0 HT = 2.42

CRITICAL DEPTH = 2475.90

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
52.160	2487.10	188.	6.78	0.070	474.	2.53
		3996.	25.57	0.035	48893.	12.24
		529.	3.45	0.090	662.	1.25

HV = 2.27 SF = 0.001102 TOTAL DIS = 50029.

CRITICAL DEPTH = 2481.71

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.010	2492.31	423.	7.16	0.080	892.	2.11
		4542.	22.96	0.035	47446.	10.45
		753.	10.39	0.150	1084.	1.44

HV = 1.63 SF = 0.000933 TOTAL DIS = 49421.

DELTA HV = 0.64 HF = 4.57 HT = 5.21

BRIDGE

CRITICAL DEPTH = 2482.30

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.010	2492.31	307.	6.37	0.150	535.	1.74
		4245.	14.95	0.043	45591.	10.74
		766.	9.62	0.080	3295.	4.30

HV = 1.67 SF = 0.002622 TOTAL DIS = 49421.

CRITICAL DEPTH = 2481.86

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.010	2492.46	432.	7.24	0.150	581.	1.35
		4573.	23.01	0.043	46375.	10.14
		763.	10.50	0.080	2466.	3.23

HV = 1.51 SF = 0.001316 TOTAL DIS = 49421.

DELTA HV = 0.16 HF = 0.0 HT = 0.16

PIPERN RIVER 500 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2481.86

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.710	2492.46	432.	7.24	0.150	581.	1.35
		4573.	23.01	0.043	46375.	10.14
		763.	10.50	0.080	2466.	3.23

HV = 1.51 SF = 0.001316 TOTAL DIS = 49421.

CRITICAL DEPTH = 2486.63

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2496.83	788.	9.79	0.140	1579.	2.00
		4041.	23.81	0.048	42727.	10.57
		1399.	7.56	0.070	4722.	3.38

HV = 1.53 SF = 0.001704 TOTAL DIS = 49029.

DELTA HV = -0.03 HF = 4.38 HT = 4.37

BRIDGE

CRITICAL DEPTH = 2486.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2496.83	430.	6.08	0.100	1294.	3.01
		129.	5.62	0.100	368.	2.85
		3281.	17.66	0.048	41845.	12.75
		1211.	6.65	0.070	5521.	4.56

HV = 2.20 SF = 0.003689 TOTAL DIS = 49029.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2497.70	354.	10.45	0.100	2299.	2.69
		4186.	24.66	0.048	41589.	9.94
		1558.	8.31	0.070	5141.	3.30

HV = 1.32 SF = 0.001435 TOTAL DIS = 49029.

DELTA HV = 0.87 HF = 0.0 HT = 0.87

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
53.560	2497.70	354.	10.45	0.100	2299.	2.69
		4186.	24.66	0.048	41589.	9.94
		1558.	8.31	0.070	5141.	3.30

HV = 1.32 SF = 0.001435 TOTAL DIS = 49029.

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2492.17

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.000	2501.37	467.	7.61	0.090	1298.	2.78
		3720.	23.97	0.048	41540.	11.17
		1455.	9.82	0.070	6162.	4.24

HV = 1.68 SF = 0.001893 TOTAL DIS = 49000.

DELTA HV = -0.36 HF = 6.87 HT = 3.69

CRITICAL DEPTH = 2491.97

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.000	2501.37	467.	7.61	0.130	1064.	2.28
		3720.	23.87	0.053	44532.	11.97
		1455.	9.82	0.150	3404.	2.34

HV = 2.03 SF = 0.002653 TOTAL DIS = 49000.

CRITICAL DEPTH = 2501.31

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.500	2503.91	1761.	9.33	0.130	5109.	2.90
		3446.	22.13	0.053	42099.	12.22
		774.	8.69	0.150	1792.	2.31

HV = 2.01 SF = 0.003057 TOTAL DIS = 49000.

DELTA HV = 0.02 HF = 7.54 HT = 7.56

CRITICAL DEPTH = 2501.11

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.500	2503.91	1761.	9.83	0.120	2388.	1.36
		3446.	22.13	0.021	45839.	13.30
		774.	8.69	0.150	773.	1.00

HV = 2.57 SF = 0.000569 TOTAL DIS = 49000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.750	2510.62	5789.	12.40	0.120	7108.	1.23
		3638.	23.69	0.021	39303.	10.80
		2992.	10.25	0.150	2589.	0.87

HV = 1.46 SF = 0.000343 TOTAL DIS = 49000.

DELTA HV = 1.12 HF = 0.60 HT = 1.72

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.750	2510.62	5739.	12.40	0.100	12580.	2.17
		3638.	23.69	0.039	31213.	8.58
		2992.	10.25	0.110	5207.	1.74

HV = 0.75 SF = 0.000745 TOTAL DIS = 49000.

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2505.92

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2513.92	943.	4.70	0.120	1120.	1.33
		3086.	22.21	0.034	40754.	13.20
		931.	6.63	0.130	1436.	1.54

HV = 2.55 SF = 0.001462 TOTAL DIS = 43310.

DELTA HV = -1.80 HF = 4.20 HT = 3.30

BRIDGE

CRITICAL DEPTH = 2505.80

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2513.92	606.	3.78	0.120	2049.	3.38
		73.	3.13	0.120	219.	2.98
		2121.	10.66	0.043	39922.	18.82
		37.	2.34	0.120	196.	2.45
		430.	2.85	0.120	924.	2.80

HV = 5.09 SF = 0.012645 TOTAL DIS = 43310.

CRITICAL DEPTH = 2506.01

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2517.41	1476.	7.86	0.120	2579.	1.75
		3558.	25.60	0.043	38139.	10.72
		1504.	7.69	0.120	2592.	1.72

HV = 1.50 SF = 0.001275 TOTAL DIS = 43310.

DELTA HV = 3.51 HF = 0.0 HT = 3.51

CRITICAL DEPTH = 2506.01

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.470	2517.41	1476.	7.86	0.120	2579.	1.75
		3558.	25.60	0.043	38139.	10.72
		1504.	7.69	0.120	2592.	1.72

HV = 1.58 SF = 0.001275 TOTAL DIS = 43310.

CRITICAL DEPTH = 2511.54

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.890	2520.54	648.	9.09	0.120	1395.	2.15
		1658.	18.23	0.149	4942.	2.98
		2595.	26.88	0.043	34733.	13.38
		375.	10.73	0.130	2100.	2.40

HV = 2.28 SF = 0.001862 TOTAL DIS = 43170.

DELTA HV = -0.60 HF = 3.43 HT = 3.14

PIGION RIVER 500 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
55.890	2520.54	648.	8.09	0.070	2490.	3.84
		1658.	18.23	0.085	9020.	5.44
		2595.	26.98	0.057	27285.	10.51
		875.	10.73	0.065	4374.	5.00

HV = 1.23 SF = 0.002019 TOTAL DIS = 43170.

CRITICAL DEPTH = 2517.69

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.270	2525.29	1719.	9.42	0.077	8125.	4.73
		2464.	24.28	0.055	30652.	12.44
		756.	12.27	0.077	4266.	5.64

HV = 1.83 SF = 0.003016 TOTAL DIS = 43043.

DELTA HV = -0.59 HF = 5.05 HT = 4.76

CRITICAL DEPTH = 2517.49

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.270	2525.29	1719.	9.42	0.057	9488.	5.52
		2464.	24.28	0.051	28574.	11.60
		756.	12.27	0.057	4981.	6.59

HV = 1.57 SF = 0.002254 TOTAL DIS = 43043.

CRITICAL DEPTH = 2518.83

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.700	2529.23	379.	4.59	0.120	459.	1.21
		3709.	22.24	0.039	39566.	10.67
		1548.	3.72	0.120	2875.	1.86

HV = 1.63 SF = 0.001253 TOTAL DIS = 42900.

DELTA HV = -0.06 HF = 3.98 HT = 3.95

CRITICAL DEPTH = 2518.83

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.700	2529.23	379.	4.59	0.120	302.	0.79
		3709.	22.24	0.025	40539.	10.93
		1543.	3.72	0.110	2060.	1.33

HV = 1.75 SF = 0.002541 TOTAL DIS = 42900.

PIGION RIVER 500 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2522.34

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2530.04	358.	3.95	0.067	555.	1.51
		572.	13.25	0.067	1932.	3.38
		2382.	24.03	0.025	32092.	13.47
		1772.	16.07	0.065	7025.	3.96
		664.	4.92	0.065	1196.	1.80

HV = 2.15 SF = 0.000741 TOTAL DIS = 42800.

DELTA HV = -0.41 HF = 1.02 HT = 0.81

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2530.04	368.	3.95	0.067	949.	2.58
		572.	13.25	0.067	3304.	5.78
		2382.	24.03	0.056	24493.	10.28
		1772.	16.07	0.065	12010.	6.78
		664.	4.92	0.065	2044.	3.08

HV = 1.19 SF = 0.002166 TOTAL DIS = 42800.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2531.20	1491.	5.46	0.120	2925.	1.96
		3463.	21.05	0.056	35805.	10.34
		1344.	9.07	0.110	4037.	3.00

HV = 1.41 SF = 0.002613 TOTAL DIS = 42767.

DELTA HV = -0.22 HF = 1.26 HT = 1.15

BRIDGE

CRITICAL DEPTH = 2522.00

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2531.20	371.	5.98	0.100	1082.	2.92
		3332.	12.84	0.041	39494.	11.85
		722.	6.34	0.100	2191.	3.04

HV = 2.02 SF = 0.003553 TOTAL DIS = 42767.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2531.82	1658.	5.75	0.100	2984.	1.73
		3563.	21.66	0.041	36390.	10.21
		1435.	9.59	0.100	3493.	2.43

HV = 1.39 SF = 0.001315 TOTAL DIS = 42767.

DELTA HV = 0.64 HF = 0.0 HT = 0.54

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2531.82	1668.	5.75	0.100	2884.	1.73
		3563.	21.56	0.041	35390.	10.21
		1435.	9.59	0.100	3493.	2.43

HV = 1.39 SF = 0.001315 TOTAL DIS = 42767.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2535.07	1262.	6.52	0.120	1742.	1.38
		3606.	20.12	0.036	35168.	9.75
		3709.	7.64	0.120	5690.	1.53

HV = 1.23 SF = 0.001020 TOTAL DIS = 42600.

DELTA HV = 0.16 HF = 3.08 HT = 3.25

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2535.07	1150.	5.93	0.120	2045.	1.78
		3229.	7.47	0.035	22956.	7.11
		3707.	7.59	0.053	17599.	4.75

HV = 0.97 SF = 0.001921 TOTAL DIS = 42600.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2535.07	1262.	6.52	0.120	1461.	1.16
		3606.	20.12	0.035	30335.	8.41
		3709.	7.64	0.053	10905.	2.91

HV = 0.82 SF = 0.000717 TOTAL DIS = 42600.

DELTA HV = -0.25 HF = 0.0 HT = -0.12

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2535.07	1262.	6.52	0.120	1461.	1.16
		3606.	20.12	0.035	30335.	8.41
		3709.	7.64	0.053	10805.	2.91

HV = 0.82 SF = 0.000717 TOTAL DIS = 42600.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2535.42	84.	0.62	0.068	39.	0.47
		0.	0.0	0.0	0.	0.0
		804.	5.40	0.068	1586.	1.97
		631.	14.81	0.068	2439.	3.86
		2766.	25.36	0.045	23113.	8.36
		555.	10.74	0.045	2615.	4.71
		3752.	6.61	0.045	12791.	3.41

HV = 0.68 SF = 0.000860 TOTAL DIS = 42533.

DELTA HV = 0.14 HF = 0.21 HT = 0.35

BRIDGE

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2535.42	84.	0.62	0.065	59.	0.70
		0.	0.0	0.0	0.	0.0
		858.	5.26	0.065	2514.	2.93
		448.	11.89	0.065	2263.	5.05
		2546.	17.45	0.051	21146.	8.30
		116.	5.36	0.051	439.	3.78
		3832.	6.32	0.051	16162.	4.22

HV = 0.67 SF = 0.001794 TOTAL DIS = 42593.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2535.45	88.	0.64	0.065	48.	0.55
		0.	0.0	0.0	0.	0.0
		808.	5.42	0.065	1855.	2.30
		632.	14.83	0.065	2839.	4.49
		2768.	25.38	0.051	22672.	8.19
		556.	10.76	0.051	2570.	4.62
		3766.	6.63	0.051	12598.	3.35

HV = 0.65 SF = 0.001059 TOTAL DIS = 42583.

DELTA HV = 0.02 HF = 0.0 HT = 0.02

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2535.45	88.	0.64	0.065	48.	0.55
		0.	0.0	0.0	0.	0.0
		808.	5.42	0.065	1855.	2.30
		632.	14.83	0.065	2839.	4.49
		2768.	25.38	0.051	22672.	8.19
		556.	10.76	0.051	2570.	4.62
		3766.	6.63	0.051	12598.	3.35

HV = 0.65 SF = 0.001059 TOTAL DIS = 42583.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.150	2538.21	1074.	5.89	0.065	2341.	2.18
		0.	0.0	0.0	0.	0.0
		1579.	9.13	0.074	4048.	2.56
		2558.	15.91	0.074	9499.	3.71
		1949.	25.10	0.048	15124.	7.76
		791.	11.49	0.071	2466.	3.12
		4095.	6.76	0.071	8939.	2.19

HV = 0.42 SF = 0.000955 TOTAL DIS = 42417.

DELTA HV = 0.23 HF = 2.53 HT = 2.76

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.150	2538.21	1074.	5.89	0.065	2605.	2.43
		0.	0.0	0.0	0.	0.0
		1579.	9.13	0.083	4017.	2.54
		2558.	15.91	0.083	9426.	3.68
		1949.	25.10	0.054	14952.	7.68
		791.	11.49	0.079	2466.	3.12
		4085.	6.76	0.079	8941.	2.19

HV = 0.41 SF = 0.001059 TOTAL DIS = 42417.

CRITICAL DEPTH = 2537.49

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2547.10	482.	6.51	0.120	945.	1.96
		3122.	23.23	0.045	38079.	12.20
		1811.	7.36	0.154	2999.	1.66

HV = 2.10 SF = 0.002058 TOTAL DIS = 42023.

DELTA HV = -1.00 HF = 9.71 HT = 8.87

CRITICAL DEPTH = 2537.49

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2547.10	482.	6.51	0.090	930.	1.93
		3122.	23.23	0.034	37217.	11.92
		1811.	7.36	0.088	3876.	2.14

HV = 1.96 SF = 0.001123 TOTAL DIS = 42023.

CRITICAL DEPTH = 2547.04

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2556.44	1811.	8.42	0.064	7350.	4.06
		2409.	26.15	0.043	30988.	12.87
		838.	11.56	0.084	3201.	3.82

HV = 1.98 SF = 0.001785 TOTAL DIS = 41540.

DELTA HV = -0.02 HF = 9.37 HT = 9.36

CRITICAL DEPTH = 2547.04

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2556.44	1811.	8.42	0.072	7311.	4.04
		2409.	26.15	0.048	31062.	12.90
		838.	11.56	0.095	3167.	3.78

HV = 1.99 SF = 0.002235 TOTAL DIS = 41540.

PIGEON RIVER 500 YR FLOOD 3/26/74 CDS

CRITICAL DEPTH = 2568.40

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2576.80	401.	10.13	0.060	2556.	6.37
		1282.	25.79	0.044	20763.	16.19
		3629.	15.62	0.105	17630.	4.86

HV = 2.26 SF = 0.003018 TOTAL DIS = 40948.

DELTA HV = -0.27 HF = 20.52 HT = 20.39

CRITICAL DEPTH = 2567.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2576.80	401.	10.13	0.060	2156.	5.37
		1282.	25.79	0.040	19269.	15.03
		3629.	15.62	0.080	19523.	5.38

HV = 1.89 SF = 0.002148 TOTAL DIS = 40948.

CRITICAL DEPTH = 2577.43

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2582.63	668.	6.31	0.060	2004.	3.00
		2766.	18.87	0.029	35641.	12.89
		1503.	5.36	0.080	3035.	2.02

HV = 2.27 SF = 0.001259 TOTAL DIS = 40680.

DELTA HV = -0.38 HF = 6.03 HT = 5.84

CRITICAL DEPTH = 2577.03

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2582.63	668.	6.31	0.061	1535.	2.30
		2766.	18.87	0.022	36589.	13.23
		1503.	5.36	0.074	2556.	1.70

HV = 2.45 SF = 0.000764 TOTAL DIS = 40680.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2584.60	3394.	8.72	0.061	6944.	2.05
		3516.	18.59	0.022	33034.	9.39
		65.	0.77	0.072	22.	0.34

HV = 1.14 SF = 0.000393 TOTAL DIS = 40000.

DELTA HV = 1.31 HF = 0.67 HT = 1.98

BRIDGE

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2584.60	2857.	8.95	0.057	18437.	6.45
		1922.	8.78	0.034	20520.	10.68
		220.	4.25	0.052	947.	4.30
		63.	0.90	0.052	96.	1.53

HV = 1.21 SF = 0.003297 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2585.01	3555.	9.10	0.057	10603.	2.98
		3590.	18.98	0.034	29316.	8.17
		104.	1.06	0.052	81.	0.78

HV = 0.80 SF = 0.000689 TOTAL DIS = 40000.

DELTA HV = 0.42 HF = 0.0 HT = 0.42

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2585.01	3555.	9.10	0.057	10603.	2.98
		3590.	18.98	0.034	29316.	8.17
		104.	1.06	0.052	81.	0.78

HV = 0.80 SF = 0.000689 TOTAL DIS = 40000.

CRITICAL DEPTH = 2579.31

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2585.91	0.	0.00	0.050	0.	0.03
		3299.	16.04	0.034	36849.	11.21
		1023.	4.50	0.053	3151.	3.08

HV = 1.81 SF = 0.001625 TOTAL DIS = 40000.

DELTA HV = -1.01 HF = 1.40 HT = 0.90

BRIDGE

CRITICAL DEPTH = 2586.80

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2586.80	115.	2.31	0.055	393.	3.41
		53.	1.91	0.055	159.	3.00
		1944.	8.80	0.026	34251.	17.62
		197.	5.42	0.068	959.	4.88
		1015.	4.29	0.068	4237.	4.17

HV = 4.17 SF = 0.005230 TOTAL DIS = 40000.

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2589.84	122.	2.15	0.055	117.	0.96
		4066.	19.83	0.026	36253.	8.92
		1929.	8.14	0.068	3630.	1.88

HV = 1.12 SF = 0.000453 TOTAL DIS = 40000.

DELTA HV = 3.04 HF = 0.0 HT = 3.04

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2589.84	122.	2.15	0.055	117.	0.96
		4066.	19.83	0.026	36253.	8.92
		1929.	8.14	0.068	3630.	1.88

HV = 1.12 SF = 0.000453 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2591.12	4803.	8.45	0.057	8734.	1.82
		4394.	19.38	0.026	30455.	6.93
		873.	3.74	0.065	810.	0.93

HV = 0.58 SF = 0.000283 TOTAL DIS = 40000.

DELTA HV = 0.54 HF = 0.74 HT = 1.23

BRIDGE

CRITICAL DEPTH = 2591.00

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2591.12	0.	0.0	0.078	0.	0.0
		100.	3.16	0.078	1075.	5.66
		2455.	8.08	0.056	36165.	14.73
		657.	2.89	0.099	2759.	4.20
		0.	0.0	0.099	0.	0.0

HV = 3.08 SF = 0.018998 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2593.95	6420.	11.11	0.073	14042.	2.19
		5009.	22.09	0.056	24124.	4.82
		1585.	6.11	0.099	1834.	1.16

HV = 0.24 SF = 0.000532 TOTAL DIS = 40000.

DELTA HV = 2.83 HF = 0.0 HT = 2.83

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2593.95	6420.	11.11	0.073	14042.	2.19
		5009.	22.09	0.056	24124.	4.82
		1585.	6.11	0.099	1834.	1.16

HV = 0.24 SF = 0.000532 TOTAL DIS = 40000.

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2594.11	2966.	5.73	0.077	6198.	2.09
		4419.	20.56	0.056	29772.	6.74
		2237.	6.68	0.099	4030.	1.80

HV = 0.54 SF = 0.001145 TOTAL DIS = 40000.

DELTA HV = -0.30 HF = 0.31 HT = 0.16

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2594.11	2964.	5.69	0.092	5610.	1.89
		2695.	8.86	0.021	30012.	11.13
		2237.	6.68	0.099	4378.	1.96

HV = 1.46 SF = 0.001351 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2594.73	3285.	6.32	0.092	2620.	0.80
		4534.	21.10	0.021	35394.	7.81
		2444.	7.26	0.099	1986.	0.81

HV = 0.84 SF = 0.000209 TOTAL DIS = 40000.

DELTA HV = 0.62 HF = 0.0 HT = 0.62

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2594.73	3285.	6.32	0.092	2620.	0.80
		4534.	21.10	0.021	35394.	7.81
		2444.	7.26	0.099	1986.	0.81

HV = 0.84 SF = 0.000209 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2594.89	4318.	9.14	0.060	8428.	1.95
		3580.	24.97	0.028	29259.	8.17
		2921.	6.68	0.120	2313.	0.79

HV = 0.77 SF = 0.000325 TOTAL DIS = 40000.

DELTA HV = 0.07 HF = 0.10 HT = 0.17

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2594.89	3269.	7.62	0.119	11755.	3.60
		326.	5.93	0.118	900.	3.04
		2384.	4.02	0.034	19420.	8.14
		211.	4.57	0.120	530.	2.52
		2419.	6.02	0.120	7306.	3.02

HV = 0.59 SF = 0.005437 TOTAL DIS = 40000.

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2594.89	4318.	9.14	0.118	5585.	1.29
		3580.	24.97	0.034	31401.	8.77
		2921.	6.68	0.120	3014.	1.03

HV = 0.94 SF = 0.000552 TOTAL DIS = 40000.
 DELTA HV = -0.35 HF = 0.0 HT = -0.18

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2594.89	4318.	9.14	0.118	5585.	1.29
		3580.	24.97	0.034	31401.	8.77
		2921.	6.68	0.120	3014.	1.03

HV = 0.94 SF = 0.000552 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2595.91	5045.	9.02	0.087	9478.	1.88
		3236.	22.77	0.037	26503.	8.19
		1944.	10.96	0.090	4020.	2.07

HV = 0.71 SF = 0.000645 TOTAL DIS = 40000.
 DELTA HV = 0.23 HF = 0.79 HT = 1.02

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2595.91	5045.	9.02	0.090	10893.	2.16
		3236.	22.77	0.047	24806.	7.67
		1944.	10.96	0.100	4302.	2.21

HV = 0.59 SF = 0.000911 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2596.78	673.	4.41	0.090	917.	1.36
		3408.	7.25	0.090	6465.	1.90
		759.	9.91	0.090	1775.	2.34
		3285.	22.61	0.047	25473.	7.75
		2598.	9.66	0.100	5371.	2.07

HV = 0.62 SF = 0.000941 TOTAL DIS = 40000.
 DELTA HV = -0.02 HF = 0.88 HT = 0.87

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2596.78	673.	4.41	0.052	1132.	1.68
		3408.	7.25	0.052	7981.	2.34
		759.	9.91	0.080	1424.	1.88
		3285.	22.61	0.037	23079.	7.03
		2598.	9.66	0.060	6385.	2.46

HV = 0.48 SF = 0.000479 TOTAL DIS = 40000.

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2596.78	4029.	6.72	0.065	8501.	2.11
		1168.	13.44	0.100	2543.	2.18
		3077.	23.23	0.037	26078.	8.48
		1470.	7.44	0.075	2878.	1.96

HV = 0.75 SF = 0.000672 TOTAL DIS = 40000.

DELTA HV = -0.27 HF = 0.06 HT = -0.08

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2596.78	3535.	5.56	0.067	17036.	4.82
		358.	5.37	0.100	1129.	3.15
		2262.	10.19	0.053	20631.	9.12
		83.	2.74	0.075	223.	2.69
		405.	2.34	0.075	981.	2.42

HV = 0.33 SF = 0.004787 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2597.17	4260.	7.10	0.067	10321.	2.42
		1201.	13.81	0.100	3038.	2.53
		3139.	23.73	0.053	21498.	6.85
		1949.	9.55	0.075	5143.	2.64

HV = 0.44 SF = 0.000875 TOTAL DIS = 40000.

DELTA HV = 0.39 HF = 0.0 HT = 0.39

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2597.17	4260.	7.10	0.067	10321.	2.42
		1201.	13.81	0.100	3038.	2.53
		3139.	23.73	0.053	21498.	6.85
		1949.	9.55	0.075	5143.	2.64

HV = 0.44 SF = 0.000875 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2598.03	3908.	11.05	0.116	9416.	2.41
		3429.	21.84	0.053	28467.	8.30
		781.	6.86	0.075	2118.	2.71

HV = 0.79 SF = 0.001436 TOTAL DIS = 40000.

DELTA HV = -0.35 HF = 1.04 HT = 0.86

RIGBY RIVER 500 YR FLOOD 8/26/74 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2598.03	3908.	11.05	0.087	10731.	2.75
		3429.	21.94	0.046	28035.	8.18
		781.	6.86	0.110	1234.	1.58

HV = 0.76 SF = 0.001049 TOTAL DIS = 40000.

CRITICAL DEPTH = 2592.25

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2599.45	265.	8.03	0.080	1098.	4.14
		2060.	21.52	0.046	28618.	13.89
		710.	18.32	0.046	9020.	12.71
		459.	7.02	0.110	1264.	2.75

HV = 2.72 SF = 0.003089 TOTAL DIS = 40000.

DELTA HV = -1.96 HF = 2.40 HT = 1.42

BRIDGE

CRITICAL DEPTH = 2590.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2599.45	22.	0.95	0.115	14.	0.62
		2809.	7.43	0.022	35861.	12.77
		323.	7.42	0.022	4125.	12.76
		0.	0.0	0.115	0.	0.0

HV = 2.53 SF = 0.002467 TOTAL DIS = 40000.

CRITICAL DEPTH = 2592.37

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2599.45	265.	8.03	0.115	379.	1.43
		2060.	21.52	0.022	29670.	14.40
		710.	18.82	0.022	9352.	13.17
		459.	7.02	0.115	600.	1.31

HV = 3.02 SF = 0.000760 TOTAL DIS = 40000.

DELTA HV = -0.49 HF = 0.0 HT = -0.24

CRITICAL DEPTH = 2592.45

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2599.45	265.	8.03	0.115	379.	1.43
		2060.	21.52	0.022	29670.	14.40
		710.	18.82	0.022	9352.	13.17
		459.	7.02	0.115	600.	1.31

HV = 3.02 SF = 0.000760 TOTAL DIS = 40000.

PIGEON RIVER 500 YR FLOOD 8/26/74 CDS

CRITICAL DEPTH = 2596.19

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2600.79	250.	1.88	0.077	253.	1.01
		2627.	16.60	0.023	38157.	14.53
		342.	10.86	0.102	844.	2.47
		492.	5.22	0.102	746.	1.52

HV = 3.13 SF = 0.001194 TOTAL DIS = 40000.

DELTA HV = -0.11 HF = 1.39 HT = 1.34

BRIDGE

CRITICAL DEPTH = 2602.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2600.79	250.	1.95	0.077	617.	2.46
		2030.	6.56	0.023	38949.	19.19
		192.	2.11	0.095	435.	2.18

HV = 5.57 SF = 0.007193 TOTAL DIS = 40000.

CRITICAL DEPTH = 2596.26

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2604.46	844.	4.42	0.077	1056.	1.25
		3178.	20.09	0.023	36540.	11.50
		452.	14.36	0.110	869.	1.92
		863.	7.93	0.080	1534.	1.78

HV = 1.88 SF = 0.000580 TOTAL DIS = 40000.

DELTA HV = 3.69 HF = 0.0 HT = 3.69

CRITICAL DEPTH = 2596.26

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2604.46	844.	4.42	0.077	1056.	1.25
		3178.	20.09	0.023	36540.	11.50
		452.	14.36	0.110	869.	1.92
		863.	7.93	0.080	1534.	1.78

HV = 1.88 SF = 0.000580 TOTAL DIS = 40000.

CRITICAL DEPTH = 2602.85

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
65.000	2604.65	1128.	5.04	0.067	2860.	2.54
		1093.	11.28	0.067	4739.	4.34
		1751.	19.03	0.023	31361.	17.91
		373.	6.62	0.073	1040.	2.79

HV = 3.95 SF = 0.001512 TOTAL DIS = 40000.

DELTA HV = -2.07 HF = 1.22 HT = 0.18

Floodway

PIGEON R FLOODWAY CANTON N.C. FIA 100YR FLOW 8-5-75 CDS

MILE	ELEVATION	DISCHARGE	
62.70	2579.82	29057.	-0.9
62.92	2581.54	28000.	+0.59
62.92	2581.54	28000.	
62.92	2582.22	28000.	+0.87
62.92	2582.22	28000.	
63.15	2583.25	28000.	+0.80
63.15	2583.25	28000.	
63.15	2585.94	28000.	+0.73
63.15	2585.94	28000.	
63.53	2587.02	28000.	+0.42
63.53	2587.02	28000.	
63.53	2587.72	28000.	-0.04
63.53	2587.72	28000.	
63.60	2588.46	28000.	+0.31
63.60	2588.46	28000.	
63.60	2589.94	28000.	+0.34
63.60	2589.94	28000.	
63.67	2590.00	28000.	+0.32
63.67	2590.00	28000.	
63.67	2590.85	28000.	+0.73
63.67	2590.85	28000.	
63.92	2592.05	28000.	+0.66
63.92	2592.05	28000.	
64.10	2593.15	28000.	+0.33
64.10	2593.15	28000.	
64.12	2593.20	28000.	+0.60
64.12	2593.20	28000.	
64.12	2593.93	28000.	+0.57
64.12	2593.93	28000.	
64.29	2594.98	28000.	+0.50
64.29	2594.98	28000.	
64.51	2596.61	28000.	+0.57
64.51	2596.61	28000.	
64.51	2596.61	28000.	+0.59

PIGEON R FLOODWAY CANTON N.C. FIA 100YR FLOW 8-5-75 CDS

CRITICAL DEPTH = 2573.02

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2579.82	344.	4.22	0.061	598.	1.74
		2344.	16.27	0.022	28279.	11.86
		195.	2.18	0.074	180.	0.92

HV = 2.13 SF = 0.000748 TOTAL DIS = 29057.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2581.54	1335.	6.45	0.061	2254.	1.73
		2965.	15.73	0.022	25746.	8.68
		0.	0.0	0.072	0.	0.0

HV = 1.08 SF = 0.000419 TOTAL DIS = 28000.

DELTA HV = 1.05 HF = 0.58 HT = 1.73

BRIDGE

CRITICAL DEPTH = 2575.20

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2581.54	1138.	6.34	0.057	6054.	5.32
		1892.	8.72	0.034	20881.	11.03
		275.	4.64	0.052	1065.	4.73
		0.	0.0	0.052	0.	0.0

HV = 1.52 SF = 0.003550 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2582.22	1438.	7.08	0.057	3844.	2.67
		3087.	16.32	0.034	24156.	7.82
		0.	0.11	0.052	0.	0.18

HV = 0.84 SF = 0.000774 TOTAL DIS = 28000.

DELTA HV = 0.68 HF = 0.0 HT = 0.68

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2582.22	1438.	7.08	0.057	3844.	2.67
		3087.	16.32	0.034	24156.	7.82
		0.	0.11	0.052	0.	0.18

HV = 0.84 SF = 0.000774 TOTAL DIS = 28000.

PIGSON R FLOODWAY CANTON N.C. FIA 100YR FLOW 8-5-75 CDS

CRITICAL DEPTH = 2576.25

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2583.25	0.	0.01	0.050	0.	0.04
		2775.	14.26	0.034	27735.	9.99
		181.	1.56	0.053	265.	1.46

HV = 1.54 SF = 0.001512 TOTAL DIS = 28000.

DELTA HV = -0.70 HF = 1.39 HT = 1.04

BRIDGE

CRITICAL DEPTH = 2576.90

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2583.25	15.	0.78	0.055	23.	1.58
		28.	1.07	0.055	54.	1.96
		1748.	7.91	0.026	27426.	15.69
		112.	3.08	0.068	357.	3.20
		103.	0.85	0.068	140.	1.35

HV = 3.75 SF = 0.004785 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2585.74	0.	0.05	0.055	0.	0.08
		3280.	16.85	0.026	27394.	8.35
		487.	4.10	0.068	606.	1.24

HV = 1.06 SF = 0.000494 TOTAL DIS = 28000. *V=7.4*

DELTA HV = 2.69 HF = 0.0 HT = 2.69

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2585.94	0.	0.05	0.055	0.	0.08
		3280.	16.85	0.026	27394.	8.35
		487.	4.10	0.068	606.	1.24

HV = 1.06 SF = 0.000494 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2587.02	4.	0.20	0.057	1.	0.20
		3504.	15.50	0.026	27875.	7.95
		170.	1.71	0.065	125.	0.73

HV = 0.98 SF = 0.000501 TOTAL DIS = 28000. *V=7.6*

DELTA HV = 0.08 HF = 1.00 HT = 1.05

BRIDGE

PIGEON R FLOODWAY CANTON N.C. FIA 10CYR FLOW 8-5-75 CDS

CRITICAL DEPTH = 2578.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2587.02	0.	0.0	0.078	0.	0.0
		139.	2.66	0.078	499.	3.59
		2455.	8.08	0.056	25765.	10.49
		567.	2.99	0.099	1736.	3.06
		0.	0.0	0.099	0.	0.0

HV = 1.59 SF = 0.009642 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2587.72	30.	0.44	0.078	15.	0.49
		3656.	16.12	0.056	27700.	7.58
		243.	2.30	0.099	285.	1.17

HV = 0.88 SF = 0.002002 TOTAL DIS = 28000.

DELTA HV = 0.70 HF = 0.0 HT = 0.70

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2587.72	30.	0.44	0.078	15.	0.49
		3656.	16.12	0.056	27700.	7.58
		243.	2.30	0.099	285.	1.17

HV = 0.88 SF = 0.002002 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2588.46	42.	0.45	0.077	24.	0.57
		3355.	15.61	0.056	27936.	8.33
		74.	0.60	0.099	40.	0.54

HV = 1.07 SF = 0.002524 TOTAL DIS = 28000.

DELTA HV = -0.19 HF = 0.84 HT = 0.74

BRIDGE

CRITICAL DEPTH = 2579.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2588.46	42.	0.45	0.092	18.	0.43
		2247.	7.65	0.021	27918.	12.43
		105.	0.85	0.099	64.	0.61

HV = 2.39 SF = 0.002047 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2589.94	178.	1.90	0.092	73.	0.41
		3633.	16.91	0.021	27826.	7.66
		255.	2.05	0.099	101.	0.40

HV = 0.91 SF = 0.000270 TOTAL DIS = 28000.

DELTA HV = 1.49 HF = 0.0 HT = 1.49

PIGEBON R FLOODWAY CANTON N.C. FIA 100YR FLOW 8-5-75 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2589.94	178.	1.90	0.092	73.	0.41
		3633.	16.91	0.021	27826.	7.66
		255.	2.05	0.099	101.	0.40

HV = 0.91 SF = 0.000270 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2590.00	1352.	6.37	0.060	2534.	1.87
		2905.	20.26	0.028	25244.	8.69
		377.	3.16	0.120	222.	0.59

HV = 1.06 SF = 0.000485 TOTAL DIS = 28000.

DELTA HV = -0.16 HF = 0.14 HT = 0.06

BRIDGE

CRITICAL DEPTH = 2580.50

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2590.00	576.	3.46	0.118	1908.	3.31
		290.	3.77	0.118	791.	3.51
		2115.	3.56	0.034	24777.	11.71
		161.	3.89	0.120	567.	3.52
		47.	0.59	0.120	47.	1.00

HV = 1.91 SF = 0.013198 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2590.85	1530.	7.18	0.118	1833.	1.20
		3023.	21.08	0.034	25790.	8.53
		476.	3.96	0.120	377.	0.79

HV = 1.04 SF = 0.000654 TOTAL DIS = 28000.

DELTA HV = 0.86 HF = 0.0 HT = 0.86

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2590.85	1530.	7.18	0.118	1833.	1.20
		3023.	21.08	0.034	25790.	8.53
		476.	3.96	0.120	377.	0.79

HV = 1.04 SF = 0.000654 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2592.05	2690.	7.23	0.087	4827.	1.79
		2717.	19.12	0.037	21938.	8.07
		675.	7.83	0.090	1235.	1.83

HV = 0.80 SF = 0.000790 TOTAL DIS = 28000.

DELTA HV = 0.24 HF = 0.95 HT = 1.19

PIGEON R FLOODWAY CANTON N.C. FIA 100YR FLOW 8-5-75 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2592.05	2690.	7.23	0.090	5669.	2.11
		2717.	19.12	0.047	20980.	7.72
		675.	7.83	0.100	1351.	2.00

HV = 0.71 SF = 0.001166 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
54.100	2593.15	571.	2.89	0.090	719.	1.26
		487.	6.36	0.090	1036.	2.13
		2782.	19.16	0.047	23643.	8.50
		1265.	7.08	0.100	2603.	2.06

HV = 0.96 SF = 0.001410 TOTAL DIS = 28000.

DELTA HV = -0.25 HF = 1.22 HT = 1.10

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2593.15	571.	2.89	0.052	947.	1.66
		497.	6.36	0.080	887.	1.82
		2782.	19.16	0.037	22863.	8.22
		1265.	7.08	0.060	3303.	2.61

HV = 0.87 SF = 0.000917 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2593.20	1348.	4.10	0.065	2314.	1.72
		867.	9.97	0.100	1751.	2.02
		2625.	19.82	0.037	22645.	8.63
		593.	7.25	0.075	1290.	2.18

HV = 0.95 SF = 0.000860 TOTAL DIS = 28000.

DELTA HV = -0.07 HF = 0.09 HT = 0.05

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2593.20	948.	3.60	0.067	3725.	3.93
		372.	6.04	0.100	1381.	3.72
		2262.	10.19	0.053	22493.	9.94
		102.	4.28	0.075	402.	3.94
		0.	0.0	0.075	0.	0.0

HV = 1.28 SF = 0.005690 TOTAL DIS = 28000.

PIGEBN R FLOODWAY CANTON N.C. FIA 100YR FLOW 8-5-75 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2593.93	1586.	4.81	0.067	3297.	2.08
		928.	10.68	0.100	2202.	2.37
		2730.	20.65	0.053	18961.	6.94
		1033.	12.04	0.075	3540.	3.43

HV = 0.54 SF = 0.001083 TOTAL DIS = 28000. *V = 4.5*

DELTA HV = 0.73 HF = 0.0 HT = 0.73

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2593.93	1586.	4.81	0.067	3297.	2.08
		928.	10.68	0.100	2202.	2.37
		2730.	20.65	0.053	18961.	6.94
		1033.	12.04	0.075	3540.	3.43

HV = 0.54 SF = 0.001083 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2594.98	1253.	11.25	0.116	3213.	2.56
		2971.	18.93	0.053	23578.	7.94
		412.	7.15	0.075	1209.	2.93

HV = 0.84 SF = 0.001589 TOTAL DIS = 28000. *V = 6.0*

DELTA HV = -0.30 HF = 1.20 HT = 1.05

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2594.98	1253.	11.25	0.087	3716.	2.97
		2971.	18.93	0.046	23569.	7.93
		412.	7.15	0.110	715.	1.73

HV = 0.84 SF = 0.001196 TOTAL DIS = 28000.

CRITICAL DEPTH = 2589.41

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2596.61	196.	6.90	0.080	653.	3.34
		1796.	18.77	0.046	20341.	11.32
		605.	16.04	0.046	6171.	10.20
		330.	7.31	0.110	835.	2.53

HV = 1.81 SF = 0.002463 TOTAL DIS = 28000. *V = 0.0*

DELTA HV = -0.97 HF = 2.13 HT = 1.64

BRIDGE

PIGEON R FLOODWAY CANTON N.C. FIA 100YR FLOW 8-5-75 CDS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2596.61	0.	0.0	0.115	0.	0.0
		2828.	7.56	0.022	26004.	9.19
		248.	6.20	0.022	1996.	8.06
		0.	0.0	0.115	0.	0.0

HV = 1.29 SF = 0.001249 TOTAL DIS = 28000.

CRITICAL DEPTH = 2589.43

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2596.61	196.	6.90	0.115	225.	1.15
		1796.	18.77	0.022	21008.	11.69
		605.	16.04	0.022	6373.	10.53
		330.	7.31	0.115	394.	1.19

HV = 1.99 SF = 0.000601 TOTAL DIS = 28000.

V = 9.6

DELTA HV = -0.9 HF = 0.0 HT = -0.35

MILE ELEVATION DISCHARGE

MILE	ELEVATION	DISCHARGE
56.70	2519.07	14100.
57.00	2519.93	14067.
57.00	2519.93	14067.
57.10	2520.18	14056.
57.10	2520.18	14056.
57.10	2520.28	14056.
57.10	2520.28	14056.
57.60	2522.37	14000.
57.60	2522.37	14000.
57.60	2522.43	14000.
57.60	2522.43	14000.
57.65	2522.77	13994.
57.65	2522.77	13994.
57.65	2523.09	13994.
57.65	2523.09	13994.
58.15	2525.86	13939.
58.15	2525.86	13939.
58.50	2527.64	13900.
58.50	2527.64	13900.
59.33	2535.65	13808.
59.33	2535.65	13808.
60.55	2545.06	13734.
60.55	2545.06	13734.
62.03	2565.33	13650.
62.03	2565.33	13650.
62.70	2571.91	13611.
62.70	2571.91	13611.
62.92	2573.47	13000.
62.92	2573.47	13000.
62.92	2573.84	13000.
62.92	2573.84	13000.
63.15	2575.95	13000.
63.15	2575.95	13000.
63.15	2576.26	13000.
63.15	2576.26	13000.
63.53	2578.48	13000.
63.53	2578.48	13000.
63.53	2578.55	13000.
63.53	2578.55	13000.
63.60	2580.20	13000.
63.60	2580.20	13000.
63.60	2580.27	13000.
63.60	2580.27	13000.
63.67	2580.43	13000.
63.67	2580.43	13000.
63.67	2580.50	13000.
63.67	2580.50	13000.
63.92	2582.73	13000.
63.92	2582.73	13000.
64.10	2585.71	13000.
64.10	2585.71	13000.
64.12	2585.83	13000.
64.12	2585.83	13000.
64.12	2586.42	13000.
64.12	2586.42	13000.

MILE ELEVATION DISCHARGE

64.29	2587.88	13000.
64.29	2587.88	13000.
64.51	2589.77	13000.
64.51	2589.77	13000.
64.51	2589.77	13000.
64.51	2589.77	13000.
64.78	2590.96	13000.
64.78	2590.96	13000.
64.78	2591.29	13000.
64.78	2591.29	13000.
65.00	2593.72	13000.

PIGECN RIVER 25-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	DISCHARGE
56.70	2521.83	20220.
57.00	2522.82	20173.
57.00	2522.82	20173.
57.10	2523.06	20158.
57.10	2523.06	20158.
57.10	2523.19	20158.
57.10	2523.19	20158.
57.60	2525.42	20080.
57.60	2525.42	20080.
57.60	2525.52	20080.
57.60	2525.52	20080.
57.65	2525.81	20072.
57.65	2525.81	20072.
57.65	2526.33	20072.
57.65	2526.33	20072.
58.15	2529.15	19994.
58.15	2529.15	19994.
58.50	2530.77	19940.
58.50	2530.77	19940.
59.33	2538.59	19811.
59.33	2538.59	19811.
60.55	2548.42	19590.
60.55	2548.42	19590.
62.03	2568.67	19319.
62.03	2568.67	19319.
62.70	2574.90	19197.
62.70	2574.90	19197.
62.92	2576.61	18500.
62.92	2576.61	18500.
62.92	2576.90	18500.
62.92	2576.90	18500.
63.15	2578.65	18500.
63.15	2578.65	18500.
63.15	2579.15	18500.
63.15	2579.15	18500.
63.53	2581.27	18500.
63.53	2581.27	18500.
63.53	2581.36	18500.
63.53	2581.36	18500.
63.60	2582.75	18500.
63.60	2582.75	18500.
63.60	2582.85	18500.
63.60	2582.85	18500.
63.67	2582.95	18500.
63.67	2582.95	18500.
63.67	2582.97	18500.
63.67	2582.97	18500.
63.92	2585.22	18500.
63.92	2585.22	18500.
64.10	2588.25	18500.
64.10	2588.25	18500.
64.12	2588.35	18500.
64.12	2588.35	18500.
64.12	2589.22	18500.
64.12	2589.22	18500.

MILE	ELEVATION	DISCHARGE
64.29	2590.65	18500.
64.29	2590.65	18500.
64.51	2592.40	18500.
64.51	2592.40	18500.
64.51	2592.40	18500.
64.51	2592.40	18500.
64.78	2593.50	18500.
64.78	2593.50	18500.
64.78	2593.64	18500.
64.78	2593.64	18500.
65.00	2595.86	18500.

MILE	ELEVATION	DISCHARGE
56.70	2523.24	24160.
57.00	2524.32	24120.
57.00	2524.32	24120.
57.10	2524.56	24107.
57.10	2524.56	24107.
57.10	2524.72	24107.
57.10	2524.72	24107.
57.60	2527.01	24040.
57.60	2527.01	24040.
57.60	2527.32	24040.
57.60	2527.32	24040.
57.65	2527.55	24033.
57.65	2527.55	24033.
57.65	2528.23	24033.
57.65	2528.23	24033.
58.15	2530.89	23967.
58.15	2530.89	23967.
58.50	2532.47	23920.
58.50	2532.47	23920.
59.33	2540.27	23809.
59.33	2540.27	23809.
60.55	2550.19	23537.
60.55	2550.19	23537.
62.03	2570.47	23199.
62.03	2570.47	23199.
62.70	2576.64	23046.
62.70	2576.64	23046.
62.92	2578.50	22500.
62.92	2578.50	22500.
62.92	2578.83	22500.
62.92	2578.83	22500.
63.15	2580.28	22500.
63.15	2580.28	22500.
63.15	2581.43	22500.
63.15	2581.43	22500.
63.53	2583.38	22500.
63.53	2583.38	22500.
63.53	2583.76	22500.
63.53	2583.76	22500.
63.60	2584.69	22500.
63.60	2584.69	22500.
63.60	2585.17	22500.
63.60	2585.17	22500.
63.67	2585.22	22500.
63.67	2585.22	22500.
63.67	2585.29	22500.
63.67	2585.29	22500.
63.92	2587.29	22500.
63.92	2587.29	22500.
64.10	2589.69	22500.
64.10	2589.69	22500.
64.12	2589.76	22500.
64.12	2589.76	22500.
64.12	2590.81	22500.
64.12	2590.81	22500.

MILE	ELEVATION	DISCHARGE
64.29	2592.18	22500.
64.29	2592.18	22500.
64.51	2593.92	22500.
64.51	2593.92	22500.
64.51	2593.92	22500.
64.51	2593.92	22500.
64.78	2595.05	22500.
64.78	2595.05	22500.
64.78	2595.09	22500.
64.78	2595.09	22500.
65.00	2597.50	22500.

PIGEON RIVER 100-YR FLOOD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	DISCHARGE
56.70	2525.56	30600.
57.00	2526.74	30533.
57.00	2526.74	30533.
57.10	2526.97	30511.
57.10	2526.97	30511.
57.10	2527.20	30511.
57.10	2527.20	30511.
57.60	2529.40	30400.
57.60	2529.40	30400.
57.60	2530.03	30400.
57.60	2530.03	30400.
57.65	2530.21	30389.
57.65	2530.21	30389.
57.65	2531.01	30389.
57.65	2531.01	30389.
58.15	2533.15	30278.
58.15	2533.15	30278.
58.50	2534.64	30200.
58.50	2534.64	30200.
59.33	2542.45	30016.
59.33	2542.45	30016.
60.55	2552.63	29671.
60.55	2552.63	29671.
62.03	2572.90	29249.
62.03	2572.90	29249.
62.70	2578.92	29057.
62.70	2578.92	29057.
62.92	2580.95	28000.
62.92	2580.95	28000.
62.92	2581.34	28000.
62.92	2581.34	28000.
63.15	2582.46	28000.
63.15	2582.46	28000.
63.15	2585.21	28000.
63.15	2585.21	28000.
63.53	2586.60	28000.
63.53	2586.60	28000.
63.53	2587.76	28000.
63.53	2587.76	28000.
63.60	2588.15	28000.
63.60	2588.15	28000.
63.60	2589.60	28000.
63.60	2589.60	28000.
63.67	2589.68	28000.
63.67	2589.68	28000.
63.67	2590.12	28000.
63.67	2590.12	28000.
63.92	2591.39	28000.
63.92	2591.39	28000.
64.10	2592.60	28000.
64.10	2592.60	28000.
64.12	2592.60	28000.
64.12	2592.60	28000.
64.12	2593.36	28000.
64.12	2593.36	28000.

PIGEON RIVER 100-YR FLOOD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	DISCHARGE
64.29	2594.46	28000.
64.29	2594.46	28000.
64.51	2596.02	28000.
64.51	2596.02	28000.
64.51	2596.02	28000.
64.51	2596.02	28000.
64.78	2597.17	28000.
64.78	2597.17	28000.
64.78	2597.61	28000.
64.78	2597.61	28000.
65.00	2599.54	28000.

MILE ELEVATION DISCHARGE

56.70	2529.23	42900.
57.00	2530.63	42800.
57.00	2530.63	42800.
57.10	2530.83	42767.
57.10	2530.83	42767.
57.10	2531.24	42767.
57.10	2531.24	42767.
57.60	2533.33	42600.
57.60	2533.33	42600.
57.60	2533.55	42600.
57.60	2533.55	42600.
57.65	2533.74	42583.
57.65	2533.74	42583.
57.65	2534.22	42583.
57.65	2534.22	42583.
58.15	2536.18	42417.
58.15	2536.18	42417.
58.50	2537.59	42300.
58.50	2537.59	42300.
59.33	2545.47	42023.
59.33	2545.47	42023.
60.55	2556.43	41540.
60.55	2556.43	41540.
62.03	2576.84	40948.
62.03	2576.84	40948.
62.70	2582.64	40680.
62.70	2582.64	40680.
62.92	2584.61	40000.
62.92	2584.61	40000.
62.92	2585.02	40000.
62.92	2585.02	40000.
63.15	2585.91	40000.
63.15	2586.80	40000.
63.15	2589.84	40000.
63.15	2589.84	40000.
63.53	2591.12	40000.
63.53	2591.12	40000.
63.53	2593.95	40000.
63.53	2593.95	40000.
63.60	2594.11	40000.
63.60	2594.11	40000.
63.60	2594.73	40000.
63.60	2594.73	40000.
63.67	2594.89	40000.
63.67	2594.89	40000.
63.67	2594.89	40000.
63.67	2594.89	40000.
63.92	2595.91	40000.
63.92	2595.91	40000.
64.10	2596.78	40000.
64.10	2596.78	40000.
64.12	2596.78	40000.
64.12	2596.78	40000.
64.12	2597.17	40000.
64.12	2597.17	40000.

MILE	ELEVATION	DISCHARGE
64.29	2598.03	40000.
64.29	2598.03	40000.
64.51	2599.45	40000.
64.51	2599.45	40000.
64.51	2599.45	40000.
64.51	2599.45	40000.
64.78	2600.79	40000.
64.78	2600.79	40000.
64.78	2604.46	40000.
64.78	2604.46	40000.
65.00	2604.65	40000.

1	5	66	0	.05					
2	PIGEON RIVER				10-YR FLD	150'	IMP CHAN	10-1-76	SAS
3	02519.07								
4	16500	275616	16300	283008	16300	283008	16300	289872	
5	14300	289872	13800	313632	13800	313632	13600	332112	
6	13000	332112	13000	3432003					
7	PIGEON RIVER				25-YR FLD	150'	IMP CHAN	10-1-76	SAS
8	02521.83								
9	23500	275616	23300	283008	23300	283008	23300	289872	
10	20500	289872	19800	313632	19600	313632	19160	332112	
11	18500	332112	18500	3432003					
12	PIGEON RIVER				50-YR FLD	150'	IMP CHAN	10-1-76	SAS
13	02523.24								
14	27800	275616	27500	283008	27500	283008	27500	289872	
15	24400	289872	23800	313632	23800	313632	23000	332112	
16	22500	332112	22500	3432003					
17	PIGEON RIVER				500-YR FLD	150'	IMP CHAN	10-1-76	SAS
18	02529.23								
19	50000	275616	49000	283008	49000	283008	49000	289872	
20	43500	289872	42000	313632	42000	313632	40600	332112	
21	40000	332112	40000	3432003					
22	PIGEON RIVER				100-YR FLOOD	150'	IMP CHAN	10-1-76	SAS
23	02525.56								
24	35000	275616	34000	283008	34000	283008	34000	289872	
25	31000	289872	30000	313632	30000	313632	29000	332112	
26	28000	332112	28000	338448	28000	338448	28000	3432003	

	281	0	2503.6	1	0	0				
	282	-170	2540.0	8	2520.0	25	2510.5	44	2506.0	
	283	57	2505.0	100	2504.2	120	2504.4	150	2503.6	
	284	160	2506.0	170	2511.5	187	2513.5	200	2519.0	
299376	285	220	2519.0	230	2517.7	273	2520.0	430	2540.09	
	286	8	170							
	287	.120	.025	.110						
	299	0	2504.8	1	0	0				
	300	-250	2550.0	-238	2526.5	-149	2525.4	-137	2515.7	
	301	-130	2515.4	-108	2504.8	42	2504.8	62	2515.2	
	303	83	2516.4	97	2520.7	120	2521.2	163	2525.3	
300960	304	371	2539.7	404	2550.09					
	350	-149	-108	57						
	360	.067	.067	.025	.065					
	370	0	2504.8	0	0	0				
	380	.067	.067	.035	.065					
	381.0	0	2505.5	1	1	0				
	381.1	-800	2540.0	-512	2529.3	-436	2524.1	-300	2523.3	
	381.2	-290	2522.8	-255	2505.5	-135	2505.5	-100	2522.2	
301488	381.3	-80	2522.2	-70	2521.0	0	2524.3	35	2540.09	
	381.6	-290	-100							
	381.7	.120	.035	.110						
	1	2530.0	2505.5	1	0	0				
	2	0	0							
	10	-359	2540.0	-342	2527.9	-341	2540.0	-340	2540.0	
	11	-339	2527.2	-332	2524.6	-322	2523.5	-300	2523.5	
	12	-290	2522.8	-270	2513.8	-269	2540.0	-267	2540.0	
	13	-266	2513.5	-253	2505.5	-200	2505.5	-199	2540.0	
	14	-197	2540.0	-196	2505.5	-132	2505.5	-130	2508.0	
	15	-129	2540.0	-127	2540.0	-126	2509.0	-100	2522.1	
301488	16	-80	2522.1	-60	2524.8	-59	2524.8	-57	2540.0	
	17	-50	2525.0	-40	2540.09					
	50	-290	-100							
	60	.100	.035	.100						
	382.9	0	2505.5	1	0	0				
	383.0	-290	-100							
	383.1	.100	.035	.100						
	383.2	0	2505.5	0	0	0				
	383.3	.100	.035	.100						
	384.0	0	2508.5	1	0	0				
	384.1	-371	2550.0	-350	2528.5	-300	2528.3	-200	2528.8	
	384.2	-184	2528.8	-183	2525.7	-168	2524.9	-158	2520.0	
	384.3	-149	2511.7	-140	2508.5	10	2508.5	48	2527.8	
	384.4	54	2523.3	100	2523.4	300	2527.3	481	2533.5	
304128	384.5	492	2550.09							
	384.9	-108	48							
	385.0	.120	.035	.120						
	1	2528.0	2508.5	1	0	0				
	385.2	1	0							
	385.3	2	2520.2	2525.7	2532.5	2532.5				
	10	-371	2550.0	-350	2528.5	-300	2528.3	-200	2528.8	
	11	-184	2528.8	-183	2532.5	-182	2526.2	-181	2525.8	
	12	-108	2524.9	-157	2520.0	-149	2511.8	-140	2508.5	
	13	-122	2508.5	-121	2526.0	-120	2526.0	-119	2508.5	
	14	-62	2508.5	-61	2525.9	-60	2525.9	-59	2508.5	
	15	-33	2508.5	-8	2524.2	-2	2524.5	-1	2532.5	
	16	0	2528.6	42	2528.5	47	2527.8	55	2523.4	
304128	17	100	2523.5	300	2527.3	481	2533.5	492	2550.09	
	50	-183	-1							
	60	.120	.035	.053						

	386.6	0	2508.5	1	0	0					
	384.1	-371	2550.0	-350	2528.5	-300	2528.3	-200	2528.8		
	384.2	-184	2528.8	-183	2525.7	-168	2524.9	-158	2520.0		
	384.3	-149	2511.7	-140	2508.5	-35	2508.5	-10	2523.0		
	384.4	54	2523.3	100	2523.4	300	2527.3	481	2533.5		
304128	384.5	492	2550.09								
	384.9	-168	-10								
	386.8	.120	.035 .053								
	386.9	0	2508.5	0	0						
	387.0	.120	.035 .053								
	399	0	2508.6	1	1	1					
	400	-779	2560.0	-684	2537.0	-597	2534.2	-530	2535.2		
	401	-500	2534.8	-300	2531.6	-245	2530.8	-185	2528.2		
	402	-155	2528.2	-113	2508.6	-14	2508.6	0	2515.0		
	403	10	2526.0	39	2528.2	80	2523.6	138	2526.0		
	404	300	2527.3	400	2529.5	600	2535.2	770	2542.2		
304392	405	844	2544.3	922	2560.09						
	450	-500	-300	-155	10						
	455 2										
	460	.068	.000 .068	.035	.045						
	1	2534.0	2508.6	1	0	1					
	2	3	1								
	3	4	2529.4	2529.4	2531.0	2531.0	5	2529.4	2529.4	2531.0	2531.0
	4	6	2529.4	2529.4	2531.0	2531.0					
	5	5	2510.0	2529.4		2					
	10	-779	2560.0	-684	2537.0	-597	2534.2	-530	2535.2		
	11	-500	2534.8	-300	2531.6	-245	2530.8	-185	2528.2		
	12	-170	2528.5	-141	2531.0	-139	2520.0	-128	2517.8		
	13	-114	2511.6	-110	2508.6	-14	2508.6	-8	2511.2		
	14	-3	2517.6	-1	2531.0	38	2528.3	50	2527.2		
	15	100	2526.3	200	2526.4	300	2527.3	400	2529.5		
304392	16	600	2535.2	770	2542.2	844	2544.3	922	2560.09		
	50	-500	-300	-155	-114	-8	-1				
	55 2										
	60	.065	.000 .065	.065	.035	.051	.051				
	599	0	2508.6	1	0	1					
	650	-500	-300	-155	10						
	655 2										
	660	.065	.000 .065	.035	.051						
	670	0	2508.6	0	0	1					
	675 2										
	680	.065	.000 .065	.035	.051						
	699	0	2511.6	1	0	1					
	700	-650	2560.0	-538	2531.2	-390	2532.0	-320	2531.3		
	701	-154	2526.1	-102	2524.8	-78	2511.6	72	2511.6		
	703	82	2516.0	93	2520.0	119	2529.8	136	2530.1		
	704	142	2529.2	148	2532.6	294	2529.2	594	2531.2		
307032	705	742	2537.0	833	2548.3	893	2560.09				
	750	-390	-320	-154	-102	93	148				
	755 2										
	760	.065	.000 .074	.074	.035	.071	.071				
	770	0	2511.6	0	0	1					
	775 2										
	780	.065	.000 .083	.083	.035	.079	.079				
	699.1	0	2514.4	1	0	1					
	700.1	-650	2562.9	-538	2533.1	-390	2534.9	-320	2534.2		
	701.1	-154	2529.0	-102	2526.7	-78	2514.5	72	2514.5		
	703.1	82	2518.9	93	2522.9	119	2532.7	136	2533.0		
	704.1	142	2532.1	148	2535.5	294	2532.1	594	2534.1		
308880	705.1	742	2539.9	833	2551.2	893	2562.99				

	750.1	-390	-320	-154	-102	93	148				
	755.1	2									
	760.1	.005	.000	.074	.074	.048	.071	.071			
	770.1	0	2514.4	0	0	1					
	775.1	2									
	780.1	.005	.000	.083	.083	.054	.079	.079			
	799	0	2519.7	1	0	0					
	800	-344	2555.0	-330	2545.6	-315	2545.5	-295	2538.1		
	801	-260	2536.0	-245	2520.1	-222	2520.2	-200	2519.7		
	802	-170	2519.6	-155	2520.2	-145	2525.1	-137	2533.2		
	803	-100	2535.2	-53	2539.2	0	2541.2	15	2541.2		
313262	804	09	2543.0	103	2545.4	133	2555.09				
	850	-260	-137								
	860	.120	.045	.154							
	870	0	2519.7	0	0	0					
	880	.090	.034	.088							
	899	0	2529.7	1	0	0					
	900	-275	2570.0	-211	2559.4	-131	2551.4	-71	2548.0		
	901	-12	2547.2	0	2543.0	19	2532.7	30	2531.2		
	902	42	2530.4	100	2529.7	122	2531.3	143	2541.3		
319704	903	150	2541.3	175	2551.6	228	2570.09				
	950	30	122								
	960	.004	.043	.084							
	970	0	2529.7	0	0	0					
	980	.072	.048	.095							
	999	0	2549.0	1	0	0					
	1000	-132	2590.0	-91	2557.5	-83	2554.5	-81	2550.5		
	1001	-75	2549.0	-60	2549.0	-45	2549.5	-36	2550.5		
	1002	0	2552.1	23	2551.7	31	2554.3	67	2558.3		
	1003	78	2556.9	98	2564.4	158	2570.5	189	2575.8		
327518	1004	250	2590.09								
	1050	-83	-36								
	1060	.060	.044	.105							
	1070	0	2549.0	0	0	0					
	1080	.060	.040	.080							
	1099	0	2559.1	1	0	0					
	1100	-270	2600.0	-240	2578.7	-170	2574.6	-150	2574.4		
	1101	-141	2573.9	-128	2560.8	-124	2559.1	-47	2559.2		
	1102	-32	2562.0	-5	2578.2	16	2579.1	40	2577.3		
331056	1103	93	2575.1	218	2577.1	453	2600.09				
	1150	-141	-5								
	1160	.060	.029	.080							
	1170	0	2559.1	0	0	0					
	1180	.001	.022	.074							
	1199	0	2559.1	1	1	0					
	1200	-400	2600.0	-382	2590.0	-357	2583.1	-287	2575.2		
	1201	-175	2575.2	-80	2573.6	-2	2576.3	12	2576.3		
	1202	26	2576.1	54	2566.0	61	2561.6	72	2559.6		
	1203	104	2559.1	195	2570.0	206	2582.0	227	2583.7		
332218	1204	304	2584.8	323	2600.09						
	1250	20	206								
	1260	.001	.022	.072							
	1290	2580.0	2559.1	1	0	0					
	1297	2	2								
	1298	2	2570.6	2579.0	2583.5	2586.1	3	2580.0	2580.7	2586.1	2586.6
	1299	2	2562.0	2577.7	5	3	2567.8	2580.0	1		
	1300	-388	2600.0	-277	2576.8	-240	2574.6	-128	2573.6		
	1301	-108	2572.7	-92	2572.8	-30	2577.0	0	2580.0		
	1302	1	2583.5	3	2576.6	4	2575.2	21	2564.8		
	1303	48	2563.6	63	2561.6	72	2559.5	104	2559.1		

	1304	122	2561.6	130	2567.7	133	2567.8	162	2579.8		
	1305	165	2586.6	166	2583.2	197	2583.4	240	2584.8		
332218	1306	259	2600.09								
	1350	1	130	165							
	1361	.057	.034	.052	.052						
	1399	0	2559.1	1	0	0					
	1450	20	206								
	1460	.057	.034	.052							
	1470	0	2559.1	0	0	0					
	1480	.057	.034	.052							
	1499	0	2562.6	1	1	0					
	1500	-262	2616.0	-202	2587.2	-197	2588.6	-181	2589.0		
	1501	-170	2586.5	-152	2585.9	-90	2567.0	-73	2563.6		
	1502	-50	2562.6	0	2563.7	12	2565.0	46	2581.5		
	1503	60	2582.1	260	2580.4	282	2590.3	330	2590.5		
333432	1804	340	2602.59								
	1550	-152	46								
	1560	.050	.034	.053							
	1594	2586.0	2562.6	1	0	0					
	1595	3	3								
	1596	2	2577.2	2577.2	2585.2	2585.2	3	2579.2	2579.2	2585.2	2585.2
	1597	4	2578.0	2578.0	2582.4	2582.4					
	1598	2	2573.0	2577.2		1	3	2563.2	2579.2		6
	1599	4	2573.0	2578.0		1					
	1600	-262	2616.0	-202	2587.2	-197	2588.6	-181	2589.0		
	1601	-170	2586.5	-152	2585.9	-142	2582.4	-125	2582.4		
	1602	-124	2585.2	-123	2577.2	-108	2573.0	-85	2567.2		
	1303	-70	2563.6	-50	2562.6	-5	2563.6	9	2565.0		
	1604	15	2568.0	35	2578.0	39	2582.4	265	2582.4		
333432	1605	282	2590.3	330	2590.5	340	2602.59				
	1650	-124	-108	15	39						
	1661	.055	.055	.026	.068	.068					
	1699	0	2562.6	1	0	0					
	1750	-152	46								
	1760	.055	.026	.068							
	1770	0	2562.6	0	0	0					
	1780	.055	.026	.068							
	1799	0	2565.8	1	1	0					
	1800	-500	2600.0	-500	2581.4	-400	2580.8	-300	2580.8		
	1801	-121	2581.1	-98	2585.0	12	2587.6	35	2587.6		
	1802	40	2580.8	55	2576.3	63	2572.0	89	2568.0		
	1803	114	2568.9	130	2568.8	153	2565.8	176	2568.6		
	1804	200	2568.6	208	2571.3	213	2571.3	218	2570.4		
	1805	222	2570.4	233	2572.0	252	2583.6	502	2591.7		
335438	1806	535	2600.09								
	1850	55	252								
	1860	.057	.026	.065							
	1894	2596.0	2565.8	1	0	0					
	1895	3	3								
	1896	2	2588.8	2588.8	2591.4	2591.4	3	2583.1	2583.9	2591.4	2591.6
	1897	4	2589.0	2589.0	2591.6	2591.7					
	1898	2	2577.4	2588.8		2	3	2568.0	2583.4		8
	1899	4	2572.0	2589.0		9					
	1900	-500	2600.0	-537	2592.6	1	2591.4	2	2588.8		
	1901	3	2586.8	20	2583.4	25	2576.8	32	2576.8		
	1902	90	2568.0	113	2568.8	130	2568.8	149	2565.8		
	1903	160	2568.6	190	2568.6	199	2571.3	205	2571.3		
	1904	211	2570.1	236	2573.0	249	2578.2	250	2582.0		
	1905	260	2587.0	270	2589.2	282	2591.7	359	2592.0		
335438	1906	492	2591.4	500	2591.7	535	2600.09				

	1950	1	32	211	282						
	1961	.078	.078	.056	.099	.099					
	1999	0	2565.8	1	0	0					
	2050	35	252								
	2060	.078	.056	.099							
	2070	0	2565.8	0	0	0					
	2080	.078	.056	.099							
	2099	0	2568.6	1	1	0					
	2100	-528	2598.0	-500	2568.8	-150	2588.0	1	2588.0		
	2101	2	2575.6	10	2572.2	35	2571.6	48	2569.8		
	2102	92	2569.2	110	2570.5	130	2570.4	142	2568.6		
	2103	155	2569.2	180	2572.4	188	2572.8	189	2588.0		
335808	2104	500	2586.4	534	2598.09						
	2150	1	189								
	2160	.077	.056	.099							
	2196	2590.0	2568.6	1	0	0					
	2197	1	1								
	2198	2	2583.2	2583.2	2591.6	2591.8					
	2199	2	2569.2	2583.2	6						
	2200	-528	2598.0	-500	2588.8	-150	2588.0	0	2588.0		
	2201	1	2591.6	3	2583.2	4	2575.6	13	2572.4		
	2202	40	2571.4	50	2569.8	62	2569.8	92	2569.2		
	2203	110	2570.5	130	2570.4	143	2568.6	150	2569.1		
	2204	180	2572.4	183	2572.8	184	2583.2	188	2591.8		
335808	2205	189	2588.0	500	2586.4	534	2598.09				
	2250	1	189								
	2261	.092	.071	.099							
	2299	0	2568.6	1	0	0					
	2350	1	189								
	2360	.092	.021	.099							
	2370	0	2568.6	0	0	0					
	2380	.092	.021	.099							
	2399	0	2567.3	1	1	0					
	2400	-460	2600.0	-400	2591.4	-337	2587.9	-309	2587.9		
	2401	-300	2587.5	-278	2585.4	-200	2585.1	-54	2585.8		
	2402	13	2579.6	35	2578.8	47	2576.5	48	2572.7		
	2403	55	2569.5	65	2568.0	120	2567.3	140	2567.4		
	2404	174	2572.5	180	2572.7	185	2576.5	200	2579.5		
	2405	220	2586.0	223	2589.8	400	2588.1	500	2587.9		
336178	2406	590	2589.0	643	2600.09						
	2450	47	185								
	2460	.060	.028	.120							
	2495	2589.0	2567.3	1	0	0					
	2496	3	1								
	2497	2	2585.8	2584.2	2592.0	2592.3	3	2584.2	2585.7	2592.3	2593.4
	2498	4	2585.7	2586.0	2593.4	2593.7					
	2499	3	2471.0	2585.0	4						
	2500	-460	2600.0	-400	2591.4	-337	2587.9	-309	2587.9		
	2501	-300	2587.5	-279	2585.5	-54	2586.2	0	2588.0		
	2502	1	2592.0	2	2583.2	6	2583.2	13	2579.6		
	2503	35	2578.8	47	2576.5	48	2572.7	55	2569.5		
	2504	62	2568.0	117	2567.3	137	2567.4	168	2572.5		
	2505	174	2572.7	179	2576.5	194	2579.5	214	2586.0		
	2506	220	2593.7	221	2589.8	400	2588.1	500	2587.9		
336178	2507	590	2589.0	643	2600.09						
	2550	1	47	179	220						
	2560	.118	.118	.034	.120	.120					
	2595	0	2567.3	1	0	0					
	2650	47	185								
	2660	.118	.034	.120							

	2670	0	2567.3	C	C	0					
	2680	.118	.034	.120	.	.	.	.	.	.
	2699	0	2570.2	1	C	0					
	2700	-815	2610.0	-470	2589.2	-422	2589.2	-350	2586.2		
	2701	-53	2583.1	-22	2582.1	0	2572.2	11	2570.2		
	2702	90	2570.2	138	2572.4	112	2581.2	120	2583.2		
337498	2703	136	2583.2	275	2586.0	279	2587.0	291	2610.09		
	2750	-22	112								
	2760	.087	.037	.090	.	.	.	.	.	.
	2770	0	2570.2	C	C	0					
	2780	.090	.047	.100	.	.	.	.	.	.
	2799	0	2570.0	1	C	0					
	2800	-725	2598.3	-696	2597.6	-695	2592.5	-547	2592.0		
	2801	-427	2588.3	-317	2588.7	-206	2589.4	-77	2591.1		
	2802	-40	2589.9	-2	2578.0	1	2573.0	11	2570.0		
338448	2803	81	2570.0	138	2585.2	358	2586.9	470	2610.09		
	2850	-547	-77	-2	138						
	2860	.090	.090	.090	.047	.100	.	.	.	.
	2870	0	2570.0	C	0	0					
	2880	.052	.052	.080	.037	.060	.	.	.	.
	2899	0	2569.4	1	0	0					
	2900	-660	2578.2	-630	2597.2	-629	2592.2	-530	2592.0		
	2901	-480	2592.0	-358	2588.2	-270	2588.6	-151	2587.8		
	2902	-127	2590.4	-34	2591.0	-20	2582.6	30	2582.9		
	2903	50	2578.0	51	2572.9	70	2571.4	110	2569.4		
	2904	136	2569.8	148	2573.0	150	2575.0	176	2582.0		
338554	2905	185	2585.0	267	2585.8	300	2592.3	500	2604.79		
	2950	-34	50	176							
	2960	.065	.100	.037	.075	.	.	.	.	.
	2995	2590.0	2569.7	1	0	0					
	2996	3	2								
	2997	2	2592.8	2592.8	2598.7	2598.7	3	2592.7	2592.6	2598.6	2598.6
	2998	4	2592.6	2592.6	2598.6	2598.6					
	2999	2	2577.0	2592.7	1	3	2573.0	2592.6	5		
	3000	-660	2598.2	-630	2597.2	-629	2592.2	-480	2592.0		
	3001	-360	2588.2	-250	2588.7	-160	2590.2	-61	2595.3		
	3002	1	2596.4	2	2598.7	8	2592.8	13	2591.5		
	3003	31	2581.0	50	2578.0	62	2574.3	71	2572.9		
	3004	80	2571.9	90	2572.7	101	2569.7	110	2571.7		
	3005	130	2572.7	135	2573.9	168	2578.5	170	2582.0		
	3006	190	2592.5	199	2598.5	200	2596.4	300	2592.3		
338554	3006	500	2604.79								
	3050	2	50	170	199						
	3061	.067	.100	.053	.075	.075
	3099	0	2569.4	1	C	0					
	3100	-660	2598.2	-630	2597.2	-629	2592.2	-530	2592.0		
	3101	-480	2592.0	-358	2588.2	-270	2588.6	-151	2587.8		
	3102	-127	2590.4	-34	2591.0	-20	2582.6	30	2582.9		
	3103	50	2578.0	51	2572.9	70	2571.4	110	2569.4		
	3104	136	2569.8	148	2573.0	150	2575.0	176	2581.0		
338554	3105	201	2579.4	234	2579.4	300	2592.3	500	2604.79		
	3150	-34	50	176							
	3160	.067	.100	.053	.075
	3170	0	2569.4	C	C	0					
	3180	.067	.100	.053	.075
	3199	0	2571.8	1	0	0					
	3200	-388	2620.0	-380	2594.1	-370	2595.2	-356	2595.3		
	3201	-320	2592.3	-300	2591.3	-230	2586.4	-146	2583.0		
	3202	-53	2580.2	-33	2589.2	-28	2588.2	-21	2579.5		
	3203	-6	2576.4	0	2574.2	15	2571.8	75	2571.8		

339451	3204	90	2574.0	117	2583.6	200	2594.8	433	2620.09		
	3250	-33	117								
	3260	.116	.053	.075							
	3270	J	2571.8	C	0	0					
	3280	.087	.046	.110							
	3299	J	2576.6	1	1	0					
	3300	-232	2620.0	-180	2579.0	-150	2576.6	-130	2577.0		
	3301	-110	2577.2	-90	2576.0	-89	2579.6	-87	2581.0		
	3302	-70	2581.9	-50	2576.6	-25	2592.6	0	2599.3		
340613	3303	20	2599.6	79	2604.0	115	2608.8	122	2620.09		
	3350	-180	-87	-50							
	3360	.080	.046	.046	.110						
	3396	2610.0	2575.6	1	0	0					
	3397	1	1								
	3398	2	2596.4	2596.4	2602.0	2602.2	3	2596.4	2596.4	2602.2	2602.2
	3399	2	2576.0	2596.4	10	3	2584.0	2596.4	2		
	3400	-50	2620.0	-6	2598.4	14	2598.4	15	2602.0		
	3401	22	2598.5	23	2595.2	49	2579.6	53	2577.2		
	3402	60	2577.7	66	2575.5	77	2576.0	90	2577.0		
	3403	100	2575.9	110	2575.6	118	2575.6	140	2577.8		
	3404	150	2577.0	164	2577.4	80	2583.6	185	2584.0		
	3405	200	2580.1	201	2594.0	209	2594.7	215	2602.2		
	3406	215	2600.0	233	2600.0	279	2604.0	314	2608.8		
340613	3407	322	2620.09								
	3450	15	185	215							
	3461	.115	.022	.022	.115						
	3499	J	2576.6	1	0	0					
	3550	-180	-87	-50							
	3560	.115	.022	.022	.115						
	3570	J	2576.6	C	0	0					
	3580	.115	.022	.022	.115						
	3599	J	2581.0	1	1	0					
	3600	-355	2620.0	-320	2614.7	-220	2604.8	-100	2597.2		
	3601	-87	2599.2	-42	2599.0	-24	2598.3	-12	2594.2		
	3602	-1	2584.3	0	2581.9	80	2581.0	120	2581.5		
	3603	126	2587.0	150	2590.3	156	2594.4	203	2593.8		
342038	3604	244	2599.3	323	2620.09						
	3650	-24	126	156							
	3650	.077	.023	.102	.102						
	3696	2606.0	2581.0	1	0	0					
	3697	1	1								
	3698	2	2576.6	2596.6	2602.0	2602.0					
	3699	2	2582.0	2596.6	8						
	3700	-355	2620.0	-320	2614.7	-220	2604.8	-100	2597.2		
	3701	-87	2599.2	-42	2599.0	-24	2598.3	-23	2602.0		
	3702	-12	2596.6	-7	2594.2	5	2584.3	6	2581.9		
	3703	80	2581.0	114	2581.6	120	2587.2	144	2590.4		
	3704	150	2594.4	157	2602.0	158	2598.6	237	2598.4		
342038	3705	244	2599.3	323	2620.09						
	3750	-23	157								
	3761	.077	.023	.095							
	3799	J	2581.0	1	0	0					
	3850	-24	126	156							
	3860	.077	.023	.110	.080						
	3870	J	2591.0	C	0	0					
	3880	.077	.023	.110	.080						
	49	J	2583.4	1	0	0					
	50	-400	2620.0	-330	2604.8	-180	2596.1	-104	2600.1		
	51	-74	2592.8	-25	2591.2	-8	2591.4	0	2584.4		
	52	20	2583.4	40	2583.4	71	2584.5	79	2591.0		

343200

53	195	2620.09		
55	-104	-8	79	
60	.067	.067	.023	.073

10-yr Flood

F

PIGCON RIVER 10-YR FLD 150| IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.700	2519.07	0.	0.0	0.120	0.	0.0
		2063.	12.52	0.025	14020.	6.80
		174.	2.01	0.110	80.	0.46

HV = 0.71 SF = 0.000450 TOTAL DIS = 14100.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2519.93	0.	0.0	0.067	0.	0.0
		258.	6.76	0.067	340.	1.32
		2575.	12.52	0.025	13727.	5.33
		0.	0.0	0.065	0.	0.0

HV = 0.43 SF = 0.000277 TOTAL DIS = 14067.

DELTA HV = 0.28 HF = 0.58 HT = 0.86

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2519.93	0.	0.0	0.067	0.	0.0
		258.	6.76	0.067	472.	1.83
		2575.	12.52	0.035	13595.	5.28
		0.	0.0	0.065	0.	0.0

HV = 0.42 SF = 0.000532 TOTAL DIS = 14067.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2520.18	0.	0.0	0.120	0.	0.0
		2206.	11.78	0.035	14056.	6.37
		0.	0.0	0.110	0.	0.0

HV = 0.63 SF = 0.000840 TOTAL DIS = 14056.

DELTA HV = -0.21 HF = 0.36 HT = 0.26

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2520.18	0.	0.0	0.100	0.	0.0
		2065.	8.54	0.035	14056.	6.81
		0.	0.0	0.100	0.	0.0

HV = 0.72 SF = 0.001471 TOTAL DIS = 14056.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2520.28	0.	0.0	0.100	0.	0.0
		2223.	11.85	0.035	14056.	6.32
		0.	0.0	0.100	0.	0.0

HV = 0.62 SF = 0.000821 TOTAL DIS = 14056.

DELTA HV = 0.10 HF = 0.0 HT = 0.10

PIGEON RIVER 10-YR FLD 1501 IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2520.28	0.	0.0	0.100	0.	0.0
		2223.	11.85	0.035	14056.	6.32
		0.	0.0	0.100	0.	0.0

HV = 0.62 SF = 0.000821 TOTAL DIS = 14056.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2522.37	0.	0.0	0.120	0.	0.0
		2444.	11.76	0.035	14000.	5.73
		0.	0.0	0.120	0.	0.0

HV = 0.51 SF = 0.000680 TOTAL DIS = 14000.

DELTA HV = 0.11 HF = 1.98 HT = 2.09

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2522.37	0.	0.0	0.120	0.	0.0
		1744.	8.32	0.035	14000.	8.03
		0.	0.0	0.053	0.	0.0

HV = 1.00 SF = 0.002120 TOTAL DIS = 14000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2522.43	0.	0.0	0.120	0.	0.0
		1806.	11.28	0.035	14000.	7.75
		0.	0.0	0.053	0.	0.0

HV = 0.95 SF = 0.001317 TOTAL DIS = 14000.

DELTA HV = 0.07 HF = 0.0 HT = 0.07

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2522.43	0.	0.0	0.120	0.	0.0
		1806.	11.28	0.035	14000.	7.75
		0.	0.0	0.053	0.	0.0

HV = 0.93 SF = 0.001317 TOTAL DIS = 14000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2522.77	0.	0.0	0.068	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.068	0.	0.0
		1799.	11.36	0.035	13994.	7.78
		0.	0.0	0.045	0.	0.0

HV = 0.94 SF = 0.001314 TOTAL DIS = 13994.

DELTA HV = -0.01 HF = 0.35 HT = 0.34

EPIDCE

PIGCON RIVER 10-YR FLD 150| IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2522.77	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.065	0.	0.0
		156.	5.33	0.065	462.	2.96
		1488.	11.18	0.035	13412.	9.01
		44.	3.28	0.051	120.	2.73
		0.	0.0	0.051	0.	0.0

HV = 1.21 SF = 0.001801 TOTAL DIS = 13994.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2523.09	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.065	0.	0.0
		1847.	11.58	0.035	13994.	7.58
		0.	0.0	0.051	0.	0.0

HV = 0.89 SF = 0.001216 TOTAL DIS = 13994.

DELTA HV = 0.32 HF = 0.0 HT = 0.32

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2523.09	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.065	0.	0.0
		1847.	11.58	0.035	13994.	7.58
		0.	0.0	0.051	0.	0.0

HV = 0.89 SF = 0.001216 TOTAL DIS = 13994.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2525.86	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.074	0.	0.0
		23.	0.53	0.074	7.	0.31
		2530.	12.65	0.035	13887.	5.49
		46.	2.74	0.071	45.	0.98
		0.	0.0	0.071	0.	0.0

HV = 0.47 SF = 0.000567 TOTAL DIS = 13939.

DELTA HV = 0.43 HF = 2.35 HT = 2.78

PIGEON RIVER 10-YR FLD 150| IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2525.86	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.083	0.	0.0
		23.	0.53	0.083	6.	0.28
		2530.	12.65	0.035	13893.	5.49
		46.	2.74	0.079	40.	0.88
		0.	0.0	0.079	0.	0.0

HV = 0.47 SF = 0.000567 TOTAL DIS = 13939.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.500	2527.64	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.074	0.	0.0
		10.	0.47	0.074	5.	0.45
		2323.	11.64	0.048	13856.	5.96
		30.	2.22	0.071	40.	1.33
		0.	0.0	0.071	0.	0.0

HV = 0.55 SF = 0.001407 TOTAL DIS = 13900.

DELTA HV = -0.08 HF = 1.82 HT = 1.78

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.500	2527.64	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.083	0.	0.0
		10.	0.47	0.083	5.	0.46
		2323.	11.64	0.054	13855.	5.96
		30.	2.22	0.079	40.	1.35
		0.	0.0	0.079	0.	0.0

HV = 0.55 SF = 0.001780 TOTAL DIS = 13900.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2535.65	0.	0.0	0.120	0.	0.0
		1714.	12.80	0.045	13780.	8.04
		55.	1.29	0.154	28.	0.51

HV = 1.00 SF = 0.001980 TOTAL DIS = 13808.

DELTA HV = -0.45 HF = 8.24 HT = 8.01

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2535.65	0.	0.0	0.090	0.	0.0
		1714.	12.80	0.034	13771.	8.03
		55.	1.29	0.088	37.	0.67

HV = 1.00 SF = 0.001129 TOTAL DIS = 13808.

PIGECN RIVER 10-YR FLD 1501 IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2545.06	287.	7.37	0.064	1076.	3.75
		1362.	14.79	0.043	12082.	8.87
		243.	5.58	0.084	576.	2.37

HV = 1.10 SF = 0.001816 TOTAL DIS = 13734.

DELTA HV = -0.10 HF = 9.48 HT = 9.44

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2545.06	287.	7.37	0.072	1069.	3.72
		1362.	14.79	0.048	12096.	8.88
		243.	5.58	0.095	569.	2.34

HV = 1.10 SF = 0.002268 TOTAL DIS = 13734.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2565.33	113.	5.36	0.060	464.	4.09
		743.	14.95	0.044	8223.	11.06
		1421.	9.78	0.105	4962.	3.49

HV = 1.22 SF = 0.002912 TOTAL DIS = 13650.

DELTA HV = -0.12 HF = 20.24 HT = 20.18

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2565.33	113.	5.36	0.060	395.	3.49
		743.	14.95	0.040	7706.	10.37
		1421.	9.78	0.080	5548.	3.90

HV = 1.04 SF = 0.002113 TOTAL DIS = 13650.

CRITICAL DEPTH = 2567.91

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2571.91	0.	0.0	0.060	0.	0.0
		1343.	10.21	0.029	13611.	10.13
		0.	0.0	0.080	0.	0.0

HV = 1.59 SF = 0.001764 TOTAL DIS = 13611.

DELTA HV = -0.55 HF = 6.86 HT = 6.58

CRITICAL DEPTH = 2567.91

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2571.91	0.	0.0	0.061	0.	0.0
		1343.	10.21	0.022	13611.	10.13
		0.	0.0	0.074	0.	0.0

HV = 1.59 SF = 0.001015 TOTAL DIS = 13611.

PIGECN RIVER 10-YR FLD 150! IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2573.47	0.	0.0	0.061	0.	0.0
		1556.	9.16	0.022	13000.	8.35
		0.	0.0	0.072	0.	0.0

HV = 1.08 SF = 0.000798 TOTAL DIS = 13000.

DELTA HV = 0.51 HF = 1.05 HT = 1.56

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2573.47	22.	0.50	0.057	20.	0.95
		1352.	7.28	0.034	12814.	9.48
		56.	2.38	0.052	165.	2.94
		0.	0.0	0.052	0.	0.0

HV = 1.38 SF = 0.003334 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2573.84	3.	0.12	0.057	1.	0.26
		1617.	9.43	0.034	12999.	8.04
		0.	0.0	0.052	0.	0.0

HV = 1.00 SF = 0.001699 TOTAL DIS = 13000.

DELTA HV = 0.37 HF = 0.0 HT = 0.37

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2573.84	3.	0.12	0.057	1.	0.26
		1617.	9.43	0.034	12999.	8.04
		0.	0.0	0.052	0.	0.0

HV = 1.00 SF = 0.001699 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2575.95	0.	0.0	0.050	0.	0.0
		1510.	9.55	0.034	13000.	8.61
		0.	0.0	0.053	0.	0.0

HV = 1.15 SF = 0.001915 TOTAL DIS = 13000.

DELTA HV = -0.15 HF = 2.19 HT = 2.12

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2575.95	0.	0.0	0.055	0.	0.0
		16.	1.12	0.055	21.	1.37
		1348.	6.69	0.026	12854.	9.54
		63.	2.66	0.068	125.	1.97
		0.	0.0	0.068	0.	0.0

HV = 1.40 SF = 0.002210 TOTAL DIS = 13000.

PIGEON RIVER 10-YR FLD 1501 IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2578.20	0.	0.0	0.055	0.	0.0
		1558.	9.74	0.026	13000.	8.34
		0.	0.0	0.068	0.	0.0

HV = 1.08 SF = 0.001024 TOTAL DIS = 13000.

DELTA HV = 0.32 HF = 0.0 HT = 0.32

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2578.20	0.	0.0	0.055	0.	0.0
		1558.	9.74	0.026	13000.	8.34
		0.	0.0	0.068	0.	0.0

HV = 1.08 SF = 0.001024 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2578.48	0.	0.0	0.057	0.	0.0
		1711.	8.53	0.026	13000.	7.60
		0.	0.0	0.065	0.	0.0

HV = 0.90 SF = 0.001014 TOTAL DIS = 13000.

DELTA HV = 0.18 HF = 2.04 HT = 2.23

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2578.48	0.	0.0	0.078	0.	0.0
		13.	1.14	0.078	25.	1.93
		1557.	5.89	0.056	12486.	8.02
		211.	2.15	0.099	489.	2.32
		0.	0.0	0.099	0.	0.0

HV = 0.96 SF = 0.008597 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2578.55	0.	0.0	0.078	0.	0.0
		1725.	8.59	0.056	13000.	7.54
		0.	0.0	0.099	0.	0.0

HV = 0.88 SF = 0.004588 TOTAL DIS = 13000.

DELTA HV = 0.08 HF = 0.0 HT = 0.08

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2578.55	0.	0.0	0.078	0.	0.0
		1725.	8.59	0.056	13000.	7.54
		0.	0.0	0.099	0.	0.0

HV = 0.88 SF = 0.004588 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2580.20	0.	0.0	0.077	0.	0.0
		1807.	9.07	0.056	13000.	7.20
		0.	0.0	0.099	0.	0.0

HV = 0.80 SF = 0.003890 TOTAL DIS = 13000.

DELTA HV = 0.08 HF = 1.57 HT = 1.65

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2580.20	0.	0.0	0.092	0.	0.0
		1731.	6.71	0.021	13000.	7.51
		0.	0.0	0.099	0.	0.0

HV = 0.88 SF = 0.000891 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2580.27	0.	0.0	0.092	0.	0.0
		1821.	9.13	0.021	13000.	7.14
		0.	0.0	0.099	0.	0.0

HV = 0.79 SF = 0.000533 TOTAL DIS = 13000.

DELTA HV = 0.08 HF = 0.0 HT = 0.08

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2580.27	0.	0.0	0.092	0.	0.0
		1821.	9.13	0.021	13000.	7.14
		0.	0.0	0.099	0.	0.0

HV = 0.79 SF = 0.000533 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2580.43	64.	1.48	0.060	64.	1.00
		1585.	11.05	0.028	12913.	8.15
		38.	2.06	0.120	23.	0.62

HV = 1.02 SF = 0.000957 TOTAL DIS = 13000.

DELTA HV = -0.23 HF = 0.28 HT = 0.16

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2580.43	0.	0.0	0.118	0.	0.0
		61.	1.70	0.118	111.	1.81
		1519.	2.64	0.034	12813.	8.44
		38.	2.06	0.120	77.	2.03
		0.	0.0	0.120	0.	0.0

HV = 1.09 SF = 0.010213 TOTAL DIS = 13000.

PIGEON RIVER 10-YR FLD 150| IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2580.50	67.	1.53	0.118	42.	0.62
		1594.	11.12	0.034	12929.	8.11
		39.	2.11	0.120	30.	0.76

HV = 1.02 SF = 0.001387 TOTAL DIS = 13000.

DELTA HV = 0.07 HF = 0.0 HT = 0.07

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2580.50	67.	1.53	0.118	42.	0.62
		1594.	11.12	0.034	12929.	8.11
		39.	2.11	0.120	30.	0.76

HV = 1.02 SF = 0.001387 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2582.73	6.	0.31	0.087	2.	0.37
		1468.	10.33	0.037	12995.	8.85
		5.	0.74	0.090	3.	0.63

HV = 1.22 SF = 0.002157 TOTAL DIS = 13000.

DELTA HV = -0.20 HF = 2.34 HT = 2.24

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2582.73	6.	0.31	0.090	3.	0.45
		1468.	10.33	0.047	12994.	8.85
		5.	0.74	0.100	3.	0.72

HV = 1.22 SF = 0.003480 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2585.71	0.	0.0	0.090	0.	0.0
		0.	0.0	0.090	0.	0.0
		110.	3.72	0.090	195.	1.77
		1735.	11.94	0.047	12801.	7.38
		17.	0.26	0.100	5.	0.27

HV = 0.85 SF = 0.001995 TOTAL DIS = 13000.

DELTA HV = 0.38 HF = 2.60 HT = 2.98

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2585.71	0.	0.0	0.052	0.	0.0
		0.	0.0	0.052	0.	0.0
		110.	3.72	0.080	173.	1.57
		1735.	11.94	0.037	12821.	7.39
		17.	0.26	0.060	6.	0.35

HV = 0.84 SF = 0.001240 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2585.83	0.	0.0	0.065	0.	0.0
		271.	3.52	0.100	315.	1.17
		1697.	12.81	0.037	12637.	7.46
		57.	0.62	0.075	28.	0.49

HV = 0.84 SF = 0.001150 TOTAL DIS = 13000.

DELTA HV = -0.00 HF = 0.13 HT = 0.12

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2585.83	0.	0.0	0.067	0.	0.0
		140.	3.73	0.100	400.	2.85
		1444.	7.68	0.053	12569.	8.70
		14.	1.70	0.075	31.	2.25
		0.	0.0	0.075	0.	0.0

HV = 1.14 SF = 0.006359 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2586.42	0.	0.0	0.067	0.	0.0
		315.	4.04	0.100	473.	1.50
		1784.	13.49	0.053	11279.	6.32
		513.	5.42	0.075	1249.	2.43

HV = 0.55 SF = 0.001582 TOTAL DIS = 13000.

DELTA HV = 0.59 HF = 0.0 HT = 0.59

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2586.42	0.	0.0	0.067	0.	0.0
		315.	4.04	0.100	473.	1.50
		1784.	13.49	0.053	11279.	6.32
		513.	5.42	0.075	1249.	2.43

HV = 0.55 SF = 0.001582 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYC RAD	N	DISCHARGE	VELOCITY
64.290	2587.88	932.	4.29	0.116	1266.	1.36
		1910.	12.61	0.053	11645.	6.10
		68.	2.12	0.075	89.	1.31

HV = 0.92 SF = 0.001611 TOTAL DIS = 13000.

DELTA HV = 0.03 HF = 1.43 HT = 1.46

PIGECN RIVER 10-YR FLD 150| IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2587.88	932.	4.29	0.087	1447.	1.55
		1910.	12.61	0.046	11501.	6.02
		68.	2.12	0.110	52.	0.77

HV = 0.50 SF = 0.001183 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2589.77	74.	4.23	0.080	180.	2.45
		1160.	12.12	0.046	9986.	8.61
		352.	9.33	0.046	2544.	7.23
		135.	5.55	0.110	290.	2.14

HV = 1.05 SF = 0.002552 TOTAL DIS = 13000.

DELTA HV = -0.54 HF = 2.17 HT = 1.90

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2589.77	0.	0.0	0.115	0.	0.0
		1780.	6.02	0.022	12299.	6.91
		119.	4.73	0.022	701.	5.88
		0.	0.0	0.115	0.	0.0

HV = 0.73 SF = 0.000956 TOTAL DIS = 13000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2589.77	74.	4.23	0.115	61.	0.83
		1160.	12.12	0.022	10204.	8.80
		352.	9.33	0.022	2600.	7.39
		135.	5.55	0.115	135.	1.00

HV = 1.11 SF = 0.000610 TOTAL DIS = 13000.

DELTA HV = -0.38 HF = 0.0 HT = -0.19

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2589.77	74.	4.23	0.115	61.	0.83
		1160.	12.12	0.022	10204.	8.80
		352.	9.33	0.022	2600.	7.39
		135.	5.55	0.115	135.	1.00

HV = 1.11 SF = 0.000610 TOTAL DIS = 13000.

CRITICAL MILE	DEPTH = 2588.36 ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2590.96	0.	0.0	0.077	0.	0.0
		1222.	8.69	0.023	12947.	10.59
		56.	2.20	0.102	53.	0.96
		0.	0.0	0.102	0.	0.0

HV = 1.74 SF = 0.001506 TOTAL DIS = 13000.

DELTA HV = -0.62 HF = 1.51 HT = 1.20

BRIDGE

CRITICAL MILE	DEPTH = 2589.00 ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2590.96	0.	0.0	0.077	0.	0.0
		1159.	5.11	0.023	13000.	11.22
		0.	0.0	0.095	0.	0.0

HV = 1.95 SF = 0.003430 TOTAL DIS = 13000.

CRITICAL MILE	DEPTH = 2588.49 ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2591.29	0.	0.0	0.077	0.	0.0
		1266.	8.97	0.023	12942.	10.22
		64.	2.46	0.110	58.	0.90
		0.	0.0	0.080	0.	0.0

HV = 1.62 SF = 0.001344 TOTAL DIS = 13000.

DELTA HV = 0.34 HF = 0.0 HT = 0.34

CRITICAL MILE	DEPTH = 2588.49 ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2591.29	0.	0.0	0.077	0.	0.0
		1266.	8.97	0.023	12942.	10.22
		64.	2.46	0.110	58.	0.90
		0.	0.0	0.080	0.	0.0

HV = 1.62 SF = 0.001344 TOTAL DIS = 13000.

CRITICAL MILE	DEPTH = 2593.72 ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
65.000	2593.72	0.	0.0	0.067	0.	0.0
		127.	1.81	0.067	244.	1.92
		800.	8.69	0.023	12735.	15.93
		15.	1.32	0.073	21.	1.43

HV = 3.86 SF = 0.003400 TOTAL DIS = 13000.

DELTA HV = -2.24 HF = 2.76 HT = 1.63

PIGECN RIVER 50-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.700	2523.24	47.	1.61	0.120	18.	0.38
		2738.	16.42	0.025	23585.	8.61
		637.	4.90	0.110	557.	0.87

HV = 1.12 SF = C.C00503 TOTAL DIS = 24160.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2524.32	0.	0.0	0.067	0.	0.0
		420.	9.31	0.067	713.	1.70
		3475.	16.69	0.025	23313.	6.71
		129.	2.30	0.065	89.	0.69

HV = 0.68 SF = C.C00299 TOTAL DIS = 24120.

DELTA HV = 0.45 HF = 0.64 HT = 1.08

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2524.32	0.	0.0	0.067	0.	0.0
		420.	9.31	0.067	986.	2.34
		3475.	16.69	0.035	23012.	6.62
		129.	2.30	0.065	123.	0.95

HV = 0.65 SF = C.000570 TOTAL DIS = 24120.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2524.50	134.	0.88	0.120	46.	0.34
		3027.	15.30	0.035	23920.	7.90
		211.	2.09	0.110	141.	0.67

HV = 0.96 SF = C.C00912 TOTAL DIS = 24107.

DELTA HV = -0.31 HF = 0.39 HT = 0.24

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2524.50	43.	1.02	0.100	27.	0.64
		2844.	10.21	0.035	24011.	8.44
		72.	1.87	0.100	68.	0.95

HV = 1.10 SF = 0.001785 TOTAL DIS = 24107.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2524.72	158.	1.02	0.100	71.	0.45
		3057.	15.45	0.035	23865.	7.81
		227.	2.24	0.100	171.	0.75

HV = 0.94 SF = 0.000879 TOTAL DIS = 24107.

DELTA HV = 0.17 HF = 0.0 HT = 0.17

PIGECN RIVER 50-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2524.72	158.	1.02	0.100	71.	0.45
		3057.	15.45	0.035	23865.	7.81
		227.	2.24	0.100	171.	0.75

HV = 0.94 SF = 0.000879 TOTAL DIS = 24107.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2527.01	26.	1.58	0.120	12.	0.45
		3412.	15.24	0.035	23747.	6.96
		511.	2.16	0.120	282.	0.55

HV = 0.74 SF = 0.000711 TOTAL DIS = 24040.

DELTA HV = 0.19 HF = 2.10 HT = 2.29

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2527.01	0.	0.0	0.120	0.	0.0
		2314.	8.94	0.035	22814.	9.86
		496.	2.09	0.053	1226.	2.47

HV = 1.44 SF = 0.002908 TOTAL DIS = 24040.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2527.32	31.	1.84	0.120	19.	0.62
		2573.	15.42	0.035	22488.	8.74
		845.	2.72	0.053	1533.	1.81

HV = 1.11 SF = 0.001104 TOTAL DIS = 24040.

DELTA HV = 0.32 HF = 0.0 HT = 0.32

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2527.32	31.	1.84	0.120	19.	0.62
		2573.	15.42	0.035	22488.	8.74
		845.	2.72	0.053	1533.	1.81

HV = 1.11 SF = 0.001104 TOTAL DIS = 24040.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2527.00	0.	0.0	0.068	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.068	0.	0.0
		2553.	14.66	0.035	23455.	9.19
		394.	1.37	0.045	578.	1.47

HV = 1.28 SF = 0.001305 TOTAL DIS = 24033.

DELTA HV = -0.17 HF = 0.32 HT = 0.23

BRIDGE

CRITICAL DEPTH = 2520.40

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2527.55	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		0.	0.0	0.065	0.	0.0
		280.	8.20	0.065	1183.	4.22
		1995.	13.99	0.035	22323.	11.19
		73.	4.02	0.051	245.	3.35
		233.	0.88	0.051	283.	1.21

HV = 1.82 SF = 0.002060 TOTAL DIS = 24033.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2528.25	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		1.	0.03	0.065	0.	0.08
		2664.	15.17	0.035	23159.	8.69
		604.	1.81	0.051	874.	1.45

HV = 1.13 SF = 0.001117 TOTAL DIS = 24033.

DELTA HV = 0.69 HF = 0.0 HT = 0.69

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2528.25	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		1.	0.03	0.065	0.	0.08
		2664.	15.17	0.035	23159.	8.69
		604.	1.81	0.051	874.	1.45

HV = 1.13 SF = 0.001117 TOTAL DIS = 24033.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2530.89	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		366.	2.39	0.074	300.	0.82
		283.	5.43	0.074	400.	1.42
		3510.	17.55	0.035	22956.	6.54
		191.	3.34	0.071	194.	1.07
		274.	0.84	0.071	117.	0.43

HV = 0.64 SF = 0.000520 TOTAL DIS = 23967.

DELTA HV = 0.50 HF = 2.16 HT = 2.66

PIGECN RIVER 50-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2530.89	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		366.	2.39	0.083	268.	0.73
		283.	5.43	0.083	358.	1.27
		3510.	17.55	0.035	23060.	6.57
		181.	3.34	0.079	175.	0.96
		274.	0.84	0.079	105.	0.38

HV = 0.65 SF = 0.000525 TOTAL DIS = 23967.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.500	2532.47	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		192.	1.73	0.074	197.	1.02
		240.	4.61	0.074	472.	1.97
		3265.	16.36	0.048	23020.	7.05
		122.	4.02	0.071	228.	1.87
		13.	0.18	0.071	3.	0.24

HV = 0.74 SF = 0.001249 TOTAL DIS = 23920.

DELTA HV = -0.10 HF = 1.64 HT = 1.59

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.500	2532.47	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		192.	1.73	0.083	197.	1.03
		240.	4.61	0.083	474.	1.97
		3265.	16.36	0.054	23016.	7.05
		122.	4.02	0.079	231.	1.89
		13.	0.18	0.079	3.	0.24

HV = 0.74 SF = 0.001580 TOTAL DIS = 23920.

CRITICAL DEPTH = 2532.07

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2540.27	119.	2.88	0.120	140.	1.17
		2283.	16.98	0.045	23277.	10.20
		384.	3.41	0.154	393.	1.02

HV = 1.58 SF = 0.002184 TOTAL DIS = 23809.

DELTA HV = -0.85 HF = 8.25 HT = 7.83

CRITICAL DEPTH = 2532.07

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2540.27	119.	2.88	0.090	140.	1.17
		2283.	16.98	0.034	23153.	10.14
		384.	3.41	0.088	516.	1.34

HV = 1.55 SF = 0.001234 TOTAL DIS = 23809.

PIGION RIVER 50-YR FLD 150' IMP CHAN 10-1-76 SAS

CRITICAL DEPTH = 2541.19

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2550.19	692.	4.83	0.064	1974.	2.85
		1834.	19.92	0.043	20034.	10.92
		475.	8.69	0.084	1529.	3.22

HV = 1.60 SF = 0.001850 TOTAL DIS = 23537.

DELTA HV = -0.04 HF = 9.93 HT = 9.91

CRITICAL DEPTH = 2541.19

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2550.19	692.	4.83	0.072	1962.	2.84
		1834.	19.92	0.048	20064.	10.94
		475.	8.69	0.095	1511.	3.18

HV = 1.60 SF = 0.002212 TOTAL DIS = 23537.

CRITICAL DEPTH = 2563.46

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2570.47	222.	7.54	0.060	1137.	5.13
		985.	19.80	0.044	13108.	13.31
		2285.	11.65	0.105	8954.	3.92

HV = 1.67 SF = 0.002900 TOTAL DIS = 23199.

DELTA HV = -0.06 HF = 20.37 HT = 20.33

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2570.47	222.	7.54	0.060	966.	4.36
		985.	19.80	0.040	12249.	12.44
		2285.	11.65	0.080	9984.	4.37

HV = 1.41 SF = 0.002093 TOTAL DIS = 23199.

CRITICAL DEPTH = 2571.24

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2576.04	100.	1.57	0.060	135.	1.34
		1953.	13.61	0.029	22847.	11.70
		102.	0.77	0.080	64.	0.62

HV = 2.11 SF = 0.001605 TOTAL DIS = 23046.

DELTA HV = -0.70 HF = 6.54 HT = 6.19

CRITICAL DEPTH = 2571.24

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2576.04	100.	1.57	0.061	101.	1.00
		1953.	13.61	0.022	22893.	11.72
		102.	0.77	0.074	52.	0.51

HV = 2.12 SF = 0.000927 TOTAL DIS = 23046.

PIGEON RIVER 50-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2578.50	1147.	3.35	0.061	1445.	1.26
		2424.	13.14	0.022	21055.	8.69
		0.	0.0	0.072	0.	0.0

HV = 1.10 SF = 0.000533 TOTAL DIS = 22500.

DELTA HV = 1.02 HF = 0.85 HT = 1.87

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2578.50	1037.	3.83	0.057	3451.	3.33
		1889.	8.84	0.034	18399.	9.74
		171.	4.09	0.052	650.	3.81
		0.	0.0	0.052	0.	0.0

HV = 1.24 SF = 0.002720 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2578.83	1261.	3.65	0.057	2538.	2.01
		2482.	13.43	0.034	19962.	8.04
		0.	0.0	0.052	0.	0.0

HV = 0.90 SF = 0.001061 TOTAL DIS = 22500.

DELTA HV = 0.34 HF = 0.0 HT = 0.34

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2578.83	1261.	3.65	0.057	2538.	2.01
		2482.	13.43	0.034	19962.	8.04
		0.	0.0	0.052	0.	0.0

HV = 0.90 SF = 0.001061 TOTAL DIS = 22500.

CRITICAL DEPTH = 2574.68

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2580.25	0.	0.0	0.050	0.	0.0
		2228.	12.17	0.034	22500.	10.10
		0.	0.0	0.053	0.	0.0

HV = 1.58 SF = 0.001907 TOTAL DIS = 22500.

DELTA HV = -0.69 HF = 1.80 HT = 1.46

BRIDGE

PIGION RIVER 50-YR FLD 150' IMP CHAN 10-1-76 SAS

CRITICAL DEPTH = 2575.20

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2580.28	0.	0.0	0.055	0.	0.0
		29.	1.27	0.055	51.	1.77
		1749.	7.91	0.026	22222.	12.72
		93.	2.79	0.068	226.	2.43
		0.	0.0	0.068	0.	0.0

HV = 2.48 SF = 0.003141 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2581.43	0.	0.0	0.055	0.	0.0
		2435.	12.84	0.026	22474.	9.23
		64.	0.52	0.068	26.	0.41

HV = 1.32 SF = 0.000867 TOTAL DIS = 22500.

DELTA HV = 1.16 HF = 0.0 HT = 1.16

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2581.43	0.	0.0	0.055	0.	0.0
		2435.	12.84	0.026	22474.	9.23
		64.	0.52	0.068	26.	0.41

HV = 1.32 SF = 0.000867 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2583.38	942.	2.36	0.057	1123.	1.19
		2721.	12.31	0.026	21377.	7.86
		0.	0.0	0.065	0.	0.0

HV = 0.91 SF = 0.000665 TOTAL DIS = 22500.

DELTA HV = 0.41 HF = 1.54 HT = 1.95

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2583.38	0.	0.0	0.078	0.	0.0
		62.	2.30	0.078	172.	2.75
		2425.	7.99	0.056	21355.	8.81
		402.	2.71	0.099	973.	2.42
		0.	0.0	0.099	0.	0.0

HV = 1.15 SF = 0.006899 TOTAL DIS = 22500.

PIGECN RIVER 50-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2583.76	1096.	2.72	0.078	2061.	1.88
		2803.	12.63	0.056	20438.	7.29
		0.	0.08	0.099	0.	0.14

HV = 0.75 SF = 0.002567 TOTAL DIS = 22500.

DELTA HV = 0.39 HF = 0.0 HT = 0.39

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2583.76	1096.	2.72	0.078	2061.	1.88
		2803.	12.63	0.056	20438.	7.29
		0.	0.08	0.099	0.	0.14

HV = 0.75 SF = 0.002567 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2584.69	0.	0.0	0.077	0.	0.0
		2648.	12.71	0.056	22500.	8.50
		0.	0.0	0.099	0.	0.0

HV = 1.2 SF = 0.003456 TOTAL DIS = 22500.

DELTA HV = -0.37 HF = 1.11 HT = 0.93

BRIDGE

CRITICAL DEPTH = 2578.40

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2584.69	0.	0.0	0.092	0.	0.0
		2264.	7.93	0.021	22500.	9.94
		0.	0.0	0.099	0.	0.0

HV = 1.53 SF = 0.001246 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2585.17	0.	0.0	0.092	0.	0.0
		2737.	13.08	0.021	22500.	8.22
		0.	0.0	0.099	0.	0.0

HV = 1.05 SF = 0.000438 TOTAL DIS = 22500.

DELTA HV = 0.48 HF = 0.0 HT = 0.48

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2585.17	0.	0.0	0.092	0.	0.0
		2737.	13.08	0.021	22500.	8.22
		0.	0.0	0.099	0.	0.0

HV = 1.05 SF = 0.000438 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2585.22	398.	2.59	0.060	543.	1.36
		2246.	15.67	0.028	21796.	9.70
		159.	4.70	0.120	161.	1.01

HV = 1.42 SF = 0.000853 TOTAL DIS = 22500.

DELTA HV = -0.37 HF = 0.24 HT = 0.05

BRIDGE

CRITICAL DEPTH = 2578.80

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2585.22	0.	0.0	0.118	0.	0.0
		202.	4.20	0.118	660.	3.26
		2105.	3.55	0.034	21292.	10.11
		159.	4.70	0.120	549.	3.45
		0.	0.0	0.120	0.	0.0

HV = 1.51 SF = 0.009901 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2585.29	409.	2.21	0.118	311.	0.76
		2256.	15.73	0.034	21990.	9.75
		161.	4.73	0.120	199.	1.24

HV = 1.44 SF = 0.001263 TOTAL DIS = 22500.

DELTA HV = 0.07 HF = 0.0 HT = 0.07

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2585.29	409.	2.21	0.118	311.	0.76
		2256.	15.73	0.034	21990.	9.75
		161.	4.73	0.120	199.	1.24

HV = 1.44 SF = 0.001263 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2587.29	945.	2.67	0.087	1277.	1.35
		2080.	14.64	0.037	20558.	9.88
		484.	2.89	0.090	666.	1.38

HV = 1.59 SF = 0.001690 TOTAL DIS = 22500.

DELTA HV = 0.06 HF = 1.95 HT = 2.00

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2587.29	945.	2.67	0.090	1541.	1.63
		2080.	14.64	0.047	20211.	9.71
		484.	2.89	0.100	748.	1.55

HV = 1.32 SF = 0.002636 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2589.69	0.	0.0	0.090	0.	0.0
		237.	0.82	0.090	154.	0.65
		253.	5.64	0.090	594.	2.35
		2292.	15.78	0.047	20487.	8.94
		820.	3.51	0.100	1264.	1.54

HV = 1.13 SF = 0.002019 TOTAL DIS = 22500.

DELTA HV = 0.19 HF = 2.21 HT = 2.40

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2589.69	0.	0.0	0.052	0.	0.0
		237.	0.82	0.052	207.	0.87
		253.	5.64	0.080	518.	2.05
		2292.	15.78	0.037	20145.	8.75
		820.	3.51	0.060	1631.	1.99

HV = 1.08 SF = 0.001210 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2589.76	362.	1.32	0.065	352.	0.97
		579.	6.86	0.100	1100.	1.90
		2192.	16.55	0.037	20239.	9.23
		454.	4.05	0.075	809.	1.78

HV = 1.20 SF = 0.001253 TOTAL DIS = 22500.

DELTA HV = -0.12 HF = 0.13 HT = 0.07

BRIDGE

CRITICAL DEPTH = 2584.20

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2589.76	216.	0.97	0.067	415.	1.92
		261.	5.28	0.100	1036.	3.97
		1915.	9.22	0.053	20821.	10.87
		57.	3.44	0.075	228.	3.98
		0.	0.0	0.075	0.	0.0

HV = 1.71 SF = 0.007773 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2589.81	686.	1.81	0.067	870.	1.27
		666.	7.70	0.100	1485.	2.23
		2337.	17.67	0.053	17102.	7.32
		975.	8.29	0.075	3043.	3.12

HV = 0.66 SF = 0.001479 TOTAL DIS = 22500.

DELTA HV = 1.05 HF = 0.0 HT = 1.05

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2590.81	686.	1.81	0.067	870.	1.27
		666.	7.70	0.100	1485.	2.23
		2337.	17.67	0.053	17102.	7.32
		975.	8.29	0.075	3043.	3.12

HV = 0.66 SF = 0.001479 TOTAL DIS = 22500.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2592.18	2004.	6.98	0.116	3721.	1.86
		2552.	16.26	0.053	18216.	7.14
		273.	4.25	0.075	563.	2.06

HV = 0.65 SF = 0.001574 TOTAL DIS = 22500.

DELTA HV = 0.01 HF = 1.37 HT = 1.38

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2592.18	2004.	6.98	0.087	4239.	2.12
		2552.	16.26	0.046	17933.	7.03
		273.	4.25	0.110	328.	1.20

HV = 0.62 SF = 0.001149 TOTAL DIS = 22500.

CRITICAL DEPTH = 2587.92

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2593.92	141.	5.86	0.080	445.	3.15
		1546.	16.15	0.046	16651.	10.77
		505.	13.40	0.046	4807.	9.51
		236.	6.79	0.110	597.	2.53

HV = 1.64 SF = 0.002724 TOTAL DIS = 22500.

DELTA HV = -1.01 HF = 2.25 HT = 1.74

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2593.92	0.	0.0	0.115	0.	0.0
		2429.	7.03	0.022	21014.	8.65
		185.	6.30	0.022	1486.	8.04
		0.	0.0	0.115	0.	0.0

HV = 1.15 SF = 0.001218 TOTAL DIS = 22500.

CRITICAL DEPTH = 2587.97

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2593.92	141.	5.86	0.115	152.	1.08
		1546.	16.15	0.022	17124.	11.08
		505.	13.40	0.022	4943.	9.78
		236.	6.79	0.115	281.	1.19

HV = 1.78 SF = 0.000659 TOTAL DIS = 22500.

DELTA HV = -0.63 HF = 0.0 HT = -0.31

CRITICAL DEPTH = 2587.92

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2593.92	141.	5.86	0.115	152.	1.08
		1546.	16.15	0.022	17124.	11.08
		505.	13.40	0.022	4943.	9.78
		236.	6.79	0.115	281.	1.19

HV = 1.78 SF = 0.000659 TOTAL DIS = 22500.

CRITICAL DEPTH = 2591.45

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2595.05	0.	0.0	0.077	0.	0.0
		1781.	12.02	0.023	22196.	12.46
		170.	5.39	0.102	279.	1.65
		50.	0.89	0.102	25.	0.50

HV = 2.38 SF = 0.001351 TOTAL DIS = 22500.

DELTA HV = -0.60 HF = 1.43 HT = 1.13

BRIDGE

CRITICAL DEPTH = 2592.20

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2595.05	0.	0.0	0.077	0.	0.0
		1802.	6.48	0.023	22500.	12.49
		0.	0.0	0.095	0.	0.0

HV = 2.42 SF = 0.003096 TOTAL DIS = 22500.

CRITICAL DEPTH = 2591.49

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2595.09	0.	0.0	0.077	0.	0.0
		1787.	12.05	0.023	22205.	12.43
		171.	5.43	0.110	261.	1.53
		53.	0.93	0.080	34.	0.65

HV = 2.37 SF = 0.001339 TOTAL DIS = 22500.

DELTA HV = 0.05 HF = 0.0 HT = 0.05

PIGEDN RIVER 50-YR FLD 150' IMP CHAN 10-1-76 SAS

CRITICAL DEPTH = 2591.49

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2595.09	0.	0.0	0.077	0.	0.0
		1787.	12.05	0.023	22205.	12.43
		171.	5.43	0.110	261.	1.53
		53.	0.93	0.080	34.	0.65

HV = 2.37 SF = 0.001339 TOTAL DIS = 22500.

CRITICAL DEPTH = 2597.50

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
65.000	2597.50	36.	0.70	0.067	33.	0.94
		420.	4.89	0.067	1442.	3.43
		1129.	12.27	0.023	20826.	18.45
		85.	3.15	0.073	199.	2.35

HV = 4.90 SF = 0.002880 TOTAL DIS = 22500.

DELTA HV = -2.54 HF = 2.45 HT = 1.18

PIGEEEN RIVER 100-YR FLOOD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.700	2525.50	138.	2.76	0.120	76.	0.55
		3114.	18.67	0.025	29511.	9.48
		956.	6.44	0.110	1013.	1.06

HV = 1.35 SF = 0.000513 TOTAL DIS = 30600.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2526.74	71.	0.79	0.067	23.	0.33
		519.	11.07	0.067	992.	1.91
		3971.	19.07	0.025	29249.	7.37
		298.	3.43	0.065	269.	0.90

HV = 0.81 SF = 0.000301 TOTAL DIS = 30533.

DELTA HV = 0.54 HF = 0.65 HT = 1.18

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2526.74	71.	0.79	0.067	32.	0.45
		519.	11.07	0.067	1366.	2.63
		3971.	19.07	0.035	28764.	7.24
		298.	3.43	0.065	371.	1.24

HV = 0.77 SF = 0.000571 TOTAL DIS = 30533.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2526.97	543.	2.89	0.120	404.	0.74
		3484.	17.61	0.035	29622.	8.50
		459.	4.30	0.110	485.	1.06

HV = 1.09 SF = 0.000876 TOTAL DIS = 30511.

DELTA HV = -0.52 HF = 0.38 HT = 0.22

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2526.97	151.	3.09	0.100	205.	1.36
		3280.	11.19	0.035	30048.	9.16
		172.	3.57	0.100	258.	1.50

HV = 1.28 SF = 0.001859 TOTAL DIS = 30511.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2527.20	588.	3.07	0.100	531.	0.90
		3529.	17.84	0.035	29415.	8.34
		484.	4.51	0.100	565.	1.17

HV = 1.04 SF = 0.000827 TOTAL DIS = 30511.

DELTA HV = 0.24 HF = 0.0 HT = 0.24

PIGEON RIVER 100-YR FLOOD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2527.20	588.	3.07	0.100	531.	0.90
		3529.	17.84	0.035	29415.	8.34
		484.	4.51	0.100	565.	1.17

HV = 1.04 SF = 0.000827 TOTAL DIS = 30511.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2529.40	209.	1.12	0.120	73.	0.35
		3928.	17.41	0.035	29407.	7.49
		1176.	3.73	0.120	920.	0.78

HV = 0.84 SF = 0.000689 TOTAL DIS = 30400.

DELTA HV = 0.20 HF = 2.00 HT = 2.20

BRIDGE

CRITICAL DEPTH = 2521.40

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2529.40	145.	0.86	0.120	100.	0.69
		2311.	8.76	0.035	25677.	11.11
		1205.	3.31	0.053	4623.	3.84

HV = 1.05 SF = 0.003791 TOTAL DIS = 30400.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2530.00	323.	1.73	0.120	172.	0.53
		3000.	17.98	0.035	26086.	8.70
		1791.	4.60	0.053	4141.	2.31

HV = 1.02 SF = 0.000891 TOTAL DIS = 30400.

DELTA HV = 0.63 HF = 0.0 HT = 0.63

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2530.00	323.	1.73	0.120	172.	0.53
		3000.	17.98	0.035	26086.	8.70
		1791.	4.60	0.053	4141.	2.31

HV = 1.02 SF = 0.000891 TOTAL DIS = 30400.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2530.21	0.	0.0	0.068	0.	0.0
		0.	0.0	0.0	0.	0.0
		107.	1.40	0.068	94.	0.88
		2990.	17.03	0.035	27146.	9.08
		1347.	3.24	0.045	3149.	2.34

HV = 1.15 SF = 0.001044 TOTAL DIS = 30389.

DELTA HV = -0.13 HF = 0.26 HT = 0.19

BRIDGE

CRITICAL DEPTH = 2522.40

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2530.21	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		91.	1.12	0.065	102.	1.12
		329.	8.92	0.065	1465.	4.45
		2191.	14.97	0.035	25581.	11.68
		85.	4.08	0.051	287.	3.37
		1141.	2.75	0.051	2953.	2.59

HV = 1.81 SF = 0.002049 TOTAL DIS = 30389.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2531.01	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		176.	1.69	0.065	169.	0.96
		3122.	17.78	0.035	26673.	8.54
		1689.	3.81	0.051	3547.	2.10

HV = 1.00 SF = 0.000873 TOTAL DIS = 30389.

DELTA HV = 0.81 HF = 0.0 HT = 0.81

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2531.01	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		176.	1.69	0.065	169.	0.96
		3122.	17.78	0.035	26673.	8.54
		1689.	3.81	0.051	3547.	2.10

HV = 1.00 SF = 0.000873 TOTAL DIS = 30389.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2533.15	237.	1.51	0.065	157.	0.66
		0.	0.0	0.0	0.	0.0
		739.	4.40	0.074	879.	1.19
		400.	7.70	0.074	691.	1.73
		3952.	19.76	0.035	27040.	6.84
		303.	5.26	0.071	423.	1.40
		1263.	2.55	0.071	1087.	0.86

HV = 0.65 SF = 0.000486 TOTAL DIS = 30278.

DELTA HV = 0.35 HF = 1.79 HT = 2.15

PIGECN RIVER 100-YR FLOOD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	ARFA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2533.15	237.	1.51	0.065	159.	0.67
		0.	0.0	0.0	0.	0.0
		739.	4.40	0.083	792.	1.07
		400.	7.70	0.083	623.	1.56
		3952.	19.76	0.035	27332.	6.92
		303.	5.26	0.079	385.	1.27
		1263.	2.55	0.079	987.	0.78

HV = 0.67 SF = 0.000497 TOTAL DIS = 30278.

MILE	ELEVATION	ARFA	HYD RAD	N	DISCHARGE	VELOCITY
58.500	2534.04	102.	0.77	0.065	68.	0.66
		0.	0.0	0.0	0.	0.0
		505.	3.03	0.074	733.	1.45
		353.	6.78	0.074	877.	2.48
		3689.	18.48	0.048	27553.	7.47
		227.	4.04	0.071	415.	1.83
		605.	1.43	0.071	554.	0.92

HV = 0.79 SF = 0.001191 TOTAL DIS = 30200.

DELTA HV = -0.12 HF = 1.56 HT = 1.50

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.500	2534.04	102.	0.77	0.065	76.	0.74
		0.	0.0	0.0	0.	0.0
		505.	3.03	0.083	734.	1.45
		353.	6.78	0.083	879.	2.49
		3689.	18.48	0.054	27531.	7.46
		227.	4.04	0.079	420.	1.85
		605.	1.43	0.079	560.	0.93

HV = 0.79 SF = 0.001505 TOTAL DIS = 30200.

CRITICAL DEPTH = 2533.85

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2542.45	215.	4.51	0.120	350.	1.63
		2551.	18.98	0.045	28884.	11.32
		723.	3.55	0.154	782.	1.08

HV = 1.92 SF = 0.002322 TOTAL DIS = 30016.

DELTA HV = -1.12 HF = 8.38 HT = 7.82

CRITICAL DEPTH = 2533.85

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2542.45	215.	4.51	0.090	349.	1.63
		2551.	18.98	0.034	28641.	11.23
		723.	3.55	0.088	1025.	1.42

HV = 1.87 SF = 0.001303 TOTAL DIS = 30016.

PIGEEON RIVER 100-YR FLOOD 150' IMP CHAN 10-1-76 SAS

CRITICAL DEPTH = 2544.23

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2552.63	1078.	6.10	0.064	3555.	3.30
		2058.	22.35	0.043	24018.	11.67
		604.	9.92	0.084	2098.	3.48

HV = 1.75 SF = 0.001811 TOTAL DIS = 29671.

DELTA HV = 0.12 HF = 10.03 HT = 10.16

CRITICAL DEPTH = 2544.23

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2552.63	1078.	6.10	0.072	3534.	3.28
		2058.	22.35	0.048	24062.	11.69
		604.	9.92	0.095	2075.	3.44

HV = 1.75 SF = 0.002266 TOTAL DIS = 29671.

CRITICAL DEPTH = 2564.70

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2572.90	295.	8.54	0.060	1594.	5.60
		1099.	22.10	0.044	15812.	14.39
		2774.	13.17	0.105	11843.	4.27

HV = 1.60 SF = 0.002926 TOTAL DIS = 29249.

DELTA HV = -0.12 HF = 20.28 HT = 20.22

CRITICAL DEPTH = 2564.30

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2572.90	285.	8.54	0.060	1350.	4.74
		1099.	22.10	0.040	14732.	13.41
		2774.	13.17	0.080	13166.	4.75

HV = 1.58 SF = 0.002099 TOTAL DIS = 29249.

CRITICAL DEPTH = 2573.12

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2578.92	290.	2.92	0.060	569.	1.96
		2262.	15.43	0.029	27818.	12.30
		538.	2.28	0.080	670.	1.25

HV = 2.25 SF = 0.001500 TOTAL DIS = 29057.

DELTA HV = -0.67 HF = 6.37 HT = 6.03

PIGECN RIVER 100-YR FLOOD 150' IMP CHAN 10-1-76 SAS

CRITICAL DEPTH = 2573.12

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2578.92	290.	2.92	0.061	428.	1.47
		2262.	15.43	0.022	28074.	12.41
		538.	2.28	0.074	555.	1.03

HV = 2.51 SF = 0.000879 TOTAL DIS = 29057.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2580.95	2014.	5.53	0.061	3203.	1.59
		2860.	15.24	0.022	24797.	8.67
		0.	0.0	0.072	0.	0.0

HV = 1.04 SF = 0.000436 TOTAL DIS = 28000.

DELTA HV = 1.27 HF = 0.76 HT = 2.04

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2580.95	1740.	5.83	0.057	7964.	4.58
		1893.	8.75	0.034	19048.	10.00
		226.	4.73	0.052	988.	4.37
		0.	0.0	0.052	0.	0.0

HV = 1.17 SF = 0.002941 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2581.34	2155.	5.86	0.057	5212.	2.42
		2929.	15.56	0.034	22788.	7.78
		0.	0.0	0.052	0.	0.0

HV = 0.78 SF = 0.000815 TOTAL DIS = 28000.

DELTA HV = 0.39 HF = 0.0 HT = 0.39

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2581.34	2155.	5.86	0.057	5212.	2.42
		2929.	15.56	0.034	22788.	7.78
		0.	0.0	0.052	0.	0.0

HV = 0.78 SF = 0.000815 TOTAL DIS = 28000.

CRITICAL DEPTH = 2576.26

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2582.46	0.	0.0	0.050	0.	0.0
		2624.	13.58	0.034	27664.	10.54
		255.	1.17	0.053	336.	1.32

HV = 1.71 SF = 0.001795 TOTAL DIS = 28000.

DELTA HV = -0.92 HF = 1.58 HT = 1.12

BRIDGE

PIGEON RIVER 100-YR FLOOD 150' IMP CHAN 10-1-76 SAS

CRITICAL DEPTH = 2576.80

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2582.46	1.	0.06	0.055	0.	0.28
		28.	1.12	0.055	57.	2.03
		1748.	7.91	0.026	27677.	15.84
		93.	2.55	0.068	263.	2.85
		13.	0.06	0.068	3.	0.22

HV = 3.85 SF = 0.004872 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2585.21	0.	0.0	0.055	0.	0.0
		3152.	15.55	0.026	26888.	8.53
		866.	3.84	0.068	1112.	1.28

HV = 1.09 SF = 0.000574 TOTAL DIS = 28000.

DELTA HV = 2.76 HF = 0.0 HI = 2.76

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2585.21	0.	0.0	0.055	0.	0.0
		3152.	15.55	0.026	26888.	8.53
		866.	3.84	0.068	1112.	1.28

HV = 1.09 SF = 0.000574 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2586.60	2321.	4.76	0.057	3500.	1.51
		3414.	15.14	0.026	24415.	7.15
		139.	1.50	0.065	85.	0.61

HV = 0.70 SF = 0.000418 TOTAL DIS = 28000.

DELTA HV = 0.39 HF = 1.00 HT = 1.38

BRIDGE

CRITICAL DEPTH = 2578.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2586.60	0.	0.0	0.078	0.	0.0
		127.	2.53	0.078	443.	3.49
		2455.	8.08	0.056	25888.	10.54
		547.	2.96	0.099	1670.	3.05
		0.	0.0	0.099	0.	0.0

HV = 1.61 SF = 0.009734 TOTAL DIS = 28000.

PIGEON RIVER 100-YR FLOOD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2587.76	2918.	5.24	0.078	5899.	2.02
		3665.	16.16	0.056	21871.	5.97
		267.	2.08	0.099	229.	0.86

HV = 0.45 SF = 0.001238 TOTAL DIS = 28000.

DELTA HV = 1.16 HF = 0.0 HT = 1.16

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2587.76	2918.	5.24	0.078	5899.	2.02
		3665.	16.16	0.056	21871.	5.97
		267.	2.08	0.099	229.	0.86

HV = 0.45 SF = 0.001238 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2588.15	28.	0.13	0.077	7.	0.25
		3298.	15.34	0.056	27769.	8.42
		300.	0.95	0.099	224.	0.74

HV = 1.09 SF = 0.002641 TOTAL DIS = 28000.

DELTA HV = -0.65 HF = 0.72 HT = 0.39

BRIDGE

CRITICAL DEPTH = 2579.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2588.15	28.	0.13	0.092	5.	0.18
		2248.	7.67	0.021	27799.	12.37
		300.	0.95	0.099	196.	0.65

HV = 2.36 SF = 0.002018 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2589.80	664.	1.32	0.092	215.	0.32
		3571.	16.61	0.021	27445.	7.69
		763.	2.38	0.099	340.	0.45

HV = 0.90 SF = 0.000278 TOTAL DIS = 28000.

DELTA HV = 1.46 HF = 0.0 HT = 1.46

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2589.80	664.	1.32	0.092	215.	0.32
		3571.	16.61	0.021	27445.	7.69
		763.	2.38	0.099	340.	0.45

HV = 0.90 SF = 0.000278 TOTAL DIS = 28000.

PIGFCN RIVER 100-YR FLCOD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2589.68	1974.	4.74	0.060	3043.	1.54
		2862.	19.96	0.028	24659.	8.62
		730.	1.83	0.120	298.	0.41

HV = 1.02 SF = 0.000487 TOTAL DIS = 28000.

DELTA HV = -0.12 HF = 0.14 HT = 0.08

BRIDGE

CRITICAL DEPTH = 2580.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2589.68	1165.	3.14	0.118	3339.	2.87
		230.	3.80	0.118	650.	3.25
		2115.	3.56	0.034	22886.	10.82
		162.	3.95	0.120	532.	3.29
		412.	1.14	0.120	592.	1.44

HV = 1.51 SF = 0.011260 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2590.12	2159.	5.08	0.118	2138.	0.99
		2922.	20.38	0.034	25356.	8.68
		909.	2.20	0.120	506.	0.56

HV = 1.00 SF = 0.000708 TOTAL DIS = 28000.

DELTA HV = 0.40 HF = 0.0 HT = 0.45

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2590.12	2159.	5.08	0.118	2138.	0.99
		2922.	20.38	0.034	25356.	8.68
		909.	2.20	0.120	506.	0.56

HV = 1.00 SF = 0.000708 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2591.39	2684.	5.54	0.087	4223.	1.57
		2629.	18.50	0.037	21731.	8.27
		1173.	6.80	0.090	2045.	1.74

HV = 0.83 SF = 0.000866 TOTAL DIS = 28000.

DELTA HV = 0.23 HF = 1.04 HT = 1.27

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2591.39	2684.	5.54	0.090	4963.	1.85
		2629.	18.50	0.047	20799.	7.91
		1173.	6.80	0.100	2238.	1.91

HV = 0.74 SF = 0.001279 TOTAL DIS = 28000.

PIGECN RIVER 100-YR FLOOD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2592.60	52.	0.35	0.090	16.	0.31
		1442.	3.07	0.090	1879.	1.30
		446.	5.82	0.090	890.	2.00
		2699.	18.58	0.047	22390.	8.30
		1519.	6.12	0.100	2826.	1.86

HV = 0.86 SF = 0.001399 TOTAL DIS = 28000.

DELTA HV = -0.13 HF = 1.27 HT = 1.21

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2592.60	52.	0.35	0.052	20.	0.40
		1442.	3.07	0.052	2433.	1.69
		446.	5.82	0.080	749.	1.68
		2699.	18.58	0.037	21275.	7.88
		1519.	6.12	0.060	3523.	2.32

HV = 0.75 SF = 0.000783 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2592.60	1538.	2.58	0.065	2040.	1.33
		817.	9.39	0.100	1667.	2.04
		2550.	19.25	0.037	22685.	8.90
		790.	6.08	0.075	1608.	2.04

HV = 1.01 SF = 0.000951 TOTAL DIS = 28000.

DELTA HV = -0.26 HF = 0.09 HT = -0.04

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2592.60	1170.	2.27	0.067	3427.	2.93
		365.	6.09	0.100	1386.	3.79
		2256.	10.17	0.053	22730.	10.08
		107.	4.70	0.075	455.	4.26
		2.	0.15	0.075	1.	0.43

HV = 1.31 SF = 0.005863 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2593.30	1989.	3.33	0.067	3353.	1.69
		880.	10.13	0.100	2085.	2.37
		2658.	20.10	0.053	18761.	7.06
		1294.	9.09	0.075	3801.	2.94

HV = 0.55 SF = 0.001159 TOTAL DIS = 28000.

DELTA HV = 0.76 HF = 0.0 HT = 0.76

PIGEON RIVER 100-YR FLOOD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2593.36	1989.	3.33	0.067	3353.	1.69
		880.	10.13	0.100	2085.	2.37
		2658.	20.10	0.053	18761.	7.06
		1294.	9.09	0.075	3801.	2.94

HV = 0.55 SF = 0.001159 TOTAL DIS = 28000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2594.46	2685.	8.42	0.116	5424.	2.02
		2893.	18.43	0.053	21563.	7.45
		437.	5.38	0.075	1013.	2.32

HV = 0.68 SF = 0.001451 TOTAL DIS = 28000.

DELTA HV = -0.13 HF = 1.17 HT = 1.11

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2594.46	2685.	8.42	0.087	6180.	2.30
		2893.	18.43	0.046	21230.	7.34
		437.	5.38	0.110	590.	1.35

HV = 0.65 SF = 0.001060 TOTAL DIS = 28000.

CRITICAL DEPTH = 2589.42

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2596.02	184.	6.63	0.080	635.	3.46
		1741.	18.19	0.046	20419.	11.73
		583.	15.46	0.046	6136.	10.52
		307.	7.17	0.110	810.	2.63

HV = 1.94 SF = 0.002754 TOTAL DIS = 28000.

DELTA HV = -1.29 HF = 2.22 HT = 1.57

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2596.02	0.	0.0	0.115	0.	0.0
		2768.	7.49	0.022	26119.	9.43
		233.	5.94	0.022	1881.	8.09
		0.	0.0	0.115	0.	0.0

HV = 1.36 SF = 0.001332 TOTAL DIS = 28000.

CRITICAL DEPTH = 2589.39

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2596.02	184.	6.68	0.115	218.	1.19
		1741.	18.19	0.022	21069.	12.10
		583.	15.46	0.022	6331.	10.86
		307.	7.17	0.115	382.	1.24

HV = 2.12 SF = 0.000671 TOTAL DIS = 28000.

DELTA HV = -0.77 HF = 0.0 HT = -0.38

CRITICAL DEPTH = 2589.42

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2596.02	184.	6.68	0.115	218.	1.19
		1741.	18.19	0.022	21069.	12.10
		583.	15.46	0.022	6331.	10.86
		307.	7.17	0.115	382.	1.24

HV = 2.12 SF = 0.000671 TOTAL DIS = 28000.

CRITICAL DEPTH = 2592.97

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2597.17	0.	0.0	0.077	0.	0.0
		2086.	13.48	0.023	27353.	13.11
		233.	7.41	0.102	463.	1.98
		187.	2.58	0.102	183.	0.98

HV = 2.61 SF = 0.001283 TOTAL DIS = 28000.

DELTA HV = -0.48 HF = 1.39 HT = 1.15

BRIDGE

CRITICAL DEPTH = 2593.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2597.17	0.	0.0	0.077	0.	0.0
		2054.	6.90	0.023	28000.	13.63
		0.	0.0	0.095	0.	0.0

HV = 2.89 SF = 0.003390 TOTAL DIS = 28000.

CRITICAL DEPTH = 2593.01

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2597.01	2.	0.20	0.077	0.	0.23
		2150.	13.78	0.023	27269.	12.68
		246.	7.83	0.110	448.	1.82
		219.	2.89	0.080	282.	1.29

HV = 2.45 SF = 0.001167 TOTAL DIS = 28000.

DELTA HV = 0.45 HF = 0.0 HT = 0.45

CRITICAL DEPTH = 2593.01

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2597.61	2.	0.20	0.077	0.	0.23
		2150.	13.78	0.023	27269.	12.68
		246.	7.83	0.110	448.	1.82
		219.	2.89	0.080	282.	1.29

HV = 2.43 SF = 0.001167 TOTAL DIS = 28000.

CRITICAL DEPTH = 2599.54

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
65.000	2599.54	214.	1.72	0.067	343.	1.60
		602.	6.37	0.067	2317.	3.85
		1306.	14.20	0.023	24954.	19.11
		146.	4.14	0.073	386.	2.65

HV = 5.07 SF = 0.002544 TOTAL DIS = 28000.

DELTA HV = -2.04 HF = 2.16 HT = 0.84

CRITICAL DEPTH = 2518.83

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
56.700	2529.23	379.	4.59	0.120	301.	0.79
		3708.	22.24	0.025	40539.	10.93
		1547.	8.72	0.110	2059.	1.33

HV = 1.75 SF = 0.000541 TOTAL DIS = 42900.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2530.63	421.	4.50	0.067	445.	1.06
		678.	14.48	0.067	1560.	2.30
		4769.	22.90	0.025	39902.	8.37
		746.	5.20	0.065	893.	1.20

HV = 1.02 SF = 0.000305 TOTAL DIS = 42800.

DELTA HV = 0.74 HF = 0.67 HT = 1.41

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.000	2530.63	421.	4.50	0.067	606.	1.44
		678.	14.48	0.067	2127.	3.13
		4769.	22.90	0.035	38850.	8.15
		746.	5.20	0.065	1218.	1.63

HV = 0.94 SF = 0.000566 TOTAL DIS = 42800.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2530.83	1393.	5.29	0.120	1517.	1.09
		4218.	21.32	0.035	39907.	9.46
		885.	7.62	0.110	1342.	1.52

HV = 1.30 SF = 0.000840 TOTAL DIS = 42767.

DELTA HV = -0.35 HF = 0.37 HT = 0.19

BRIDGE

CRITICAL DEPTH = 2520.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2530.83	347.	5.68	0.100	741.	2.13
		3983.	17.59	0.035	41280.	10.37
		350.	5.68	0.100	746.	2.13

HV = 1.61 SF = 0.002034 TOTAL DIS = 42767.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2531.24	1503.	5.48	0.100	1921.	1.28
		4295.	21.71	0.035	39316.	9.15
		932.	7.96	0.100	1529.	1.64

HV = 1.20 SF = 0.000767 TOTAL DIS = 42767.

DELTA HV = 0.41 HF = 0.0 HT = 0.41

PIGEON RIVER 500-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.100	2531.24	1503.	5.48	0.100	1921.	1.28
		4295.	21.71	0.035	39316.	9.15
		932.	7.96	0.100	1529.	1.64

HV = 1.20 SF = 0.000767 TOTAL DIS = 42767.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2533.33	935.	4.90	0.120	839.	0.90
		4777.	21.18	0.035	39016.	8.17
		2634.	6.13	0.120	2745.	1.04

HV = 0.95 SF = 0.000632 TOTAL DIS = 42600.

DELTA HV = 0.25 HF = 1.85 HT = 2.10

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2533.33	812.	4.60	0.120	1587.	1.96
		2461.	9.11	0.035	26044.	10.59
		2854.	5.93	0.053	14970.	5.25

HV = 1.22 SF = 0.003263 TOTAL DIS = 42600.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2533.55	975.	5.10	0.120	994.	1.02
		3556.	21.31	0.035	32253.	9.07
		3343.	6.81	0.053	9353.	2.80

HV = 0.99 SF = 0.000772 TOTAL DIS = 42600.

DELTA HV = 0.22 HF = 0.0 HT = 0.22

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.600	2533.55	975.	5.10	0.120	994.	1.02
		3556.	21.31	0.035	32253.	9.07
		3343.	6.81	0.053	9353.	2.80

HV = 0.99 SF = 0.000772 TOTAL DIS = 42600.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2533.74	0.	0.0	0.068	0.	0.0
		0.	0.0	0.0	0.	0.0
		560.	3.81	0.068	861.	1.54
		3573.	20.34	0.035	32602.	9.13
		3030.	5.62	0.045	9121.	3.01

HV = 1.02 SF = 0.000832 TOTAL DIS = 42583.

DELTA HV = 0.03 HF = 0.21 HT = 0.20

BRIDGE

PIGEON RIVER 500-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2533.74	0.	0.0	0.065	0.	0.0
		0.	0.0	0.0	0.	0.0
		591.	3.66	0.065	1325.	2.24
		403.	10.69	0.065	1847.	4.58
		2481.	16.96	0.035	28731.	11.58
		104.	4.82	0.051	358.	3.43
		2858.	5.20	0.051	10322.	3.61

HV = 1.47 SF = 0.001707 TOTAL DIS = 42583.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2534.22	0.	0.01	0.065	0.	0.03
		0.	0.0	0.0	0.	0.0
		630.	4.26	0.065	1058.	1.68
		3652.	20.80	0.035	32753.	8.97
		3293.	5.92	0.051	8772.	2.66

HV = 0.98 SF = 0.000780 TOTAL DIS = 42583.

DELTA HV = 0.49 HF = 0.0 HT = 0.49

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
57.650	2534.22	0.	0.01	0.065	0.	0.03
		0.	0.0	0.0	0.	0.0
		630.	4.26	0.065	1058.	1.68
		3652.	20.80	0.035	32753.	8.97
		3293.	5.92	0.051	8772.	2.66

HV = 0.98 SF = 0.000780 TOTAL DIS = 42583.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2536.18	725.	4.21	0.065	939.	1.29
		0.	0.0	0.0	0.	0.0
		1241.	7.26	0.074	2029.	1.63
		558.	10.72	0.074	1182.	2.12
		4542.	22.71	0.035	33565.	7.39
		470.	8.14	0.071	864.	1.84
		2879.	5.02	0.071	3837.	1.33

HV = 0.68 SF = 0.000471 TOTAL DIS = 42417.

DELTA HV = 0.31 HF = 1.65 HT = 1.96

PIGEON RIVER 500-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.150	2536.18	725.	4.21	0.065	958.	1.32
		0.	0.0	0.0	0.	0.0
		1241.	7.26	0.083	1844.	1.49
		558.	10.72	0.083	1075.	1.93
		4542.	22.71	0.035	34231.	7.54
		470.	8.14	0.079	792.	1.68
		2879.	5.02	0.079	3517.	1.22

HV = 0.72 SF = 0.000490 TOTAL DIS = 42417.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.500	2537.59	570.	3.39	0.065	962.	1.69
		0.	0.0	0.0	0.	0.0
		995.	5.87	0.074	2129.	2.14
		507.	9.73	0.074	1519.	3.00
		4265.	21.37	0.048	33282.	7.80
		388.	6.72	0.071	948.	2.44
		2058.	3.85	0.071	3461.	1.68

HV = 0.76 SF = 0.001072 TOTAL DIS = 42300.

DELTA HV = -0.04 HF = 1.44 HT = 1.42

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
58.500	2537.59	570.	3.39	0.065	1078.	1.89
		0.	0.0	0.0	0.	0.0
		995.	5.87	0.083	2126.	2.14
		507.	9.73	0.083	1517.	2.99
		4265.	21.37	0.054	33141.	7.77
		388.	6.72	0.079	954.	2.46
		2058.	3.85	0.079	3484.	1.69

HV = 0.75 SF = 0.001345 TOTAL DIS = 42300.

CRITICAL DEPTH = 2537.47

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2545.47	368.	6.54	0.120	825.	2.24
		2923.	21.75	0.045	38892.	13.31
		1417.	5.89	0.154	2307.	1.63

HV = 2.55 SF = 0.002675 TOTAL DIS = 42023.

DELTA HV = -1.80 HF = 8.81 HT = 7.91

CRITICAL DEPTH = 2537.47

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
59.330	2545.47	368.	6.54	0.090	817.	2.22
		2923.	21.75	0.034	38210.	13.07
		1417.	5.89	0.088	2996.	2.11

HV = 2.42 SF = 0.001474 TOTAL DIS = 42023.

PIGECN RIVER 500-YR FLD 150' IMP CHAN 10-1-76 SAS

CRITICAL DEPTH = 2547.03

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2550.43	1810.	8.42	0.064	7349.	4.06
		2408.	26.15	0.043	30990.	12.87
		838.	11.56	0.084	3201.	3.82

HV = 1.98 SF = 0.001786 TOTAL DIS = 41540.

DELTA HV = 0.44 HF = 10.50 HT = 10.94

CRITICAL DEPTH = 2547.03

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
60.550	2550.43	1810.	8.42	0.072	7310.	4.04
		2408.	26.15	0.048	31063.	12.90
		838.	11.56	0.095	3167.	3.78

HV = 1.99 SF = 0.002236 TOTAL DIS = 41540.

CRITICAL DEPTH = 2568.44

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2576.84	403.	10.15	0.060	2559.	6.36
		1284.	25.83	0.044	20749.	16.16
		3638.	15.65	0.105	17641.	4.85

HV = 2.25 SF = 0.002999 TOTAL DIS = 40948.

DELTA HV = -0.26 HF = 20.45 HT = 20.32

CRITICAL DEPTH = 2567.64

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.030	2576.84	403.	10.15	0.060	2159.	5.36
		1284.	25.83	0.040	19256.	15.00
		3638.	15.65	0.080	19534.	5.37

HV = 1.88 SF = 0.002134 TOTAL DIS = 40948.

CRITICAL DEPTH = 2577.44

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2582.04	669.	6.32	0.060	2007.	3.00
		2767.	18.88	0.029	35633.	12.88
		1506.	5.37	0.080	3041.	2.02

HV = 2.27 SF = 0.001256 TOTAL DIS = 40680.

DELTA HV = -0.39 HF = 6.00 HT = 5.80

PIGION RIVER 500-YR FLD 150' IMP CHAN 10-1-76 SAS

CRITICAL DEPTH = 2577.04

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.700	2582.64	669.	6.32	0.061	1537.	2.30
		2767.	18.88	0.022	36582.	13.22
		1506.	5.37	0.074	2560.	1.70

HV = 2.45 SF = 0.000762 TOTAL DIS = 40680.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2584.61	3397.	8.73	0.061	6947.	2.05
		3517.	18.60	0.022	33030.	9.39
		66.	0.78	0.072	23.	0.35

HV = 1.14 SF = 0.000392 TOTAL DIS = 40000.

DELTA HV = 1.30 HF = 0.67 HT = 1.98

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2584.61	2859.	8.96	0.057	18444.	6.45
		1922.	8.78	0.034	20513.	10.67
		220.	4.25	0.052	946.	4.30
		63.	0.91	0.052	97.	1.54

HV = 1.21 SF = 0.003292 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2585.02	3557.	9.10	0.057	10606.	2.98
		3591.	18.99	0.034	29312.	8.16
		105.	1.06	0.052	82.	0.78

HV = 0.79 SF = 0.000688 TOTAL DIS = 40000.

DELTA HV = 0.42 HF = 0.0 HT = 0.42

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
62.920	2585.02	3557.	9.10	0.057	10606.	2.98
		3591.	18.99	0.034	29312.	8.16
		105.	1.06	0.052	82.	0.78

HV = 0.79 SF = 0.000688 TOTAL DIS = 40000.

CRITICAL DEPTH = 2579.31

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2585.91	0.	0.01	0.050	0.	0.04
		3289.	16.04	0.034	36846.	11.20
		1024.	4.50	0.053	3154.	3.08

HV = 1.81 SF = 0.001624 TOTAL DIS = 40000.

DELTA HV = -1.01 HF = 1.40 HT = 0.90

BRIDGE

PIGEON RIVER 50C-YR FLD 150' IMP CHAN 10-1-76 SAS

CRITICAL DEPTH = 2586.80

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2586.80	115.	2.31	0.055	393.	3.41
		53.	1.91	0.055	159.	3.00
		1944.	8.80	0.026	34251.	17.62
		197.	5.42	0.068	959.	4.88
		1015.	4.29	0.068	4237.	4.17

HV = 4.17 SF = 0.005230 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2589.84	122.	2.15	0.055	117.	0.96
		4066.	19.83	0.026	36253.	8.92
		1929.	8.14	0.068	3630.	1.88

HV = 1.12 SF = 0.000453 TOTAL DIS = 40000.

DELTA HV = 3.04 HF = 0.0 HT = 3.04

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.150	2589.84	122.	2.15	0.055	117.	0.96
		4066.	19.83	0.026	36253.	8.92
		1929.	8.14	0.068	3630.	1.88

HV = 1.12 SF = 0.000453 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2591.12	4803.	8.45	0.057	8734.	1.82
		4394.	19.38	0.026	30455.	6.93
		873.	3.76	0.065	810.	0.93

HV = 0.58 SF = 0.000283 TOTAL DIS = 40000.

DELTA HV = 0.54 HF = 0.74 HT = 1.28

BRIDGE

CRITICAL DEPTH = 2581.00

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2591.12	0.	0.0	0.078	0.	0.0
		190.	3.16	0.078	1075.	5.66
		2455.	8.08	0.056	36165.	14.73
		657.	2.89	0.099	2759.	4.20
		0.	0.0	0.099	0.	0.0

HV = 3.08 SF = 0.018998 TOTAL DIS = 40000.

PIGECN RIVER 500-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2593.95	6420.	11.11	0.078	14042.	2.19
		5009.	22.09	0.056	24124.	4.82
		1585.	6.11	0.099	1834.	1.16

HV = 0.24 SF = 0.000532 TOTAL DIS = 40000.

DELTA HV = 2.83 HF = 0.0 HT = 2.83

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.530	2593.95	6420.	11.11	0.078	14042.	2.19
		5009.	22.09	0.056	24124.	4.82
		1585.	6.11	0.099	1834.	1.16

HV = 0.24 SF = 0.000532 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2594.11	2966.	5.73	0.077	6198.	2.09
		4419.	20.56	0.056	29772.	6.74
		2237.	6.68	0.099	4030.	1.80

HV = 0.54 SF = 0.001145 TOTAL DIS = 40000.

DELTA HV = -0.30 HF = 0.31 HT = 0.16

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2594.11	2964.	5.69	0.092	5610.	1.89
		2695.	8.86	0.021	30012.	11.13
		2237.	6.68	0.099	4378.	1.96

HV = 1.46 SF = 0.001351 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2594.73	3285.	6.32	0.092	2620.	0.80
		4534.	21.10	0.021	35394.	7.81
		2444.	7.26	0.099	1986.	0.81

HV = 0.84 SF = 0.000209 TOTAL DIS = 40000.

DELTA HV = 0.62 HF = 0.0 HT = 0.62

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.600	2594.73	3285.	6.32	0.092	2620.	0.80
		4534.	21.10	0.021	35394.	7.81
		2444.	7.26	0.099	1986.	0.81

HV = 0.84 SF = 0.000209 TOTAL DIS = 40000.

PIGEON RIVER 500-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2594.89	4318.	9.14	0.060	8428.	1.95
		3580.	24.97	0.028	29259.	8.17
		2921.	6.66	0.120	2313.	0.79

HV = 0.77 SF = 0.000325 TOTAL DIS = 40000.

DELTA HV = 0.07 HF = 0.10 HT = 0.17

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2594.89	3269.	7.62	0.118	11755.	3.60
		326.	5.93	0.118	990.	3.04
		2384.	4.02	0.034	19420.	8.14
		211.	4.57	0.120	530.	2.52
		2419.	6.02	0.120	7306.	3.02

HV = 0.59 SF = 0.005437 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2594.89	4318.	9.14	0.118	5585.	1.29
		3580.	24.97	0.034	31401.	8.77
		2921.	6.68	0.120	3014.	1.03

HV = 0.94 SF = 0.000552 TOTAL DIS = 40000.

DELTA HV = -0.35 HF = 0.0 HT = -0.18

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.670	2594.89	4318.	9.14	0.118	5585.	1.29
		3580.	24.97	0.034	31401.	8.77
		2921.	6.68	0.120	3014.	1.03

HV = 0.94 SF = 0.000552 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2595.91	5045.	9.02	0.087	9478.	1.88
		3236.	22.77	0.037	26503.	8.19
		1944.	10.96	0.090	4020.	2.07

HV = 0.71 SF = 0.000645 TOTAL DIS = 40000.

DELTA HV = 0.23 HF = 0.79 HT = 1.02

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
63.920	2595.91	5045.	9.02	0.090	10893.	2.16
		3236.	22.77	0.047	24806.	7.67
		1944.	10.96	0.100	4302.	2.21

HV = 0.59 SF = 0.000911 TOTAL DIS = 40000.

PIGEON RIVER 500-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2596.78	673.	4.41	0.090	917.	1.36
		3408.	7.25	0.090	6465.	1.90
		759.	9.91	0.090	1775.	2.34
		3285.	22.61	0.047	25473.	7.75
		2598.	9.66	0.100	5371.	2.07

HV = 0.62 SF = 0.000941 TOTAL DIS = 40000.

DELTA HV = -0.02 HF = 0.88 HT = 0.87

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.100	2596.78	673.	4.41	0.052	1132.	1.68
		3408.	7.25	0.052	7981.	2.34
		759.	9.91	0.080	1424.	1.88
		3285.	22.61	0.037	23079.	7.03
		2598.	9.66	0.060	6385.	2.46

HV = 0.48 SF = 0.000479 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2596.78	4029.	6.72	0.065	8501.	2.11
		1168.	13.44	0.100	2543.	2.18
		3077.	23.23	0.037	26078.	8.48
		1470.	7.44	0.075	2878.	1.96

HV = 0.75 SF = 0.000672 TOTAL DIS = 40000.

DELTA HV = -0.27 HF = 0.06 HT = -0.08

BRIDGE

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2596.78	3535.	5.56	0.067	17036.	4.82
		358.	5.37	0.100	1129.	3.15
		2262.	10.19	0.053	20631.	9.12
		83.	2.74	0.075	223.	2.69
		405.	2.34	0.075	981.	2.42

HV = 0.85 SF = 0.004787 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2597.17	4260.	7.10	0.067	10321.	2.42
		1201.	13.81	0.100	3038.	2.53
		3139.	23.73	0.053	21498.	6.85
		1949.	9.55	0.075	5143.	2.64

HV = 0.44 SF = 0.000875 TOTAL DIS = 40000.

DELTA HV = 0.39 HF = 0.0 HT = 0.39

PIGEON RIVER 500-YR FLD 150' IMP CHAN 10-1-76 SAS

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.120	2597.17	4260.	7.10	0.067	10321.	2.42
		1201.	13.81	0.100	3038.	2.53
		3139.	23.73	0.053	21498.	6.85
		1949.	9.55	0.075	5143.	2.64

HV = 0.44 SF = 0.000875 TOTAL DIS = 40000.

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2598.03	3908.	11.05	0.116	9416.	2.41
		3429.	21.84	0.053	28467.	8.30
		781.	6.86	0.075	2118.	2.71

HV = 0.79 SF = 0.001436 TOTAL DIS = 40000.

DELTA HV = -0.35 HF = 1.04 HT = 0.86

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.290	2598.03	3908.	11.05	0.087	10731.	2.75
		3429.	21.84	0.046	28035.	8.18
		781.	6.86	0.110	1234.	1.58

HV = 0.76 SF = 0.001049 TOTAL DIS = 40000.

CRITICAL DEPTH = 2592.25

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2599.45	265.	8.03	0.080	1098.	4.14
		2060.	21.52	0.046	28618.	13.89
		710.	18.82	0.046	9020.	12.71
		459.	7.02	0.110	1264.	2.75

HV = 2.72 SF = 0.003089 TOTAL DIS = 40000.

DELTA HV = -1.96 HF = 2.40 HT = 1.42

BRIDGE

CRITICAL DEPTH = 2590.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2599.45	22.	0.95	0.115	14.	0.62
		2809.	7.43	0.022	35861.	12.77
		323.	7.42	0.022	4125.	12.76
		0.	0.0	0.115	0.	0.0

HV = 2.53 SF = 0.002467 TOTAL DIS = 40000.

CRITICAL DEPTH = 2592.37

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2599.45	265.	8.03	0.115	379.	1.43
		2060.	21.52	0.022	29670.	14.40
		710.	18.82	0.022	9352.	13.17
		459.	7.02	0.115	600.	1.31

HV = 3.02 SF = 0.000760 TOTAL DIS = 40000.

DELTA HV = -0.49 HF = 0.0 HT = -0.24

CRITICAL DEPTH = 2592.45

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.510	2599.45	265.	8.03	0.115	379.	1.43
		2060.	21.52	0.022	29670.	14.40
		710.	18.82	0.022	9352.	13.17
		459.	7.02	0.115	600.	1.31

HV = 3.02 SF = 0.000760 TOTAL DIS = 40000.

CRITICAL DEPTH = 2596.19

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2600.79	250.	1.88	0.077	253.	1.01
		2627.	16.60	0.023	38157.	14.53
		342.	10.86	0.102	844.	2.47
		492.	5.22	0.102	746.	1.52

HV = 3.13 SF = 0.001194 TOTAL DIS = 40000.

DELTA HV = -0.11 HF = 1.39 HT = 1.34

BRIDGE

CRITICAL DEPTH = 2602.60

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2600.79	250.	1.85	0.077	617.	2.46
		2030.	6.56	0.023	38949.	19.19
		199.	2.11	0.095	435.	2.18

HV = 5.57 SF = 0.007183 TOTAL DIS = 40000.

CRITICAL DEPTH = 2596.26

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2604.46	844.	4.42	0.077	1056.	1.25
		3178.	20.09	0.023	36540.	11.50
		452.	14.36	0.110	869.	1.92
		863.	7.93	0.080	1534.	1.78

HV = 1.00 SF = 0.000580 TOTAL DIS = 40000.

DELTA HV = 3.09 HF = 0.0 HT = 3.69

CRITICAL DEPTH = 2596.26

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
64.780	2604.40	344.	4.42	0.077	1056.	1.25
		3178.	20.09	0.023	36540.	11.50
		152.	14.36	0.110	869.	1.92
		863.	7.93	0.080	1534.	1.78

HV = 1.88 SF = 0.000580 TOTAL DIS = 40000.

CRITICAL DEPTH = 2602.85

MILE	ELEVATION	AREA	HYD RAD	N	DISCHARGE	VELOCITY
65.000	2604.65	1128.	5.04	0.067	2860.	2.54
		1093.	11.28	0.067	4739.	4.34
		1751.	19.03	0.023	31361.	17.91
		373.	6.62	0.073	1040.	2.79

HV = 3.95 SF = 0.001512 TOTAL DIS = 40000.

DELTA HV = -2.07 HF = 1.22 IT = 0.18