

Plan: Default Scenario Reach G Reach G RS: 719 Profile: 1

E.G. Elev (ft)	2727.25	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.68	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2725.57	Reach Len. (ft)	305.57	305.57	305.57
Crit W.S. (ft)	2726.20	Flow Area (sq ft)	54.82	53.59	8.58
E.G. Slope (ft/ft)	0.019898	Area (sq ft)	54.82	53.59	8.58
Q Total (cfs)	891.00	Flow (cfs)	215.10	642.35	33.55
Top Width (ft)	122.99	Top Width (ft)	88.24	23.67	11.08
Vel Total (ft/s)	7.62	Avg. Vel. (ft/s)	3.92	11.99	3.91
Max Chl Dpth (ft)	2.90	Hydr. Depth (ft)	0.62	2.26	0.77
Conv. Total (cfs)	6316.4	Conv. (cfs)	1524.9	4553.7	237.8
Length Wtd. (ft)	305.57	Wetted Per. (ft)	88.32	23.84	11.17
Min Ch El (ft)	2722.67	Shear (lb/sq ft)	0.77	2.79	0.95
Alpha	1.86	Stream Power (lb/ft s)	322.01	0.00	0.00
Frctn Loss (ft)	5.12	Cum Volume (acre-ft)	6.36	10.04	5.71
C & E Loss (ft)	0.09	Cum SA (acres)	7.86	5.10	7.51

Plan: Default Scenario Reach G Reach G RS: 718 Profile: 1

E.G. Elev (ft)	2721.71	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.55	Wt. n-Val.	0.060	0.035	0.045
W.S. Elev (ft)	2721.15	Reach Len. (ft)	387.11	387.11	387.11
Crit W.S. (ft)	2721.15	Flow Area (sq ft)	121.87	57.84	15.65
E.G. Slope (ft/ft)	0.015479	Area (sq ft)	121.87	57.84	15.65
Q Total (cfs)	891.00	Flow (cfs)	386.78	450.14	54.09
Top Width (ft)	168.99	Top Width (ft)	116.48	32.27	20.24
Vel Total (ft/s)	4.56	Avg. Vel. (ft/s)	3.17	7.78	3.46
Max Chl Dpth (ft)	2.37	Hydr. Depth (ft)	1.05	1.79	0.77
Conv. Total (cfs)	7161.5	Conv. (cfs)	3108.8	3618.0	434.7
Length Wtd. (ft)	387.11	Wetted Per. (ft)	116.58	32.34	20.29
Min Ch El (ft)	2718.78	Shear (lb/sq ft)	1.01	1.73	0.75
Alpha	1.72	Stream Power (lb/ft s)	282.76	0.00	0.00
Frctn Loss (ft)	4.94	Cum Volume (acre-ft)	5.74	9.65	5.63
C & E Loss (ft)	0.02	Cum SA (acres)	7.14	4.91	7.40

Plan: Default Scenario Reach G Reach G RS: 717 Profile: 1

E.G. Elev (ft)	2714.35	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.85	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2713.50	Reach Len. (ft)	321.03	321.03	321.03
Crit W.S. (ft)	2713.73	Flow Area (sq ft)	6.63	100.58	29.96
E.G. Slope (ft/ft)	0.023663	Area (sq ft)	6.63	100.58	29.96
Q Total (cfs)	891.00	Flow (cfs)	10.29	785.54	95.18
Top Width (ft)	214.65	Top Width (ft)	39.30	96.80	78.56
Vel Total (ft/s)	6.50	Avg. Vel. (ft/s)	1.55	7.81	3.18
Max Chl Dpth (ft)	2.20	Hydr. Depth (ft)	0.17	1.04	0.38
Conv. Total (cfs)	5792.2	Conv. (cfs)	66.9	5106.6	618.7
Length Wtd. (ft)	321.03	Wetted Per. (ft)	39.32	96.92	78.65
Min Ch El (ft)	2711.30	Shear (lb/sq ft)	0.25	1.53	0.56
Alpha	1.30	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	7.33	Cum Volume (acre-ft)	5.17	8.95	5.42
C & E Loss (ft)	0.03	Cum SA (acres)	6.45	4.33	6.96

Plan: Default Scenario Reach G Reach G RS: 716 Profile: 1

E.G. Elev (ft)	2709.15	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.80	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2708.35	Reach Len. (ft)	371.65	371.65	371.65
Crit W.S. (ft)	2708.42	Flow Area (sq ft)	21.85	77.26	51.01
E.G. Slope (ft/ft)	0.011754	Area (sq ft)	21.85	77.26	51.01
Q Total (cfs)	891.00	Flow (cfs)	69.36	634.96	186.68
Top Width (ft)	107.62	Top Width (ft)	26.12	32.20	49.30
Vel Total (ft/s)	5.94	Avg. Vel. (ft/s)	3.17	8.22	3.66
Max Chl Dpth (ft)	3.20	Hydr. Depth (ft)	0.84	2.40	1.03
Conv. Total (cfs)	8218.2	Conv. (cfs)	639.8	5856.6	1721.8
Length Wtd. (ft)	371.65	Wetted Per. (ft)	26.18	32.38	49.36
Min Ch El (ft)	2705.15	Shear (lb/sq ft)	0.61	1.75	0.76
Alpha	1.47	Stream Power (lb/ft s)	293.61	0.00	0.00
Frctn Loss (ft)	5.19	Cum Volume (acre-ft)	5.07	8.29	5.13
C & E Loss (ft)	0.01	Cum SA (acres)	6.20	3.86	6.49

Plan: Default Scenario Reach G Reach G RS: 715 Profile: 1

E.G. Elev (ft)	2704.48	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.72	Wt. n-Val.	0.060	0.030	0.045
W.S. Elev (ft)	2703.76	Reach Len. (ft)	440.87	440.87	440.87
Crit W.S. (ft)	2703.90	Flow Area (sq ft)	15.65	29.57	138.14
E.G. Slope (ft/ft)	0.013304	Area (sq ft)	15.65	29.57	138.14
Q Total (cfs)	891.00	Flow (cfs)	57.64	307.11	526.25
Top Width (ft)	160.06	Top Width (ft)	10.35	12.06	137.65
Vel Total (ft/s)	4.86	Avg. Vel. (ft/s)	3.68	10.39	3.81
Max Chl Dpth (ft)	2.48	Hydr. Depth (ft)	1.51	2.45	1.00
Conv. Total (cfs)	7724.7	Conv. (cfs)	499.7	2662.6	4562.5
Length Wtd. (ft)	440.87	Wetted Per. (ft)	10.69	12.06	138.08
Min Ch El (ft)	2701.28	Shear (lb/sq ft)	1.22	2.04	0.83
Alpha	1.97	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.64	Cum Volume (acre-ft)	4.91	7.84	4.32
C & E Loss (ft)	0.02	Cum SA (acres)	6.05	3.67	5.69

Plan: Default Scenario Reach G Reach G RS: 714 Profile: 1

E.G. Elev (ft)	2699.33	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.76	Wt. n-Val.	0.045	0.035	0.060
W.S. Elev (ft)	2698.57	Reach Len. (ft)	251.82	251.82	251.82
Crit W.S. (ft)	2698.63	Flow Area (sq ft)	103.47	51.77	10.67
E.G. Slope (ft/ft)	0.010329	Area (sq ft)	103.47	51.77	10.67
Q Total (cfs)	891.00	Flow (cfs)	396.41	466.10	28.49
Top Width (ft)	111.17	Top Width (ft)	84.69	17.00	9.48
Vel Total (ft/s)	5.37	Avg. Vel. (ft/s)	3.83	9.00	2.67
Max Chl Dpth (ft)	3.59	Hydr. Depth (ft)	1.22	3.05	1.13
Conv. Total (cfs)	8766.8	Conv. (cfs)	3900.3	4566.1	280.3
Length Wtd. (ft)	251.82	Wetted Per. (ft)	84.83	17.17	9.78
Min Ch El (ft)	2694.98	Shear (lb/sq ft)	0.79	1.94	0.70
Alpha	1.70	Stream Power (lb/ft s)	274.86	0.00	0.00
Frctn Loss (ft)	5.15	Cum Volume (acre-ft)	4.30	7.43	3.57
C & E Loss (ft)	0.00	Cum SA (acres)	5.57	3.52	4.95

Plan: Default Scenario Reach G Reach G RS: 713 Profile: 1

E.G. Elev (ft)	2695.11	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.55	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2693.56	Reach Len. (ft)	346.34	346.34	346.34
Crit W.S. (ft)	2694.08	Flow Area (sq ft)	17.00	51.69	60.06
E.G. Slope (ft/ft)	0.030150	Area (sq ft)	17.00	51.69	60.06
Q Total (cfs)	891.00	Flow (cfs)	94.43	607.75	188.82
Top Width (ft)	205.57	Top Width (ft)	17.73	32.30	155.54
Vel Total (ft/s)	6.92	Avg. Vel. (ft/s)	5.55	11.76	3.14
Max Chl Dpth (ft)	1.99	Hydr. Depth (ft)	0.96	1.60	0.39
Conv. Total (cfs)	5131.4	Conv. (cfs)	543.8	3500.1	1087.4
Length Wtd. (ft)	346.34	Wetted Per. (ft)	17.83	32.34	155.58
Min Ch El (ft)	2691.57	Shear (lb/sq ft)	1.79	3.01	0.73
Alpha	2.08	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.14	Cum Volume (acre-ft)	3.96	7.13	3.36
C & E Loss (ft)	0.08	Cum SA (acres)	5.27	3.38	4.47

Plan: Default Scenario Reach G Reach G RS: 712 Profile: 1

E.G. Elev (ft)	2689.54	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.42	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2689.12	Reach Len. (ft)	201.03	201.03	201.03
Crit W.S. (ft)	2689.12	Flow Area (sq ft)	78.27	49.22	68.54
E.G. Slope (ft/ft)	0.016668	Area (sq ft)	78.27	49.22	68.54
Q Total (cfs)	891.00	Flow (cfs)	273.99	338.63	278.38
Top Width (ft)	222.74	Top Width (ft)	105.12	43.99	73.63
Vel Total (ft/s)	4.55	Avg. Vel. (ft/s)	3.50	6.88	4.06
Max Chl Dpth (ft)	1.68	Hydr. Depth (ft)	0.74	1.12	0.93
Conv. Total (cfs)	6901.5	Conv. (cfs)	2122.2	2622.9	2156.3
Length Wtd. (ft)	201.03	Wetted Per. (ft)	105.19	44.09	73.71
Min Ch El (ft)	2687.44	Shear (lb/sq ft)	0.77	1.16	0.97
Alpha	1.30	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	2.50	Cum Volume (acre-ft)	3.58	6.73	2.85
C & E Loss (ft)	0.00	Cum SA (acres)	4.78	3.08	3.56

Plan: Default Scenario Reach G Reach G RS: 711.26 Profile: 1

E.G. Elev (ft)	2686.94	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.47	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2686.47	Reach Len. (ft)	171.23	171.23	171.23
Crit W.S. (ft)	2686.49	Flow Area (sq ft)	48.52	56.26	107.96
E.G. Slope (ft/ft)	0.010282	Area (sq ft)	48.52	56.26	107.96
Q Total (cfs)	891.00	Flow (cfs)	101.07	410.35	379.58
Top Width (ft)	231.03	Top Width (ft)	98.83	31.95	100.25
Vel Total (ft/s)	4.19	Avg. Vel. (ft/s)	2.08	7.29	3.52
Max Chl Dpth (ft)	2.61	Hydr. Depth (ft)	0.49	1.76	1.08
Conv. Total (cfs)	8786.9	Conv. (cfs)	996.7	4046.8	3743.4
Length Wtd. (ft)	171.23	Wetted Per. (ft)	98.89	32.15	100.33
Min Ch El (ft)	2683.86	Shear (lb/sq ft)	0.31	1.12	0.69
Alpha	1.73	Stream Power (lb/ft s)	291.97	0.00	0.00
Frctn Loss (ft)	2.59	Cum Volume (acre-ft)	3.28	6.48	2.44
C & E Loss (ft)	0.01	Cum SA (acres)	4.31	2.90	3.16

Plan: Default Scenario Reach G Reach G RS: 710.64 Profile: 1

E.G. Elev (ft)	2684.54	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.38	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2683.16	Reach Len. (ft)	174.45	174.45	174.45
Crit W.S. (ft)	2683.80	Flow Area (sq ft)	59.66	66.18	4.25
E.G. Slope (ft/ft)	0.018345	Area (sq ft)	59.66	66.18	4.25
Q Total (cfs)	891.00	Flow (cfs)	186.53	697.00	7.47
Top Width (ft)	157.64	Top Width (ft)	102.82	33.39	21.44
Vel Total (ft/s)	6.85	Avg. Vel. (ft/s)	3.13	10.53	1.76
Max Chl Dpth (ft)	2.45	Hydr. Depth (ft)	0.58	1.98	0.20
Conv. Total (cfs)	6578.4	Conv. (cfs)	1377.2	5146.1	55.1
Length Wtd. (ft)	174.45	Wetted Per. (ft)	102.97	33.65	21.69
Min Ch El (ft)	2680.71	Shear (lb/sq ft)	0.66	2.25	0.22
Alpha	1.89	Stream Power (lb/ft s)	239.49	0.00	0.00
Frcn Loss (ft)	2.30	Cum Volume (acre-ft)	3.07	6.24	2.22
C & E Loss (ft)	0.09	Cum SA (acres)	3.92	2.77	2.92

Plan: Default Scenario Reach G Reach G RS: 710 Profile: 1

E.G. Elev (ft)	2681.12	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.60	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2680.52	Reach Len. (ft)	343.81	343.81	343.81
Crit W.S. (ft)	2680.52	Flow Area (sq ft)	52.68	31.99	67.18
E.G. Slope (ft/ft)	0.020898	Area (sq ft)	52.68	31.99	67.18
Q Total (cfs)	891.00	Flow (cfs)	331.37	243.38	316.25
Top Width (ft)	125.70	Top Width (ft)	34.45	23.09	68.16
Vel Total (ft/s)	5.87	Avg. Vel. (ft/s)	6.29	7.61	4.71
Max Chl Dpth (ft)	2.73	Hydr. Depth (ft)	1.53	1.39	0.99
Conv. Total (cfs)	6163.5	Conv. (cfs)	2292.3	1683.6	2187.7
Length Wtd. (ft)	343.81	Wetted Per. (ft)	34.82	23.18	68.59
Min Ch El (ft)	2678.53	Shear (lb/sq ft)	1.97	1.80	1.28
Alpha	1.12	Stream Power (lb/ft s)	214.36	0.00	0.00
Frcn Loss (ft)	3.31	Cum Volume (acre-ft)	2.85	6.05	2.08
C & E Loss (ft)	0.03	Cum SA (acres)	3.64	2.66	2.74

Plan: Default Scenario Reach G Reach G RS: 709 Profile: 1

E.G. Elev (ft)	2676.15	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.56	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2674.59	Reach Len. (ft)	494.86	494.86	494.86
Crit W.S. (ft)	2675.07	Flow Area (sq ft)	47.54	63.09	7.68
E.G. Slope (ft/ft)	0.010242	Area (sq ft)	47.54	63.09	7.68
Q Total (cfs)	891.00	Flow (cfs)	175.53	702.08	13.39
Top Width (ft)	79.66	Top Width (ft)	40.78	18.81	20.08
Vel Total (ft/s)	7.53	Avg. Vel. (ft/s)	3.69	11.13	1.74
Max Chl Dpth (ft)	3.81	Hydr. Depth (ft)	1.17	3.35	0.38
Conv. Total (cfs)	8803.9	Conv. (cfs)	1734.4	6937.2	132.3
Length Wtd. (ft)	494.86	Wetted Per. (ft)	40.94	19.08	20.38
Min Ch El (ft)	2670.78	Shear (lb/sq ft)	0.74	2.11	0.24
Alpha	1.77	Stream Power (lb/ft s)	314.55	0.00	0.00
Frcn Loss (ft)	4.87	Cum Volume (acre-ft)	2.45	5.67	1.78
C & E Loss (ft)	0.10	Cum SA (acres)	3.34	2.49	2.39

Plan: Default Scenario Reach G Reach G RS: 708 Profile: 1

E.G. Elev (ft)	2668.49	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.08	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2667.42	Reach Len. (ft)	346.34	346.34	346.34
Crit W.S. (ft)	2667.75	Flow Area (sq ft)	19.11	47.68	66.51
E.G. Slope (ft/ft)	0.024782	Area (sq ft)	19.11	47.68	66.51
Q Total (cfs)	891.00	Flow (cfs)	95.82	494.70	300.48
Top Width (ft)	132.31	Top Width (ft)	20.09	24.16	88.06
Vel Total (ft/s)	6.68	Avg. Vel. (ft/s)	5.01	10.37	4.52
Max Chl Dpth (ft)	2.84	Hydr. Depth (ft)	0.95	1.97	0.76
Conv. Total (cfs)	5660.0	Conv. (cfs)	608.7	3142.5	1908.8
Length Wtd. (ft)	346.34	Wetted Per. (ft)	20.18	24.65	88.65
Min Ch El (ft)	2664.58	Shear (lb/sq ft)	1.47	2.99	1.16
Alpha	1.55	Stream Power (lb/ft s)	296.79	0.00	0.00
Frctn Loss (ft)	7.51	Cum Volume (acre-ft)	2.07	5.04	1.36
C & E Loss (ft)	0.14	Cum SA (acres)	3.00	2.25	1.78

Plan: Default Scenario Reach G Reach G RS: 707 Profile: 1

E.G. Elev (ft)	2661.82	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.55	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2661.28	Reach Len. (ft)	336.95	336.95	336.95
Crit W.S. (ft)	2661.29	Flow Area (sq ft)	140.11	34.41	15.88
E.G. Slope (ft/ft)	0.014780	Area (sq ft)	140.11	34.41	15.88
Q Total (cfs)	891.00	Flow (cfs)	552.40	299.21	39.39
Top Width (ft)	197.62	Top Width (ft)	145.33	19.71	32.58
Vel Total (ft/s)	4.68	Avg. Vel. (ft/s)	3.94	8.70	2.48
Max Chl Dpth (ft)	2.72	Hydr. Depth (ft)	0.96	1.75	0.49
Conv. Total (cfs)	7328.9	Conv. (cfs)	4543.8	2461.1	324.0
Length Wtd. (ft)	336.95	Wetted Per. (ft)	145.82	19.82	32.71
Min Ch El (ft)	2659.28	Shear (lb/sq ft)	0.89	1.60	0.45
Alpha	1.61	Stream Power (lb/ft s)	242.34	0.00	0.00
Frctn Loss (ft)	6.52	Cum Volume (acre-ft)	1.44	4.71	1.03
C & E Loss (ft)	0.16	Cum SA (acres)	2.34	2.08	1.30

Plan: Default Scenario Reach G Reach G RS: 706 Profile: 1

E.G. Elev (ft)	2657.09	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.73	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2656.37	Reach Len. (ft)	293.33	293.33	293.33
Crit W.S. (ft)	2656.60	Flow Area (sq ft)	37.92	62.58	81.09
E.G. Slope (ft/ft)	0.013245	Area (sq ft)	37.92	62.58	81.09
Q Total (cfs)	891.00	Flow (cfs)	90.09	530.73	270.18
Top Width (ft)	227.17	Top Width (ft)	92.41	34.09	100.67
Vel Total (ft/s)	4.91	Avg. Vel. (ft/s)	2.38	8.48	3.33
Max Chl Dpth (ft)	2.77	Hydr. Depth (ft)	0.41	1.84	0.81
Conv. Total (cfs)	7742.0	Conv. (cfs)	782.8	4611.6	2347.6
Length Wtd. (ft)	293.33	Wetted Per. (ft)	92.69	34.48	100.91
Min Ch El (ft)	2653.60	Shear (lb/sq ft)	0.34	1.50	0.66
Alpha	1.94	Stream Power (lb/ft s)	462.28	0.00	0.00
Frctn Loss (ft)	4.71	Cum Volume (acre-ft)	0.75	4.34	0.66
C & E Loss (ft)	0.02	Cum SA (acres)	1.42	1.87	0.78

Plan: Default Scenario Reach G Reach G RS: 705 Profile: 1

E.G. Elev (ft)	2652.97	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.00	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2651.97	Reach Len. (ft)	755.09	755.09	755.09
Crit W.S. (ft)	2652.22	Flow Area (sq ft)	44.31	84.43	11.36
E.G. Slope (ft/ft)	0.014726	Area (sq ft)	44.31	84.43	11.36
Q Total (cfs)	891.00	Flow (cfs)	116.95	737.45	36.60
Top Width (ft)	146.23	Top Width (ft)	82.79	48.15	15.29
Vel Total (ft/s)	6.36	Avg. Vel. (ft/s)	2.64	8.73	3.22
Max Chl Dpth (ft)	2.05	Hydr. Depth (ft)	0.54	1.75	0.74
Conv. Total (cfs)	7342.3	Conv. (cfs)	963.7	6076.9	301.6
Length Wtd. (ft)	755.09	Wetted Per. (ft)	82.91	48.20	15.76
Min Ch El (ft)	2649.92	Shear (lb/sq ft)	0.49	1.61	0.66
Alpha	1.59	Stream Power (lb/ft s)	276.38	0.00	0.00
Frctn Loss (ft)	4.09	Cum Volume (acre-ft)	0.47	3.84	0.35
C & E Loss (ft)	0.03	Cum SA (acres)	0.83	1.59	0.39

Plan: Default Scenario Reach G Reach G RS: 704 Profile: 1

E.G. Elev (ft)	2637.91	Element	Left OB	Channel	Right OB
Vel Head (ft)	2.62	Wt. n-Val.	0.045	0.035	
W.S. Elev (ft)	2635.30	Reach Len. (ft)	346.34	346.34	346.34
Crit W.S. (ft)	2636.02	Flow Area (sq ft)	0.02	68.64	
E.G. Slope (ft/ft)	0.027801	Area (sq ft)	0.02	68.64	
Q Total (cfs)	891.00	Flow (cfs)	0.01	890.99	
Top Width (ft)	25.98	Top Width (ft)	0.41	25.57	
Vel Total (ft/s)	12.98	Avg. Vel. (ft/s)	0.71	12.98	
Max Chl Dpth (ft)	4.35	Hydr. Depth (ft)	0.05	2.68	
Conv. Total (cfs)	5343.8	Conv. (cfs)	0.1	5343.7	
Length Wtd. (ft)	346.34	Wetted Per. (ft)	0.43	27.64	
Min Ch El (ft)	2630.94	Shear (lb/sq ft)	0.08	4.31	
Alpha	1.00	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	14.90	Cum Volume (acre-ft)	0.09	2.52	0.25
C & E Loss (ft)	0.16	Cum SA (acres)	0.11	0.95	0.26

Plan: Default Scenario Reach G Reach G RS: 703 Profile: 1

E.G. Elev (ft)	2633.56	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.29	Wt. n-Val.	0.045	0.035	0.060
W.S. Elev (ft)	2632.27	Reach Len. (ft)	419.24	419.24	419.24
Crit W.S. (ft)	2632.27	Flow Area (sq ft)	8.52	83.95	21.97
E.G. Slope (ft/ft)	0.009393	Area (sq ft)	8.52	83.95	21.97
Q Total (cfs)	891.00	Flow (cfs)	30.47	802.42	58.11
Top Width (ft)	50.11	Top Width (ft)	8.78	22.50	18.82
Vel Total (ft/s)	7.79	Avg. Vel. (ft/s)	3.58	9.56	2.65
Max Chl Dpth (ft)	5.48	Hydr. Depth (ft)	0.97	3.73	1.17
Conv. Total (cfs)	9193.2	Conv. (cfs)	314.3	8279.2	599.6
Length Wtd. (ft)	419.24	Wetted Per. (ft)	9.18	23.71	18.99
Min Ch El (ft)	2626.79	Shear (lb/sq ft)	0.54	2.08	0.68
Alpha	1.37	Stream Power (lb/ft s)	249.56	0.00	0.00
Frctn Loss (ft)	2.94	Cum Volume (acre-ft)	0.06	1.91	0.16
C & E Loss (ft)	0.17	Cum SA (acres)	0.07	0.76	0.19

Plan: Default Scenario Reach G Reach G RS: 702 Profile: 1

E.G. Elev (ft)	2627.58	Element	Left OB	Channel	Right OB
Vel Head (ft)	2.29	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2625.29	Reach Len. (ft)	242.08	242.08	242.08
Crit W.S. (ft)	2626.38	Flow Area (sq ft)	1.88	69.45	7.52
E.G. Slope (ft/ft)	0.023237	Area (sq ft)	1.88	69.45	7.52
Q Total (cfs)	891.00	Flow (cfs)	5.88	858.49	26.63
Top Width (ft)	41.94	Top Width (ft)	3.69	25.62	12.63
Vel Total (ft/s)	11.30	Avg. Vel. (ft/s)	3.13	12.36	3.54
Max Chl Dpth (ft)	3.69	Hydr. Depth (ft)	0.51	2.71	0.60
Conv. Total (cfs)	5845.0	Conv. (cfs)	38.6	5631.8	174.7
Length Wtd. (ft)	242.08	Wetted Per. (ft)	3.83	26.31	12.74
Min Ch El (ft)	2621.60	Shear (lb/sq ft)	0.71	3.83	0.86
Alpha	1.16	Stream Power (lb/ft s)	358.30	0.00	0.00
Frctn Loss (ft)	5.89	Cum Volume (acre-ft)	0.01	1.17	0.02
C & E Loss (ft)	0.10	Cum SA (acres)	0.01	0.53	0.04

Plan: Default Scenario Reach G Reach G RS: 701 Profile: 1

E.G. Elev (ft)	2621.11	Element	Left OB	Channel	Right OB
Vel Head (ft)	2.22	Wt. n-Val.		0.035	
W.S. Elev (ft)	2618.89	Reach Len. (ft)	377.71	377.71	377.71
Crit W.S. (ft)	2619.53	Flow Area (sq ft)		74.51	
E.G. Slope (ft/ft)	0.030868	Area (sq ft)		74.51	
Q Total (cfs)	891.00	Flow (cfs)		891.00	
Top Width (ft)	35.89	Top Width (ft)		35.89	
Vel Total (ft/s)	11.96	Avg. Vel. (ft/s)		11.96	
Max Chl Dpth (ft)	3.02	Hydr. Depth (ft)		2.08	
Conv. Total (cfs)	5071.3	Conv. (cfs)		5071.3	
Length Wtd. (ft)	377.71	Wetted Per. (ft)		36.71	
Min Ch El (ft)	2615.87	Shear (lb/sq ft)		3.91	
Alpha	1.00	Stream Power (lb/ft s)	470.65	0.00	0.00
Frctn Loss (ft)	6.45	Cum Volume (acre-ft)	0.00	0.77	
C & E Loss (ft)	0.02	Cum SA (acres)	0.00	0.36	

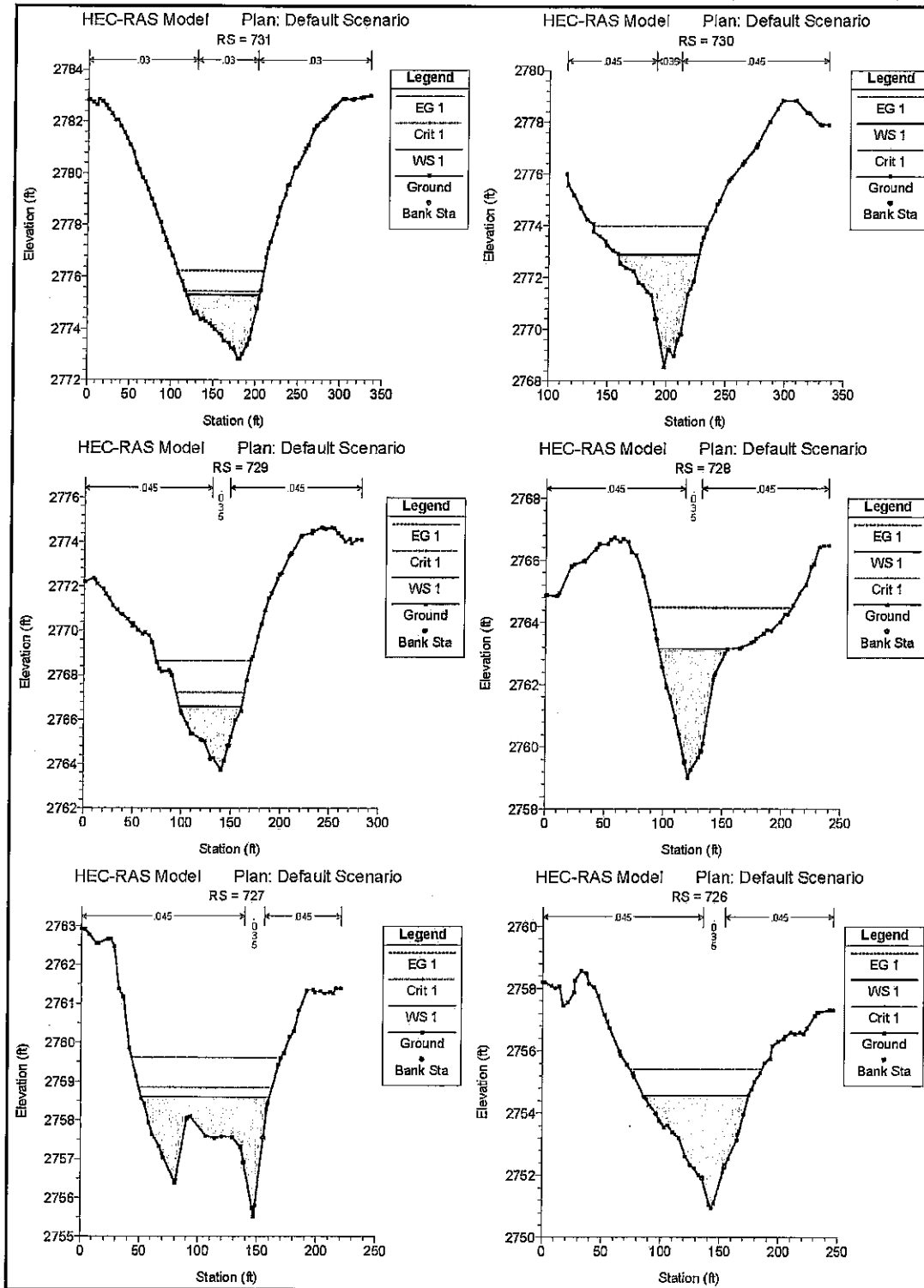
Plan: Default Scenario Reach G Reach G RS: 700 Profile: 1

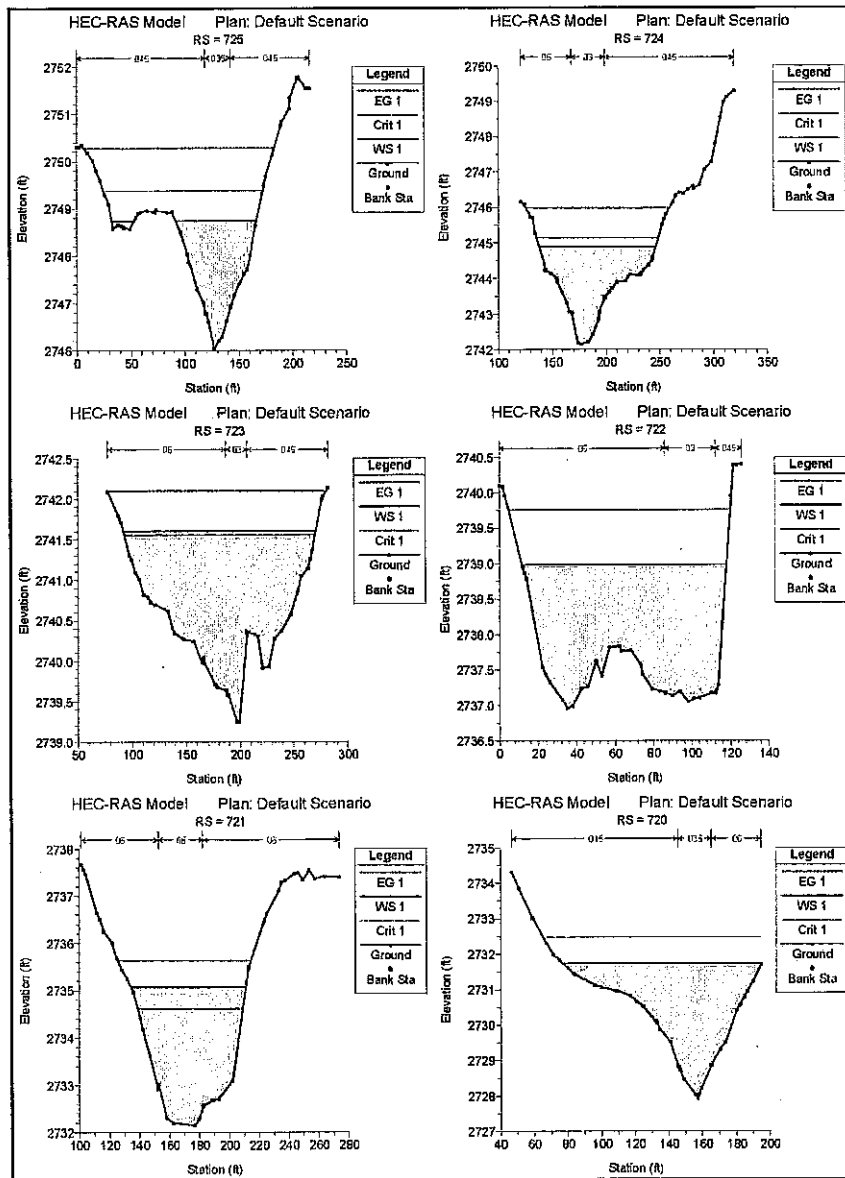
E.G. Elev (ft)	2614.30	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.14	Wt. n-Val.	0.045	0.030	
W.S. Elev (ft)	2613.15	Reach Len. (ft)			
Crit W.S. (ft)	2613.17	Flow Area (sq ft)	0.11	103.86	
E.G. Slope (ft/ft)	0.010942	Area (sq ft)	0.11	103.86	
Q Total (cfs)	891.00	Flow (cfs)	0.09	890.91	
Top Width (ft)	47.68	Top Width (ft)	0.88	48.80	
Vel Total (ft/s)	8.57	Avg. Vel. (ft/s)	0.85	8.58	
Max Chl Dpth (ft)	3.68	Hydr. Depth (ft)	0.13	2.22	
Conv. Total (cfs)	8517.7	Conv. (cfs)	0.9	8516.8	
Length Wtd. (ft)		Wetted Per. (ft)	0.92	48.75	
Min Ch El (ft)	2609.47	Shear (lb/sq ft)	0.08	1.46	
Alpha	1.00	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	6.50	Cum Volume (acre-ft)			
C & E Loss (ft)	0.32	Cum SA (acres)			

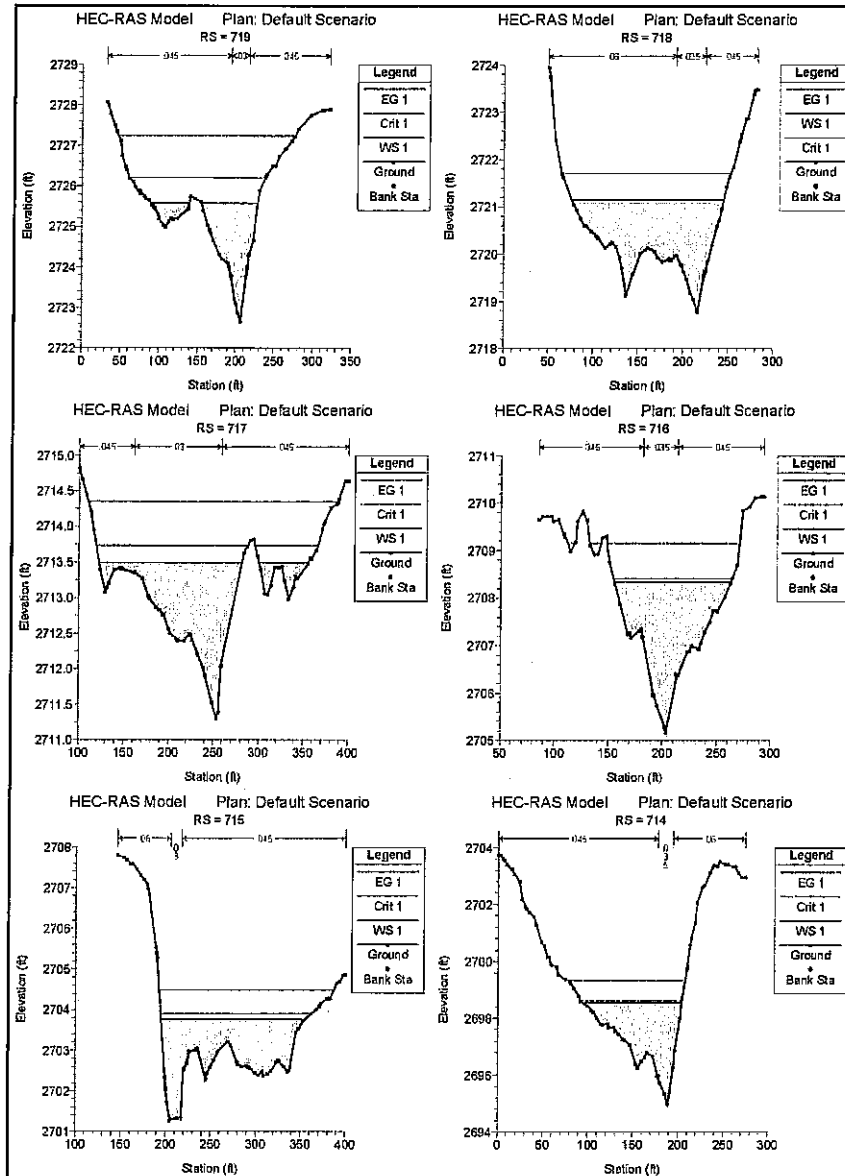
Plan: Default Scenario Reach H Reach H RS: 825 Profile: 1

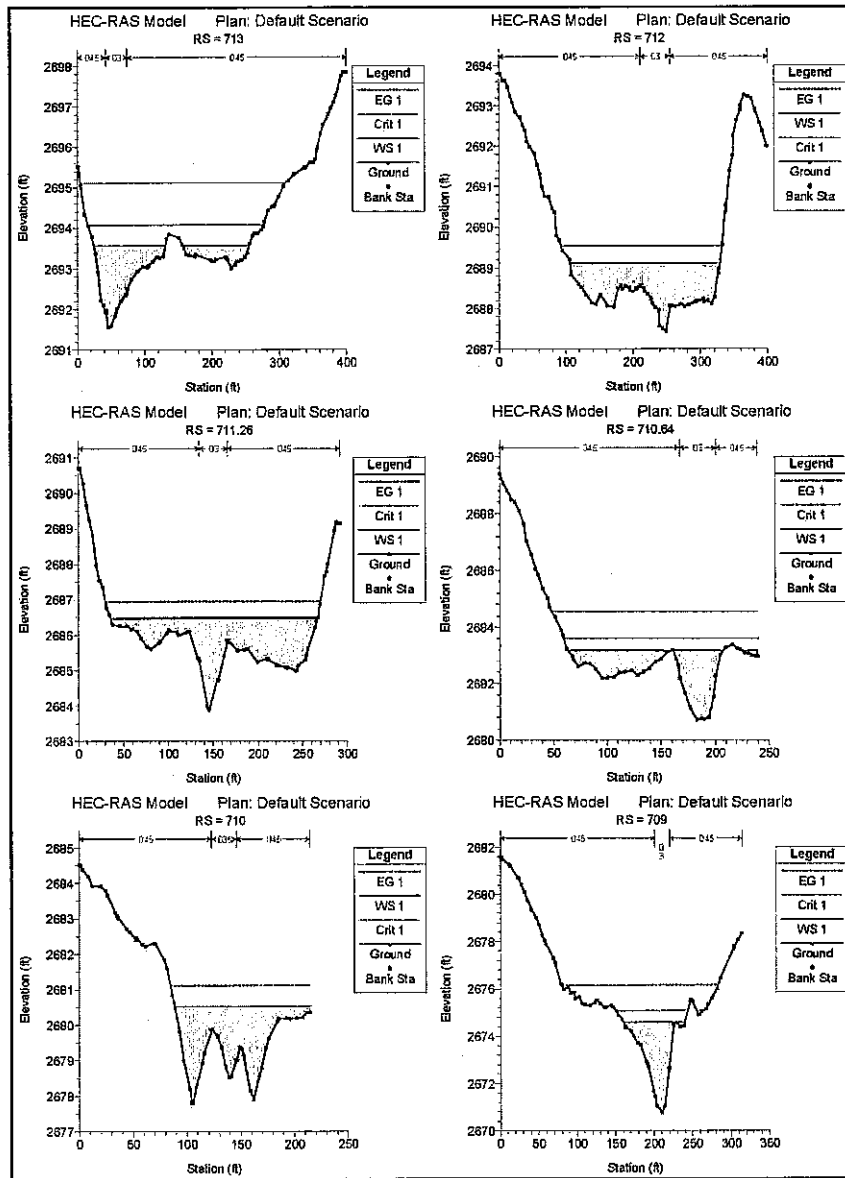
E.G. Elev (ft)	2868.74	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.55	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2868.19	Reach Len. (ft)	288.86	288.86	288.86
Crit W.S. (ft)	2868.29	Flow Area (sq ft)	12.86	27.76	20.27
E.G. Slope (ft/ft)	0.015992	Area (sq ft)	12.86	27.76	20.27
Q Total (cfs)	288.50	Flow (cfs)	38.42	194.41	55.67
Top Width (ft)	77.69	Top Width (ft)	21.19	18.59	37.90
Vel Total (ft/s)	4.74	Avg. Vel. (ft/s)	2.99	7.00	2.75
Max Chl Dpth (ft)	1.68	Hydr. Depth (ft)	0.61	1.49	0.53
Conv. Total (cfs)	2281.3	Conv. (cfs)	303.8	1537.3	440.2
Length Wtd. (ft)	288.86	Wetted Per. (ft)	21.24	18.63	37.98
Min Ch El (ft)	2866.51	Shear (lb/sq ft)	0.60	1.49	0.53
Alpha	1.59	Stream Power (lb/ft s)	322.12	0.00	0.00
Frcn Loss (ft)		Cum Volume (acre-ft)	4.27	6.93	2.05
C & E Loss (ft)		Cum SA (acres)	7.23	6.24	3.69

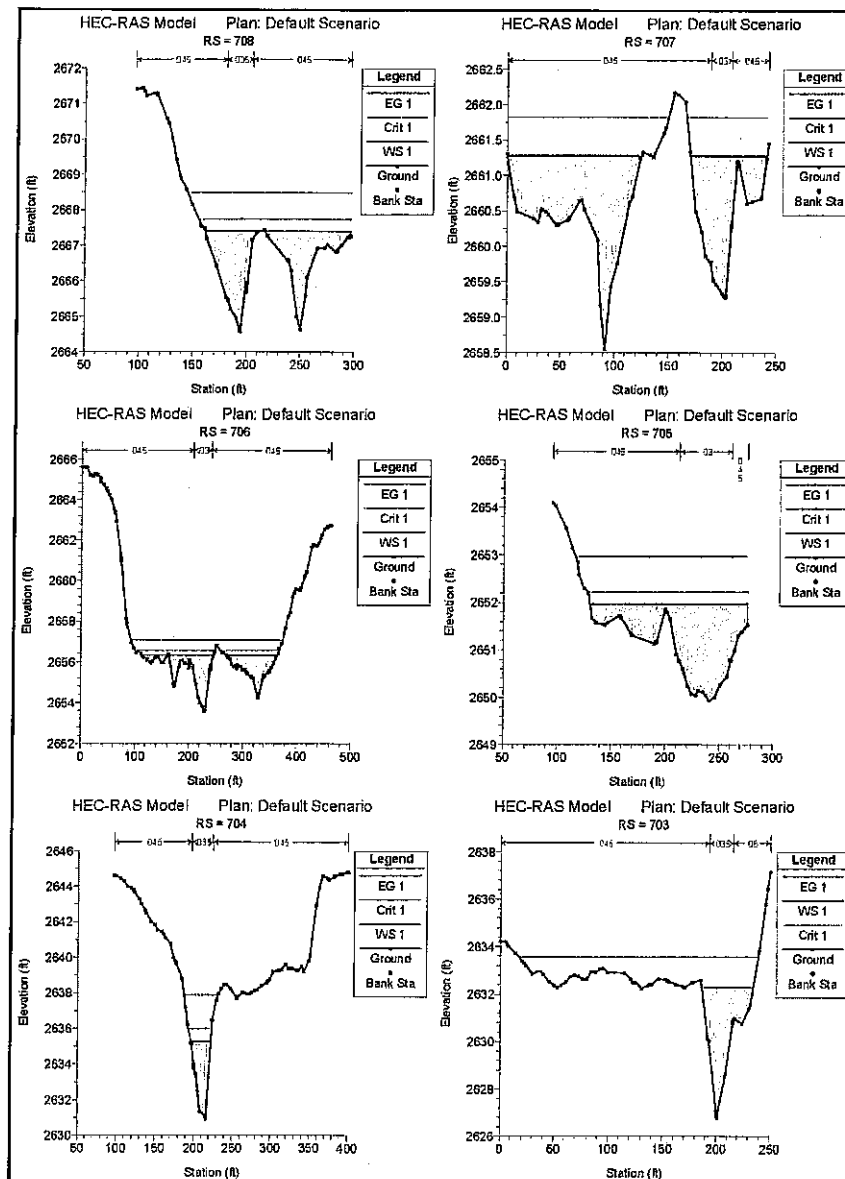
CROSS SECTION PLOTS

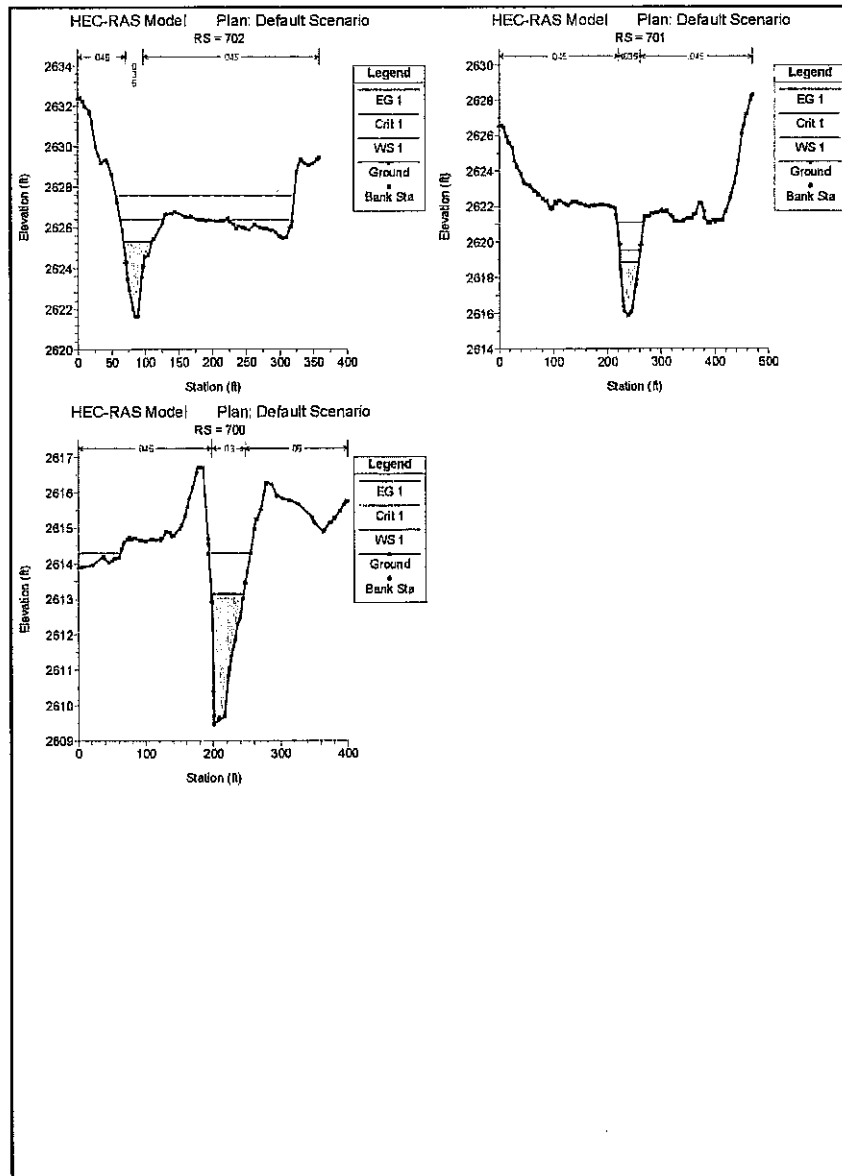




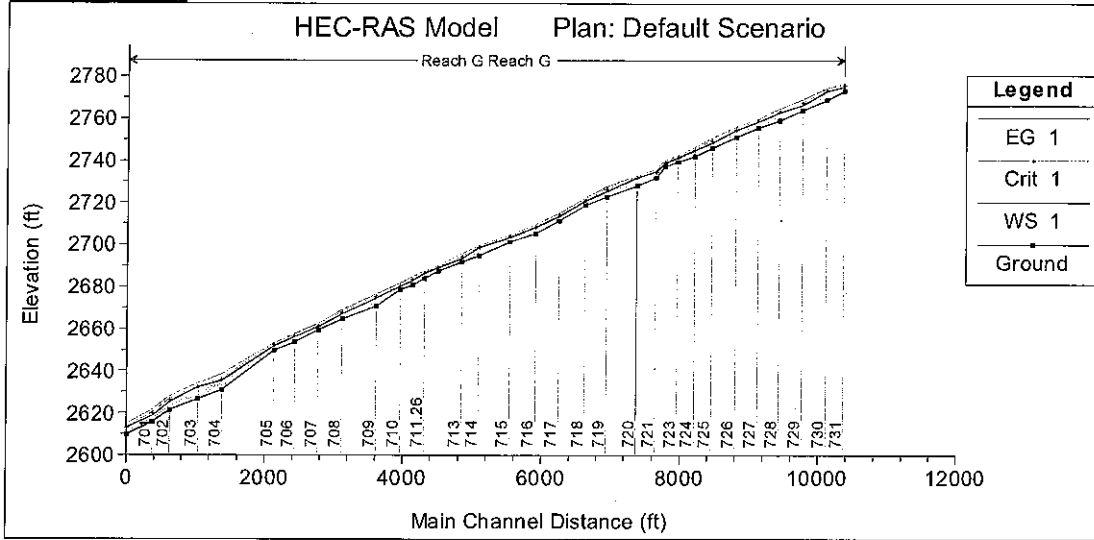








PROFILE PLOT



STANDARD TABLE 1

HEC-RAS Plan: Default Scenario River: Reach G Reach: Reach G Profile: I

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	EG Elev (ft)	EG Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach G	731	1	891.00	2772.82	2775.28	2775.44	2776.22	0.014033	7.85	117.09	88.23	1.11
Reach G	730	1	891.00	2768.54	2772.88	2772.88	2773.99	0.008845	9.29	129.63	88.33	0.89
Reach G	728	1	891.00	2763.74	2766.57	2767.21	2768.66	0.031512	13.59	82.25	62.57	1.53
Reach G	728	1	891.00	2759.01	2763.16	2763.16	2764.48	0.011593	10.95	119.73	68.33	1.00
Reach G	727	1	891.00	2755.52	2758.60	2758.64	2759.61	0.023456	10.88	133.53	108.69	1.26
Reach G	726	1	891.00	2750.95	2754.58	2754.58	2755.41	0.010235	9.05	148.80	98.83	0.81
Reach G	725	1	891.00	2748.04	2748.74	2748.37	2750.27	0.023886	11.44	109.02	98.18	1.32
Reach G	724	1	891.00	2742.15	2744.90	2745.14	2745.99	0.011647	9.42	142.56	108.82	1.08
Reach G	723	1	891.00	2739.24	2741.89	2741.58	2742.10	0.010747	8.25	218.86	178.50	1.02
Reach G	722	1	891.00	2737.05	2738.99	2738.99	2739.76	0.016095	9.19	162.65	106.28	1.19
Reach G	721	1	891.00	2732.15	2735.09	2734.61	2735.63	0.018195	6.59	156.97	77.10	0.70
Reach G	720	1	891.00	2727.93	2731.73	2731.73	2732.47	0.007708	8.36	180.93	117.97	0.80
Reach G	719	1	891.00	2722.67	2725.57	2726.20	2727.25	0.019888	11.98	116.89	122.98	1.40
Reach G	718	1	891.00	2718.78	2721.15	2721.15	2721.71	0.015476	7.78	185.37	188.98	1.02
Reach G	717	1	891.00	2711.30	2713.50	2713.73	2714.35	0.023883	7.81	137.17	214.65	1.35
Reach G	716	1	891.00	2705.15	2708.35	2709.42	2709.15	0.011754	9.22	150.13	107.82	0.94
Reach G	715	1	891.00	2701.09	2703.76	2703.90	2704.48	0.013394	10.39	183.35	160.66	1.17
Reach G	714	1	891.00	2694.98	2698.57	2699.83	2699.33	0.010320	9.00	195.81	111.17	0.91
Reach G	713	1	891.00	2691.57	2693.58	2694.08	2695.11	0.030150	11.78	128.75	206.57	1.64
Reach G	712	1	891.00	2687.44	2689.12	2689.12	2689.54	0.018686	6.86	185.03	222.74	1.15
Reach G	711.26	1	891.00	2683.66	2686.47	2686.48	2686.94	0.010282	7.28	212.74	231.03	0.97
Reach G	710.84	1	891.00	2680.71	2683.16	2683.60	2684.54	0.018346	10.53	190.10	157.84	1.32
Reach G	710	1	891.00	2678.53	2680.52	2680.52	2681.12	0.020898	7.61	151.85	125.70	1.14
Reach G	709	1	891.00	2670.76	2674.58	2675.07	2678.15	0.010242	11.13	119.31	79.86	1.07
Reach G	708	1	891.00	2664.59	2667.42	2667.75	2668.49	0.024782	10.37	133.31	132.31	1.30
Reach G	707	1	891.00	2659.28	2661.28	2661.29	2661.82	0.014780	9.70	180.40	197.62	1.16
Reach G	706	1	891.00	2653.60	2655.37	2656.60	2657.09	0.013246	8.48	181.59	227.17	1.19
Reach G	705	1	891.00	2649.82	2651.87	2652.22	2652.87	0.014728	8.73	140.11	146.23	1.16
Reach G	704	1	891.00	2630.84	2636.30	2636.02	2637.91	0.027801	12.98	66.66	25.89	1.40
Reach G	703	1	891.00	2628.79	2632.27	2632.27	2633.56	0.009383	9.58	114.44	50.11	0.87
Reach G	702	1	891.00	2621.89	2625.29	2625.38	2627.68	0.023237	12.38	78.85	41.84	1.32
Reach G	701	1	891.00	2615.87	2618.89	2619.53	2621.11	0.030889	11.98	74.51	35.88	1.45
Reach G	700	1	891.00	2609.47	2613.15	2613.17	2614.30	0.010947	8.58	103.97	47.88	1.01

STANDARD TABLE 2

HEC-RAS Plan: Default Scenario River: Reach G Reach: Reach G Profile: 1

Reach	River Sta	Profile	E.G. Elev (ft)	W.S. Elev (ft)	Vel Head (ft)	Frictn Loss (ft)	C & E Loss (ft)	Q Left (cfs)	Q Channel (cfs)	Q Right (cfs)	Top Width (ft)
Reach G	731	1	2776.22	2776.29	0.94			19.82	889.11	2.07	86.23
Reach G	730	1	2773.99	2772.88	1.10	8.38	0.08	97.21	707.56	86.22	68.33
Reach G	729	1	2763.85	2766.57	2.08	5.25	0.10	259.69	578.88	52.63	62.97
Reach G	728	1	2764.48	2763.16	1.33	3.77	0.20	204.76	573.57	112.67	58.33
Reach G	727	1	2759.61	2758.60	1.01	4.79	0.09	493.55	391.33	6.12	108.99
Reach G	726	1	2755.41	2754.58	0.85	3.00	0.07	258.54	525.72	106.74	88.63
Reach G	725	1	2750.27	2748.74	1.53	5.07	0.07	132.94	621.81	136.25	96.18
Reach G	724	1	2745.99	2744.90	1.09	4.14	0.13	78.17	684.62	128.21	108.62
Reach G	723	1	2742.10	2741.60	0.50	2.31	0.03	314.58	337.15	239.28	178.50
Reach G	722	1	2739.76	2738.99	0.77	2.33	0.07	420.72	445.45	24.83	106.28
Reach G	721	1	2735.63	2735.08	0.55	3.15	0.02	66.95	548.42	275.63	77.10
Reach G	720	1	2732.47	2731.73	0.73	2.95	0.04	210.07	582.07	118.86	117.97
Reach G	719	1	2727.25	2725.57	1.68	5.12	0.09	215.10	642.35	33.55	122.99
Reach G	718	1	2721.71	2721.15	0.55	4.94	0.02	386.78	450.14	64.09	188.99
Reach G	717	1	2714.35	2713.50	0.85	7.33	0.03	10.29	785.54	95.18	214.65
Reach G	716	1	2709.15	2708.35	0.80	5.19	0.01	69.36	634.96	188.68	107.62
Reach G	715	1	2704.48	2703.76	0.72	4.64	0.02	57.64	307.11	526.25	160.06
Reach G	714	1	2699.33	2698.57	0.76	5.15	0.00	386.41	468.10	28.49	111.17
Reach G	713	1	2695.11	2693.56	1.55	4.14	0.08	94.43	607.75	168.82	205.57
Reach G	712	1	2689.54	2689.12	0.42	2.50	0.00	273.99	338.83	278.38	222.74
Reach G	711.26	1	2686.94	2686.47	0.47	2.59	0.01	101.07	410.35	379.58	231.03
Reach G	710.84	1	2684.54	2683.16	1.38	2.30	0.09	186.53	697.00	7.47	157.54
Reach G	710	1	2681.12	2680.52	0.60	3.31	0.03	331.37	243.38	316.25	125.70
Reach G	709	1	2676.15	2674.58	1.58	4.87	0.10	175.53	702.08	13.39	79.66
Reach G	708	1	2668.49	2667.42	1.08	7.51	0.14	95.82	494.70	300.48	132.31
Reach G	707	1	2661.82	2661.28	0.55	6.52	0.16	552.40	299.21	39.39	187.62
Reach G	706	1	2657.09	2656.37	0.73	4.71	0.02	90.09	530.73	270.18	227.17
Reach G	705	1	2652.97	2651.97	1.00	4.09	0.03	116.95	737.45	36.60	146.23
Reach G	704	1	2637.91	2635.30	2.62	14.90	0.16	0.01	890.99		25.98
Reach G	703	1	2633.56	2632.27	1.29	2.94	0.17	30.47	802.42	58.11	50.11
Reach G	702	1	2627.58	2625.29	2.29	5.89	0.10	5.88	858.49	26.63	41.94
Reach G	701	1	2621.11	2618.89	2.22	6.45	0.02		851.00		35.80
Reach G	700	1	2614.30	2613.15	1.14	6.50	0.32	0.09	890.91		47.68

HYDRAULIC DEPTH TABLE

HEC-RAS Plan: Default Scenario River: Reach G Reach: Reach G Profile: 1

Reach	River Sta	Profile	Q Total (cfs)	W.S. Elev (ft)	Hydr Depth L (ft)	Hydr Depth C (ft)	Hydr Depth R (ft)	Q Left (cfs)	Q Channel (cfs)	Q Right (cfs)
Reach G	731	1	891.00	2775.29	0.48	1.55	0.25	19.82	889.11	2.07
Reach G	730	1	891.00	2772.88	0.99	3.58	1.44	97.21	707.56	86.22
Reach G	729	1	891.00	2766.57	1.21	2.43	0.80	259.89	578.68	52.63
Reach G	728	1	891.00	2763.16	1.78	3.75	1.25	204.76	573.57	112.67
Reach G	727	1	891.00	2758.60	1.08	2.22	0.43	493.55	391.33	6.12
Reach G	726	1	891.00	2754.56	1.31	3.08	1.32	258.54	525.72	105.74
Reach G	725	1	891.00	2748.74	0.60	2.32	1.06	132.94	621.81	136.25
Reach G	724	1	891.00	2744.90	0.99	2.35	0.84	78.17	684.62	128.21
Reach G	723	1	891.00	2741.60	1.16	2.04	1.06	314.56	337.15	239.28
Reach G	722	1	891.00	2738.99	1.45	1.86	1.07	420.72	445.45	24.83
Reach G	721	1	891.00	2735.08	1.05	2.78	1.89	66.95	548.42	275.63
Reach G	720	1	891.00	2731.73	1.03	3.38	1.45	210.07	562.07	118.86
Reach G	719	1	891.00	2725.57	0.62	2.26	0.77	215.10	642.35	33.55
Reach G	718	1	891.00	2721.15	1.05	1.79	0.77	386.78	450.14	54.09
Reach G	717	1	891.00	2713.50	0.17	1.04	0.38	10.29	785.54	95.18
Reach G	716	1	891.00	2708.35	0.84	2.40	1.03	69.36	634.96	186.88
Reach G	715	1	891.00	2703.76	1.51	2.45	1.00	57.84	307.11	526.25
Reach G	714	1	891.00	2698.57	1.22	3.05	1.13	398.41	466.10	28.49
Reach G	713	1	891.00	2693.56	0.98	1.60	0.39	94.43	607.75	198.82
Reach G	712	1	891.00	2688.12	0.74	1.12	0.93	273.99	338.63	278.38
Reach G	711.26	1	891.00	2686.47	0.49	1.76	1.08	101.07	410.35	379.58
Reach G	710.64	1	891.00	2683.16	0.58	1.99	0.20	188.53	697.00	7.47
Reach G	710	1	891.00	2680.52	1.53	1.39	0.99	331.37	243.38	316.25
Reach G	709	1	891.00	2674.59	1.17	3.35	0.38	175.63	702.08	13.39
Reach G	708	1	891.00	2667.42	0.95	1.97	0.76	95.82	494.70	300.48
Reach G	707	1	891.00	2661.28	0.96	1.75	0.49	552.40	299.21	39.39
Reach G	706	1	891.00	2656.37	0.41	1.84	0.81	90.09	530.73	270.18
Reach G	705	1	891.00	2651.97	0.54	1.75	0.74	116.95	737.45	36.60
Reach G	704	1	891.00	2635.30	0.05	2.68		0.01	890.99	
Reach G	703	1	891.00	2632.27	0.97	3.73	1.17	30.47	802.42	58.11
Reach G	702	1	891.00	2625.29	0.51	2.71	0.60	5.88	858.49	26.63
Reach G	701	1	891.00	2618.89		2.08			891.00	
Reach G	700	1	891.00	2613.15	0.13	2.22		0.09	890.91	

MANNING'S N-VALUE TABLE

HEC-RAS Plan: Default Scenario River: Reach G Reach: Reach G Profile: 1

Reach	River Sta	Profile	Q Total (cfs)	Mann Wtd Left	Mann Wtd Chnl	Mann Wtd Right	Mann Wtd Total
Reach G	731	1	891.00	0.030	0.030	0.030	0.028
Reach G	730	1	891.00	0.045	0.035	0.045	0.031
Reach G	729	1	891.00	0.045	0.035	0.045	0.035
Reach G	728	1	891.00	0.045	0.035	0.045	0.034
Reach G	727	1	891.00	0.045	0.035	0.045	0.038
Reach G	726	1	891.00	0.045	0.035	0.045	0.036
Reach G	725	1	891.00	0.045	0.035	0.045	0.030
Reach G	724	1	891.00	0.060	0.030	0.045	0.031
Reach G	723	1	891.00	0.060	0.030	0.045	0.043
Reach G	722	1	891.00	0.060	0.030	0.045	0.044
Reach G	721	1	891.00	0.060	0.060	0.060	0.058
Reach G	720	1	891.00	0.045	0.035	0.060	0.035
Reach G	719	1	891.00	0.045	0.030	0.045	0.027
Reach G	718	1	891.00	0.060	0.035	0.045	0.045
Reach G	717	1	891.00	0.045	0.030	0.045	0.026
Reach G	716	1	891.00	0.045	0.035	0.045	0.034
Reach G	715	1	891.00	0.060	0.030	0.045	0.038
Reach G	714	1	891.00	0.045	0.035	0.060	0.037
Reach G	713	1	891.00	0.045	0.030	0.045	0.027
Reach G	712	1	891.00	0.045	0.030	0.045	0.039
Reach G	711.26	1	891.00	0.045	0.030	0.045	0.034
Reach G	710.64	1	891.00	0.045	0.030	0.045	0.026
Reach G	710	1	891.00	0.045	0.035	0.045	0.041
Reach G	709	1	891.00	0.045	0.030	0.045	0.026
Reach G	708	1	891.00	0.045	0.035	0.045	0.035
Reach G	707	1	891.00	0.045	0.030	0.045	0.038
Reach G	706	1	891.00	0.045	0.030	0.045	0.030
Reach G	705	1	891.00	0.045	0.030	0.045	0.027
Reach G	704	1	891.00	0.045	0.035		0.035
Reach G	703	1	891.00	0.045	0.035	0.060	0.031
Reach G	702	1	891.00	0.045	0.035	0.045	0.030
Reach G	701	1	891.00		0.035		0.035
Reach G	700	1	891.00	0.045	0.030		0.030

WATERHSED H

HEC-RAS OUTPUT

Plan: Default Scenario Reach H Reach H RS: 825 Profile: 1

E.G. Elev (ft)	2868.74	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.55	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2868.19	Reach Len. (ft)	288.86	288.86	288.86
Crit W.S. (ft)	2868.29	Flow Area (sq ft)	12.86	27.76	20.27
E.G. Slope (ft/ft)	0.015992	Area (sq ft)	12.86	27.76	20.27
Q Total (cfs)	288.50	Flow (cfs)	38.42	194.41	55.67
Top Width (ft)	77.69	Top Width (ft)	21.19	18.59	37.90
Vel Total (ft/s)	4.74	Avg. Vel. (ft/s)	2.99	7.00	2.75
Max Chl Dpth (ft)	1.68	Hydr. Depth (ft)	0.61	1.49	0.53
Conv. Total (cfs)	2281.3	Conv. (cfs)	303.8	1537.3	440.2
Length Wtd. (ft)	288.86	Wetted Per. (ft)	21.24	18.63	37.98
Min Ch El (ft)	2866.51	Shear (lb/sq ft)	0.60	1.49	0.53
Alpha	1.59	Stream Power (lb/ft s)	322.12	0.00	0.00
Frctn Loss (ft)		Cum Volume (acre-ft)	4.27	6.93	2.05
C & E Loss (ft)		Cum SA (acres)	7.23	6.24	3.69

Plan: Default Scenario Reach H Reach H RS: 824 Profile: 1

E.G. Elev (ft)	2862.73	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.04	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2861.69	Reach Len. (ft)	267.45	267.45	267.45
Crit W.S. (ft)	2861.96	Flow Area (sq ft)	2.15	32.18	3.51
E.G. Slope (ft/ft)	0.027634	Area (sq ft)	2.15	32.18	3.51
Q Total (cfs)	288.50	Flow (cfs)	7.17	271.02	10.31
Top Width (ft)	37.95	Top Width (ft)	4.41	24.59	8.95
Vel Total (ft/s)	7.62	Avg. Vel. (ft/s)	3.34	8.42	2.93
Max Chl Dpth (ft)	1.92	Hydr. Depth (ft)	0.49	1.31	0.39
Conv. Total (cfs)	1735.5	Conv. (cfs)	43.1	1630.3	62.0
Length Wtd. (ft)	267.45	Wetted Per. (ft)	4.51	24.69	8.99
Min Ch El (ft)	2859.77	Shear (lb/sq ft)	0.82	2.25	0.67
Alpha	1.16	Stream Power (lb/ft s)	245.87	0.00	0.00
Frctn Loss (ft)	5.96	Cum Volume (acre-ft)	4.22	6.73	1.98
C & E Loss (ft)	0.05	Cum SA (acres)	7.15	6.10	3.53

Plan: Default Scenario Reach H Reach H RS: 823 Profile: 1

E.G. Elev (ft)	2858.83	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.38	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2858.45	Reach Len. (ft)	355.56	355.56	355.56
Crit W.S. (ft)	2858.45	Flow Area (sq ft)	14.00	45.66	9.48
E.G. Slope (ft/ft)	0.011714	Area (sq ft)	14.00	45.66	9.48
Q Total (cfs)	288.50	Flow (cfs)	29.07	242.21	17.23
Top Width (ft)	94.37	Top Width (ft)	31.55	36.66	26.16
Vel Total (ft/s)	4.17	Avg. Vel. (ft/s)	2.08	5.30	1.82
Max Chl Dpth (ft)	2.26	Hydr. Depth (ft)	0.44	1.25	0.36
Conv. Total (cfs)	2665.5	Conv. (cfs)	268.6	2237.8	159.2
Length Wtd. (ft)	355.56	Wetted Per. (ft)	31.59	36.81	26.17
Min Ch El (ft)	2856.19	Shear (lb/sq ft)	0.32	0.91	0.26
Alpha	1.39	Stream Power (lb/ft s)	248.30	0.00	0.00
Frctn Loss (ft)	5.10	Cum Volume (acre-ft)	4.18	6.49	1.94
C & E Loss (ft)	0.00	Cum SA (acres)	7.04	5.91	3.42

Plan: Default Scenario Reach H Reach H RS: 822 Profile: 1

E.G. Elev (ft)	2853.55	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.40	Wt. n-Val.	0.045	0.045	0.045
W.S. Elev (ft)	2853.16	Reach Len. (ft)	436.46	436.46	436.46
Crit W.S. (ft)	2853.18	Flow Area (sq ft)	12.81	38.50	13.26
E.G. Slope (ft/ft)	0.019424	Area (sq ft)	12.81	38.50	13.26
Q Total (cfs)	288.50	Flow (cfs)	30.03	215.55	42.92
Top Width (ft)	85.83	Top Width (ft)	35.23	28.53	22.07
Vel Total (ft/s)	4.47	Avg. Vel. (ft/s)	2.34	5.60	3.24
Max Chl Dpth (ft)	1.77	Hydr. Depth (ft)	0.36	1.35	0.60
Conv. Total (cfs)	2070.0	Conv. (cfs)	215.4	1546.6	308.0
Length Wtd. (ft)	436.46	Wetted Per. (ft)	35.24	28.69	22.47
Min Ch El (ft)	2851.39	Shear (lb/sq ft)	0.44	1.63	0.72
Alpha	1.28	Stream Power (lb/ft s)	264.11	0.00	0.00
Frctn Loss (ft)	5.28	Cum Volume (acre-ft)	4.07	6.15	1.84
C & E Loss (ft)	0.00	Cum SA (acres)	6.77	5.65	3.23

Plan: Default Scenario Reach H Reach H RS: 821 Profile: 1

E.G. Elev (ft)	2847.60	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.60	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2847.00	Reach Len. (ft)	348.80	348.80	348.80
Crit W.S. (ft)	2847.02	Flow Area (sq ft)	3.07	32.12	20.77
E.G. Slope (ft/ft)	0.010042	Area (sq ft)	3.07	32.12	20.77
Q Total (cfs)	288.50	Flow (cfs)	5.93	221.77	60.80
Top Width (ft)	51.13	Top Width (ft)	6.79	19.48	24.86
Vel Total (ft/s)	5.16	Avg. Vel. (ft/s)	1.93	6.90	2.93
Max Chl Dpth (ft)	2.02	Hydr. Depth (ft)	0.45	1.65	0.84
Conv. Total (cfs)	2879.0	Conv. (cfs)	59.2	2213.1	606.7
Length Wtd. (ft)	348.80	Wetted Per. (ft)	6.86	19.58	24.95
Min Ch El (ft)	2844.98	Shear (lb/sq ft)	0.28	1.03	0.52
Alpha	1.45	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.93	Cum Volume (acre-ft)	3.99	5.80	1.67
C & E Loss (ft)	0.02	Cum SA (acres)	6.55	5.41	2.99

Plan: Default Scenario Reach H Reach H RS: 820 Profile: 1

E.G. Elev (ft)	2842.44	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.63	Wt. n-Val.	0.045	0.030	
W.S. Elev (ft)	2841.81	Reach Len. (ft)	291.20	291.20	291.20
Crit W.S. (ft)	2841.99	Flow Area (sq ft)	15.77	36.11	
E.G. Slope (ft/ft)	0.023956	Area (sq ft)	15.77	36.11	
Q Total (cfs)	288.50	Flow (cfs)	43.31	245.19	
Top Width (ft)	83.30	Top Width (ft)	40.04	43.26	
Vel Total (ft/s)	5.56	Avg. Vel. (ft/s)	2.75	6.79	
Max Chl Dpth (ft)	1.25	Hydr. Depth (ft)	0.39	0.83	
Conv. Total (cfs)	1864.0	Conv. (cfs)	279.8	1584.1	
Length Wtd. (ft)	291.20	Wetted Per. (ft)	40.05	43.32	
Min Ch El (ft)	2840.56	Shear (lb/sq ft)	0.59	1.25	
Alpha	1.30	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.16	Cum Volume (acre-ft)	3.91	5.52	1.59
C & E Loss (ft)	0.00	Cum SA (acres)	6.37	5.16	2.89

Plan: Default Scenario Reach H Reach H RS: 819 Profile: 1

E.G. Elev (ft)	2838.72	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.35	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2838.38	Reach Len. (ft)	406.40	406.40	406.40
Crit W.S. (ft)	2838.37	Flow Area (sq ft)	21.77	36.27	18.94
E.G. Slope (ft/ft)	0.010038	Area (sq ft)	21.77	36.27	18.94
Q Total (cfs)	288.50	Flow (cfs)	41.70	199.07	47.73
Top Width (ft)	108.87	Top Width (ft)	49.33	31.11	28.43
Vel Total (ft/s)	3.75	Avg. Vel. (ft/s)	1.92	5.49	2.52
Max Chl Dpth (ft)	1.71	Hydr. Depth (ft)	0.44	1.17	0.67
Conv. Total (cfs)	2879.5	Conv. (cfs)	416.2	1987.0	476.4
Length Wtd. (ft)	406.40	Wetted Per. (ft)	49.40	31.17	28.49
Min Ch El (ft)	2836.67	Shear (lb/sq ft)	0.28	0.73	0.42
Alpha	1.59	Stream Power (lb/ft s)	207.35	0.00	0.00
Frctn Loss (ft)	5.38	Cum Volume (acre-ft)	3.79	5.28	1.53
C & E Loss (ft)	0.02	Cum SA (acres)	6.07	4.91	2.80

Plan: Default Scenario Reach H Reach H RS: 818 Profile: 1

E.G. Elev (ft)	2832.38	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.36	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2832.02	Reach Len. (ft)	348.80	348.80	348.80
Crit W.S. (ft)	2832.10	Flow Area (sq ft)	21.75	21.41	25.76
E.G. Slope (ft/ft)	0.027003	Area (sq ft)	21.75	21.41	25.76
Q Total (cfs)	288.50	Flow (cfs)	79.34	131.40	77.76
Top Width (ft)	127.35	Top Width (ft)	39.38	25.89	62.09
Vel Total (ft/s)	4.19	Avg. Vel. (ft/s)	3.65	6.14	3.02
Max Chl Dpth (ft)	1.22	Hydr. Depth (ft)	0.55	0.83	0.41
Conv. Total (cfs)	1755.7	Conv. (cfs)	482.8	799.6	473.2
Length Wtd. (ft)	348.80	Wetted Per. (ft)	39.44	25.94	62.10
Min Ch El (ft)	2830.80	Shear (lb/sq ft)	0.93	1.39	0.70
Alpha	1.33	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	6.34	Cum Volume (acre-ft)	3.58	5.01	1.32
C & E Loss (ft)	0.00	Cum SA (acres)	5.65	4.64	2.37

Plan: Default Scenario Reach H Reach H RS: 817 Profile: 1

E.G. Elev (ft)	2826.96	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.26	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2826.70	Reach Len. (ft)	271.67	271.67	271.67
Crit W.S. (ft)	2826.65	Flow Area (sq ft)	36.67	25.79	22.01
E.G. Slope (ft/ft)	0.012890	Area (sq ft)	36.67	25.79	22.01
Q Total (cfs)	288.50	Flow (cfs)	94.80	136.93	56.77
Top Width (ft)	124.74	Top Width (ft)	63.99	22.20	38.54
Vel Total (ft/s)	3.42	Avg. Vel. (ft/s)	2.59	5.31	2.58
Max Chl Dpth (ft)	1.73	Hydr. Depth (ft)	0.57	1.16	0.57
Conv. Total (cfs)	2541.1	Conv. (cfs)	835.0	1206.1	500.0
Length Wtd. (ft)	271.67	Wetted Per. (ft)	64.01	22.32	38.56
Min Ch El (ft)	2824.97	Shear (lb/sq ft)	0.46	0.93	0.46
Alpha	1.45	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	3.67	Cum Volume (acre-ft)	3.35	4.82	1.13
C & E Loss (ft)	0.01	Cum SA (acres)	5.24	4.45	1.97

Plan: Default Scenario Reach H Reach H RS: 816 Profile: 1

E.G. Elev (ft)	2823.29	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.35	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2822.94	Reach Len. (ft)	387.57	387.57	387.57
Crit W.S. (ft)	2822.94	Flow Area (sq ft)	48.38	23.62	1.64
E.G. Slope (ft/ft)	0.014147	Area (sq ft)	48.38	23.62	1.64
Q Total (cfs)	288.50	Flow (cfs)	143.80	142.12	2.58
Top Width (ft)	102.68	Top Width (ft)	73.45	22.76	6.47
Vel Total (ft/s)	3.92	Avg. Vel. (ft/s)	2.97	6.02	1.57
Max Chl Dpth (ft)	1.62	Hydr. Depth (ft)	0.66	1.04	0.25
Conv. Total (cfs)	2425.6	Conv. (cfs)	1209.0	1194.9	21.7
Length Wtd. (ft)	387.57	Wetted Per. (ft)	73.50	22.90	6.49
Min Ch El (ft)	2821.32	Shear (lb/sq ft)	0.58	0.91	0.22
Alpha	1.45	Stream Power (lb/ft s)	215.28	0.00	0.00
Frctn Loss (ft)	4.84	Cum Volume (acre-ft)	3.08	4.67	1.05
C & E Loss (ft)	0.03	Cum SA (acres)	4.81	4.31	1.83

Plan: Default Scenario Reach H Reach H RS: 815 Profile: 1

E.G. Elev (ft)	2818.17	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.25	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2817.93	Reach Len. (ft)	349.43	349.43	349.43
Crit W.S. (ft)	2817.86	Flow Area (sq ft)	48.47	21.72	17.35
E.G. Slope (ft/ft)	0.011087	Area (sq ft)	48.47	21.72	17.35
Q Total (cfs)	288.50	Flow (cfs)	132.48	116.60	39.42
Top Width (ft)	123.03	Top Width (ft)	69.47	20.72	32.84
Vel Total (ft/s)	3.30	Avg. Vel. (ft/s)	2.73	5.37	2.27
Max Chl Dpth (ft)	1.42	Hydr. Depth (ft)	0.70	1.05	0.53
Conv. Total (cfs)	2739.9	Conv. (cfs)	1258.2	1107.4	374.4
Length Wtd. (ft)	349.43	Wetted Per. (ft)	69.55	20.80	32.86
Min Ch El (ft)	2816.51	Shear (lb/sq ft)	0.48	0.72	0.37
Alpha	1.45	Stream Power (lb/ft s)	271.28	0.00	0.00
Frctn Loss (ft)	4.32	Cum Volume (acre-ft)	2.65	4.47	0.97
C & E Loss (ft)	0.00	Cum SA (acres)	4.18	4.11	1.66

Plan: Default Scenario Reach H Reach H RS: 814 Profile: 1

E.G. Elev (ft)	2813.86	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.29	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2813.58	Reach Len. (ft)	326.45	326.45	326.45
Crit W.S. (ft)	2813.58	Flow Area (sq ft)	40.95	33.48	8.20
E.G. Slope (ft/ft)	0.013843	Area (sq ft)	40.95	33.48	8.20
Q Total (cfs)	288.50	Flow (cfs)	95.35	173.86	19.29
Top Width (ft)	137.12	Top Width (ft)	88.21	31.56	17.35
Vel Total (ft/s)	3.49	Avg. Vel. (ft/s)	2.33	5.19	2.35
Max Chl Dpth (ft)	1.20	Hydr. Depth (ft)	0.46	1.06	0.47
Conv. Total (cfs)	2452.0	Conv. (cfs)	810.4	1477.7	164.0
Length Wtd. (ft)	326.45	Wetted Per. (ft)	88.26	31.58	17.37
Min Ch El (ft)	2812.38	Shear (lb/sq ft)	0.40	0.92	0.41
Alpha	1.51	Stream Power (lb/ft s)	261.96	0.00	0.00
Frctn Loss (ft)	4.72	Cum Volume (acre-ft)	2.29	4.25	0.87
C & E Loss (ft)	0.01	Cum SA (acres)	3.54	3.90	1.46

Plan: Default Scenario Reach H Reach H RS: 813 Profile: 1

E.G. Elev (ft)	2809.12	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.36	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2808.76	Reach Len. (ft)	406.07	406.07	406.07
Crit W.S. (ft)	2808.73	Flow Area (sq ft)	46.55	21.84	0.21
E.G. Slope (ft/ft)	0.015119	Area (sq ft)	46.55	21.84	0.21
Q Total (cfs)	288.50	Flow (cfs)	154.42	133.87	0.22
Top Width (ft)	86.05	Top Width (ft)	63.00	21.51	1.54
Vel Total (ft/s)	4.21	Avg. Vel. (ft/s)	3.32	6.13	1.05
Max Chl Dpth (ft)	1.36	Hydr. Depth (ft)	0.74	1.02	0.13
Conv. Total (cfs)	2346.3	Conv. (cfs)	1255.9	1088.7	1.7
Length Wtd. (ft)	406.07	Wetted Per. (ft)	63.02	21.62	1.56
Min Ch El (ft)	2807.40	Shear (lb/sq ft)	0.70	0.95	0.12
Alpha	1.32	Stream Power (lb/ft s)	196.98	0.00	0.00
Frctn Loss (ft)	5.77	Cum Volume (acre-ft)	1.97	4.04	0.83
C & E Loss (ft)	0.08	Cum SA (acres)	2.98	3.71	1.38

Plan: Default Scenario Reach H Reach H RS: 812 Profile: 1

E.G. Elev (ft)	2803.27	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.10	Wt. n-Val.	0.060	0.035	0.060
W.S. Elev (ft)	2803.17	Reach Len. (ft)	371.01	371.01	371.01
Crit W.S. (ft)	2802.89	Flow Area (sq ft)	102.31	13.65	1.29
E.G. Slope (ft/ft)	0.013381	Area (sq ft)	102.31	13.65	1.29
Q Total (cfs)	288.50	Flow (cfs)	245.09	42.47	0.94
Top Width (ft)	170.82	Top Width (ft)	133.63	27.04	10.15
Vel Total (ft/s)	2.46	Avg. Vel. (ft/s)	2.40	3.11	0.73
Max Chl Dpth (ft)	1.47	Hydr. Depth (ft)	0.77	0.50	0.13
Conv. Total (cfs)	2494.0	Conv. (cfs)	2118.7	367.1	8.1
Length Wtd. (ft)	371.01	Wetted Per. (ft)	133.79	27.08	10.15
Min Ch El (ft)	2802.37	Shear (lb/sq ft)	0.64	0.42	0.11
Alpha	1.04	Stream Power (lb/ft s)	315.87	0.00	0.00
Frctn Loss (ft)	4.97	Cum Volume (acre-ft)	1.27	3.87	0.83
C & E Loss (ft)	0.03	Cum SA (acres)	2.06	3.48	1.33

Plan: Default Scenario Reach H Reach H RS: 811 Profile: 1

E.G. Elev (ft)	2798.26	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.44	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2797.81	Reach Len. (ft)	329.39	329.39	329.39
Crit W.S. (ft)	2797.81	Flow Area (sq ft)	1.83	38.82	22.27
E.G. Slope (ft/ft)	0.013423	Area (sq ft)	1.83	38.82	22.27
Q Total (cfs)	288.50	Flow (cfs)	3.10	227.99	57.41
Top Width (ft)	75.97	Top Width (ft)	6.19	29.54	40.24
Vel Total (ft/s)	4.59	Avg. Vel. (ft/s)	1.69	5.87	2.58
Max Chl Dpth (ft)	2.18	Hydr. Depth (ft)	0.30	1.31	0.55
Conv. Total (cfs)	2490.1	Conv. (cfs)	26.8	1967.9	495.5
Length Wtd. (ft)	329.39	Wetted Per. (ft)	6.22	29.75	40.25
Min Ch El (ft)	2795.63	Shear (lb/sq ft)	0.25	1.09	0.46
Alpha	1.36	Stream Power (lb/ft s)	262.84	0.00	0.00
Frctn Loss (ft)	4.45	Cum Volume (acre-ft)	0.83	3.65	0.73
C & E Loss (ft)	0.03	Cum SA (acres)	1.47	3.24	1.12

Plan: Default Scenario Reach H Reach H RS: 810 Profile: 1

E.G. Elev (ft)	2793.41	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.35	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2793.06	Reach Len. (ft)	340.44	340.44	340.44
Crit W.S. (ft)	2793.01	Flow Area (sq ft)	0.86	58.37	4.36
E.G. Slope (ft/ft)	0.013593	Area (sq ft)	0.86	58.37	4.36
Q Total (cfs)	288.50	Flow (cfs)	1.00	280.41	7.08
Top Width (ft)	81.95	Top Width (ft)	5.09	60.96	15.90
Vel Total (ft/s)	4.54	Avg. Vel. (ft/s)	1.17	4.80	1.62
Max Chl Dpth (ft)	1.47	Hydr. Depth (ft)	0.17	0.96	0.27
Conv. Total (cfs)	2474.5	Conv. (cfs)	8.6	2405.2	60.8
Length Wtd. (ft)	340.44	Wetted Per. (ft)	5.14	61.04	15.91
Min Ch El (ft)	2791.59	Shear (lb/sq ft)	0.14	0.81	0.23
Alpha	1.09	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.82	Cum Volume (acre-ft)	0.82	3.28	0.63
C & E Loss (ft)	0.01	Cum SA (acres)	1.42	2.90	0.90

Plan: Default Scenario Reach H Reach H RS: 809 Profile: 1

E.G. Elev (ft)	2788.59	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.30	Wt. n-Val.	0.045	0.030	0.000
W.S. Elev (ft)	2788.29	Reach Len. (ft)	357.16	357.16	357.16
Crit W.S. (ft)	2788.29	Flow Area (sq ft)	8.30	60.96	0.01
E.G. Slope (ft/ft)	0.014733	Area (sq ft)	8.30	60.96	0.01
Q Total (cfs)	288.50	Flow (cfs)	14.73	273.77	0.00
Top Width (ft)	123.87	Top Width (ft)	28.11	94.29	1.47
Vel Total (ft/s)	4.17	Avg. Vel. (ft/s)	1.78	4.49	0.12
Max Chl Dpth (ft)	1.03	Hydr. Depth (ft)	0.30	0.65	0.01
Conv. Total (cfs)	2376.9	Conv. (cfs)	121.4	2255.5	0.0
Length Wtd. (ft)	357.16	Wetted Per. (ft)	28.12	94.42	1.47
Min Ch El (ft)	2787.26	Shear (lb/sq ft)	0.27	0.59	
Alpha	1.11	Stream Power (lb/ft s)	329.67	0.00	0.00
Frctn Loss (ft)	5.66	Cum Volume (acre-ft)	0.78	2.82	0.61
C & E Loss (ft)	0.02	Cum SA (acres)	1.29	2.29	0.84

Plan: Default Scenario Reach H Reach H RS: 808 Profile: 1

E.G. Elev (ft)	2782.81	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.54	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2782.27	Reach Len. (ft)	373.73	373.73	373.73
Crit W.S. (ft)	2782.29	Flow Area (sq ft)	0.03	48.81	0.10
E.G. Slope (ft/ft)	0.018395	Area (sq ft)	0.03	48.81	0.10
Q Total (cfs)	288.50	Flow (cfs)	0.02	288.43	0.05
Top Width (ft)	48.98	Top Width (ft)	0.58	46.33	2.08
Vel Total (ft/s)	5.90	Avg. Vel. (ft/s)	0.57	5.91	0.57
Max Chl Dpth (ft)	2.64	Hydr. Depth (ft)	0.05	1.05	0.05
Conv. Total (cfs)	2127.1	Conv. (cfs)	0.1	2126.6	0.4
Length Wtd. (ft)	373.73	Wetted Per. (ft)	0.58	46.94	2.08
Min Ch El (ft)	2779.63	Shear (lb/sq ft)	0.05	1.19	0.05
Alpha	1.00	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.77	Cum Volume (acre-ft)	0.75	2.37	0.61
C & E Loss (ft)	0.02	Cum SA (acres)	1.18	1.71	0.82

Plan: Default Scenario Reach H Reach H RS: 807 Profile: 1

E.G. Elev (ft)	2778.32	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.47	Wt. n-Val.	0.060	0.035	0.045
W.S. Elev (ft)	2777.85	Reach Len. (ft)	281.04	281.04	281.04
Crit W.S. (ft)	2777.68	Flow Area (sq ft)	8.01	46.01	6.25
E.G. Slope (ft/ft)	0.008594	Area (sq ft)	8.01	46.01	6.25
Q Total (cfs)	288.50	Flow (cfs)	16.01	262.96	9.53
Top Width (ft)	53.61	Top Width (ft)	9.67	26.18	17.76
Vel Total (ft/s)	4.79	Avg. Vel. (ft/s)	2.00	5.72	1.52
Max Chl Dpth (ft)	2.35	Hydr. Depth (ft)	0.83	1.76	0.35
Conv. Total (cfs)	3112.1	Conv. (cfs)	172.7	2836.6	102.8
Length Wtd. (ft)	281.04	Wetted Per. (ft)	9.85	26.29	17.79
Min Ch El (ft)	2775.50	Shear (lb/sq ft)	0.44	0.94	0.19
Alpha	1.31	Stream Power (lb/ft s)	223.58	0.00	0.00
Frctn Loss (ft)	3.05	Cum Volume (acre-ft)	0.71	1.96	0.58
C & E Loss (ft)	0.01	Cum SA (acres)	1.13	1.40	0.74

Plan: Default Scenario Reach H Reach H RS: 806 Profile: 1

E.G. Elev (ft)	2775.25	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.58	Wt. n-Val.	0.060	0.035	0.045
W.S. Elev (ft)	2774.68	Reach Len. (ft)	445.69	445.69	445.69
Crit W.S. (ft)	2774.68	Flow Area (sq ft)	16.29	39.42	1.33
E.G. Slope (ft/ft)	0.014181	Area (sq ft)	16.29	39.42	1.33
Q Total (cfs)	288.50	Flow (cfs)	31.35	254.52	2.64
Top Width (ft)	63.05	Top Width (ft)	32.32	27.08	3.65
Vel Total (ft/s)	5.06	Avg. Vel. (ft/s)	1.92	6.46	1.98
Max Chl Dpth (ft)	2.36	Hydr. Depth (ft)	0.50	1.46	0.37
Conv. Total (cfs)	2422.7	Conv. (cfs)	263.2	2137.3	22.2
Length Wtd. (ft)	445.69	Wetted Per. (ft)	32.37	27.32	3.74
Min Ch El (ft)	2772.32	Shear (lb/sq ft)	0.45	1.28	0.32
Alpha	1.45	Stream Power (lb/ft s)	222.89	0.00	0.00
Frctn Loss (ft)	4.24	Cum Volume (acre-ft)	0.64	1.68	0.56
C & E Loss (ft)	0.10	Cum SA (acres)	1.00	1.23	0.67

Plan: Default Scenario Reach H Reach H RS: 805 Profile: 1

E.G. Elev (ft)	2769.93	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.25	Wt. n-Val.	0.060	0.035	0.045
W.S. Elev (ft)	2769.68	Reach Len. (ft)	278.41	278.41	278.41
Crit W.S. (ft)	2769.38	Flow Area (sq ft)	29.74	17.83	41.81
E.G. Slope (ft/ft)	0.006824	Area (sq ft)	29.74	17.83	41.81
Q Total (cfs)	288.50	Flow (cfs)	60.47	101.17	126.86
Top Width (ft)	74.00	Top Width (ft)	29.91	8.53	35.57
Vel Total (ft/s)	3.23	Avg. Vel. (ft/s)	2.03	5.68	3.03
Max Chl Dpth (ft)	2.44	Hydr. Depth (ft)	0.99	2.09	1.18
Conv. Total (cfs)	3492.3	Conv. (cfs)	731.9	1224.7	1535.7
Length Wtd. (ft)	278.41	Wetted Per. (ft)	30.03	8.66	35.65
Min Ch El (ft)	2767.24	Shear (lb/sq ft)	0.42	0.88	0.50
Alpha	1.56	Stream Power (lb/ft s)	123.71	0.00	0.00
Frctn Loss (ft)	2.82	Cum Volume (acre-ft)	0.40	1.39	0.34
C & E Loss (ft)	0.06	Cum SA (acres)	0.68	1.05	0.47

Plan: Default Scenario Reach H Reach H RS: 804 Profile: 1

E.G. Elev (ft)	2767.04	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.90	Wt. n-Val.	0.045	0.035	0.060
W.S. Elev (ft)	2766.14	Reach Len. (ft)	365.12	365.12	365.12
Crit W.S. (ft)	2766.14	Flow Area (sq ft)	15.28	27.29	3.95
E.G. Slope (ft/ft)	0.016571	Area (sq ft)	15.28	27.29	3.95
Q Total (cfs)	288.50	Flow (cfs)	51.08	229.09	8.33
Top Width (ft)	51.38	Top Width (ft)	29.91	14.22	7.25
Vel Total (ft/s)	6.20	Avg. Vel. (ft/s)	3.34	8.39	2.11
Max Chl Dpth (ft)	2.19	Hydr. Depth (ft)	0.51	1.92	0.55
Conv. Total (cfs)	2241.1	Conv. (cfs)	396.8	1779.6	64.7
Length Wtd. (ft)	365.12	Wetted Per. (ft)	30.00	14.34	7.36
Min Ch El (ft)	2763.95	Shear (lb/sq ft)	0.53	1.97	0.56
Alpha	1.51	Stream Power (lb/ft s)	172.35	0.00	0.00
Frctn Loss (ft)	5.60	Cum Volume (acre-ft)	0.26	1.25	0.19
C & E Loss (ft)	0.17	Cum SA (acres)	0.49	0.98	0.33

Plan: Default Scenario Reach H Reach H RS: 803 Profile: 1

E.G. Elev (ft)	2761.16	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.34	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2760.82	Reach Len. (ft)	348.80	348.80	348.80
Crit W.S. (ft)	2760.77	Flow Area (sq ft)	16.71	34.58	14.89
E.G. Slope (ft/ft)	0.014253	Area (sq ft)	16.71	34.58	14.89
Q Total (cfs)	288.50	Flow (cfs)	44.89	177.02	66.59
Top Width (ft)	84.15	Top Width (ft)	29.54	42.54	12.08
Vel Total (ft/s)	4.36	Avg. Vel. (ft/s)	2.69	5.12	4.47
Max Chl Dpth (ft)	2.94	Hydr. Depth (ft)	0.57	0.81	1.23
Conv. Total (cfs)	2416.5	Conv. (cfs)	376.0	1482.7	557.7
Length Wtd. (ft)	348.80	Wetted Per. (ft)	29.70	42.92	12.32
Min Ch El (ft)	2757.88	Shear (lb/sq ft)	0.50	0.72	1.08
Alpha	1.15	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.43	Cum Volume (acre-ft)	0.12	0.99	0.11
C & E Loss (ft)	0.02	Cum SA (acres)	0.24	0.74	0.25

Plan: Default Scenario Reach H Reach H RS: 802 Profile: 1

E.G. Elev (ft)	2756.72	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.56	Wt. n-Val.	0.060	0.035	0.045
W.S. Elev (ft)	2756.15	Reach Len. (ft)	348.80	348.80	348.80
Crit W.S. (ft)	2755.98	Flow Area (sq ft)	0.57	47.51	1.21
E.G. Slope (ft/ft)	0.011379	Area (sq ft)	0.57	47.51	1.21
Q Total (cfs)	288.50	Flow (cfs)	0.53	287.13	0.84
Top Width (ft)	47.55	Top Width (ft)	2.70	30.32	14.54
Vel Total (ft/s)	5.85	Avg. Vel. (ft/s)	0.93	6.04	0.69
Max Chl Dpth (ft)	2.86	Hydr. Depth (ft)	0.21	1.57	0.08
Conv. Total (cfs)	2704.5	Conv. (cfs)	4.9	2691.7	7.9
Length Wtd. (ft)	348.80	Wetted Per. (ft)	2.73	30.82	14.55
Min Ch El (ft)	2753.29	Shear (lb/sq ft)	0.15	1.10	0.06
Alpha	1.06	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.24	Cum Volume (acre-ft)	0.05	0.66	0.05
C & E Loss (ft)	0.02	Cum SA (acres)	0.11	0.45	0.14

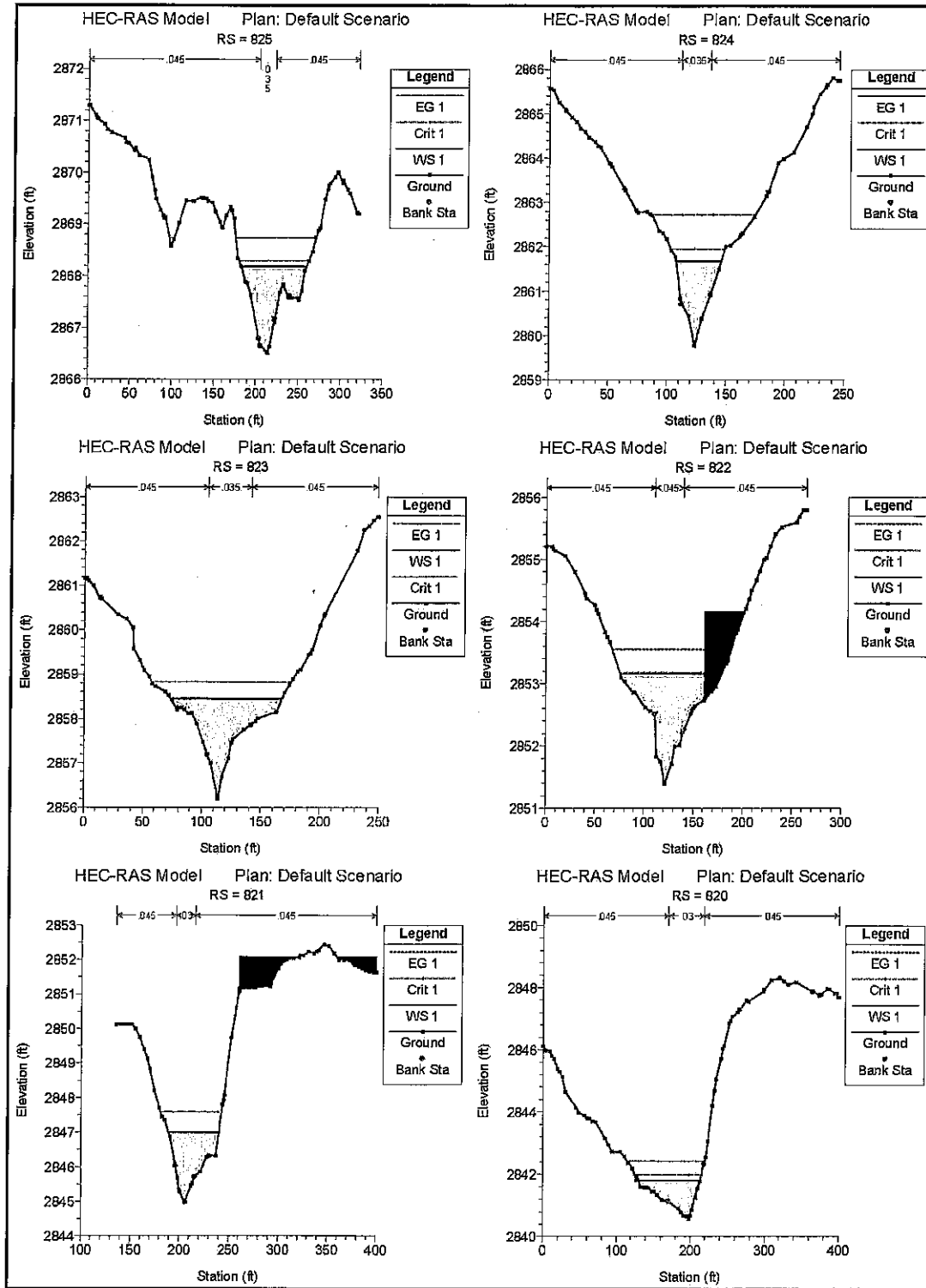
Plan: Default Scenario Reach H Reach H RS: 801 Profile: 1

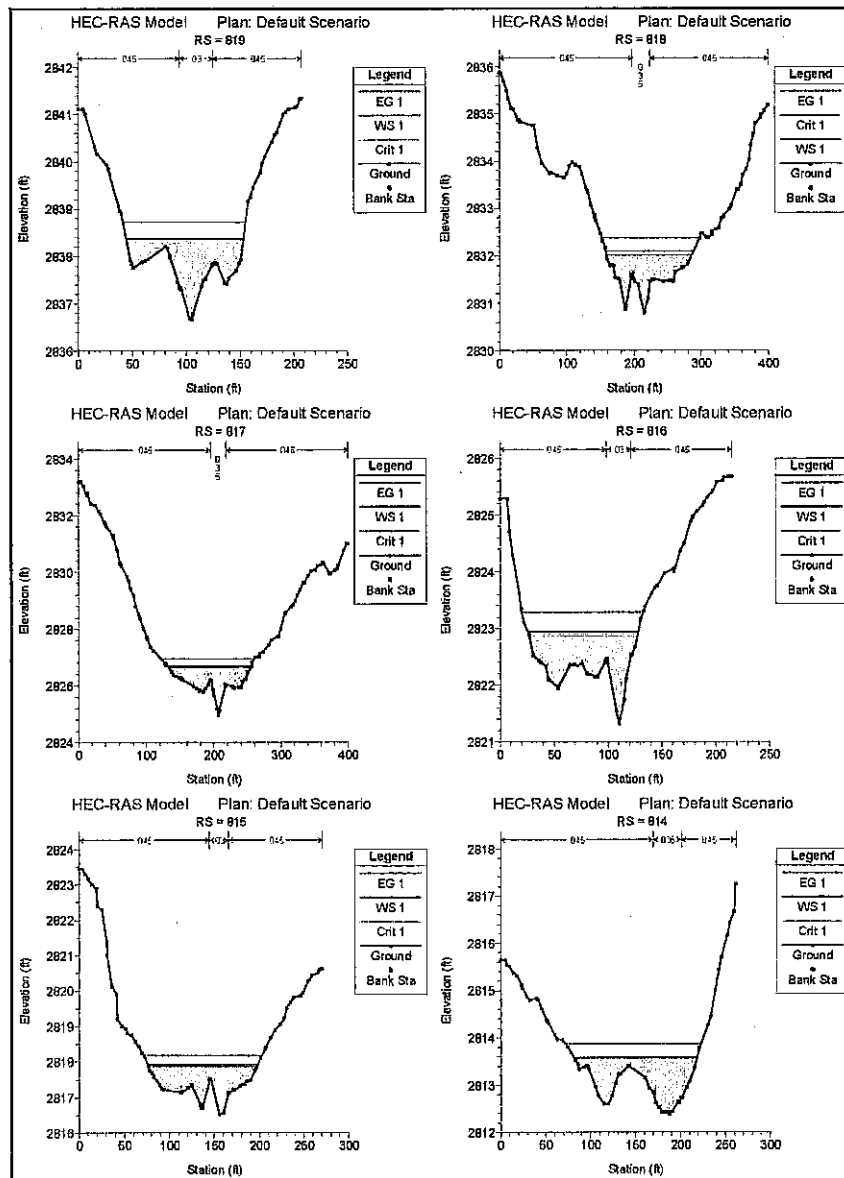
E.G. Elev (ft)	2752.46	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.80	Wt. n-Val.	0.060	0.035	0.060
W.S. Elev (ft)	2751.67	Reach Len. (ft)	348.24	348.24	348.24
Crit W.S. (ft)	2751.67	Flow Area (sq ft)	5.60	36.46	4.38
E.G. Slope (ft/ft)	0.012989	Area (sq ft)	5.60	36.46	4.38
Q Total (cfs)	288.50	Flow (cfs)	10.93	269.36	8.22
Top Width (ft)	36.73	Top Width (ft)	9.67	19.06	8.00
Vel Total (ft/s)	6.21	Avg. Vel. (ft/s)	1.95	7.39	1.88
Max Chl Dpth (ft)	2.64	Hydr. Depth (ft)	0.58	1.91	0.55
Conv. Total (cfs)	2531.3	Conv. (cfs)	95.9	2363.4	72.1
Length Wtd. (ft)	348.24	Wetted Per. (ft)	9.74	19.32	8.08
Min Ch El (ft)	2749.03	Shear (lb/sq ft)	0.47	1.53	0.44
Alpha	1.33	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.36	Cum Volume (acre-ft)	0.03	0.32	0.02
C & E Loss (ft)	0.08	Cum SA (acres)	0.06	0.25	0.05

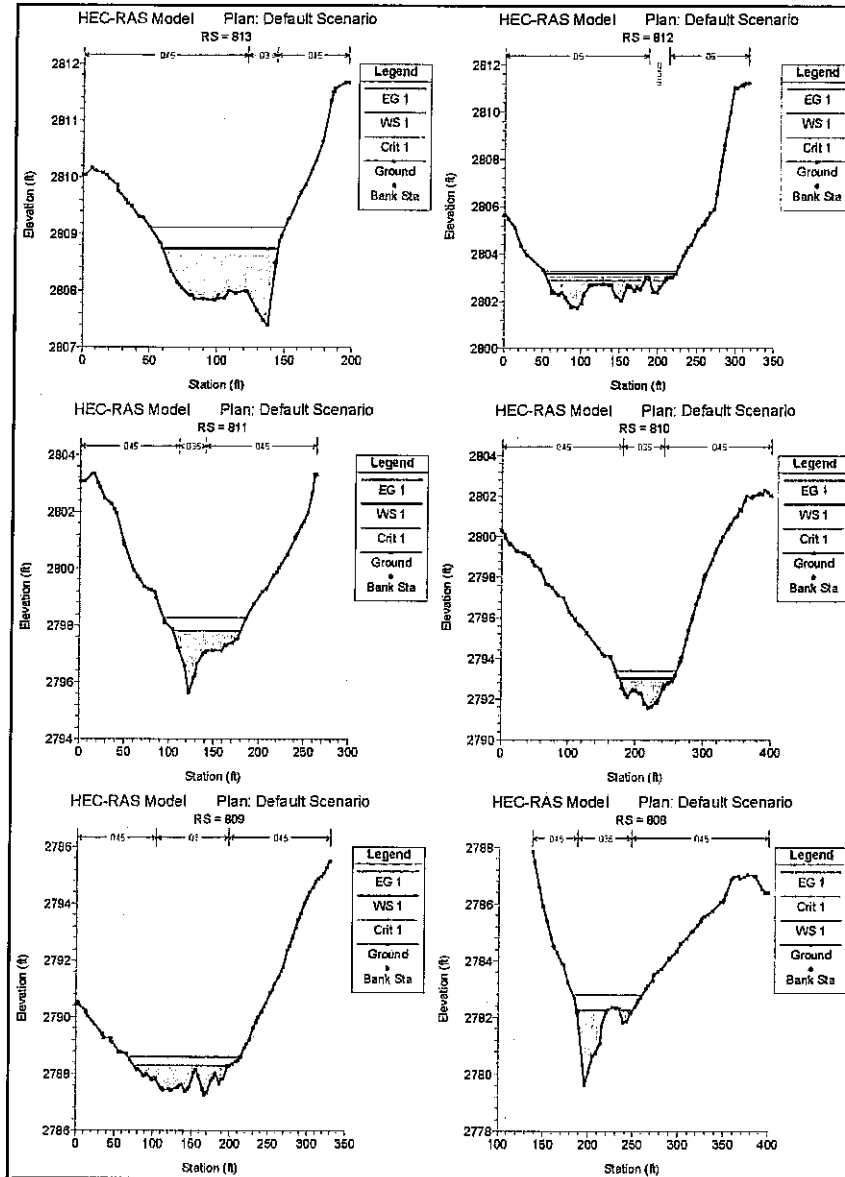
Plan: Default Scenario Reach H Reach H RS: 800 Profile: 1

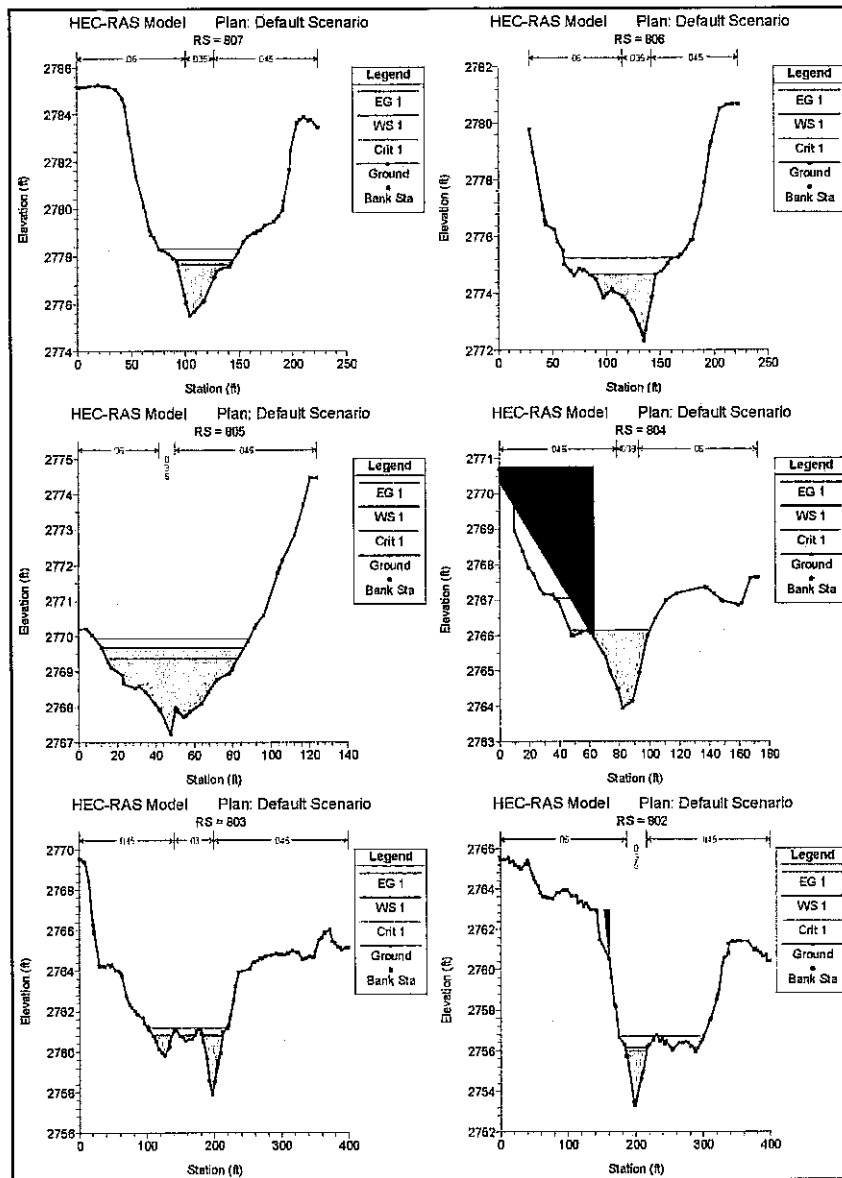
E.G. Elev (ft)	2747.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.62	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2746.77	Reach Len. (ft)			
Crit W.S. (ft)	2746.86	Flow Area (sq ft)	1.48	44.19	1.67
E.G. Slope (ft/ft)	0.016114	Area (sq ft)	1.48	44.19	1.67
Q Total (cfs)	288.50	Flow (cfs)	2.74	282.35	3.41
Top Width (ft)	52.96	Top Width (ft)	4.98	43.11	4.87
Vel Total (ft/s)	6.09	Avg. Vel. (ft/s)	1.86	6.39	2.04
Max Chl Dpth (ft)	1.39	Hydr. Depth (ft)	0.30	1.03	0.34
Conv. Total (cfs)	2272.7	Conv. (cfs)	21.6	2224.3	26.8
Length Wtd. (ft)		Wetted Per. (ft)	5.01	43.14	4.92
Min Ch El (ft)	2745.38	Shear (lb/sq ft)	0.30	1.03	0.34
Alpha	1.08	Stream Power (lb/ft s)	286.68	0.00	0.00
Frctn Loss (ft)	5.02	Cum Volume (acre-ft)			
C & E Loss (ft)	0.05	Cum SA (acres)			

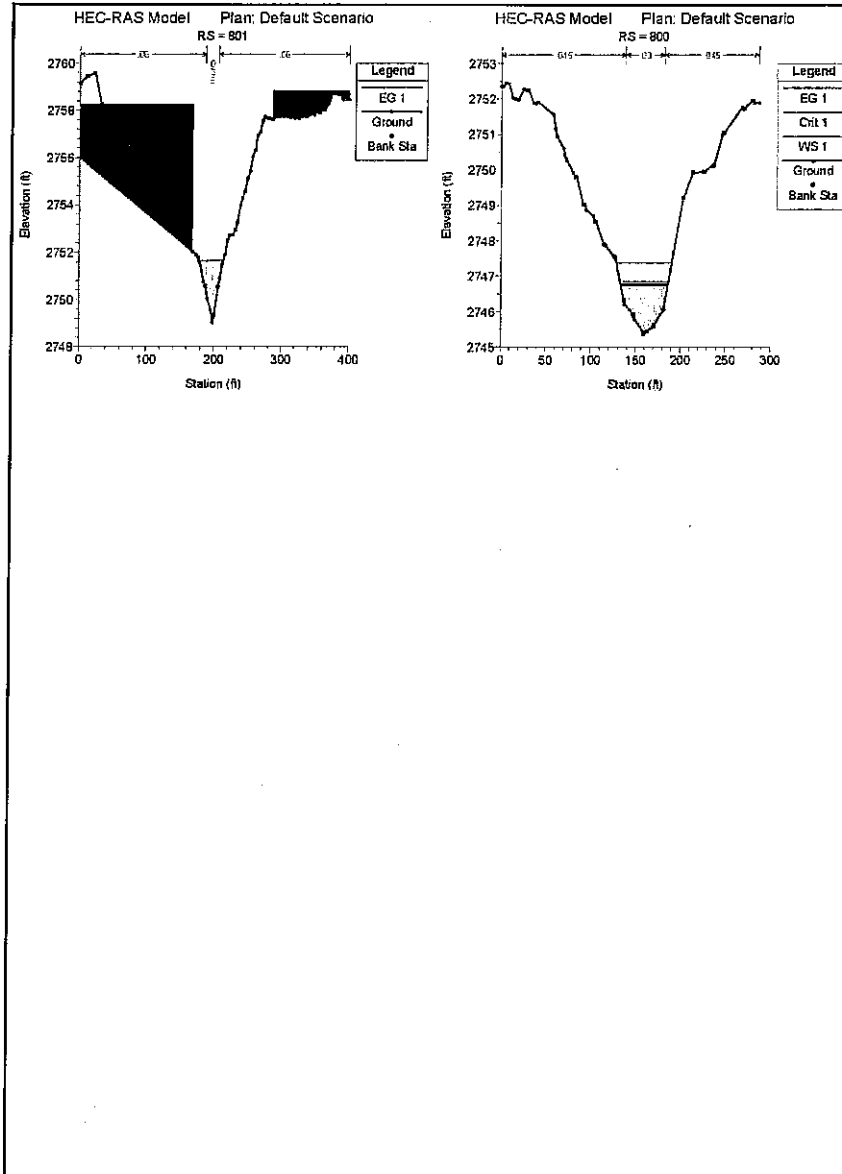
CROSS SECTION PLOTS



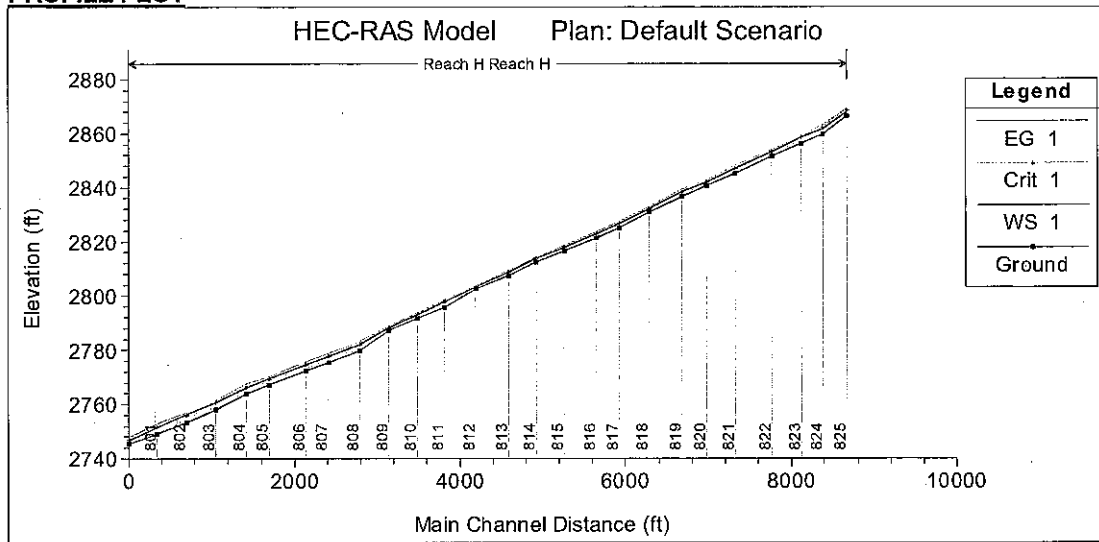








PROFILE PLOT



STANDARD TABLE 1

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach H	825	1	288.50	2888.51	2868.18	2868.29	2888.74	0.015992	7.00	80.88	77.89	1.01
Reach H	824	1	288.50	2858.77	2861.89	2861.96	2882.73	0.027824	8.42	37.84	37.95	1.30
Reach H	823	1	288.50	2856.19	2858.45	2858.45	2858.83	0.011714	5.30	69.14	94.37	0.64
Reach H	822	1	288.50	2851.39	2853.16	2853.18	2853.55	0.018424	5.80	64.57	85.83	0.65
Reach H	821	1	288.50	2844.95	2847.00	2847.02	2847.60	0.010042	8.00	55.96	51.13	0.95
Reach H	820	1	288.50	2840.56	2841.81	2841.99	2842.44	0.023958	8.78	51.88	83.30	1.31
Reach H	819	1	288.50	2838.67	2838.38	2838.37	2838.72	0.010038	5.48	78.87	108.87	0.90
Reach H	818	1	288.50	2830.80	2832.02	2832.10	2832.38	0.027003	6.14	68.92	127.35	1.18
Reach H	817	1	288.50	2824.97	2826.70	2826.65	2828.88	0.012890	5.31	84.47	124.74	0.87
Reach H	816	1	288.50	2821.32	2822.94	2822.94	2823.28	0.014147	8.02	73.65	102.89	1.04
Reach H	815	1	288.50	2818.51	2817.93	2817.88	2818.17	0.011087	5.37	87.55	123.09	0.92
Reach H	814	1	288.50	2812.38	2813.58	2813.58	2813.88	0.013843	5.18	62.62	137.12	0.89
Reach H	813	1	288.50	2807.40	2808.76	2808.73	2809.12	0.016119	8.13	68.58	88.05	1.07
Reach H	812	1	288.50	2802.37	2803.17	2802.88	2803.27	0.013381	3.11	117.26	170.82	0.77
Reach H	811	1	288.50	2795.63	2797.81	2797.81	2798.28	0.013423	5.87	82.91	75.97	0.90
Reach H	810	1	288.50	2791.59	2793.06	2793.01	2793.41	0.013563	4.80	83.59	81.95	0.97
Reach H	809	1	288.50	2787.26	2788.29	2788.29	2788.59	0.014733	4.49	89.26	123.87	0.98
Reach H	808	1	288.50	2779.83	2782.27	2782.28	2782.81	0.018995	5.01	46.83	48.88	1.01
Reach H	807	1	288.50	2775.50	2777.85	2777.68	2778.32	0.008594	5.72	80.27	63.81	0.78
Reach H	806	1	288.50	2772.32	2774.88	2774.88	2775.25	0.014181	6.45	57.05	83.05	0.94
Reach H	805	1	288.50	2767.24	2768.68	2768.38	2768.83	0.008824	5.68	88.38	74.00	0.89
Reach H	804	1	288.50	2763.85	2766.14	2766.14	2767.04	0.016571	8.39	48.53	51.38	1.07
Reach H	803	1	288.50	2757.88	2760.82	2760.77	2761.18	0.014252	5.12	86.18	94.15	1.00
Reach H	802	1	288.50	2753.29	2756.15	2755.88	2756.72	0.011379	6.04	49.29	47.55	0.85
Reach H	801	1	288.50	2748.03	2751.87	2751.87	2752.46	0.012888	7.39	46.44	36.73	0.94
Reach H	800	1	288.50	2745.38	2748.77	2748.88	2747.39	0.018114	8.39	47.34	52.99	1.11

STANDARD TABLE 2

HEC-RAS Plan: Default Scenario River: Reach H Reach: Reach H Profile: 1

Reach	River Sta	Profile	E.G. Elev (ft)	W.S. Elev (ft)	Vel Head (ft)	Frcn Loss (ft)	C & E Loss (ft)	Q Left (cfs)	Q Channel (cfs)	Q Right (cfs)	Top Width (ft)
Reach H	825	1	2868.74	2868.19	0.55			38.42	194.41	55.67	77.69
Reach H	824	1	2862.73	2861.89	1.04	5.96	0.05	7.17	271.02	10.31	37.95
Reach H	823	1	2858.83	2858.45	0.38	5.10	0.00	29.07	242.21	17.23	94.37
Reach H	822	1	2853.55	2853.16	0.40	5.28	0.00	30.03	215.55	42.92	85.83
Reach H	821	1	2847.60	2847.00	0.60	5.93	0.02	5.93	221.77	60.80	51.13
Reach H	820	1	2842.44	2841.81	0.63	5.16	0.00	43.31	245.19		93.30
Reach H	819	1	2838.72	2838.38	0.35	5.38	0.02	41.70	199.07	47.73	108.87
Reach H	818	1	2832.38	2832.02	0.36	6.34	0.00	79.34	131.40	77.76	127.35
Reach H	817	1	2826.96	2826.70	0.26	3.67	0.01	94.80	136.93	56.77	124.74
Reach H	816	1	2823.29	2822.94	0.35	4.84	0.03	143.80	142.12	2.56	102.68
Reach H	815	1	2818.17	2817.93	0.25	4.32	0.00	132.48	116.60	39.42	123.03
Reach H	814	1	2813.86	2813.58	0.29	4.72	0.01	95.35	173.88	19.29	137.12
Reach H	813	1	2809.12	2808.76	0.36	5.77	0.08	154.42	133.87	0.22	86.05
Reach H	812	1	2803.27	2803.17	0.10	4.97	0.03	245.09	42.47	0.94	170.82
Reach H	811	1	2798.26	2797.81	0.44	4.45	0.03	3.10	227.99	57.41	75.97
Reach H	810	1	2793.41	2793.06	0.35	4.82	0.01	1.00	280.41	7.08	81.95
Reach H	809	1	2788.59	2788.29	0.30	5.66	0.02	14.73	273.77	0.00	123.67
Reach H	808	1	2782.81	2782.27	0.54	5.77	0.02	0.02	288.43	0.05	48.98
Reach H	807	1	2776.32	2777.85	0.47	3.05	0.01	16.01	262.96	9.53	53.61
Reach H	806	1	2775.25	2774.68	0.58	4.24	0.10	31.35	254.52	2.64	63.05
Reach H	805	1	2769.93	2769.68	0.25	2.82	0.06	60.47	101.17	126.86	74.00
Reach H	804	1	2767.04	2766.14	0.90	5.60	0.17	51.08	229.09	8.33	51.38
Reach H	803	1	2761.16	2760.82	0.34	4.43	0.02	44.89	177.02	66.59	84.15
Reach H	802	1	2758.72	2756.15	0.58	4.24	0.02	0.53	287.13	0.84	47.55
Reach H	801	1	2752.46	2751.67	0.80	4.36	0.08	10.93	269.36	8.22	36.73
Reach H	800	1	2747.39	2746.77	0.62	5.02	0.05	2.74	282.35	3.41	52.86

HYDRAULIC DEPTH TABLE

HEC-RAS Plan: Default Scenario River: Reach H Reach: Reach H Profile: 1

Reach	River Sta	Profile	Q Total (cfs)	W.S. Elev (ft)	Hydr Depth L (ft)	Hydr Depth C (ft)	Hydr Depth R (ft)	Q Left (cfs)	Q Channel (cfs)	Q Right (cfs)
Reach H	825	1	288.50	2868.19	0.61	1.49	0.53	38.42	194.41	55.67
Reach H	824	1	288.50	2861.89	0.49	1.31	0.39	7.17	271.02	10.31
Reach H	823	1	288.50	2858.45	0.44	1.25	0.36	29.07	242.21	17.23
Reach H	822	1	288.50	2853.16	0.36	1.35	0.60	30.03	215.55	42.92
Reach H	821	1	288.50	2847.00	0.45	1.65	0.84	5.93	221.77	60.80
Reach H	820	1	288.50	2841.81	0.39	0.83		43.31	245.19	
Reach H	819	1	288.50	2838.38	0.44	1.17	0.67	41.70	199.07	47.73
Reach H	818	1	288.50	2832.02	0.55	0.83	0.41	79.34	131.40	77.76
Reach H	817	1	288.50	2826.70	0.57	1.16		94.80	136.93	56.77
Reach H	816	1	288.50	2822.94	0.66	1.04	0.25	143.80	142.12	2.56
Reach H	815	1	288.50	2817.93	0.70	1.05	0.53	132.48	116.60	39.42
Reach H	814	1	288.50	2813.58	0.46	1.08	0.47	95.35	173.88	19.29
Reach H	813	1	288.50	2808.76	0.74	1.02	0.13	154.42	133.87	0.22
Reach H	812	1	288.50	2803.17	0.77	0.50	0.13	245.09	42.47	0.94
Reach H	811	1	288.50	2797.81	0.30	1.31	0.55	3.10	227.99	57.41
Reach H	810	1	288.50	2793.06	0.17	0.96	0.27	1.00	280.41	7.08
Reach H	809	1	288.50	2788.29	0.30	0.65	0.01	14.73	273.77	0.00
Reach H	808	1	288.50	2782.27	0.05	1.05	0.05	0.02	288.43	0.05
Reach H	807	1	288.50	2777.85	0.83	1.76	0.35	16.01	262.96	9.53
Reach H	806	1	288.50	2774.68	0.50	1.46	0.37	31.35	254.52	2.64
Reach H	805	1	288.50	2769.68	0.99	2.09	1.18	60.47	101.17	126.86
Reach H	804	1	288.50	2766.14	0.51	1.92	0.55	51.08	229.09	8.33
Reach H	803	1	288.50	2760.82	0.57	0.81	1.23	44.89	177.02	66.59
Reach H	802	1	288.50	2756.15	0.21	1.57	0.08	0.53	287.13	0.84
Reach H	801	1	288.50	2751.67	0.58	1.91	0.55	10.93	269.36	8.22
Reach H	800	1	288.50	2746.77	0.30	1.03	0.34	2.74	282.35	3.41

MANNING'S N-VALUE TABLE

HEC-RAS Plan: Default Scenario River: Reach H Reach: Reach H Profile: 1

Reach	River Sta	Profile	Q Total (cfs)	Mann Wtd Left	Mann Wtd Chnl	Mann Wtd Right	Mann Wtd Total
Reach H	825	1	288.50	0.045	0.035	0.045	0.034
Reach H	824	1	288.50	0.045	0.035	0.045	0.032
Reach H	823	1	288.50	0.045	0.035	0.045	0.031
Reach H	822	1	288.50	0.045	0.045	0.045	0.038
Reach H	821	1	288.50	0.045	0.030	0.045	0.031
Reach H	820	1	288.50	0.045	0.030		0.030
Reach H	819	1	288.50	0.045	0.030	0.045	0.031
Reach H	818	1	288.50	0.045	0.035	0.045	0.039
Reach H	817	1	288.50	0.045	0.035	0.045	0.038
Reach H	816	1	288.50	0.045	0.030	0.045	0.036
Reach H	815	1	288.50	0.045	0.030	0.045	0.038
Reach H	814	1	288.50	0.045	0.035	0.045	0.036
Reach H	813	1	288.50	0.045	0.030	0.045	0.037
Reach H	812	1	288.50	0.000	0.035	0.060	0.054
Reach H	811	1	288.50	0.045	0.035	0.045	0.033
Reach H	810	1	288.50	0.045	0.035	0.045	0.032
Reach H	809	1	288.50	0.045	0.030	0.000	0.029
Reach H	808	1	288.50	0.045	0.035	0.045	0.034
Reach H	807	1	288.50	0.060	0.035	0.045	0.031
Reach H	806	1	288.50	0.060	0.035	0.045	0.033
Reach H	805	1	288.50	0.060	0.035	0.045	0.043
Reach H	804	1	288.50	0.045	0.035	0.060	0.029
Reach H	803	1	288.50	0.045	0.030	0.045	0.034
Reach H	802	1	288.50	0.060	0.035	0.045	0.028
Reach H	801	1	288.50	0.060	0.035	0.060	0.032
Reach H	800	1	288.50	0.045	0.030	0.045	0.029

WATERHSED I

HEC-RAS OUTPUT

Plan: Default Scenario Reach 1 Reach 1 RS: 944 Profile: 1

E.G. Elev (ft)	2954.26	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.20	Wt. n-Val.	0.045	0.045	0.045
W.S. Elev (ft)	2954.06	Reach Len. (ft)	322.16	322.16	322.16
Crit W.S. (ft)	2953.92	Flow Area (sq ft)	69.70	48.98	47.73
E.G. Slope (ft/ft)	0.016167	Area (sq ft)	69.70	48.98	47.73
Q Total (cfs)	577.40	Flow (cfs)	208.90	210.44	158.06
Top Width (ft)	231.00	Top Width (ft)	115.56	47.32	68.11
Vel Total (ft/s)	3.47	Avg. Vel. (ft/s)	3.00	4.30	3.31
Max Chl Dpth (ft)	1.14	Hydr. Depth (ft)	0.60	1.04	0.70
Conv. Total (cfs)	4541.1	Conv. (cfs)	1642.9	1655.1	1243.1
Length Wtd. (ft)	322.16	Wetted Per. (ft)	115.57	47.32	68.13
Min Ch El (ft)	2952.92	Shear (lb/sq ft)	0.61	1.04	0.71
Alpha	1.08	Stream Power (lb/ft s)	529.19	0.00	0.00
Frctn Loss (ft)	4.22	Cum Volume (acre-ft)	10.14	20.31	9.32
C & E Loss (ft)	0.01	Cum SA (acres)	13.68	11.46	12.53

Plan: Default Scenario Reach 1 Reach 1 RS: 943 Profile: 1

E.G. Elev (ft)	2950.03	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.16	Wt. n-Val.	0.045	0.045	0.045
W.S. Elev (ft)	2949.88	Reach Len. (ft)	256.35	256.35	256.35
Crit W.S. (ft)		Flow Area (sq ft)	36.07	86.31	74.87
E.G. Slope (ft/ft)	0.010848	Area (sq ft)	36.07	86.31	74.87
Q Total (cfs)	577.40	Flow (cfs)	80.54	324.23	172.64
Top Width (ft)	280.89	Top Width (ft)	68.94	75.56	136.39
Vel Total (ft/s)	2.93	Avg. Vel. (ft/s)	2.23	3.76	2.31
Max Chl Dpth (ft)	1.38	Hydr. Depth (ft)	0.52	1.14	0.55
Conv. Total (cfs)	5543.8	Conv. (cfs)	773.3	3113.0	1657.5
Length Wtd. (ft)	256.35	Wetted Per. (ft)	68.95	75.61	136.40
Min Ch El (ft)	2948.50	Shear (lb/sq ft)	0.35	0.77	0.37
Alpha	1.19	Stream Power (lb/ft s)	523.68	0.00	0.00
Frctn Loss (ft)	3.38	Cum Volume (acre-ft)	9.75	19.81	8.87
C & E Loss (ft)	0.02	Cum SA (acres)	13.00	11.01	11.78

Plan: Default Scenario Reach 1 Reach 1 RS: 942 Profile: 1

E.G. Elev (ft)	2946.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.39	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2946.25	Reach Len. (ft)	380.08	380.08	380.08
Crit W.S. (ft)	2946.21	Flow Area (sq ft)	39.12	47.11	44.02
E.G. Slope (ft/ft)	0.016346	Area (sq ft)	39.12	47.11	44.02
Q Total (cfs)	577.40	Flow (cfs)	141.34	290.44	145.63
Top Width (ft)	151.65	Top Width (ft)	49.39	38.85	63.41
Vel Total (ft/s)	4.43	Avg. Vel. (ft/s)	3.61	6.17	3.31
Max Chl Dpth (ft)	1.66	Hydr. Depth (ft)	0.79	1.21	0.69
Conv. Total (cfs)	4516.1	Conv. (cfs)	1105.5	2271.7	1139.0
Length Wtd. (ft)	380.08	Wetted Per. (ft)	49.42	38.92	63.45
Min Ch El (ft)	2944.59	Shear (lb/sq ft)	0.81	1.24	0.71
Alpha	1.28	Stream Power (lb/ft s)	535.30	0.00	0.00
Frctn Loss (ft)	4.36	Cum Volume (acre-ft)	9.53	19.41	8.52
C & E Loss (ft)	0.01	Cum SA (acres)	12.65	10.67	11.19

Plan: Default Scenario Reach I Reach I RS: 941 Profile: 1

E.G. Elev (ft)	2942.26	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.54	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2941.73	Reach Len. (ft)	327.59	327.59	327.59
Crit W.S. (ft)	2941.73	Flow Area (sq ft)	32.34	72.43	20.32
E.G. Slope (ft/ft)	0.008489	Area (sq ft)	32.34	72.43	20.32
Q Total (cfs)	577.40	Flow (cfs)	63.53	467.91	45.96
Top Width (ft)	127.85	Top Width (ft)	62.31	33.87	31.68
Vel Total (ft/s)	4.62	Avg. Vel. (ft/s)	1.96	6.46	2.26
Max Chl Dpth (ft)	3.10	Hydr. Depth (ft)	0.52	2.14	0.64
Conv. Total (cfs)	6266.8	Conv. (cfs)	689.5	5078.5	498.8
Length Wtd. (ft)	327.59	Wetted Per. (ft)	62.33	34.12	31.70
Min Ch El (ft)	2938.63	Shear (lb/sq ft)	0.27	1.12	0.34
Alpha	1.63	Stream Power (lb/ft s)	378.99	0.00	0.00
Frctn Loss (ft)	3.82	Cum Volume (acre-ft)	9.21	18.89	8.24
C & E Loss (ft)	0.03	Cum SA (acres)	12.16	10.35	10.78

Plan: Default Scenario Reach I Reach I RS: 940 Profile: 1

E.G. Elev (ft)	2937.43	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.26	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2936.16	Reach Len. (ft)	209.53	209.53	209.53
Crit W.S. (ft)	2936.40	Flow Area (sq ft)	15.73	50.98	2.96
E.G. Slope (ft/ft)	0.029041	Area (sq ft)	15.73	50.98	2.96
Q Total (cfs)	577.40	Flow (cfs)	77.91	489.03	10.46
Top Width (ft)	58.05	Top Width (ft)	19.00	33.17	5.88
Vel Total (ft/s)	8.29	Avg. Vel. (ft/s)	4.95	9.59	3.53
Max Chl Dpth (ft)	2.39	Hydr. Depth (ft)	0.83	1.54	0.50
Conv. Total (cfs)	3388.2	Conv. (cfs)	457.2	2869.6	61.4
Length Wtd. (ft)	209.53	Wetted Per. (ft)	19.06	33.40	5.96
Min Ch El (ft)	2933.77	Shear (lb/sq ft)	1.50	2.77	0.90
Alpha	1.19	Stream Power (lb/ft s)	380.08	0.00	0.00
Frctn Loss (ft)	4.77	Cum Volume (acre-ft)	9.03	18.43	8.15
C & E Loss (ft)	0.07	Cum SA (acres)	11.86	10.10	10.63

Plan: Default Scenario Reach I Reach I RS: 939 Profile: 1

E.G. Elev (ft)	2933.83	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.39	Wt. n-Val.	0.045	0.035	0.060
W.S. Elev (ft)	2933.45	Reach Len. (ft)	214.86	214.86	214.86
Crit W.S. (ft)	2933.22	Flow Area (sq ft)	34.93	56.14	47.54
E.G. Slope (ft/ft)	0.009935	Area (sq ft)	34.93	56.14	47.54
Q Total (cfs)	577.40	Flow (cfs)	109.92	338.57	128.91
Top Width (ft)	111.53	Top Width (ft)	37.31	33.00	41.22
Vel Total (ft/s)	4.17	Avg. Vel. (ft/s)	3.15	6.03	2.71
Max Chl Dpth (ft)	1.75	Hydr. Depth (ft)	0.94	1.70	1.15
Conv. Total (cfs)	5792.8	Conv. (cfs)	1102.8	3396.7	1293.3
Length Wtd. (ft)	214.86	Wetted Per. (ft)	37.36	33.00	41.29
Min Ch El (ft)	2931.70	Shear (lb/sq ft)	0.58	1.06	0.71
Alpha	1.43	Stream Power (lb/ft s)	345.15	0.00	0.00
Frctn Loss (ft)	1.98	Cum Volume (acre-ft)	8.91	18.17	8.03
C & E Loss (ft)	0.00	Cum SA (acres)	11.72	9.94	10.52

Plan: Default Scenario Reach I Reach I RS: 938 Profile: 1

E.G. Elev (ft)	2931.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.43	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2931.42	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2931.42	Flow Area (sq ft)	46.17	47.29	50.71
E.G. Slope (ft/ft)	0.008572	Area (sq ft)	46.17	47.29	50.71
Q Total (cfs)	577.40	Flow (cfs)	150.25	313.00	114.15
Top Width (ft)	165.63	Top Width (ft)	41.98	21.58	102.08
Vel Total (ft/s)	4.00	Avg. Vel. (ft/s)	3.25	6.62	2.25
Max Chl Dpth (ft)	2.40	Hydr. Depth (ft)	1.10	2.19	0.50
Conv. Total (cfs)	6236.6	Conv. (cfs)	1622.9	3380.8	1232.9
Length Wtd. (ft)	352.55	Wetted Per. (ft)	42.05	21.64	102.11
Min Ch El (ft)	2929.02	Shear (lb/sq ft)	0.59	1.17	0.27
Alpha	1.71	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	3.27	Cum Volume (acre-ft)	8.71	17.92	7.79
C & E Loss (ft)	0.03	Cum SA (acres)	11.53	9.81	10.17

Plan: Default Scenario Reach I Reach I RS: 937 Profile: 1

E.G. Elev (ft)	2926.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.87	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2924.66	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2925.26	Flow Area (sq ft)	9.19	36.43	18.61
E.G. Slope (ft/ft)	0.030748	Area (sq ft)	9.19	36.43	18.61
Q Total (cfs)	577.40	Flow (cfs)	43.83	445.36	88.22
Top Width (ft)	54.41	Top Width (ft)	12.23	17.12	25.07
Vel Total (ft/s)	8.99	Avg. Vel. (ft/s)	4.77	12.22	4.74
Max Chl Dpth (ft)	2.76	Hydr. Depth (ft)	0.75	2.13	0.74
Conv. Total (cfs)	3292.8	Conv. (cfs)	249.9	2539.8	503.1
Length Wtd. (ft)	352.55	Wetted Per. (ft)	12.30	17.31	25.14
Min Ch El (ft)	2921.90	Shear (lb/sq ft)	1.43	4.04	1.42
Alpha	1.49	Stream Power (lb/ft s)	230.30	0.00	0.00
Frctn Loss (ft)	5.18	Cum Volume (acre-ft)	8.49	17.58	7.51
C & E Loss (ft)	0.14	Cum SA (acres)	11.31	9.65	9.65

Plan: Default Scenario Reach I Reach I RS: 936 Profile: 1

E.G. Elev (ft)	2920.88	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.52	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2920.35	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2920.37	Flow Area (sq ft)	58.42	48.15	23.28
E.G. Slope (ft/ft)	0.008751	Area (sq ft)	58.42	48.15	23.28
Q Total (cfs)	577.40	Flow (cfs)	157.56	343.80	76.03
Top Width (ft)	112.44	Top Width (ft)	71.37	19.75	21.32
Vel Total (ft/s)	4.45	Avg. Vel. (ft/s)	2.70	7.14	3.27
Max Chl Dpth (ft)	3.01	Hydr. Depth (ft)	0.82	2.44	1.09
Conv. Total (cfs)	6172.3	Conv. (cfs)	1684.3	3675.2	812.8
Length Wtd. (ft)	352.55	Wetted Per. (ft)	71.60	19.97	21.42
Min Ch El (ft)	2917.34	Shear (lb/sq ft)	0.45	1.32	0.59
Alpha	1.71	Stream Power (lb/ft s)	275.12	0.00	0.00
Frctn Loss (ft)	5.25	Cum Volume (acre-ft)	8.21	17.23	7.34
C & E Loss (ft)	0.40	Cum SA (acres)	10.97	9.50	9.47

Plan: Default Scenario Reach I Reach I RS: 935 Profile: 1

E.G. Elev (ft)	2915.83	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.52	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2914.30	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2914.79	Flow Area (sq ft)	15.02	50.33	5.30
E.G. Slope (ft/ft)	0.026118	Area (sq ft)	15.02	50.33	5.30
Q Total (cfs)	577.40	Flow (cfs)	37.50	522.33	17.57
Top Width (ft)	84.32	Top Width (ft)	46.90	26.66	10.77
Vel Total (ft/s)	8.17	Avg. Vel. (ft/s)	2.50	10.38	3.31
Max Chl Dpth (ft)	2.64	Hydr. Depth (ft)	0.32	1.89	0.49
Conv. Total (cfs)	3572.8	Conv. (cfs)	232.1	3232.0	108.7
Length Wtd. (ft)	352.55	Wetted Per. (ft)	46.92	27.05	10.83
Min Ch El (ft)	2911.66	Shear (lb/sq ft)	0.52	3.03	0.80
Alpha	1.47	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.95	Cum Volume (acre-ft)	7.92	16.84	7.22
C & E Loss (ft)	0.10	Cum SA (acres)	10.49	9.31	9.34

Plan: Default Scenario Reach I Reach I RS: 934 Profile: 1

E.G. Elev (ft)	2911.05	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.15	Wt. n-Val.	0.060	0.060	0.060
W.S. Elev (ft)	2910.90	Reach Len. (ft)	325.30	325.30	325.30
Crit W.S. (ft)	2910.37	Flow Area (sq ft)	72.02	91.42	36.35
E.G. Slope (ft/ft)	0.009604	Area (sq ft)	72.02	91.42	36.35
Q Total (cfs)	577.40	Flow (cfs)	184.45	320.15	72.80
Top Width (ft)	174.18	Top Width (ft)	66.36	52.73	55.09
Vel Total (ft/s)	2.89	Avg. Vel. (ft/s)	2.56	3.50	2.00
Max Chl Dpth (ft)	2.00	Hydr. Depth (ft)	1.09	1.73	0.66
Conv. Total (cfs)	5891.8	Conv. (cfs)	1882.2	3266.8	742.8
Length Wtd. (ft)	325.30	Wetted Per. (ft)	66.43	52.75	55.22
Min Ch El (ft)	2908.90	Shear (lb/sq ft)	0.65	1.04	0.39
Alpha	1.13	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.93	Cum Volume (acre-ft)	7.56	16.26	7.05
C & E Loss (ft)	0.03	Cum SA (acres)	10.03	8.99	9.07

Plan: Default Scenario Reach I Reach I RS: 933 Profile: 1

E.G. Elev (ft)	2906.09	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.49	Wt. n-Val.	0.045	0.060	0.045
W.S. Elev (ft)	2905.60	Reach Len. (ft)	379.80	379.80	379.80
Crit W.S. (ft)	2905.49	Flow Area (sq ft)	16.72	85.00	3.85
E.G. Slope (ft/ft)	0.027335	Area (sq ft)	16.72	85.00	3.85
Q Total (cfs)	577.40	Flow (cfs)	66.79	497.21	13.40
Top Width (ft)	83.64	Top Width (ft)	26.65	49.65	7.35
Vel Total (ft/s)	5.47	Avg. Vel. (ft/s)	4.00	5.85	3.48
Max Chl Dpth (ft)	2.16	Hydr. Depth (ft)	0.63	1.71	0.52
Conv. Total (cfs)	3492.4	Conv. (cfs)	404.0	3007.4	81.0
Length Wtd. (ft)	379.80	Wetted Per. (ft)	26.71	49.78	7.55
Min Ch El (ft)	2903.44	Shear (lb/sq ft)	1.07	2.91	0.87
Alpha	1.06	Stream Power (lb/ft s)	292.45	0.00	0.00
Frctn Loss (ft)	6.10	Cum Volume (acre-ft)	7.23	15.60	6.90
C & E Loss (ft)	0.06	Cum SA (acres)	9.68	8.61	8.84

Plan: Default Scenario Reach I Reach I RS: 932 Profile: 1

E.G. Elev (ft)	2899.93	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.04	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2898.89	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2898.89	Flow Area (sq ft)	5.12	65.32	8.32
E.G. Slope (ft/ft)	0.010543	Area (sq ft)	5.12	65.32	8.32
Q Total (cfs)	577.40	Flow (cfs)	10.48	547.94	18.99
Top Width (ft)	49.50	Top Width (ft)	10.89	23.72	14.89
Vel Total (ft/s)	7.33	Avg. Vel. (ft/s)	2.05	8.39	2.28
Max Chl Dpth (ft)	4.18	Hydr. Depth (ft)	0.47	2.75	0.56
Conv. Total (cfs)	5623.3	Conv. (cfs)	102.0	5336.4	184.9
Length Wtd. (ft)	352.55	Wetted Per. (ft)	10.93	24.47	15.05
Min Ch El (ft)	2894.71	Shear (lb/sq ft)	0.31	1.76	0.36
Alpha	1.25	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.32	Cum Volume (acre-ft)	7.14	14.95	6.85
C & E Loss (ft)	0.18	Cum SA (acres)	9.52	8.29	8.74

Plan: Default Scenario Reach I Reach I RS: 931 Profile: 1

E.G. Elev (ft)	2895.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.43	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2894.97	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2894.97	Flow Area (sq ft)	60.62	39.93	32.23
E.G. Slope (ft/ft)	0.014465	Area (sq ft)	60.62	39.93	32.23
Q Total (cfs)	577.40	Flow (cfs)	207.53	272.72	97.15
Top Width (ft)	149.93	Top Width (ft)	75.67	25.52	48.73
Vel Total (ft/s)	4.35	Avg. Vel. (ft/s)	3.42	6.83	3.01
Max Chl Dpth (ft)	2.19	Hydr. Depth (ft)	0.80	1.56	0.66
Conv. Total (cfs)	4800.8	Conv. (cfs)	1725.5	2267.5	807.8
Length Wtd. (ft)	352.55	Wetted Per. (ft)	75.73	25.81	48.76
Min Ch El (ft)	2892.77	Shear (lb/sq ft)	0.72	1.40	0.60
Alpha	1.47	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.36	Cum Volume (acre-ft)	6.87	14.52	6.69
C & E Loss (ft)	0.19	Cum SA (acres)	9.17	8.09	8.48

Plan: Default Scenario Reach I Reach I RS: 930 Profile: 1

E.G. Elev (ft)	2890.44	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.91	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2889.53	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2889.69	Flow Area (sq ft)	11.41	70.62	1.45
E.G. Slope (ft/ft)	0.013457	Area (sq ft)	11.41	70.62	1.45
Q Total (cfs)	577.40	Flow (cfs)	24.26	551.69	1.45
Top Width (ft)	72.95	Top Width (ft)	27.59	34.58	10.78
Vel Total (ft/s)	6.92	Avg. Vel. (ft/s)	2.13	7.81	1.00
Max Chl Dpth (ft)	3.70	Hydr. Depth (ft)	0.41	2.04	0.13
Conv. Total (cfs)	4977.4	Conv. (cfs)	209.1	4755.8	12.5
Length Wtd. (ft)	352.55	Wetted Per. (ft)	27.61	35.35	10.79
Min Ch El (ft)	2885.83	Shear (lb/sq ft)	0.35	1.68	0.11
Alpha	1.22	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.92	Cum Volume (acre-ft)	6.58	14.07	6.55
C & E Loss (ft)	0.05	Cum SA (acres)	8.75	7.85	8.24

Plan: Default Scenario Reach 1 Reach 1 RS: 929 Profile: 1

E.G. Elev (ft)	2885.24	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.86	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2884.38	Reach Len. (ft)	395.70	395.70	395.70
Crit W.S. (ft)	2884.57	Flow Area (sq ft)	21.07	62.55	8.11
E.G. Slope (ft/ft)	0.016166	Area (sq ft)	21.07	62.55	8.11
Q Total (cfs)	577.40	Flow (cfs)	64.59	497.18	15.63
Top Width (ft)	94.53	Top Width (ft)	33.73	34.77	26.03
Vel Total (ft/s)	6.29	Avg. Vel. (ft/s)	3.07	7.95	1.93
Max Chl Dpth (ft)	2.61	Hydr. Depth (ft)	0.62	1.80	0.31
Conv. Total (cfs)	4541.2	Conv. (cfs)	508.0	3910.3	123.0
Length Wtd. (ft)	395.70	Wetted Per. (ft)	33.76	35.00	26.08
Min Ch El (ft)	2881.77	Shear (lb/sq ft)	0.63	1.80	0.31
Alpha	1.40	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.19	Cum Volume (acre-ft)	6.45	13.54	6.51
C & E Loss (ft)	0.01	Cum SA (acres)	8.50	7.57	8.09

Plan: Default Scenario Reach 1 Reach 1 RS: 928 Profile: 1

E.G. Elev (ft)	2879.76	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.86	Wt. n-Val.	0.060	0.035	0.060
W.S. Elev (ft)	2878.90	Reach Len. (ft)	309.41	309.41	309.41
Crit W.S. (ft)	2879.03	Flow Area (sq ft)	18.52	43.32	51.45
E.G. Slope (ft/ft)	0.012003	Area (sq ft)	18.52	43.32	51.45
Q Total (cfs)	577.40	Flow (cfs)	42.18	384.54	150.68
Top Width (ft)	85.92	Top Width (ft)	24.01	16.10	45.82
Vel Total (ft/s)	5.10	Avg. Vel. (ft/s)	2.28	8.88	2.93
Max Chl Dpth (ft)	3.40	Hydr. Depth (ft)	0.77	2.69	1.12
Conv. Total (cfs)	5270.4	Conv. (cfs)	385.0	3510.0	1375.4
Length Wtd. (ft)	309.41	Wetted Per. (ft)	24.08	16.43	45.88
Min Ch El (ft)	2875.50	Shear (lb/sq ft)	0.58	1.98	0.84
Alpha	2.12	Stream Power (lb/ft s)	318.26	0.00	0.00
Frctn Loss (ft)	5.48	Cum Volume (acre-ft)	6.27	13.05	6.24
C & E Loss (ft)	0.00	Cum SA (acres)	8.24	7.34	7.77

Plan: Default Scenario Reach 1 Reach 1 RS: 927 Profile: 1

E.G. Elev (ft)	2875.78	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.29	Wt. n-Val.	0.060	0.035	0.045
W.S. Elev (ft)	2875.49	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2875.28	Flow Area (sq ft)	95.59	60.44	16.29
E.G. Slope (ft/ft)	0.009251	Area (sq ft)	95.59	60.44	16.29
Q Total (cfs)	577.40	Flow (cfs)	204.97	325.79	46.64
Top Width (ft)	170.63	Top Width (ft)	111.89	39.78	18.96
Vel Total (ft/s)	3.35	Avg. Vel. (ft/s)	2.14	5.39	2.86
Max Chl Dpth (ft)	2.00	Hydr. Depth (ft)	0.85	1.52	0.86
Conv. Total (cfs)	6003.3	Conv. (cfs)	2131.1	3387.3	484.9
Length Wtd. (ft)	352.55	Wetted Per. (ft)	111.92	39.86	19.03
Min Ch El (ft)	2873.49	Shear (lb/sq ft)	0.49	0.88	0.49
Alpha	1.66	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.12	Cum Volume (acre-ft)	5.86	12.69	6.00
C & E Loss (ft)	0.02	Cum SA (acres)	7.76	7.14	7.54

Plan: Default Scenario Reach I Reach I RS: 926 Profile: 1

E.G. Elev (ft)	2870.64	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.46	Wt. n-Val.	0.045	0.035	0.060
W.S. Elev (ft)	2870.18	Reach Len. (ft)	413.74	413.74	413.74
Crit W.S. (ft)	2870.18	Flow Area (sq ft)	6.55	28.96	89.68
E.G. Slope (ft/ft)	0.025968	Area (sq ft)	6.55	28.96	89.68
Q Total (cfs)	577.40	Flow (cfs)	16.51	216.15	344.73
Top Width (ft)	140.19	Top Width (ft)	20.04	25.34	94.81
Vel Total (ft/s)	4.61	Avg. Vel. (ft/s)	2.52	7.46	3.84
Max Chl Dpth (ft)	1.35	Hydr. Depth (ft)	0.33	1.14	0.95
Conv. Total (cfs)	3583.1	Conv. (cfs)	102.5	1341.4	2139.3
Length Wtd. (ft)	413.74	Wetted Per. (ft)	20.07	25.41	94.87
Min Ch El (ft)	2868.83	Shear (lb/sq ft)	0.53	1.85	1.53
Alpha	1.40	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	6.36	Cum Volume (acre-ft)	5.45	12.32	5.57
C & E Loss (ft)	0.01	Cum SA (acres)	7.23	6.88	7.08

Plan: Default Scenario Reach I Reach I RS: 925 Profile: 1

E.G. Elev (ft)	2864.02	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.57	Wt. n-Val.	0.045	0.035	0.060
W.S. Elev (ft)	2863.45	Reach Len. (ft)	291.36	291.36	291.36
Crit W.S. (ft)	2863.48	Flow Area (sq ft)	17.99	48.92	68.10
E.G. Slope (ft/ft)	0.010836	Area (sq ft)	17.99	48.92	68.10
Q Total (cfs)	577.40	Flow (cfs)	49.39	361.57	166.43
Top Width (ft)	126.79	Top Width (ft)	30.83	22.26	73.70
Vel Total (ft/s)	4.28	Avg. Vel. (ft/s)	2.75	7.39	2.44
Max Chl Dpth (ft)	2.92	Hydr. Depth (ft)	0.58	2.20	0.92
Conv. Total (cfs)	5546.8	Conv. (cfs)	474.5	3473.5	1598.8
Length Wtd. (ft)	291.36	Wetted Per. (ft)	30.96	22.62	73.79
Min Ch El (ft)	2860.53	Shear (lb/sq ft)	0.39	1.46	0.62
Alpha	2.00	Stream Power (lb/ft s)	319.27	0.00	0.00
Frctn Loss (ft)	6.62	Cum Volume (acre-ft)	5.33	11.95	4.82
C & E Loss (ft)	0.01	Cum SA (acres)	6.98	6.65	6.27

Plan: Default Scenario Reach I Reach I RS: 924 Profile: 1

E.G. Elev (ft)	2859.49	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.85	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2858.64	Reach Len. (ft)	293.96	293.96	293.96
Crit W.S. (ft)	2858.80	Flow Area (sq ft)	11.64	67.42	8.08
E.G. Slope (ft/ft)	0.023692	Area (sq ft)	11.64	67.42	8.08
Q Total (cfs)	577.40	Flow (cfs)	31.78	521.84	23.78
Top Width (ft)	99.75	Top Width (ft)	29.53	51.95	18.28
Vel Total (ft/s)	6.63	Avg. Vel. (ft/s)	2.73	7.74	2.95
Max Chl Dpth (ft)	2.46	Hydr. Depth (ft)	0.39	1.30	0.44
Conv. Total (cfs)	3751.3	Conv. (cfs)	206.4	3390.3	154.5
Length Wtd. (ft)	293.96	Wetted Per. (ft)	29.54	52.29	18.31
Min Ch El (ft)	2856.18	Shear (lb/sq ft)	0.58	1.91	0.65
Alpha	1.25	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.49	Cum Volume (acre-ft)	5.24	11.57	4.57
C & E Loss (ft)	0.03	Cum SA (acres)	6.78	6.40	5.97

Plan: Default Scenario Reach I Reach I RS: 923 Profile: 1

E.G. Elev (ft)	2855.10	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.73	Wt. n-Val.	0.060	0.035	0.060
W.S. Elev (ft)	2854.37	Reach Len. (ft)	392.59	392.59	392.59
Crit W.S. (ft)	2854.10	Flow Area (sq ft)	6.92	79.91	8.15
E.G. Slope (ft/ft)	0.008110	Area (sq ft)	6.92	79.91	8.15
Q Total (cfs)	577.40	Flow (cfs)	9.78	557.59	10.03
Top Width (ft)	65.18	Top Width (ft)	13.58	31.75	19.85
Vel Total (ft/s)	6.08	Avg. Vel. (ft/s)	1.41	6.98	1.23
Max Chl Dpth (ft)	3.60	Hydr. Depth (ft)	0.51	2.52	0.41
Conv. Total (cfs)	6411.5	Conv. (cfs)	108.6	6191.5	111.3
Length Wtd. (ft)	392.59	Wetted Per. (ft)	13.72	32.41	19.90
Min Ch El (ft)	2850.77	Shear (lb/sq ft)	0.26	1.25	0.21
Alpha	1.27	Stream Power (lb/ft s)	316.23	0.00	0.00
Frctn Loss (ft)	4.29	Cum Volume (acre-ft)	5.17	11.07	4.51
C & E Loss (ft)	0.00	Cum SA (acres)	6.64	6.12	5.84

Plan: Default Scenario Reach I Reach I RS: 922 Profile: 1

E.G. Elev (ft)	2850.81	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.75	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2850.07	Reach Len. (ft)	371.11	371.11	371.11
Crit W.S. (ft)	2850.04	Flow Area (sq ft)	42.30	55.17	0.12
E.G. Slope (ft/ft)	0.015491	Area (sq ft)	42.30	55.17	0.12
Q Total (cfs)	577.40	Flow (cfs)	148.64	428.67	0.09
Top Width (ft)	85.41	Top Width (ft)	53.48	30.41	1.52
Vel Total (ft/s)	5.92	Avg. Vel. (ft/s)	3.51	7.77	0.75
Max Chl Dpth (ft)	2.84	Hydr. Depth (ft)	0.79	1.81	0.08
Conv. Total (cfs)	4639.1	Conv. (cfs)	1194.2	3444.1	0.7
Length Wtd. (ft)	371.11	Wetted Per. (ft)	53.51	30.94	1.53
Min Ch El (ft)	2847.23	Shear (lb/sq ft)	0.76	1.72	0.08
Alpha	1.37	Stream Power (lb/ft s)	303.31	0.00	0.00
Frctn Loss (ft)	4.91	Cum Volume (acre-ft)	4.95	10.46	4.48
C & E Loss (ft)	0.07	Cum SA (acres)	6.33	5.84	5.74

Plan: Default Scenario Reach I Reach I RS: 921 Profile: 1

E.G. Elev (ft)	2845.83	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.50	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2845.33	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2845.33	Flow Area (sq ft)	58.82	48.83	20.86
E.G. Slope (ft/ft)	0.011445	Area (sq ft)	58.82	48.83	20.86
Q Total (cfs)	577.40	Flow (cfs)	200.41	338.55	38.44
Top Width (ft)	157.02	Top Width (ft)	62.04	25.51	69.46
Vel Total (ft/s)	4.49	Avg. Vel. (ft/s)	3.41	6.93	1.84
Max Chl Dpth (ft)	3.18	Hydr. Depth (ft)	0.95	1.91	0.30
Conv. Total (cfs)	5397.2	Conv. (cfs)	1873.3	3164.6	359.3
Length Wtd. (ft)	352.55	Wetted Per. (ft)	62.08	25.89	69.49
Min Ch El (ft)	2842.15	Shear (lb/sq ft)	0.68	1.35	0.21
Alpha	1.61	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	3.91	Cum Volume (acre-ft)	4.52	10.02	4.39
C & E Loss (ft)	0.02	Cum SA (acres)	5.84	5.60	5.44

Plan: Default Scenario Reach I Reach I RS: 920 Profile: 1

E.G. Elev (ft)	2841.14	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.95	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2840.19	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2840.37	Flow Area (sq ft)	19.22	61.34	4.10
E.G. Slope (ft/ft)	0.015333	Area (sq ft)	19.22	61.34	4.10
Q Total (cfs)	577.40	Flow (cfs)	59.68	506.89	10.83
Top Width (ft)	67.80	Top Width (ft)	29.01	30.96	7.83
Vel Total (ft/s)	6.82	Avg. Vel. (ft/s)	3.10	8.26	2.64
Max Chl Dpth (ft)	2.55	Hydr. Depth (ft)	0.66	1.98	0.52
Conv. Total (cfs)	4663.0	Conv. (cfs)	482.0	4093.6	87.4
Length Wtd. (ft)	352.55	Wetted Per. (ft)	29.06	31.13	7.92
Min Ch El (ft)	2837.64	Shear (lb/sq ft)	0.63	1.89	0.50
Alpha	1.31	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.65	Cum Volume (acre-ft)	4.20	9.57	4.29
C & E Loss (ft)	0.04	Cum SA (acres)	5.47	5.37	5.13

Plan: Default Scenario Reach I Reach I RS: 919 Profile: 1

E.G. Elev (ft)	2836.38	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.24	Wt. n-Val.	0.045	0.045	0.045
W.S. Elev (ft)	2836.15	Reach Len. (ft)	350.52	350.52	350.52
Crit W.S. (ft)	2835.75	Flow Area (sq ft)	1.20	58.27	92.86
E.G. Slope (ft/ft)	0.009260	Area (sq ft)	1.20	58.27	92.86
Q Total (cfs)	577.40	Flow (cfs)	2.37	257.19	317.84
Top Width (ft)	120.33	Top Width (ft)	2.16	35.19	82.98
Vel Total (ft/s)	3.79	Avg. Vel. (ft/s)	1.98	4.41	3.42
Max Chl Dpth (ft)	2.89	Hydr. Depth (ft)	0.55	1.66	1.12
Conv. Total (cfs)	6000.2	Conv. (cfs)	24.6	2672.7	3303.0
Length Wtd. (ft)	350.52	Wetted Per. (ft)	2.43	35.59	83.06
Min Ch El (ft)	2833.26	Shear (lb/sq ft)	0.28	0.95	0.65
Alpha	1.05	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.47	Cum Volume (acre-ft)	4.12	9.09	3.89
C & E Loss (ft)	0.06	Cum SA (acres)	5.35	5.10	4.76

Plan: Default Scenario Reach I Reach I RS: 918 Profile: 1

E.G. Elev (ft)	2831.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.85	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2831.00	Reach Len. (ft)	354.59	354.59	354.59
Crit W.S. (ft)	2831.00	Flow Area (sq ft)	9.55	43.01	39.85
E.G. Slope (ft/ft)	0.018625	Area (sq ft)	9.55	43.01	39.85
Q Total (cfs)	577.40	Flow (cfs)	36.34	374.20	166.86
Top Width (ft)	79.95	Top Width (ft)	12.20	23.29	44.45
Vel Total (ft/s)	6.25	Avg. Vel. (ft/s)	3.81	8.70	4.19
Max Chl Dpth (ft)	2.26	Hydr. Depth (ft)	0.78	1.85	0.90
Conv. Total (cfs)	4230.9	Conv. (cfs)	266.3	2741.9	1222.7
Length Wtd. (ft)	354.59	Wetted Per. (ft)	12.29	23.38	44.50
Min Ch El (ft)	2828.73	Shear (lb/sq ft)	0.90	2.14	1.04
Alpha	1.41	Stream Power (lb/ft s)	346.80	0.00	0.00
Frctn Loss (ft)	4.46	Cum Volume (acre-ft)	4.08	8.68	3.36
C & E Loss (ft)	0.03	Cum SA (acres)	5.29	4.87	4.25

Plan: Default Scenario Reach I Reach I RS: 917 Profile: 1

E.G. Elev (ft)	2826.72	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.91	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2825.81	Reach Len. (ft)	359.17	359.17	359.17
Crit W.S. (ft)	2825.93	Flow Area (sq ft)	11.02	63.56	12.32
E.G. Slope (ft/ft)	0.011507	Area (sq ft)	11.02	63.56	12.32
Q Total (cfs)	577.40	Flow (cfs)	31.85	512.39	33.16
Top Width (ft)	67.33	Top Width (ft)	14.84	33.95	18.54
Vel Total (ft/s)	6.64	Avg. Vel. (ft/s)	2.89	8.06	2.69
Max Chl Dpth (ft)	2.38	Hydr. Depth (ft)	0.74	1.87	0.66
Conv. Total (cfs)	5382.6	Conv. (cfs)	296.9	4776.6	309.1
Length Wtd. (ft)	359.17	Wetted Per. (ft)	14.95	34.01	18.59
Min Ch El (ft)	2823.43	Shear (lb/sq ft)	0.53	1.34	0.48
Alpha	1.33	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.12	Cum Volume (acre-ft)	3.99	8.25	3.15
C & E Loss (ft)	0.01	Cum SA (acres)	5.18	4.64	3.99

Plan: Default Scenario Reach I Reach I RS: 916 Profile: 1

E.G. Elev (ft)	2821.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.51	Wt. n-Val.	0.045	0.035	0.060
W.S. Elev (ft)	2820.88	Reach Len. (ft)	345.93	345.93	345.93
Crit W.S. (ft)	2820.57	Flow Area (sq ft)	30.13	52.96	44.08
E.G. Slope (ft/ft)	0.008748	Area (sq ft)	30.13	52.96	44.08
Q Total (cfs)	577.40	Flow (cfs)	80.98	364.65	131.76
Top Width (ft)	95.74	Top Width (ft)	42.64	23.15	29.94
Vel Total (ft/s)	4.54	Avg. Vel. (ft/s)	2.69	6.89	2.99
Max Chl Dpth (ft)	2.64	Hydr. Depth (ft)	0.71	2.29	1.47
Conv. Total (cfs)	6173.5	Conv. (cfs)	865.9	3898.8	1408.8
Length Wtd. (ft)	345.93	Wetted Per. (ft)	42.73	23.19	30.06
Min Ch El (ft)	2818.24	Shear (lb/sq ft)	0.39	1.25	0.80
Alpha	1.60	Stream Power (lb/ft s)	283.72	0.00	0.00
Frctn Loss (ft)	3.31	Cum Volume (acre-ft)	3.82	7.77	2.91
C & E Loss (ft)	0.02	Cum SA (acres)	4.94	4.40	3.79

Plan: Default Scenario Reach I Reach I RS: 915 Profile: 1

E.G. Elev (ft)	2818.05	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.74	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2817.31	Reach Len. (ft)	295.03	295.03	295.03
Crit W.S. (ft)	2817.31	Flow Area (sq ft)	3.53	54.96	40.14
E.G. Slope (ft/ft)	0.010536	Area (sq ft)	3.53	54.96	40.14
Q Total (cfs)	577.40	Flow (cfs)	7.37	425.49	144.54
Top Width (ft)	66.65	Top Width (ft)	7.16	22.97	36.52
Vel Total (ft/s)	5.85	Avg. Vel. (ft/s)	2.09	7.74	3.60
Max Chl Dpth (ft)	3.22	Hydr. Depth (ft)	0.49	2.39	1.10
Conv. Total (cfs)	5625.3	Conv. (cfs)	71.8	4145.3	1408.1
Length Wtd. (ft)	295.03	Wetted Per. (ft)	7.27	23.20	36.65
Min Ch El (ft)	2814.09	Shear (lb/sq ft)	0.32	1.56	0.72
Alpha	1.38	Stream Power (lb/ft s)	274.05	0.00	0.00
Frctn Loss (ft)	3.06	Cum Volume (acre-ft)	3.69	7.34	2.58
C & E Loss (ft)	0.01	Cum SA (acres)	4.75	4.22	3.53

Plan: Default Scenario Reach I Reach I RS: 914 Profile: 1

E.G. Elev (ft)	2813.92	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.14	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2812.78	Reach Len. (ft)	387.15	387.15	387.15
Crit W.S. (ft)	2813.11	Flow Area (sq ft)	22.32	47.03	12.11
E.G. Slope (ft/ft)	0.018962	Area (sq ft)	22.32	47.03	12.11
Q Total (cfs)	577.40	Flow (cfs)	84.74	448.17	44.49
Top Width (ft)	68.34	Top Width (ft)	29.19	22.56	16.59
Vel Total (ft/s)	7.09	Avg. Vel. (ft/s)	3.80	9.53	3.67
Max Chl Dpth (ft)	2.38	Hydr. Depth (ft)	0.76	2.08	0.73
Conv. Total (cfs)	4193.1	Conv. (cfs)	615.4	3254.6	323.1
Length Wtd. (ft)	387.15	Wetted Per. (ft)	29.27	22.60	16.68
Min Ch El (ft)	2810.40	Shear (lb/sq ft)	0.90	2.46	0.86
Alpha	1.47	Stream Power (lb/ft s)	187.12	0.00	0.00
Frctn Loss (ft)	4.08	Cum Volume (acre-ft)	3.60	6.99	2.40
C & E Loss (ft)	0.04	Cum SA (acres)	4.62	4.06	3.35

Plan: Default Scenario Reach I Reach I RS: 913 Profile: 1

E.G. Elev (ft)	2809.19	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.77	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2808.42	Reach Len. (ft)	291.21	291.21	291.21
Crit W.S. (ft)	2808.42	Flow Area (sq ft)	24.77	58.75	16.58
E.G. Slope (ft/ft)	0.012164	Area (sq ft)	24.77	58.75	16.58
Q Total (cfs)	577.40	Flow (cfs)	71.32	456.06	50.02
Top Width (ft)	84.55	Top Width (ft)	35.19	27.42	21.93
Vel Total (ft/s)	5.77	Avg. Vel. (ft/s)	2.88	7.76	3.02
Max Chl Dpth (ft)	2.66	Hydr. Depth (ft)	0.70	2.14	0.76
Conv. Total (cfs)	5235.2	Conv. (cfs)	646.6	4135.0	453.5
Length Wtd. (ft)	291.21	Wetted Per. (ft)	35.25	27.53	21.98
Min Ch El (ft)	2805.76	Shear (lb/sq ft)	0.53	1.62	0.57
Alpha	1.48	Stream Power (lb/ft s)	267.61	0.00	0.00
Frctn Loss (ft)	3.25	Cum Volume (acre-ft)	3.39	6.52	2.28
C & E Loss (ft)	0.05	Cum SA (acres)	4.34	3.84	3.18

Plan: Default Scenario Reach I Reach I RS: 912 Profile: 1

E.G. Elev (ft)	2805.85	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.61	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2805.23	Reach Len. (ft)	461.37	461.37	461.37
Crit W.S. (ft)	2805.25	Flow Area (sq ft)	50.58	54.08	9.26
E.G. Slope (ft/ft)	0.010598	Area (sq ft)	50.58	54.08	9.26
Q Total (cfs)	577.40	Flow (cfs)	158.27	395.14	23.98
Top Width (ft)	95.77	Top Width (ft)	57.25	24.72	13.80
Vel Total (ft/s)	5.07	Avg. Vel. (ft/s)	3.13	7.31	2.59
Max Chl Dpth (ft)	3.05	Hydr. Depth (ft)	0.88	2.19	0.67
Conv. Total (cfs)	5608.7	Conv. (cfs)	1537.4	3838.3	233.0
Length Wtd. (ft)	461.37	Wetted Per. (ft)	57.28	25.01	13.91
Min Ch El (ft)	2802.18	Shear (lb/sq ft)	0.58	1.43	0.44
Alpha	1.54	Stream Power (lb/ft s)	265.92	0.00	0.00
Frctn Loss (ft)	3.30	Cum Volume (acre-ft)	3.14	6.14	2.19
C & E Loss (ft)	0.05	Cum SA (acres)	4.03	3.67	3.06

Plan: Default Scenario Reach I Reach I RS: 911 Profile: 1

E.G. Elev (ft)	2799.04	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.90	Wt. n-Val.	0.045	0.030	0.060
W.S. Elev (ft)	2798.14	Reach Len. (ft)	318.44	318.44	318.44
Crit W.S. (ft)	2798.41	Flow Area (sq ft)	63.51	28.78	5.79
E.G. Slope (ft/ft)	0.021695	Area (sq ft)	63.51	28.78	5.79
Q Total (cfs)	577.40	Flow (cfs)	276.83	285.72	14.85
Top Width (ft)	102.59	Top Width (ft)	74.75	18.06	9.77
Vel Total (ft/s)	5.89	Avg. Vel. (ft/s)	4.36	9.93	2.56
Max Chl Dpth (ft)	1.78	Hydr. Depth (ft)	0.85	1.59	0.59
Conv. Total (cfs)	3920.1	Conv. (cfs)	1879.4	1939.8	100.8
Length Wtd. (ft)	318.44	Wetted Per. (ft)	74.86	18.13	9.83
Min Ch El (ft)	2796.36	Shear (lb/sq ft)	1.15	2.15	0.80
Alpha	1.68	Stream Power (lb/ft s)	289.78	0.00	0.00
Frctn Loss (ft)	6.78	Cum Volume (acre-ft)	2.54	5.71	2.11
C & E Loss (ft)	0.03	Cum SA (acres)	3.33	3.44	2.93

Plan: Default Scenario Reach I Reach I RS: 910 Profile: 1

E.G. Elev (ft)	2795.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.61	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2794.79	Reach Len. (ft)	362.12	362.12	362.12
Crit W.S. (ft)	2794.79	Flow Area (sq ft)	10.74	67.02	35.93
E.G. Slope (ft/ft)	0.009164	Area (sq ft)	10.74	67.02	35.93
Q Total (cfs)	577.40	Flow (cfs)	31.44	461.81	84.15
Top Width (ft)	98.22	Top Width (ft)	11.92	30.07	56.23
Vel Total (ft/s)	5.08	Avg. Vel. (ft/s)	2.93	6.89	2.34
Max Chl Dpth (ft)	2.89	Hydr. Depth (ft)	0.90	2.23	0.64
Conv. Total (cfs)	6031.7	Conv. (cfs)	328.4	4824.2	879.0
Length Wtd. (ft)	362.12	Wetted Per. (ft)	12.04	30.35	56.33
Min Ch El (ft)	2791.90	Shear (lb/sq ft)	0.51	1.26	0.36
Alpha	1.52	Stream Power (lb/ft s)	319.50	0.00	0.00
Frctn Loss (ft)	4.53	Cum Volume (acre-ft)	2.27	5.36	1.96
C & E Loss (ft)	0.01	Cum SA (acres)	3.01	3.26	2.69

Plan: Default Scenario Reach I Reach I RS: 909 Profile: 1

E.G. Elev (ft)	2789.46	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.04	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2788.42	Reach Len. (ft)	379.78	379.78	379.78
Crit W.S. (ft)	2788.68	Flow Area (sq ft)	22.18	49.93	1.33
E.G. Slope (ft/ft)	0.036615	Area (sq ft)	22.18	49.93	1.33
Q Total (cfs)	577.40	Flow (cfs)	135.40	437.67	4.33
Top Width (ft)	71.27	Top Width (ft)	23.39	44.37	3.51
Vel Total (ft/s)	7.86	Avg. Vel. (ft/s)	6.10	8.77	3.26
Max Chl Dpth (ft)	1.91	Hydr. Depth (ft)	0.95	1.13	0.38
Conv. Total (cfs)	3017.5	Conv. (cfs)	707.6	2287.3	22.6
Length Wtd. (ft)	379.78	Wetted Per. (ft)	23.75	44.55	3.59
Min Ch El (ft)	2786.74	Shear (lb/sq ft)	2.13	2.56	0.85
Alpha	1.08	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.90	Cum Volume (acre-ft)	2.13	4.87	1.80
C & E Loss (ft)	0.04	Cum SA (acres)	2.86	2.95	2.44

Plan: Default Scenario Reach I Reach I RS: 908 Profile: 1

E.G. Elev (ft)	2783.16	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.66	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2782.49	Reach Len. (ft)	677.87	677.87	677.87
Crit W.S. (ft)	2782.49	Flow Area (sq ft)	21.24	56.16	27.76
E.G. Slope (ft/ft)	0.011508	Area (sq ft)	21.24	56.16	27.76
Q Total (cfs)	577.40	Flow (cfs)	63.89	416.55	96.97
Top Width (ft)	82.27	Top Width (ft)	27.07	26.93	28.28
Vel Total (ft/s)	5.49	Avg. Vel. (ft/s)	3.01	7.42	3.49
Max Chl Dpth (ft)	2.60	Hydr. Depth (ft)	0.78	2.09	0.98
Conv. Total (cfs)	5382.5	Conv. (cfs)	595.6	3883.0	903.9
Length Wtd. (ft)	677.87	Wetted Per. (ft)	27.13	27.02	28.35
Min Ch El (ft)	2779.89	Shear (lb/sq ft)	0.56	1.49	0.70
Alpha	1.42	Stream Power (lb/ft s)	168.96	0.00	0.00
Frctn Loss (ft)	7.44	Cum Volume (acre-ft)	1.94	4.41	1.68
C & E Loss (ft)	0.06	Cum SA (acres)	2.64	2.64	2.30

Plan: Default Scenario Reach I Reach I RS: 907 Profile: 1

E.G. Elev (ft)	2770.42	Element	Left OB	Channel	Right OB
Vel Head (ft)	1.33	Wt. n-Val.		0.035	0.045
W.S. Elev (ft)	2769.09	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2769.53	Flow Area (sq ft)		45.01	32.95
E.G. Slope (ft/ft)	0.035526	Area (sq ft)		45.01	32.95
Q Total (cfs)	577.40	Flow (cfs)		459.64	117.76
Top Width (ft)	107.41	Top Width (ft)		30.52	76.90
Vel Total (ft/s)	7.41	Avg. Vel. (ft/s)		10.21	3.57
Max Chl Dpth (ft)	2.66	Hydr. Depth (ft)		1.47	0.43
Conv. Total (cfs)	3063.4	Conv. (cfs)		2438.6	624.8
Length Wtd. (ft)	352.55	Wetted Per. (ft)		31.21	76.94
Min Ch El (ft)	2766.43	Shear (lb/sq ft)		3.20	0.95
Alpha	1.56	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	12.67	Cum Volume (acre-ft)	1.78	3.62	1.20
C & E Loss (ft)	0.07	Cum SA (acres)	2.43	2.20	1.48

Plan: Default Scenario Reach I Reach I RS: 906 Profile: 1

E.G. Elev (ft)	2765.35	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.49	Wt. n-Val.	0.045	0.035	
W.S. Elev (ft)	2764.86	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2764.85	Flow Area (sq ft)	63.17	53.68	
E.G. Slope (ft/ft)	0.013225	Area (sq ft)	63.17	53.68	
Q Total (cfs)	577.40	Flow (cfs)	223.97	353.43	
Top Width (ft)	103.52	Top Width (ft)	69.83	33.69	
Vel Total (ft/s)	4.94	Avg. Vel. (ft/s)	3.55	6.58	
Max Chl Dpth (ft)	2.97	Hydr. Depth (ft)	0.90	1.59	
Conv. Total (cfs)	5020.9	Conv. (cfs)	1947.6	3073.3	
Length Wtd. (ft)	352.55	Wetted Per. (ft)	70.02	34.27	
Min Ch El (ft)	2761.89	Shear (lb/sq ft)	0.74	1.29	
Alpha	1.29	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.10	Cum Volume (acre-ft)	1.52	3.22	1.07
C & E Loss (ft)	0.02	Cum SA (acres)	2.15	1.94	1.17

Plan: Default Scenario Reach I Reach I RS: 905 Profile: 1

E.G. Elev (ft)	2761.24	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.71	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2760.53	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2760.53	Flow Area (sq ft)	5.25	71.03	22.55
E.G. Slope (ft/ft)	0.010300	Area (sq ft)	5.25	71.03	22.55
Q Total (cfs)	577.40	Flow (cfs)	5.93	507.01	64.46
Top Width (ft)	92.61	Top Width (ft)	31.28	32.75	28.58
Vel Total (ft/s)	5.84	Avg. Vel. (ft/s)	1.13	7.14	2.86
Max Chl Dpth (ft)	3.10	Hydr. Depth (ft)	0.17	2.17	0.79
Conv. Total (cfs)	5689.4	Conv. (cfs)	58.4	4995.8	635.2
Length Wtd. (ft)	352.55	Wetted Per. (ft)	31.36	33.31	28.63
Min Ch El (ft)	2757.43	Shear (lb/sq ft)	0.11	1.37	0.51
Alpha	1.34	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	3.53	Cum Volume (acre-ft)	1.24	2.72	0.98
C & E Loss (ft)	0.05	Cum SA (acres)	1.74	1.67	1.06

Plan: Default Scenario Reach I Reach I RS: 904 Profile: 1

E.G. Elev (ft)	2757.04	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.56	Wt. n-Val.	0.060	0.045	0.060
W.S. Elev (ft)	2756.49	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2756.15	Flow Area (sq ft)	17.06	75.33	25.47
E.G. Slope (ft/ft)	0.009724	Area (sq ft)	17.06	75.33	25.47
Q Total (cfs)	577.40	Flow (cfs)	28.37	486.48	62.55
Top Width (ft)	82.13	Top Width (ft)	30.25	26.71	25.16
Vel Total (ft/s)	4.90	Avg. Vel. (ft/s)	1.66	6.46	2.46
Max Chl Dpth (ft)	3.32	Hydr. Depth (ft)	0.56	2.82	1.01
Conv. Total (cfs)	5855.5	Conv. (cfs)	287.7	4933.5	634.3
Length Wtd. (ft)	352.55	Wetted Per. (ft)	30.36	26.97	25.25
Min Ch El (ft)	2753.17	Shear (lb/sq ft)	0.34	1.70	0.61
Alpha	1.50	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	3.68	Cum Volume (acre-ft)	1.15	2.12	0.78
C & E Loss (ft)	0.03	Cum SA (acres)	1.49	1.43	0.84

Plan: Default Scenario Reach I Reach I RS: 903 Profile: 1

E.G. Elev (ft)	2753.34	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.45	Wt. n-Val.	0.045	0.035	
W.S. Elev (ft)	2752.89	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2752.89	Flow Area (sq ft)	74.36	56.76	
E.G. Slope (ft/ft)	0.011210	Area (sq ft)	74.36	56.76	
Q Total (cfs)	577.40	Flow (cfs)	213.63	363.77	
Top Width (ft)	132.50	Top Width (ft)	99.74	32.77	
Vel Total (ft/s)	4.40	Avg. Vel. (ft/s)	2.87	6.41	
Max Chl Dpth (ft)	2.98	Hydr. Depth (ft)	0.75	1.73	
Conv. Total (cfs)	5453.5	Conv. (cfs)	2017.7	3435.8	
Length Wtd. (ft)	352.55	Wetted Per. (ft)	99.83	33.34	
Min Ch El (ft)	2749.91	Shear (lb/sq ft)	0.52	1.19	
Alpha	1.49	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	3.68	Cum Volume (acre-ft)	0.78	1.59	0.68
C & E Loss (ft)	0.05	Cum SA (acres)	0.97	1.19	0.74

Plan: Default Scenario Reach I Reach I RS: 902 Profile: 1

E.G. Elev (ft)	2748.66	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.28	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2748.38	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2748.18	Flow Area (sq ft)	21.79	59.64	68.90
E.G. Slope (ft/ft)	0.009743	Area (sq ft)	21.79	59.64	68.90
Q Total (cfs)	577.40	Flow (cfs)	63.97	304.25	209.18
Top Width (ft)	146.12	Top Width (ft)	25.40	44.25	76.46
Vel Total (ft/s)	3.84	Avg. Vel. (ft/s)	2.94	5.10	3.04
Max Chl Dpth (ft)	2.31	Hydr. Depth (ft)	0.86	1.35	0.90
Conv. Total (cfs)	5849.6	Conv. (cfs)	648.1	3082.4	2119.2
Length Wtd. (ft)	352.55	Wetted Per. (ft)	25.49	44.41	76.63
Min Ch El (ft)	2746.07	Shear (lb/sq ft)	0.52	0.82	0.55
Alpha	1.22	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.46	Cum Volume (acre-ft)	0.39	1.12	0.40
C & E Loss (ft)	0.02	Cum SA (acres)	0.46	0.88	0.43

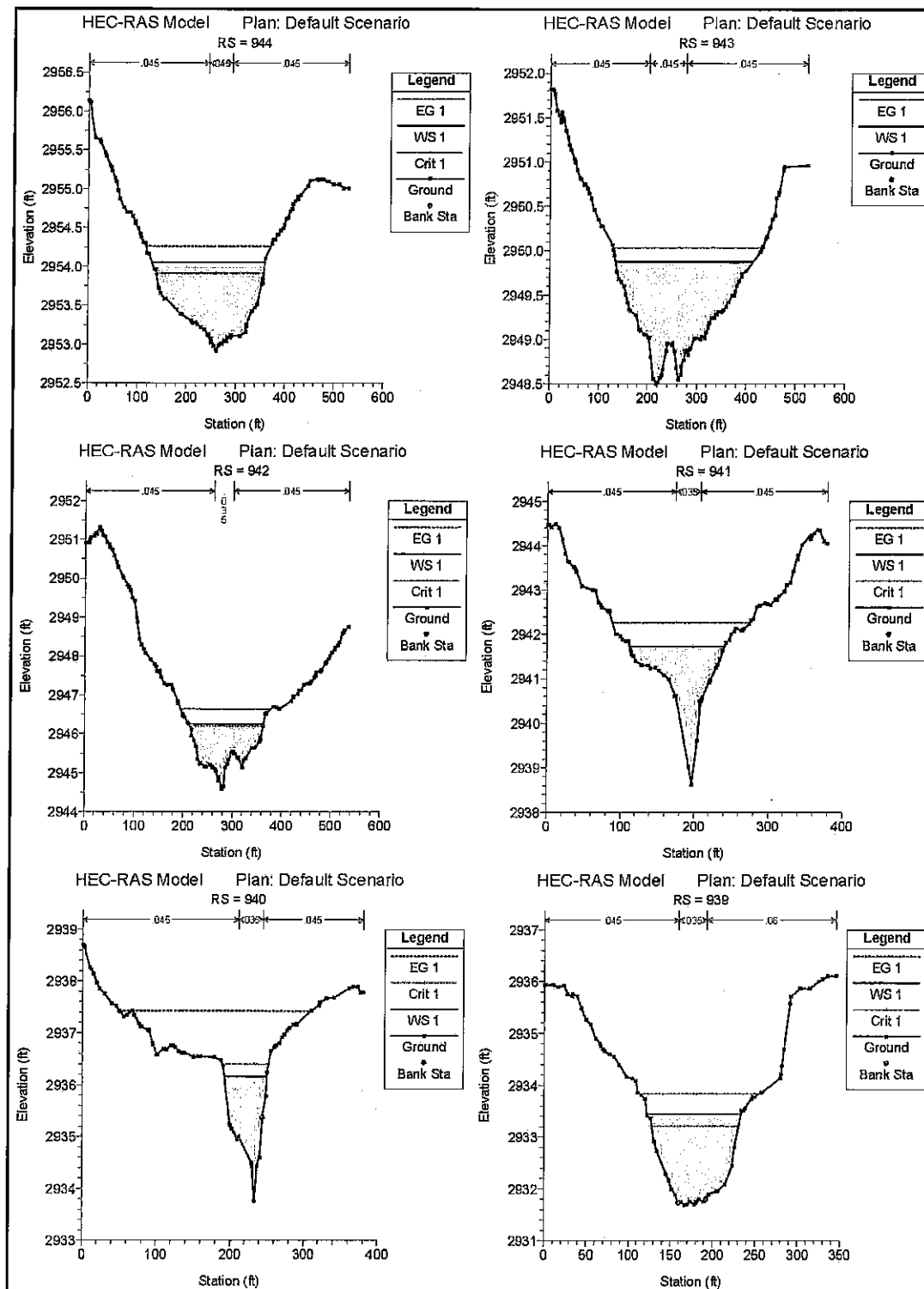
Plan: Default Scenario Reach I Reach I RS: 901 Profile: 1

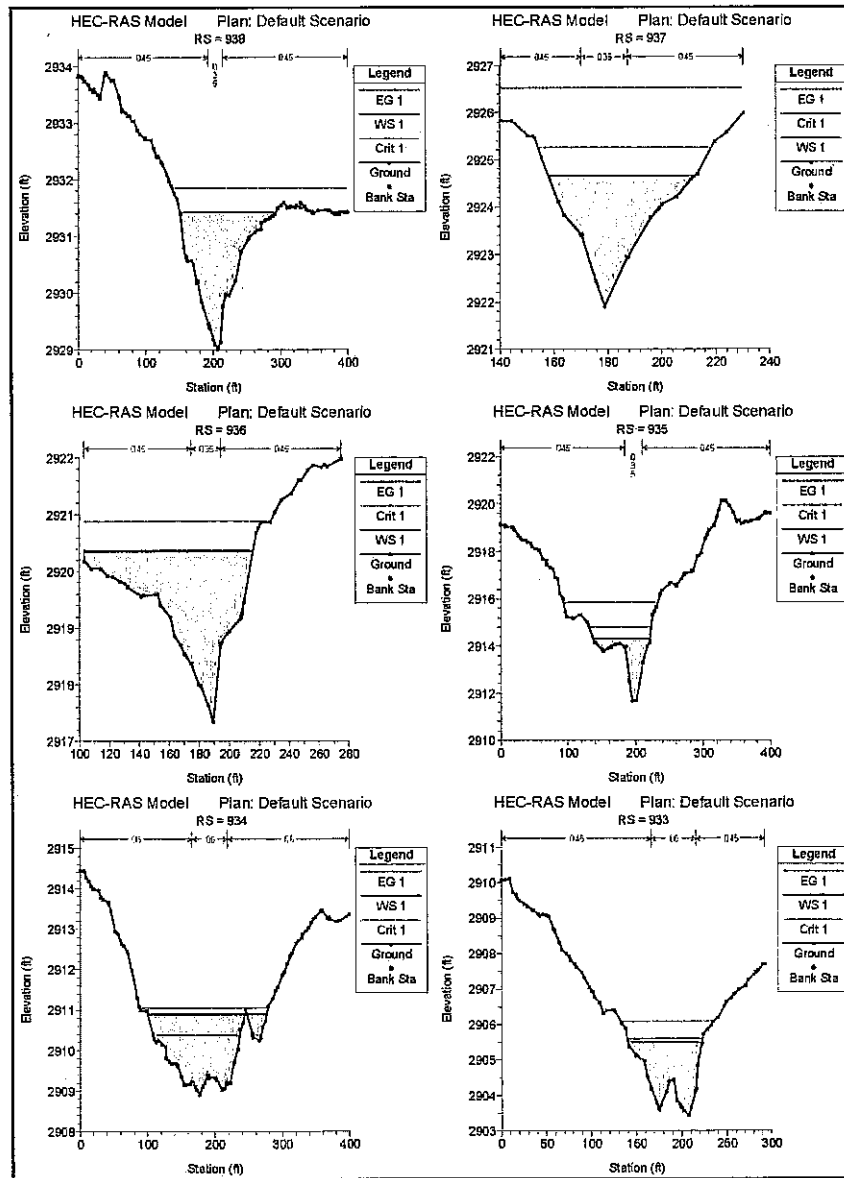
E.G. Elev (ft)	2744.18	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.51	Wt. n-Val.	0.045	0.035	
W.S. Elev (ft)	2743.67	Reach Len. (ft)	352.55	352.55	352.55
Crit W.S. (ft)	2743.66	Flow Area (sq ft)	22.58	82.80	
E.G. Slope (ft/ft)	0.017125	Area (sq ft)	22.58	82.80	
Q Total (cfs)	577.40	Flow (cfs)	80.55	496.85	
Top Width (ft)	103.41	Top Width (ft)	30.07	73.34	
Vel Total (ft/s)	5.48	Avg. Vel. (ft/s)	3.57	6.00	
Max Chl Dpth (ft)	2.31	Hydr. Depth (ft)	0.75	1.13	
Conv. Total (cfs)	4412.2	Conv. (cfs)	615.5	3796.7	
Length Wtd. (ft)	352.55	Wetted Per. (ft)	30.10	73.76	
Min Ch El (ft)	2741.36	Shear (lb/sq ft)	0.80	1.20	
Alpha	1.09	Stream Power (lb/ft s)	297.69	0.00	0.00
Frctn Loss (ft)	5.03	Cum Volume (acre-ft)	0.21	0.54	0.12
C & E Loss (ft)	0.01	Cum SA (acres)	0.24	0.40	0.12

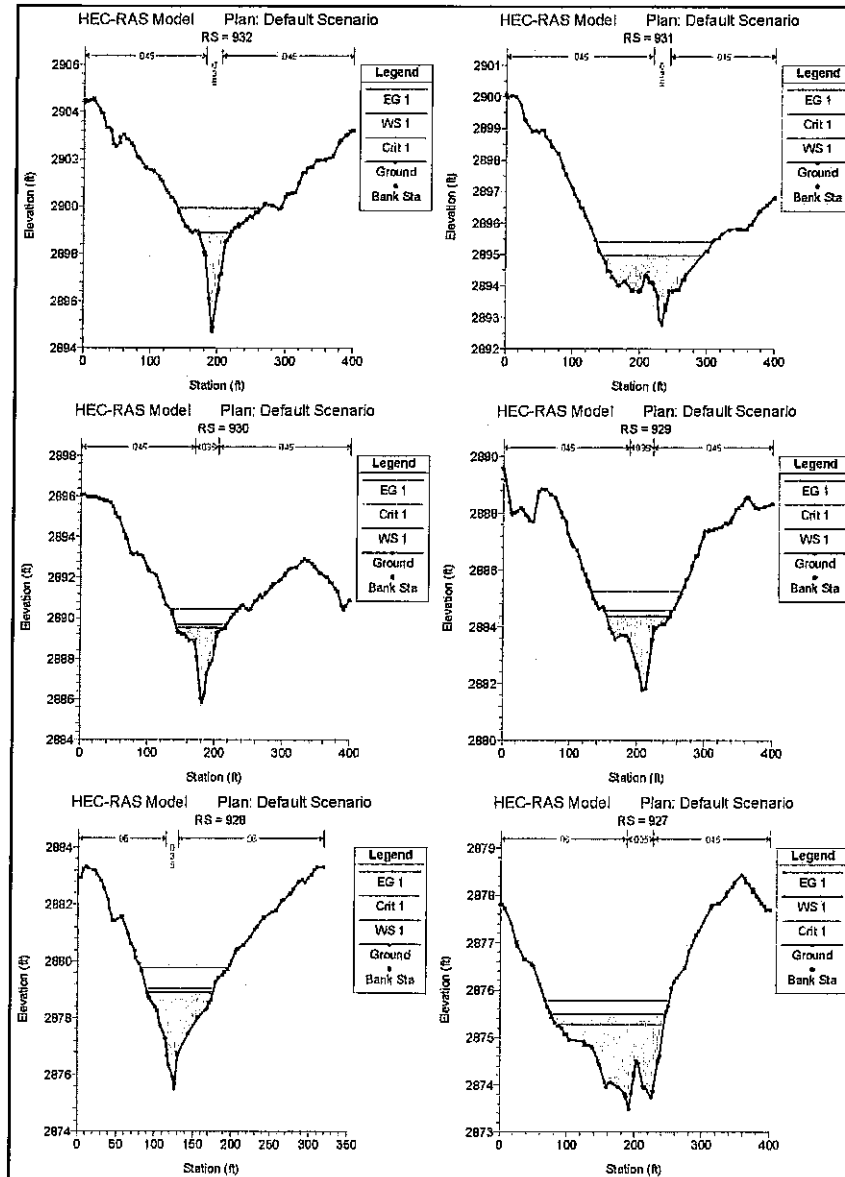
Plan: Default Scenario Reach I Reach I RS: 900 Profile: 1

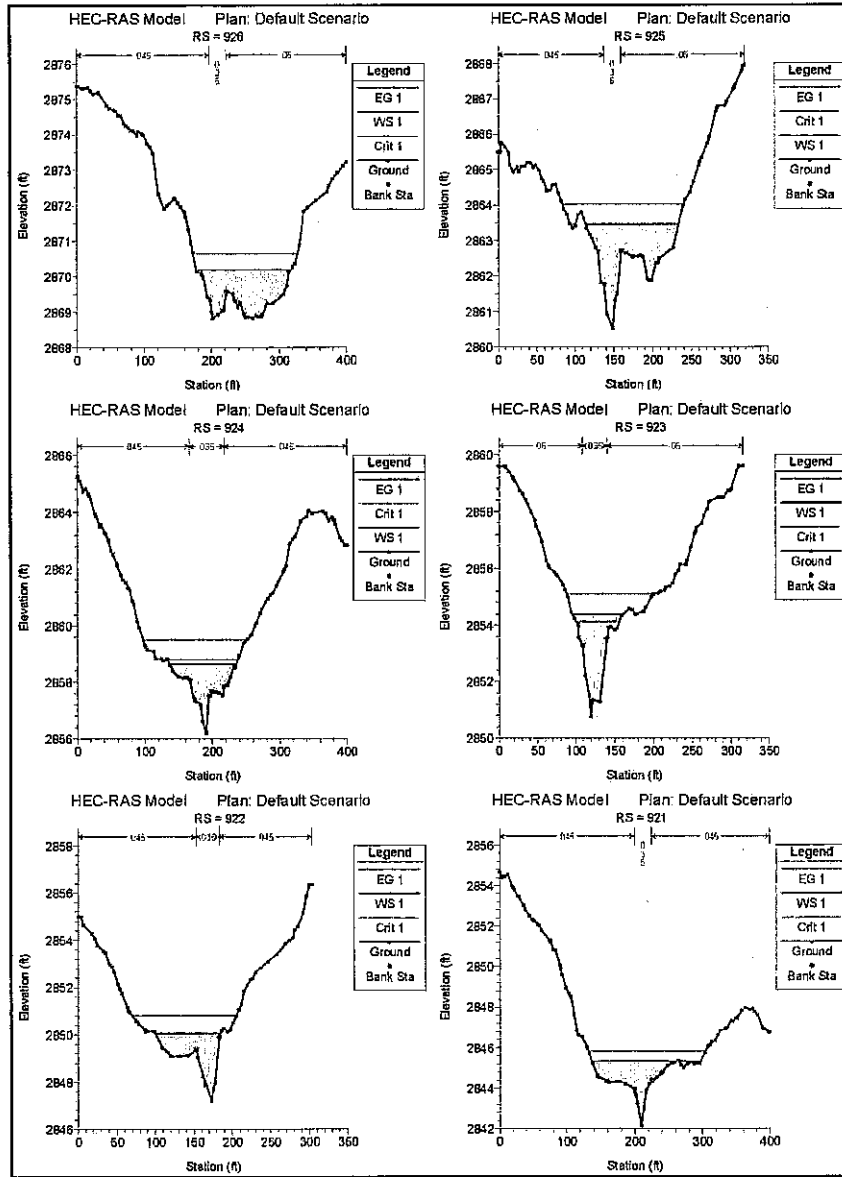
E.G. Elev (ft)	2739.13	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.62	Wt. n-Val.	0.045	0.035	0.060
W.S. Elev (ft)	2738.51	Reach Len. (ft)			
Crit W.S. (ft)	2738.44	Flow Area (sq ft)	30.37	50.90	30.42
E.G. Slope (ft/ft)	0.012072	Area (sq ft)	30.37	50.90	30.42
Q Total (cfs)	577.40	Flow (cfs)	115.35	377.95	84.09
Top Width (ft)	83.22	Top Width (ft)	28.28	25.30	29.65
Vel Total (ft/s)	5.17	Avg. Vel. (ft/s)	3.80	7.42	2.76
Max Chl Dpth (ft)	2.35	Hydr. Depth (ft)	1.07	2.01	1.03
Conv. Total (cfs)	5255.2	Conv. (cfs)	1049.9	3439.9	765.4
Length Wtd. (ft)		Wetted Per. (ft)	28.36	25.35	29.71
Min Ch El (ft)	2736.16	Shear (lb/sq ft)	0.81	1.51	0.77
Alpha	1.50	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)		Cum Volume (acre-ft)			
C & E Loss (ft)		Cum SA (acres)			

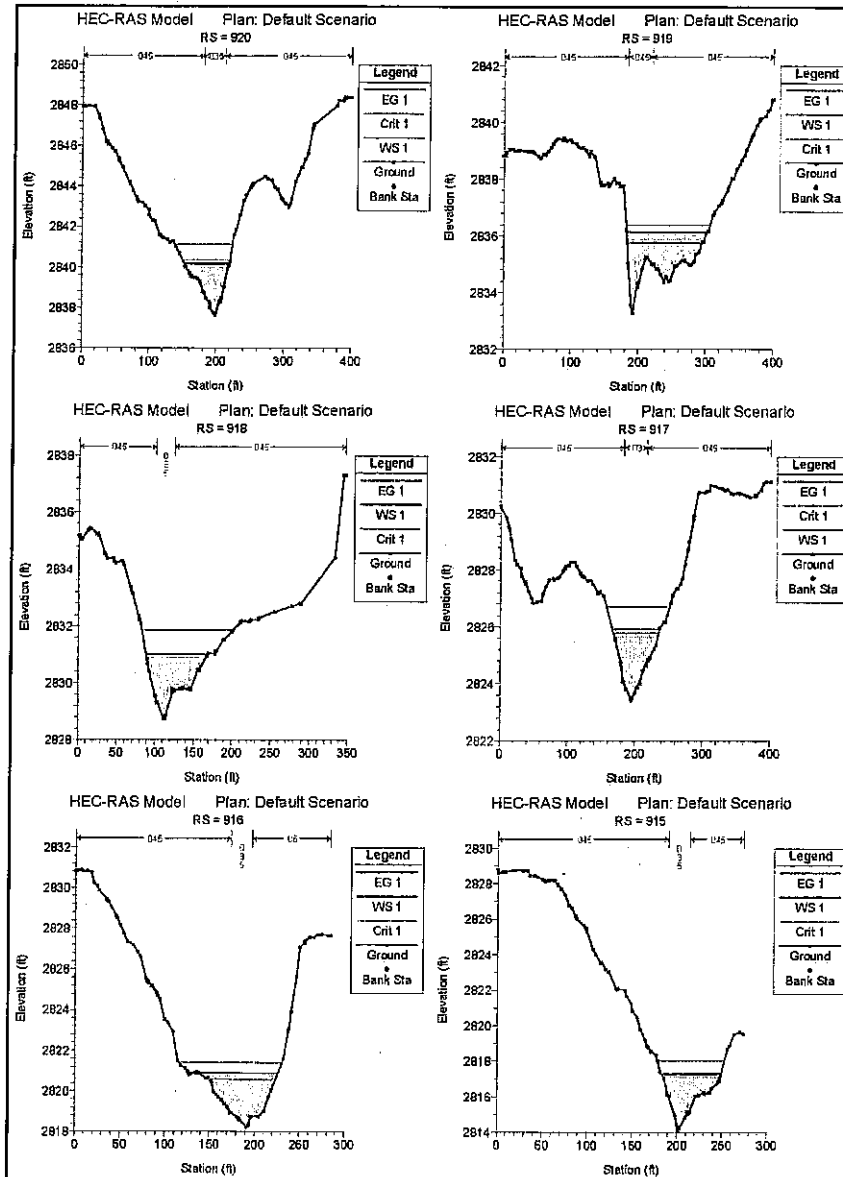
CROSS SECTION PLOTS

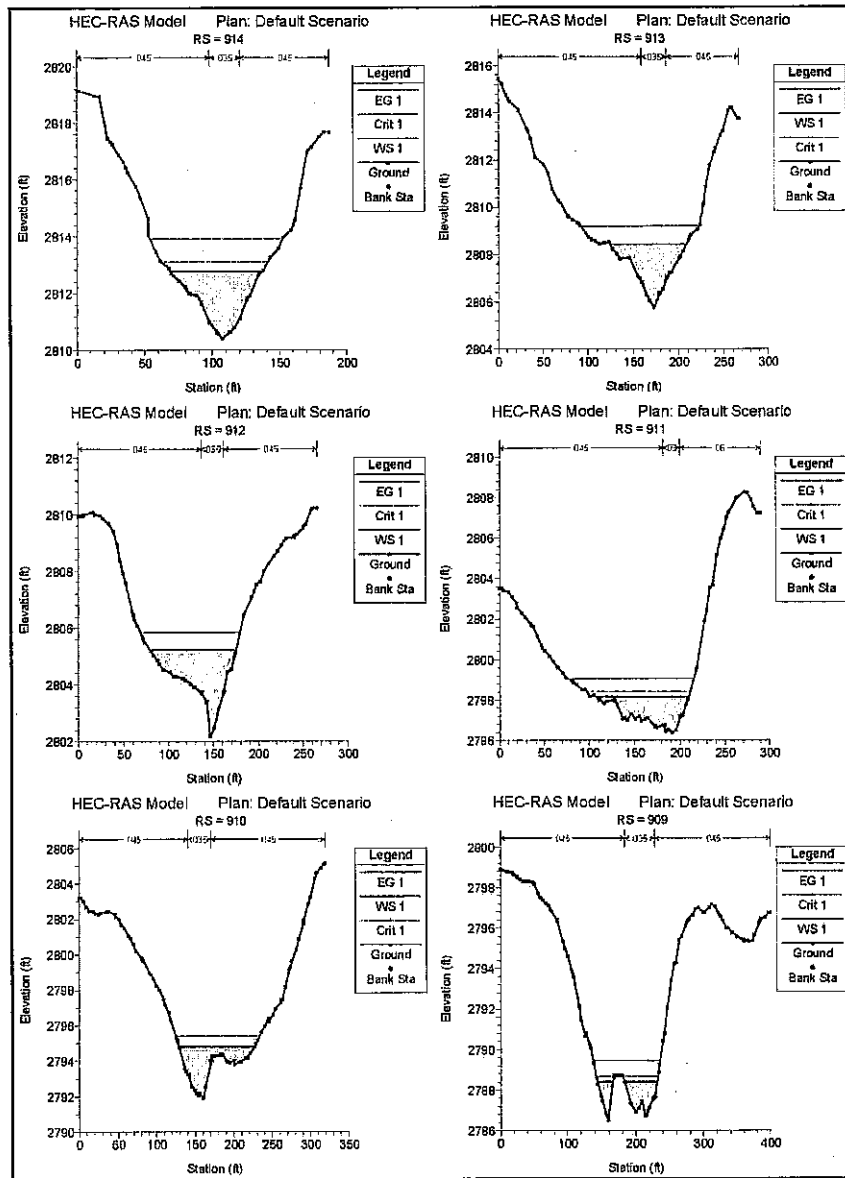


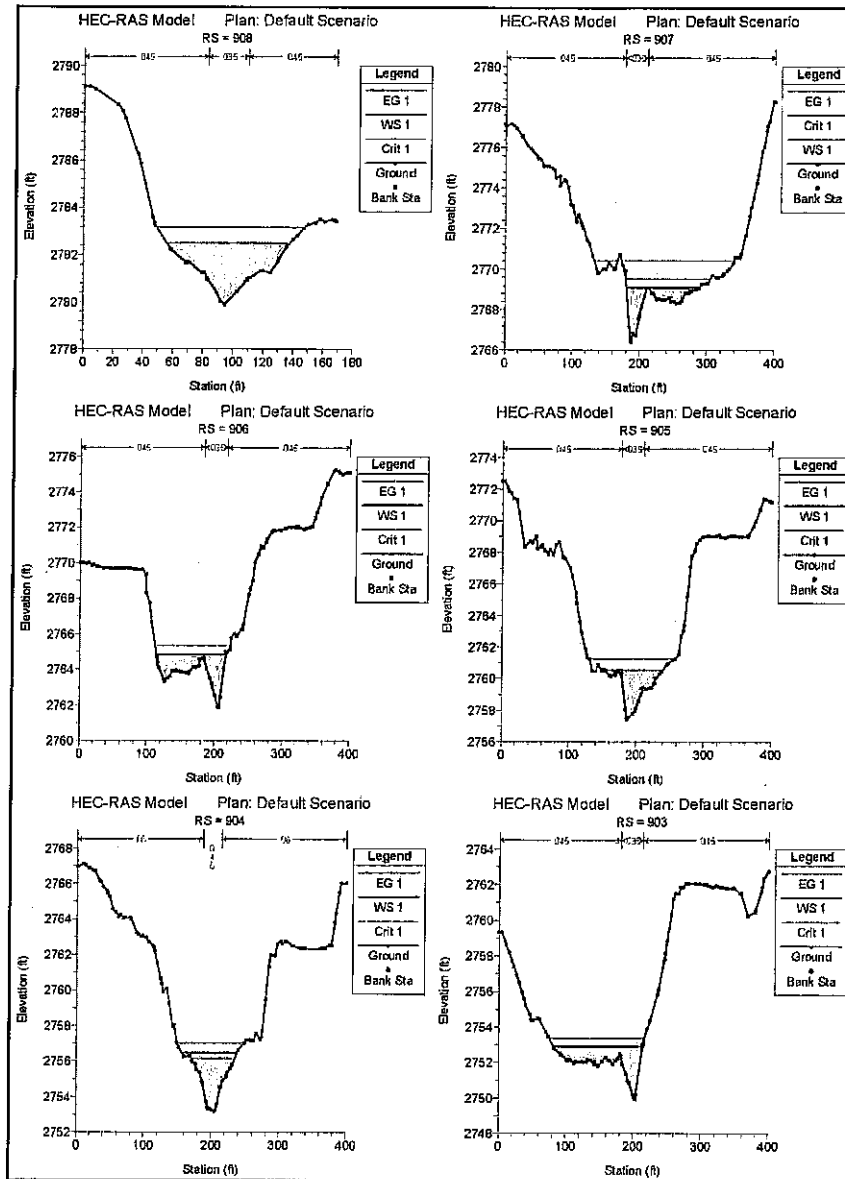


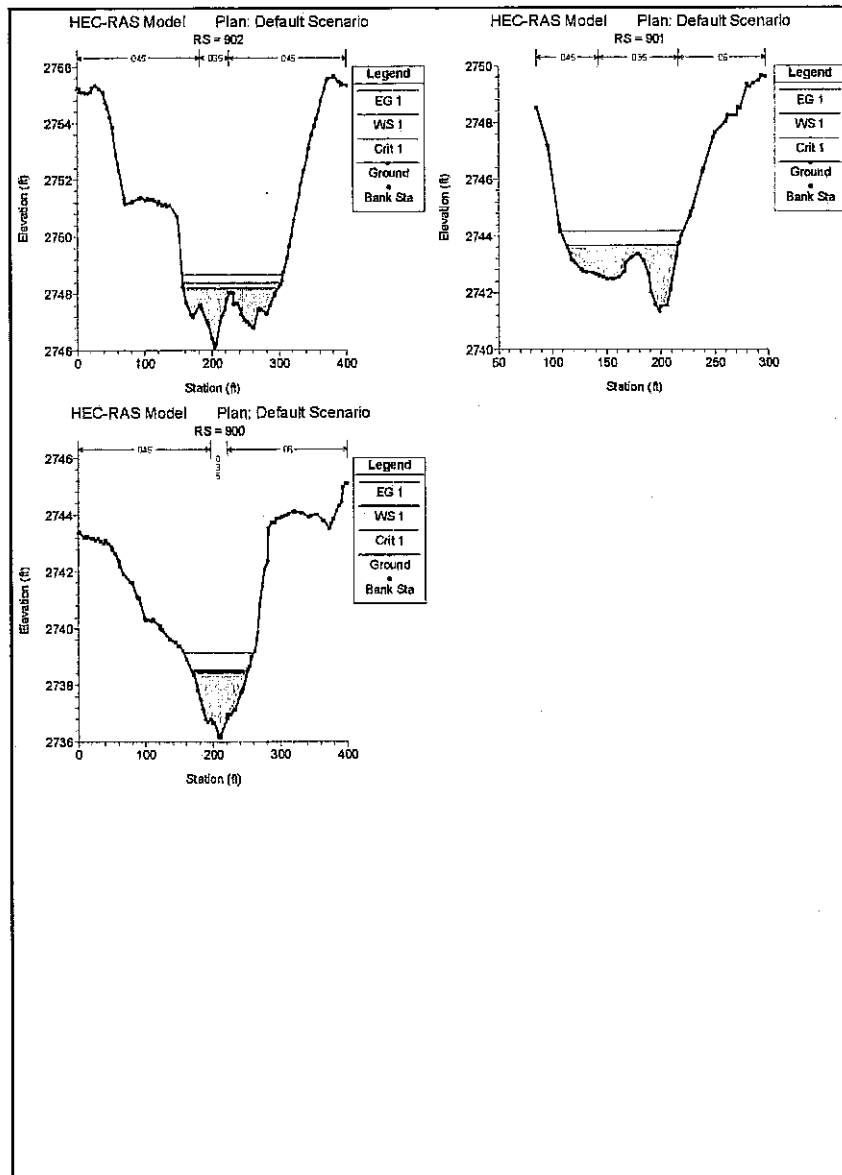




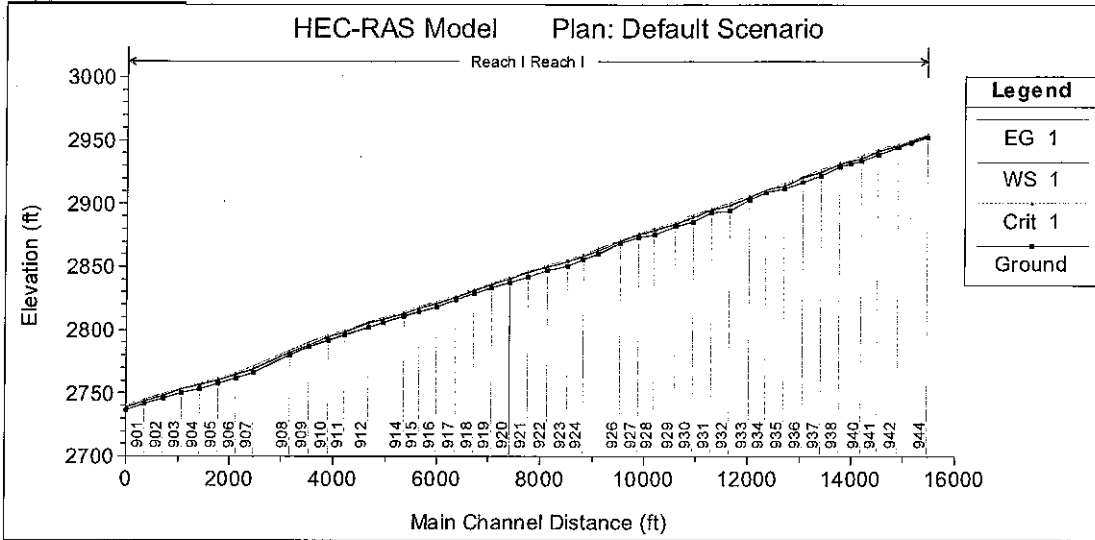








PROFILE PLOT



STANDARD TABLE 1

HEC-RAS Plan: Default Scenario River: Reach 1 Reach 1 Profile: 1

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	WS Elev (ft)	Crit WS (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach 1	944	1	577.40	2852.92	2954.08	2953.92	2854.26	0.018167	4.30	158.41	231.00	0.74
Reach 1	943	1	577.40	2849.50	2949.88	2949.88	2850.03	0.010848	3.78	197.25	280.89	0.82
Reach 1	942	1	577.40	2844.69	2946.25	2946.21	2846.64	0.016348	6.17	130.25	151.89	0.99
Reach 1	941	1	577.40	2838.63	2941.73	2941.73	2842.26	0.008488	6.46	125.08	127.85	0.79
Reach 1	940	1	577.40	2833.77	2936.18	2936.40	2837.43	0.029041	8.59	69.88	58.05	1.36
Reach 1	939	1	577.40	2831.70	2933.45	2933.22	2833.83	0.009935	8.02	138.61	111.53	0.81
Reach 1	938	1	577.40	2829.02	2931.42	2931.42	2831.85	0.009572	6.82	144.18	165.63	0.78
Reach 1	937	1	577.40	2821.90	2924.68	2925.26	2826.53	0.030748	12.22	84.24	54.41	1.48
Reach 1	936	1	577.40	2917.34	2920.35	2920.37	2820.88	0.008751	7.14	129.85	112.44	0.81
Reach 1	935	1	577.40	2911.88	2914.30	2914.79	2815.83	0.026118	10.38	70.55	94.32	1.33
Reach 1	934	1	577.40	2908.90	2910.90	2910.37	2811.05	0.006604	3.50	199.79	174.18	0.47
Reach 1	933	1	577.40	2903.44	2905.80	2905.49	2806.09	0.027335	5.85	106.57	83.84	0.79
Reach 1	932	1	577.40	2894.71	2898.89	2898.89	2899.93	0.010543	8.38	78.76	48.50	0.89
Reach 1	931	1	577.40	2882.77	2894.87	2894.97	2885.40	0.014485	6.83	132.78	148.83	0.85
Reach 1	930	1	577.40	2885.63	2889.53	2889.89	2889.44	0.013457	7.81	83.49	72.95	0.88
Reach 1	929	1	577.40	2881.77	2884.38	2884.57	2885.24	0.018166	7.95	91.72	94.53	1.04
Reach 1	928	1	577.40	2875.50	2878.90	2879.03	2879.76	0.012003	8.88	113.29	85.92	0.95
Reach 1	927	1	577.40	2873.48	2875.49	2875.28	2875.78	0.009251	5.99	172.93	170.83	0.77
Reach 1	926	1	577.40	2869.83	2870.18	2870.18	2870.64	0.025888	7.48	126.19	140.16	1.23
Reach 1	925	1	577.40	2860.53	2863.45	2863.48	2864.02	0.010838	7.38	135.01	128.78	0.88
Reach 1	924	1	577.40	2856.18	2858.64	2858.80	2859.48	0.023682	7.74	87.13	98.75	1.20
Reach 1	923	1	577.40	2850.77	2854.37	2854.10	2855.10	0.009110	6.88	94.88	65.16	0.78
Reach 1	922	1	577.40	2847.23	2850.07	2850.04	2850.81	0.015481	7.77	97.59	85.41	1.02
Reach 1	921	1	577.40	2842.15	2845.33	2845.33	2845.83	0.011445	6.83	128.51	157.02	0.88
Reach 1	920	1	577.40	2837.84	2840.19	2840.37	2841.14	0.015333	8.25	94.87	57.80	1.03
Reach 1	919	1	577.40	2833.28	2836.15	2835.75	2836.38	0.009260	4.41	152.33	120.33	0.80
Reach 1	918	1	577.40	2828.73	2831.00	2831.00	2831.85	0.018826	8.70	82.41	79.85	1.13
Reach 1	917	1	577.40	2823.43	2825.81	2825.93	2826.72	0.011507	8.00	86.89	87.33	1.04
Reach 1	916	1	577.40	2818.24	2820.89	2820.57	2821.39	0.008748	6.88	127.16	95.74	0.80
Reach 1	915	1	577.40	2814.09	2817.31	2817.31	2818.05	0.010636	7.74	89.82	66.85	0.89
Reach 1	914	1	577.40	2810.40	2812.78	2813.11	2813.82	0.018982	9.53	81.47	68.34	1.16
Reach 1	913	1	577.40	2805.78	2808.42	2808.42	2808.18	0.012164	7.78	100.11	84.55	0.83
Reach 1	912	1	577.40	2802.18	2805.23	2805.25	2805.85	0.010598	7.31	113.92	95.77	0.87
Reach 1	911	1	577.40	2798.38	2798.14	2798.41	2799.04	0.021695	9.93	98.08	102.59	1.39
Reach 1	910	1	577.40	2791.90	2784.79	2784.78	2795.39	0.009184	8.89	113.88	98.22	0.81
Reach 1	909	1	577.40	2788.74	2788.42	2788.66	2789.48	0.036615	8.77	73.44	71.27	1.48
Reach 1	908	1	577.40	2779.89	2782.48	2782.48	2783.18	0.011508	7.42	105.16	82.27	0.91
Reach 1	907	1	577.40	2768.43	2769.68	2769.63	2770.42	0.035528	10.21	77.96	107.41	1.48
Reach 1	906	1	577.40	2761.89	2764.88	2764.85	2765.35	0.013225	5.58	118.85	103.52	0.82
Reach 1	905	1	577.40	2757.43	2760.53	2760.53	2761.24	0.010300	7.14	98.83	82.81	0.85
Reach 1	904	1	577.40	2753.17	2756.48	2756.15	2757.04	0.008724	6.46	117.85	82.13	0.88
Reach 1	903	1	577.40	2748.91	2752.89	2752.88	2753.34	0.011219	6.41	131.12	132.50	0.86
Reach 1	902	1	577.40	2748.07	2748.38	2748.19	2748.88	0.009743	5.10	150.33	148.12	0.77
Reach 1	901	1	577.40	2741.38	2743.87	2743.86	2744.18	0.017125	8.00	105.38	103.41	1.00
Reach 1	900	1	577.40	2735.18	2738.51	2738.44	2739.13	0.012072	7.42	111.70	83.22	0.92

STANDARD TABLE 2

HEC-RAS Plan: Default Scenario River: Reach I Reach: Reach I Profile: 1

Reach	River Sta	Profile	E.G. Elev (ft)	W.S. Elev (ft)	Vet Head (ft)	Frictn Loss (ft)	C & E Loss (ft)	Q Left (cfs)	Q Channel (cfs)	Q Right (cfs)	Top Width (ft)
Reach I	944	1	2954.26	2954.06	0.20	4.22	0.01	208.80	210.44	158.06	231.00
Reach I	943	1	2950.03	2949.88	0.18	3.38	0.02	80.54	324.23	172.84	280.89
Reach I	942	1	2946.84	2946.25	0.39	4.36	0.01	141.34	290.44	145.83	151.65
Reach I	941	1	2942.26	2941.73	0.54	3.82	0.03	63.53	467.91	45.96	127.85
Reach I	940	1	2937.43	2936.16	1.26	4.77	0.07	77.91	489.03	10.46	58.05
Reach I	939	1	2933.83	2933.45	0.39	1.98	0.00	109.92	338.57	128.91	111.53
Reach I	938	1	2931.85	2931.42	0.43	3.27	0.03	150.25	313.00	114.15	165.63
Reach I	937	1	2926.53	2924.68	1.87	5.18	0.14	43.83	445.36	88.22	54.41
Reach I	936	1	2920.88	2920.35	0.52	5.25	0.40	157.56	343.80	78.03	112.44
Reach I	935	1	2915.83	2914.30	1.52	4.95	0.10	37.50	522.33	17.57	84.32
Reach I	934	1	2911.05	2910.90	0.15	4.93	0.03	184.45	320.15	72.80	174.18
Reach I	933	1	2906.09	2905.60	0.49	6.10	0.06	66.79	497.21	13.40	83.84
Reach I	932	1	2899.93	2898.89	1.04	4.32	0.18	10.48	547.94	18.98	49.50
Reach I	931	1	2895.40	2894.97	0.43	4.36	0.19	207.53	372.72	97.15	149.83
Reach I	930	1	2890.44	2889.53	0.91	4.92	0.05	24.26	551.69	1.45	72.95
Reach I	929	1	2885.24	2884.38	0.86	5.19	0.01	64.59	497.18	15.63	94.53
Reach I	928	1	2879.76	2878.90	0.86	5.48	0.00	42.18	384.54	150.68	85.82
Reach I	927	1	2875.78	2875.49	0.29	5.12	0.02	204.97	325.79	46.64	170.83
Reach I	926	1	2870.64	2870.18	0.46	6.36	0.01	16.51	216.15	344.73	140.19
Reach I	925	1	2864.02	2863.45	0.57	6.62	0.01	49.39	361.57	166.43	126.79
Reach I	924	1	2859.49	2858.64	0.85	4.49	0.03	31.78	521.84	23.78	99.75
Reach I	923	1	2855.10	2854.37	0.73	4.29	0.00	9.78	557.59	10.03	65.18
Reach I	922	1	2850.81	2850.07	0.75	4.91	0.07	148.64	428.87	0.09	85.41
Reach I	921	1	2845.83	2845.33	0.50	3.91	0.02	200.41	338.55	38.44	157.02
Reach I	920	1	2841.14	2840.19	0.95	4.65	0.04	59.68	506.89	10.83	67.80
Reach I	919	1	2836.38	2836.15	0.24	4.47	0.08	2.37	257.19	317.84	120.33
Reach I	918	1	2831.85	2831.00	0.85	4.46	0.03	36.34	374.20	166.86	79.95
Reach I	917	1	2826.72	2825.81	0.91	5.12	0.01	31.85	512.39	33.16	67.33
Reach I	916	1	2821.39	2820.88	0.51	3.31	0.02	80.98	384.85	131.76	95.74
Reach I	915	1	2818.05	2817.31	0.74	3.06	0.01	7.37	425.49	144.54	66.65
Reach I	914	1	2813.92	2812.78	1.14	4.08	0.04	84.74	448.17	44.49	68.34
Reach I	913	1	2809.19	2808.42	0.77	3.25	0.05	71.32	456.08	50.02	84.55
Reach I	912	1	2805.85	2805.23	0.61	3.30	0.05	158.27	395.14	23.98	95.77
Reach I	911	1	2799.04	2798.14	0.90	6.78	0.03	276.83	285.72	14.85	102.59
Reach I	910	1	2795.39	2794.79	0.61	4.53	0.01	31.44	481.81	84.15	98.22
Reach I	909	1	2789.46	2788.42	1.04	5.90	0.04	135.40	437.67	4.33	71.27
Reach I	908	1	2783.16	2782.49	0.66	7.44	0.06	63.89	416.55	96.97	82.27
Reach I	907	1	2770.42	2769.09	1.33	12.67	0.07		459.84	117.76	107.41
Reach I	906	1	2765.35	2764.86	0.49	4.10	0.02	223.97	353.43		103.52
Reach I	905	1	2761.24	2760.53	0.71	3.53	0.05	5.93	507.01	84.46	92.61
Reach I	904	1	2757.04	2756.49	0.56	3.68	0.03	28.37	486.48	82.55	82.13
Reach I	903	1	2753.34	2752.89	0.45	3.68	0.05	213.63	363.77		132.50
Reach I	902	1	2748.66	2748.38	0.28	4.46	0.02	63.97	304.25	208.18	146.12
Reach I	901	1	2744.18	2743.67	0.51	5.03	0.01	80.55	496.85		103.41
Reach I	900	1	2739.13	2738.51	0.62			115.35	377.95	84.09	83.22

HYDRAULIC DEPTH TABLE

HEC-RAS Plan: Default Scenario River: Reach 1 Reach: Reach 1 Profile: 1

Reach	River Sta	Profile	Q Total (cfs)	W.S. Elev (ft)	Hydr Depth L (ft)	Hydr Depth C (ft)	Hydr Depth R (ft)	Q Left (cfs)	Q Channel (cfs)	Q Right (cfs)
Reach 1	944	1	577.40	2954.06	0.60	1.04	0.70	208.90	210.44	158.08
Reach 1	943	1	577.40	2949.88	0.52	1.14	0.55	80.54	324.23	172.84
Reach 1	942	1	577.40	2946.25	0.79	1.21	0.69	141.34	290.44	145.63
Reach 1	941	1	577.40	2941.73	0.52	2.14	0.64	63.53	467.81	45.96
Reach 1	940	1	577.40	2936.16	0.83	1.54	0.50	77.91	489.03	10.48
Reach 1	939	1	577.40	2933.45	0.94	1.70	1.15	109.92	338.57	128.91
Reach 1	938	1	577.40	2931.42	1.10	2.19	0.60	150.25	313.00	114.15
Reach 1	937	1	577.40	2924.66	0.75	2.13	0.74	43.83	445.38	88.22
Reach 1	936	1	577.40	2920.35	0.82	2.44	1.09	157.56	343.80	76.03
Reach 1	935	1	577.40	2914.30	0.32	1.89	0.49	37.50	522.33	17.57
Reach 1	934	1	577.40	2910.90	1.09	1.73	0.68	184.45	320.15	72.80
Reach 1	933	1	577.40	2905.60	0.63	1.71	0.52	86.79	497.21	13.40
Reach 1	932	1	577.40	2898.89	0.47	2.75	0.56	10.48	547.94	18.99
Reach 1	931	1	577.40	2894.97	0.80	1.56	0.66	207.53	272.72	97.15
Reach 1	930	1	577.40	2889.53	0.41	2.04	0.13	24.26	551.69	1.45
Reach 1	929	1	577.40	2884.38	0.62	1.80	0.31	64.59	497.18	15.63
Reach 1	928	1	577.40	2878.90	0.77	2.69	1.12	42.18	384.54	150.68
Reach 1	927	1	577.40	2875.49	0.85	1.52	0.86	204.97	325.79	46.84
Reach 1	926	1	577.40	2870.18	0.33	1.14	0.95	18.51	216.15	344.73
Reach 1	925	1	577.40	2863.45	0.58	2.20	0.92	48.89	361.57	166.43
Reach 1	924	1	577.40	2858.64	0.39	1.30	0.44	31.78	521.84	23.78
Reach 1	923	1	577.40	2854.37	0.51	2.52	0.41	9.78	557.59	10.03
Reach 1	922	1	577.40	2850.07	0.79	1.81	0.08	148.64	428.67	0.09
Reach 1	921	1	577.40	2845.33	0.95	1.91	0.30	200.41	338.55	38.44
Reach 1	920	1	577.40	2840.19	0.86	1.98	0.52	58.68	506.89	10.83
Reach 1	919	1	577.40	2838.15	0.55	1.66	1.12	2.37	257.19	317.84
Reach 1	918	1	577.40	2831.00	0.78	1.85	0.80	36.34	374.20	166.86
Reach 1	917	1	577.40	2825.81	0.74	1.87	0.66	31.85	512.39	33.16
Reach 1	916	1	577.40	2820.88	0.71	2.29	1.47	80.98	364.65	131.76
Reach 1	915	1	577.40	2817.31	0.49	2.39	1.10	7.37	425.49	144.54
Reach 1	914	1	577.40	2812.78	0.78	2.08	0.73	84.74	448.17	44.49
Reach 1	913	1	577.40	2808.42	0.70	2.14	0.76	71.32	456.06	50.02
Reach 1	912	1	577.40	2805.23	0.88	2.18	0.67	158.27	395.14	23.98
Reach 1	911	1	577.40	2798.14	0.85	1.59	0.59	276.83	285.72	14.85
Reach 1	910	1	577.40	2794.79	0.90	2.23	0.64	31.44	481.81	84.15
Reach 1	909	1	577.40	2788.42	0.95	1.13	0.38	135.40	437.67	4.33
Reach 1	908	1	577.40	2782.49	0.78	2.09	0.96	63.89	416.55	98.97
Reach 1	907	1	577.40	2769.09		1.47	0.43		459.64	117.76
Reach 1	906	1	577.40	2784.88	0.90	1.59		223.97	353.43	
Reach 1	905	1	577.40	2760.53	0.17	2.17	0.79	5.93	507.01	64.46
Reach 1	904	1	577.40	2758.49	0.56	2.82	1.01	28.37	488.48	62.55
Reach 1	903	1	577.40	2752.89	0.75	1.73		213.63	363.77	
Reach 1	902	1	577.40	2748.38	0.86	1.35	0.80	63.97	304.25	209.18
Reach 1	901	1	577.40	2743.67	0.75	1.13		80.55	498.85	
Reach 1	900	1	577.40	2738.51	1.07	2.01	1.03	115.35	377.95	84.09

MANNING'S N-VALUE TABLE

HEC-RAS Plan: Default Scenario River: Reach I Reach: Reach I Profile: 1

Reach	River Sta	Profile	Q Total (cfs)	Mann Wtd Left	Mann Wtd Chnl	Mann Wtd Right	Mann Wtd Total
Reach I	944	1	577.40	0.045	0.045	0.045	0.044
Reach I	943	1	577.40	0.045	0.045	0.045	0.042
Reach I	942	1	577.40	0.045	0.035	0.045	0.039
Reach I	941	1	577.40	0.045	0.035	0.045	0.029
Reach I	940	1	577.40	0.045	0.035	0.045	0.034
Reach I	939	1	577.40	0.045	0.035	0.060	0.041
Reach I	938	1	577.40	0.045	0.035	0.045	0.031
Reach I	937	1	577.40	0.045	0.035	0.045	0.032
Reach I	936	1	577.40	0.045	0.035	0.045	0.034
Reach I	935	1	577.40	0.045	0.035	0.045	0.028
Reach I	934	1	577.40	0.060	0.060	0.060	0.055
Reach I	933	1	577.40	0.045	0.060	0.045	0.052
Reach I	932	1	577.40	0.045	0.035	0.045	0.028
Reach I	931	1	577.40	0.045	0.035	0.045	0.038
Reach I	930	1	577.40	0.045	0.035	0.045	0.027
Reach I	929	1	577.40	0.045	0.035	0.045	0.029
Reach I	928	1	577.40	0.060	0.035	0.060	0.038
Reach I	927	1	577.40	0.060	0.035	0.045	0.043
Reach I	926	1	577.40	0.045	0.035	0.060	0.048
Reach I	925	1	577.40	0.045	0.035	0.060	0.038
Reach I	924	1	577.40	0.045	0.035	0.045	0.031
Reach I	923	1	577.40	0.060	0.035	0.060	0.028
Reach I	922	1	577.40	0.045	0.035	0.045	0.034
Reach I	921	1	577.40	0.045	0.035	0.045	0.031
Reach I	920	1	577.40	0.045	0.035	0.045	0.031
Reach I	919	1	577.40	0.045	0.045	0.045	0.044
Reach I	918	1	577.40	0.045	0.035	0.045	0.036
Reach I	917	1	577.40	0.045	0.030	0.045	0.028
Reach I	916	1	577.40	0.045	0.035	0.060	0.037
Reach I	915	1	577.40	0.045	0.035	0.045	0.034
Reach I	914	1	577.40	0.045	0.035	0.045	0.032
Reach I	913	1	577.40	0.045	0.035	0.045	0.032
Reach I	912	1	577.40	0.045	0.035	0.045	0.034
Reach I	911	1	577.40	0.045	0.030	0.060	0.036
Reach I	910	1	577.40	0.045	0.035	0.045	0.031
Reach I	909	1	577.40	0.045	0.035	0.045	0.037
Reach I	908	1	577.40	0.045	0.035	0.045	0.034
Reach I	907	1	577.40		0.035	0.045	0.030
Reach I	906	1	577.40	0.045	0.035		0.037
Reach I	905	1	577.40	0.045	0.035	0.045	0.027
Reach I	904	1	577.40	0.060	0.045	0.060	0.038
Reach I	903	1	577.40	0.045	0.035		0.035
Reach I	902	1	577.40	0.045	0.035	0.045	0.039
Reach I	901	1	577.40	0.045	0.035		0.038
Reach I	900	1	577.40	0.045	0.035	0.060	0.038

WATERHSED J

HEC-RAS OUTPUT

Plan: Default Scenario Reach J Reach J RS: 1144 Profile: 1

E.G. Elev (ft)	3003.99	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.38	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	3003.81	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	3003.63	Flow Area (sq ft)	20.76	39.64	7.33
E.G. Slope (ft/ft)	0.018789	Area (sq ft)	20.76	39.64	7.33
Q Total (cfs)	296.10	Flow (cfs)	57.26	218.58	20.25
Top Width (ft)	101.92	Top Width (ft)	43.65	42.96	15.31
Vel Total (ft/s)	4.37	Avg. Vel. (ft/s)	2.76	5.51	2.76
Max Chl Dpth (ft)	1.15	Hydr. Depth (ft)	0.48	0.92	0.48
Conv. Total (cfs)	2160.1	Conv. (cfs)	417.8	1594.6	147.8
Length Wtd. (ft)	352.33	Wetted Per. (ft)	43.66	42.97	15.34
Min Ch El (ft)	3002.46	Shear (lb/sq ft)	0.56	1.08	0.56
Alpha	1.28	Stream Power (lb/ft s)	285.35	0.00	0.00
Frctn Loss (ft)		Cum Volume (acre-ft)	6.05	14.17	4.52
C & E Loss (ft)		Cum SA (acres)	12.93	14.32	10.32

Plan: Default Scenario Reach J Reach J RS: 1143 Profile: 1

E.G. Elev (ft)	2996.26	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.35	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2995.92	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2995.98	Flow Area (sq ft)	12.83	39.44	19.49
E.G. Slope (ft/ft)	0.025877	Area (sq ft)	12.83	39.44	19.49
Q Total (cfs)	296.10	Flow (cfs)	32.06	210.99	53.05
Top Width (ft)	149.70	Top Width (ft)	39.75	56.83	53.11
Vel Total (ft/s)	4.13	Avg. Vel. (ft/s)	2.50	5.35	2.72
Max Chl Dpth (ft)	1.03	Hydr. Depth (ft)	0.32	0.69	0.37
Conv. Total (cfs)	1840.7	Conv. (cfs)	199.3	1311.6	329.8
Length Wtd. (ft)	352.33	Wetted Per. (ft)	39.76	56.88	53.13
Min Ch El (ft)	2994.89	Shear (lb/sq ft)	0.52	1.12	0.59
Alpha	1.32	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	7.72	Cum Volume (acre-ft)	5.91	13.85	4.41
C & E Loss (ft)	0.01	Cum SA (acres)	12.59	13.92	10.05

Plan: Default Scenario Reach J Reach J RS: 1142 Profile: 1

E.G. Elev (ft)	2989.55	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.53	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2989.02	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2989.19	Flow Area (sq ft)	15.64	36.88	13.72
E.G. Slope (ft/ft)	0.014547	Area (sq ft)	15.64	36.88	13.72
Q Total (cfs)	296.10	Flow (cfs)	28.43	238.34	29.33
Top Width (ft)	111.52	Top Width (ft)	50.72	25.96	34.84
Vel Total (ft/s)	4.47	Avg. Vel. (ft/s)	1.82	6.46	2.14
Max Chl Dpth (ft)	1.79	Hydr. Depth (ft)	0.31	1.42	0.39
Conv. Total (cfs)	2455.0	Conv. (cfs)	235.7	1976.1	243.2
Length Wtd. (ft)	352.33	Wetted Per. (ft)	50.74	26.01	34.89
Min Ch El (ft)	2987.23	Shear (lb/sq ft)	0.28	1.29	0.36
Alpha	1.72	Stream Power (lb/ft s)	351.18	0.00	0.00
Frctn Loss (ft)	6.70	Cum Volume (acre-ft)	5.80	13.54	4.28
C & E Loss (ft)	0.02	Cum SA (acres)	12.23	13.59	9.69

Plan: Default Scenario Reach J Reach J RS: 1141 Profile: 1

E.G. Elev (ft)	2983.93	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.32	Wt. n-Val.	0.045	0.030	0.045
W.S. Elev (ft)	2983.61	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2983.65	Flow Area (sq ft)	8.63	28.05	43.70
E.G. Slope (ft/ft)	0.017225	Area (sq ft)	8.63	28.05	43.70
Q Total (cfs)	296.10	Flow (cfs)	14.88	159.64	121.58
Top Width (ft)	153.50	Top Width (ft)	34.33	34.24	84.93
Vel Total (ft/s)	3.68	Avg. Vel. (ft/s)	1.73	5.69	2.78
Max Chl Dpth (ft)	0.89	Hydr. Depth (ft)	0.25	0.82	0.51
Conv. Total (cfs)	2256.1	Conv. (cfs)	113.4	1216.4	926.4
Length Wtd. (ft)	352.33	Wetted Per. (ft)	34.34	34.24	84.94
Min Ch El (ft)	2982.72	Shear (lb/sq ft)	0.27	0.88	0.55
Alpha	1.53	Stream Power (lb/ft s)	320.62	0.00	0.00
Frcn Loss (ft)	5.57	Cum Volume (acre-ft)	5.70	13.28	4.05
C & E Loss (ft)	0.06	Cum SA (acres)	11.88	13.34	9.21

Plan: Default Scenario Reach J Reach J RS: 1140 Profile: 1

E.G. Elev (ft)	2977.91	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.44	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2977.47	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2977.59	Flow Area (sq ft)	3.60	37.71	33.46
E.G. Slope (ft/ft)	0.016875	Area (sq ft)	3.60	37.71	33.46
Q Total (cfs)	296.10	Flow (cfs)	5.38	227.02	63.70
Top Width (ft)	163.59	Top Width (ft)	17.44	33.01	113.14
Vel Total (ft/s)	3.96	Avg. Vel. (ft/s)	1.50	6.02	1.90
Max Chl Dpth (ft)	1.48	Hydr. Depth (ft)	0.21	1.14	0.30
Conv. Total (cfs)	2279.4	Conv. (cfs)	41.4	1747.6	490.4
Length Wtd. (ft)	352.33	Wetted Per. (ft)	17.46	33.06	113.19
Min Ch El (ft)	2975.98	Shear (lb/sq ft)	0.22	1.20	0.31
Alpha	1.82	Stream Power (lb/ft s)	343.09	0.00	0.00
Frcn Loss (ft)	6.01	Cum Volume (acre-ft)	5.65	13.01	3.74
C & E Loss (ft)	0.01	Cum SA (acres)	11.67	13.07	8.41

Plan: Default Scenario Reach J Reach J RS: 1139 Profile: 1

E.G. Elev (ft)	2972.77	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.26	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2972.51	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2972.31	Flow Area (sq ft)	10.70	41.39	30.49
E.G. Slope (ft/ft)	0.009367	Area (sq ft)	10.70	41.39	30.49
Q Total (cfs)	296.10	Flow (cfs)	18.99	194.09	83.02
Top Width (ft)	98.46	Top Width (ft)	25.80	33.93	38.73
Vel Total (ft/s)	3.59	Avg. Vel. (ft/s)	1.77	4.69	2.72
Max Chl Dpth (ft)	1.34	Hydr. Depth (ft)	0.41	1.22	0.79
Conv. Total (cfs)	3059.4	Conv. (cfs)	196.2	2005.4	857.8
Length Wtd. (ft)	352.33	Wetted Per. (ft)	25.85	33.95	38.76
Min Ch El (ft)	2971.17	Shear (lb/sq ft)	0.24	0.71	0.46
Alpha	1.30	Stream Power (lb/ft s)	400.00	0.00	0.00
Frcn Loss (ft)	3.87	Cum Volume (acre-ft)	5.59	12.70	3.48
C & E Loss (ft)	0.02	Cum SA (acres)	11.50	12.80	7.79

Plan: Default Scenario Reach J Reach J RS: 1138 Profile: 1

E.G. Elev (ft)	2968.89	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.44	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2968.45	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2968.44	Flow Area (sq ft)	21.61	29.42	17.98
E.G. Slope (ft/ft)	0.013026	Area (sq ft)	21.61	29.42	17.98
Q Total (cfs)	296.10	Flow (cfs)	70.05	186.51	39.55
Top Width (ft)	86.13	Top Width (ft)	26.20	19.62	40.31
Vel Total (ft/s)	4.29	Avg. Vel. (ft/s)	3.24	6.34	2.20
Max Chl Dpth (ft)	1.74	Hydr. Depth (ft)	0.82	1.50	0.45
Conv. Total (cfs)	2594.4	Conv. (cfs)	613.7	1634.1	346.5
Length Wtd. (ft)	352.33	Wetted Per. (ft)	27.10	19.66	40.35
Min Ch El (ft)	2966.71	Shear (lb/sq ft)	0.65	1.22	0.36
Alpha	1.55	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.84	Cum Volume (acre-ft)	5.46	12.41	3.28
C & E Loss (ft)	0.03	Cum SA (acres)	11.29	12.58	7.47

Plan: Default Scenario Reach J Reach J RS: 1137 Profile: 1

E.G. Elev (ft)	2964.03	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.35	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2963.68	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2963.68	Flow Area (sq ft)	31.23	28.81	16.51
E.G. Slope (ft/ft)	0.014488	Area (sq ft)	31.23	28.81	16.51
Q Total (cfs)	296.10	Flow (cfs)	89.81	168.63	37.65
Top Width (ft)	112.15	Top Width (ft)	50.73	23.46	37.97
Vel Total (ft/s)	3.87	Avg. Vel. (ft/s)	2.88	5.85	2.28
Max Chl Dpth (ft)	1.51	Hydr. Depth (ft)	0.62	1.23	0.43
Conv. Total (cfs)	2460.0	Conv. (cfs)	746.2	1401.0	312.8
Length Wtd. (ft)	352.33	Wetted Per. (ft)	50.74	23.49	37.99
Min Ch El (ft)	2962.17	Shear (lb/sq ft)	0.56	1.11	0.39
Alpha	1.52	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.49	Cum Volume (acre-ft)	5.25	12.17	3.14
C & E Loss (ft)	0.03	Cum SA (acres)	10.98	12.41	7.16

Plan: Default Scenario Reach J Reach J RS: 1136 Profile: 1

E.G. Elev (ft)	2959.48	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.26	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2959.22	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2959.23	Flow Area (sq ft)	37.17	41.62	14.47
E.G. Slope (ft/ft)	0.011624	Area (sq ft)	37.17	41.62	14.47
Q Total (cfs)	296.10	Flow (cfs)	71.16	199.49	25.45
Top Width (ft)	183.30	Top Width (ft)	102.26	38.67	42.37
Vel Total (ft/s)	3.17	Avg. Vel. (ft/s)	1.91	4.79	1.76
Max Chl Dpth (ft)	1.88	Hydr. Depth (ft)	0.36	1.08	0.34
Conv. Total (cfs)	2746.3	Conv. (cfs)	660.0	1850.3	236.0
Length Wtd. (ft)	352.33	Wetted Per. (ft)	102.29	38.84	42.38
Min Ch El (ft)	2957.34	Shear (lb/sq ft)	0.26	0.78	0.25
Alpha	1.65	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.53	Cum Volume (acre-ft)	4.97	11.89	3.02
C & E Loss (ft)	0.03	Cum SA (acres)	10.36	12.16	6.83

Plan: Default Scenario Reach J Reach J RS: 1135 Profile: 1

E.G. Elev (ft)	2954.89	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.37	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2954.51	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2954.53	Flow Area (sq ft)	11.82	28.29	36.51
E.G. Slope (ft/ft)	0.014642	Area (sq ft)	11.82	28.29	36.51
Q Total (cfs)	296.10	Flow (cfs)	21.03	170.66	104.41
Top Width (ft)	122.23	Top Width (ft)	39.78	22.19	60.27
Vel Total (ft/s)	3.86	Avg. Vel. (ft/s)	1.78	6.03	2.86
Max Chl Dpth (ft)	1.68	Hydr. Depth (ft)	0.30	1.28	0.61
Conv. Total (cfs)	2447.0	Conv. (cfs)	173.8	1410.4	862.8
Length Wtd. (ft)	352.33	Wetted Per. (ft)	39.79	22.24	60.28
Min Ch El (ft)	2952.83	Shear (lb/sq ft)	0.27	1.16	0.55
Alpha	1.61	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.58	Cum Volume (acre-ft)	4.77	11.61	2.81
C & E Loss (ft)	0.01	Cum SA (acres)	9.78	11.91	6.42

Plan: Default Scenario Reach J Reach J RS: 1134 Profile: 1

E.G. Elev (ft)	2951.45	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.16	Wt. n-Val.	0.025	0.035	0.045
W.S. Elev (ft)	2951.29	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2951.15	Flow Area (sq ft)	51.65	27.81	21.52
E.G. Slope (ft/ft)	0.005722	Area (sq ft)	51.65	27.81	21.52
Q Total (cfs)	296.10	Flow (cfs)	162.20	103.15	30.75
Top Width (ft)	160.54	Top Width (ft)	88.46	22.35	49.74
Vel Total (ft/s)	2.93	Avg. Vel. (ft/s)	3.14	3.71	1.43
Max Chl Dpth (ft)	1.51	Hydr. Depth (ft)	0.58	1.24	0.43
Conv. Total (cfs)	3914.5	Conv. (cfs)	2144.3	1363.6	406.6
Length Wtd. (ft)	352.33	Wetted Per. (ft)	88.47	22.40	49.75
Min Ch El (ft)	2949.77	Shear (lb/sq ft)	0.21	0.44	0.15
Alpha	1.21	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	3.28	Cum Volume (acre-ft)	4.52	11.38	2.58
C & E Loss (ft)	0.01	Cum SA (acres)	9.26	11.73	5.97

Plan: Default Scenario Reach J Reach J RS: 1133 Profile: 1

E.G. Elev (ft)	2948.15	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.29	Wt. n-Val.	0.025	0.035	0.045
W.S. Elev (ft)	2947.86	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2947.86	Flow Area (sq ft)	31.01	12.05	28.38
E.G. Slope (ft/ft)	0.017739	Area (sq ft)	31.01	12.05	28.38
Q Total (cfs)	296.10	Flow (cfs)	141.92	60.10	94.08
Top Width (ft)	127.92	Top Width (ft)	70.54	14.55	42.83
Vel Total (ft/s)	4.14	Avg. Vel. (ft/s)	4.58	4.99	3.32
Max Chl Dpth (ft)	0.94	Hydr. Depth (ft)	0.44	0.83	0.66
Conv. Total (cfs)	2223.2	Conv. (cfs)	1065.6	451.2	706.4
Length Wtd. (ft)	352.33	Wetted Per. (ft)	70.55	14.56	43.36
Min Ch El (ft)	2946.92	Shear (lb/sq ft)	0.49	0.92	0.72
Alpha	1.08	Stream Power (lb/ft s)	242.83	0.00	0.00
Frctn Loss (ft)	4.63	Cum Volume (acre-ft)	4.18	11.22	2.37
C & E Loss (ft)	0.01	Cum SA (acres)	8.62	11.58	5.60

Plan: Default Scenario Reach J Reach J RS: 1132 Profile: 1

E.G. Elev (ft)	2943.35	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.38	Wt. n-Val.	0.025	0.035	0.045
W.S. Elev (ft)	2942.97	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2942.92	Flow Area (sq ft)	9.77	37.81	20.34
E.G. Slope (ft/ft)	0.010131	Area (sq ft)	9.77	37.81	20.34
Q Total (cfs)	296.10	Flow (cfs)	33.83	210.50	51.77
Top Width (ft)	77.87	Top Width (ft)	22.15	25.38	30.34
Vel Total (ft/s)	4.36	Avg. Vel. (ft/s)	3.46	5.57	2.54
Max Chl Dpth (ft)	1.74	Hydr. Depth (ft)	0.44	1.49	0.67
Conv. Total (cfs)	2941.8	Conv. (cfs)	336.1	2091.4	514.3
Length Wtd. (ft)	352.33	Wetted Per. (ft)	22.19	25.42	30.37
Min Ch El (ft)	2941.23	Shear (lb/sq ft)	0.28	0.94	0.42
Alpha	1.29	Stream Power (lb/ft s)	265.97	0.00	0.00
Frctn Loss (ft)	3.66	Cum Volume (acre-ft)	4.02	11.02	2.18
C & E Loss (ft)	0.03	Cum SA (acres)	8.25	11.42	5.30

Plan: Default Scenario Reach J Reach J RS: 1131 Profile: 1

E.G. Elev (ft)	2939.67	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.29	Wt. n-Val.	0.030	0.035	0.045
W.S. Elev (ft)	2939.38	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2939.32	Flow Area (sq ft)	43.10	26.75	1.64
E.G. Slope (ft/ft)	0.010632	Area (sq ft)	43.10	26.75	1.64
Q Total (cfs)	296.10	Flow (cfs)	162.96	130.56	2.58
Top Width (ft)	95.45	Top Width (ft)	67.63	22.66	5.16
Vel Total (ft/s)	4.14	Avg. Vel. (ft/s)	3.78	4.88	1.58
Max Chl Dpth (ft)	1.39	Hydr. Depth (ft)	0.64	1.18	0.32
Conv. Total (cfs)	2871.7	Conv. (cfs)	1580.5	1266.2	25.0
Length Wtd. (ft)	352.33	Wetted Per. (ft)	67.65	22.71	5.21
Min Ch El (ft)	2937.99	Shear (lb/sq ft)	0.42	0.78	0.21
Alpha	1.07	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	3.73	Cum Volume (acre-ft)	3.80	10.75	2.09
C & E Loss (ft)	0.01	Cum SA (acres)	7.88	11.23	5.16

Plan: Default Scenario Reach J Reach J RS: 1130 Profile: 1

E.G. Elev (ft)	2935.92	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.38	Wt. n-Val.	0.025	0.035	0.045
W.S. Elev (ft)	2935.55	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2935.55	Flow Area (sq ft)	16.06	34.76	17.25
E.G. Slope (ft/ft)	0.010559	Area (sq ft)	16.06	34.76	17.25
Q Total (cfs)	296.10	Flow (cfs)	53.00	196.11	47.00
Top Width (ft)	87.96	Top Width (ft)	40.43	23.59	23.94
Vel Total (ft/s)	4.35	Avg. Vel. (ft/s)	3.30	5.64	2.72
Max Chl Dpth (ft)	1.72	Hydr. Depth (ft)	0.40	1.47	0.72
Conv. Total (cfs)	2881.5	Conv. (cfs)	515.8	1908.4	457.3
Length Wtd. (ft)	352.33	Wetted Per. (ft)	40.45	23.63	23.97
Min Ch El (ft)	2933.83	Shear (lb/sq ft)	0.26	0.97	0.47
Alpha	1.28	Stream Power (lb/ft s)	297.43	0.00	0.00
Frctn Loss (ft)	4.31	Cum Volume (acre-ft)	3.57	10.51	2.01
C & E Loss (ft)	0.01	Cum SA (acres)	7.45	11.04	5.04

Plan: Default Scenario Reach J Reach J RS: 1129 Profile: 1

E.G. Elev (ft)	2930.51	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.49	Wt. n-Val.	0.025	0.035	0.045
W.S. Elev (ft)	2930.02	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2930.14	Flow Area (sq ft)	26.16	11.75	18.33
E.G. Slope (ft/ft)	0.024101	Area (sq ft)	26.16	11.75	18.33
Q Total (cfs)	296.10	Flow (cfs)	149.38	78.65	68.07
Top Width (ft)	94.92	Top Width (ft)	53.75	11.47	29.70
Vel Total (ft/s)	5.26	Avg. Vel. (ft/s)	5.71	6.69	3.71
Max Chl Dpth (ft)	1.18	Hydr. Depth (ft)	0.49	1.02	0.62
Conv. Total (cfs)	1907.3	Conv. (cfs)	962.2	506.6	438.5
Length Wtd. (ft)	352.33	Wetted Per. (ft)	53.76	11.49	29.72
Min Ch El (ft)	2928.84	Shear (lb/sq ft)	0.73	1.54	0.93
Alpha	1.14	Stream Power (lb/ft s)	240.82	0.00	0.00
Frctn Loss (ft)	5.41	Cum Volume (acre-ft)	3.39	10.32	1.87
C & E Loss (ft)	0.01	Cum SA (acres)	7.06	10.90	4.82

Plan: Default Scenario Reach J Reach J RS: 1128 Profile: 1

E.G. Elev (ft)	2923.28	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.52	Wt. n-Val.	0.030	0.035	0.045
W.S. Elev (ft)	2922.75	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2922.88	Flow Area (sq ft)	12.50	41.57	0.36
E.G. Slope (ft/ft)	0.017717	Area (sq ft)	12.50	41.57	0.36
Q Total (cfs)	296.10	Flow (cfs)	41.44	254.20	0.46
Top Width (ft)	74.12	Top Width (ft)	35.01	36.82	2.30
Vel Total (ft/s)	5.44	Avg. Vel. (ft/s)	3.32	6.11	1.27
Max Chl Dpth (ft)	1.55	Hydr. Depth (ft)	0.36	1.13	0.16
Conv. Total (cfs)	2224.5	Conv. (cfs)	311.4	1909.8	3.4
Length Wtd. (ft)	352.33	Wetted Per. (ft)	35.02	36.94	2.32
Min Ch El (ft)	2921.20	Shear (lb/sq ft)	0.39	1.24	0.17
Alpha	1.14	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	7.24	Cum Volume (acre-ft)	3.24	10.10	1.79
C & E Loss (ft)	0.00	Cum SA (acres)	6.71	10.70	4.69

Plan: Default Scenario Reach J Reach J RS: 1127 Profile: 1

E.G. Elev (ft)	2917.34	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.63	Wt. n-Val.	0.025	0.035	0.045
W.S. Elev (ft)	2916.70	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2916.88	Flow Area (sq ft)	20.78	28.33	5.63
E.G. Slope (ft/ft)	0.015998	Area (sq ft)	20.78	28.33	5.63
Q Total (cfs)	296.10	Flow (cfs)	73.52	206.71	15.88
Top Width (ft)	92.26	Top Width (ft)	64.32	17.84	10.10
Vel Total (ft/s)	5.41	Avg. Vel. (ft/s)	3.54	7.30	2.82
Max Chl Dpth (ft)	1.90	Hydr. Depth (ft)	0.32	1.59	0.56
Conv. Total (cfs)	2341.0	Conv. (cfs)	581.2	1634.2	125.5
Length Wtd. (ft)	352.33	Wetted Per. (ft)	64.36	17.89	10.17
Min Ch El (ft)	2914.80	Shear (lb/sq ft)	0.32	1.58	0.55
Alpha	1.39	Stream Power (lb/ft s)	238.13	0.00	0.00
Frctn Loss (ft)	5.93	Cum Volume (acre-ft)	3.10	9.82	1.77
C & E Loss (ft)	0.01	Cum SA (acres)	6.30	10.48	4.64

Plan: Default Scenario Reach J Reach J RS: 1126 Profile: 1

E.G. Elev (ft)	2911.91	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.56	Wt. n-Val.	0.025	0.035	0.045
W.S. Elev (ft)	2911.35	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2911.52	Flow Area (sq ft)	19.93	31.20	3.99
E.G. Slope (ft/ft)	0.014713	Area (sq ft)	19.93	31.20	3.99
Q Total (cfs)	296.10	Flow (cfs)	77.31	209.88	8.90
Top Width (ft)	80.63	Top Width (ft)	50.49	20.60	9.55
Vel Total (ft/s)	5.37	Avg. Vel. (ft/s)	3.88	6.73	2.23
Max Chl Dpth (ft)	2.15	Hydr. Depth (ft)	0.39	1.51	0.42
Conv. Total (cfs)	2441.1	Conv. (cfs)	637.4	1730.3	73.4
Length Wtd. (ft)	352.33	Wetted Per. (ft)	50.50	20.89	9.58
Min Ch El (ft)	2909.20	Shear (lb/sq ft)	0.36	1.37	0.38
Alpha	1.25	Stream Power (lb/ft s)	361.86	0.00	0.00
Frctn Loss (ft)	5.40	Cum Volume (acre-ft)	2.94	9.58	1.73
C & E Loss (ft)	0.02	Cum SA (acres)	5.84	10.33	4.56

Plan: Default Scenario Reach J Reach J RS: 1125 Profile: 1

E.G. Elev (ft)	2907.38	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.16	Wt. n-Val.		0.025	
W.S. Elev (ft)	2907.23	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2907.22	Flow Area (sq ft)		93.39	
E.G. Slope (ft/ft)	0.012093	Area (sq ft)		93.39	
Q Total (cfs)	296.10	Flow (cfs)		296.10	
Top Width (ft)	276.42	Top Width (ft)		276.42	
Vel Total (ft/s)	3.17	Avg. Vel. (ft/s)		3.17	
Max Chl Dpth (ft)	0.52	Hydr. Depth (ft)		0.34	
Conv. Total (cfs)	2692.6	Conv. (cfs)		2692.6	
Length Wtd. (ft)	352.33	Wetted Per. (ft)		276.44	
Min Ch El (ft)	2906.71	Shear (lb/sq ft)		0.26	
Alpha	1.00	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.18	Cum Volume (acre-ft)	2.86	9.08	1.71
C & E Loss (ft)	0.02	Cum SA (acres)	5.64	9.12	4.52

Plan: Default Scenario Reach J Reach J RS: 1124 Profile: 1

E.G. Elev (ft)	2903.19	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.39	Wt. n-Val.	0.025	0.035	0.045
W.S. Elev (ft)	2902.80	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2902.80	Flow Area (sq ft)	32.33	27.28	1.29
E.G. Slope (ft/ft)	0.011638	Area (sq ft)	32.33	27.28	1.29
Q Total (cfs)	296.10	Flow (cfs)	144.11	149.46	2.53
Top Width (ft)	79.56	Top Width (ft)	55.76	20.79	3.01
Vel Total (ft/s)	4.86	Avg. Vel. (ft/s)	4.46	5.48	1.96
Max Chl Dpth (ft)	1.62	Hydr. Depth (ft)	0.58	1.31	0.43
Conv. Total (cfs)	2744.7	Conv. (cfs)	1335.8	1385.4	23.4
Length Wtd. (ft)	352.33	Wetted Per. (ft)	55.78	20.85	3.15
Min Ch El (ft)	2901.18	Shear (lb/sq ft)	0.42	0.95	0.30
Alpha	1.05	Stream Power (lb/ft s)	294.75	0.00	0.00
Frctn Loss (ft)	3.83	Cum Volume (acre-ft)	2.73	8.59	1.71
C & E Loss (ft)	0.01	Cum SA (acres)	5.41	7.92	4.51

Plan: Default Scenario Reach J Reach J RS: 1123 Profile: 1

E.G. Elev (ft)	2899.13	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.39	Wt. n-Val.	0.030	0.035	0.030
W.S. Elev (ft)	2898.74	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2898.77	Flow Area (sq ft)	35.73	29.69	0.18
E.G. Slope (ft/ft)	0.011388	Area (sq ft)	35.73	29.69	0.18
Q Total (cfs)	296.10	Flow (cfs)	120.69	175.12	0.30
Top Width (ft)	90.67	Top Width (ft)	69.89	19.80	0.97
Vel Total (ft/s)	4.51	Avg. Vel. (ft/s)	3.38	5.90	1.64
Max Chl Dpth (ft)	1.91	Hydr. Depth (ft)	0.51	1.50	0.18
Conv. Total (cfs)	2774.7	Conv. (cfs)	1130.9	1641.0	2.8
Length Wtd. (ft)	352.33	Wetted Per. (ft)	69.92	19.99	1.04
Min Ch El (ft)	2896.83	Shear (lb/sq ft)	0.36	1.06	0.12
Alpha	1.24	Stream Power (lb/ft s)	254.11	0.00	0.00
Frctn Loss (ft)	4.06	Cum Volume (acre-ft)	2.45	8.36	1.70
C & E Loss (ft)	0.00	Cum SA (acres)	4.90	7.76	4.50

Plan: Default Scenario Reach J Reach J RS: 1122 Profile: 1

E.G. Elev (ft)	2893.82	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.76	Wt. n-Val.	0.030	0.035	0.045
W.S. Elev (ft)	2893.06	Reach Len. (ft)	704.65	704.65	704.65
Crit W.S. (ft)	2893.25	Flow Area (sq ft)	0.70	41.61	0.74
E.G. Slope (ft/ft)	0.020594	Area (sq ft)	0.70	41.61	0.74
Q Total (cfs)	296.10	Flow (cfs)	1.53	293.23	1.34
Top Width (ft)	40.31	Top Width (ft)	4.03	33.22	3.06
Vel Total (ft/s)	6.88	Avg. Vel. (ft/s)	2.20	7.05	1.82
Max Chl Dpth (ft)	2.10	Hydr. Depth (ft)	0.17	1.25	0.24
Conv. Total (cfs)	2063.3	Conv. (cfs)	10.7	2043.3	9.4
Length Wtd. (ft)	704.65	Wetted Per. (ft)	4.05	33.44	3.10
Min Ch El (ft)	2890.96	Shear (lb/sq ft)	0.22	1.60	0.31
Alpha	1.04	Stream Power (lb/ft s)	272.20	0.00	0.00
Frctn Loss (ft)	5.28	Cum Volume (acre-ft)	2.30	8.07	1.70
C & E Loss (ft)	0.04	Cum SA (acres)	4.60	7.54	4.48

Plan: Default Scenario Reach J Reach J RS: 1121 Profile: 1

E.G. Elev (ft)	2886.09	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.25	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2885.84	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2885.66	Flow Area (sq ft)	52.48	19.26	8.24
E.G. Slope (ft/ft)	0.012207	Area (sq ft)	52.48	19.26	8.24
Q Total (cfs)	296.10	Flow (cfs)	177.55	98.12	20.43
Top Width (ft)	90.28	Top Width (ft)	58.72	17.01	14.55
Vel Total (ft/s)	3.70	Avg. Vel. (ft/s)	3.38	5.09	2.48
Max Chl Dpth (ft)	1.17	Hydr. Depth (ft)	0.89	1.13	0.57
Conv. Total (cfs)	2680.0	Conv. (cfs)	1607.0	888.1	184.9
Length Wtd. (ft)	352.33	Wetted Per. (ft)	58.76	17.01	14.73
Min Ch El (ft)	2884.68	Shear (lb/sq ft)	0.68	0.86	0.43
Alpha	1.16	Stream Power (lb/ft s)	215.51	0.00	0.00
Frctn Loss (ft)	4.34	Cum Volume (acre-ft)	1.87	7.58	1.63
C & E Loss (ft)	0.00	Cum SA (acres)	4.10	7.14	4.34

Plan: Default Scenario Reach J Reach J RS: 1120 Profile: 1

E.G. Elev (ft)	2881.74	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.29	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2881.45	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2881.45	Flow Area (sq ft)	34.78	45.92	2.43
E.G. Slope (ft/ft)	0.012416	Area (sq ft)	34.78	45.92	2.43
Q Total (cfs)	296.10	Flow (cfs)	70.17	222.44	3.48
Top Width (ft)	139.93	Top Width (ft)	85.65	44.30	9.99
Vel Total (ft/s)	3.56	Avg. Vel. (ft/s)	2.02	4.84	1.43
Max Chl Dpth (ft)	1.14	Hydr. Depth (ft)	0.41	1.04	0.24
Conv. Total (cfs)	2657.3	Conv. (cfs)	629.7	1996.3	31.3
Length Wtd. (ft)	352.33	Wetted Per. (ft)	85.68	44.32	10.01
Min Ch El (ft)	2880.31	Shear (lb/sq ft)	0.31	0.80	0.19
Alpha	1.47	Stream Power (lb/ft s)	288.13	0.00	0.00
Frctn Loss (ft)	3.13	Cum Volume (acre-ft)	1.52	7.31	1.58
C & E Loss (ft)	0.01	Cum SA (acres)	3.51	6.89	4.24

Plan: Default Scenario Reach J Reach J RS: 1119 Profile: 1

E.G. Elev (ft)	2876.40	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.80	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2875.60	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2875.98	Flow Area (sq ft)	0.16	40.91	1.64
E.G. Slope (ft/ft)	0.018187	Area (sq ft)	0.16	40.91	1.64
Q Total (cfs)	296.10	Flow (cfs)	0.09	294.67	1.34
Top Width (ft)	52.70	Top Width (ft)	3.45	28.58	20.67
Vel Total (ft/s)	6.93	Avg. Vel. (ft/s)	0.57	7.20	0.82
Max Chl Dpth (ft)	2.31	Hydr. Depth (ft)	0.05	1.43	0.08
Conv. Total (cfs)	2195.6	Conv. (cfs)	0.7	2185.0	10.0
Length Wtd. (ft)	352.33	Wetted Per. (ft)	3.45	28.99	20.69
Min Ch El (ft)	2873.29	Shear (lb/sq ft)	0.05	1.60	0.09
Alpha	1.07	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.28	Cum Volume (acre-ft)	1.38	6.96	1.57
C & E Loss (ft)	0.05	Cum SA (acres)	3.15	6.59	4.11

Plan: Default Scenario Reach J Reach J RS: 1118 Profile: 1

E.G. Elev (ft)	2870.71	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.46	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2870.25	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2870.29	Flow Area (sq ft)	13.67	38.51	14.23
E.G. Slope (ft/ft)	0.013984	Area (sq ft)	13.67	38.51	14.23
Q Total (cfs)	296.10	Flow (cfs)	34.69	232.02	29.39
Top Width (ft)	92.26	Top Width (ft)	26.08	29.21	36.97
Vel Total (ft/s)	4.46	Avg. Vel. (ft/s)	2.54	6.03	2.07
Max Chl Dpth (ft)	1.88	Hydr. Depth (ft)	0.52	1.32	0.38
Conv. Total (cfs)	2504.0	Conv. (cfs)	293.4	1962.1	248.5
Length Wtd. (ft)	352.33	Wetted Per. (ft)	26.10	29.29	37.01
Min Ch El (ft)	2868.37	Shear (lb/sq ft)	0.46	1.15	0.34
Alpha	1.49	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.59	Cum Volume (acre-ft)	1.32	6.64	1.50
C & E Loss (ft)	0.10	Cum SA (acres)	3.03	6.36	3.88

Plan: Default Scenario Reach J Reach J RS: 1117 Profile: 1

E.G. Elev (ft)	2865.48	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.83	Wt. n-Val.		0.035	
W.S. Elev (ft)	2864.65	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2864.76	Flow Area (sq ft)		40.60	
E.G. Slope (ft/ft)	0.019863	Area (sq ft)		40.60	
Q Total (cfs)	296.10	Flow (cfs)		296.10	
Top Width (ft)	29.63	Top Width (ft)		29.63	
Vel Total (ft/s)	7.29	Avg. Vel. (ft/s)		7.29	
Max Chl Dpth (ft)	2.71	Hydr. Depth (ft)		1.37	
Conv. Total (cfs)	2101.0	Conv. (cfs)		2101.0	
Length Wtd. (ft)		Wetted Per. (ft)		30.18	
Min Ch El (ft)	2861.94	Shear (lb/sq ft)		1.67	
Alpha	1.00	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.32	Cum Volume (acre-ft)	1.27	6.32	1.44
C & E Loss (ft)	0.02	Cum SA (acres)	2.93	6.12	3.73

Plan: Default Scenario Reach J Reach J RS: 1116 Profile: 1

E.G. Elev (ft)	2860.47	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.42	Wt. n-Val.	0.045	0.035	0.060
W.S. Elev (ft)	2860.04	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2860.04	Flow Area (sq ft)	25.04	38.58	1.40
E.G. Slope (ft/ft)	0.014453	Area (sq ft)	25.04	38.58	1.40
Q Total (cfs)	296.10	Flow (cfs)	71.18	223.25	1.67
Top Width (ft)	78.38	Top Width (ft)	41.27	31.67	5.44
Vel Total (ft/s)	4.55	Avg. Vel. (ft/s)	2.84	5.79	1.20
Max Chl Dpth (ft)	2.23	Hydr. Depth (ft)	0.61	1.22	0.26
Conv. Total (cfs)	2463.0	Conv. (cfs)	592.1	1857.0	13.9
Length Wtd. (ft)	352.33	Wetted Per. (ft)	41.32	31.96	5.46
Min Ch El (ft)	2857.81	Shear (lb/sq ft)	0.55	1.09	0.23
Alpha	1.31	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)		Cum Volume (acre-ft)	1.17	6.00	1.44
C & E Loss (ft)		Cum SA (acres)	2.76	5.87	3.71

Plan: Default Scenario Reach J Reach J RS: 1115 Profile: 1

E.G. Elev (ft)	2854.77	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.50	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2854.27	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2854.36	Flow Area (sq ft)	12.44	40.61	6.27
E.G. Slope (ft/ft)	0.018163	Area (sq ft)	12.44	40.61	6.27
Q Total (cfs)	296.10	Flow (cfs)	35.52	247.28	13.30
Top Width (ft)	83.64	Top Width (ft)	24.19	36.97	22.48
Vel Total (ft/s)	4.99	Avg. Vel. (ft/s)	2.86	6.09	2.12
Max Chl Dpth (ft)	1.44	Hydr. Depth (ft)	0.51	1.10	0.28
Conv. Total (cfs)	2197.1	Conv. (cfs)	263.6	1834.8	98.7
Length Wtd. (ft)	352.33	Wetted Per. (ft)	24.20	37.00	22.50
Min Ch El (ft)	2852.83	Shear (lb/sq ft)	0.58	1.24	0.32
Alpha	1.29	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.69	Cum Volume (acre-ft)	1.02	5.68	1.41
C & E Loss (ft)	0.01	Cum SA (acres)	2.49	5.60	3.60

Plan: Default Scenario Reach J Reach J RS: 1114 Profile: 1

E.G. Elev (ft)	2849.77	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.52	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2849.25	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2849.29	Flow Area (sq ft)	8.85	42.22	9.16
E.G. Slope (ft/ft)	0.013065	Area (sq ft)	8.85	42.22	9.16
Q Total (cfs)	296.10	Flow (cfs)	18.96	258.86	18.28
Top Width (ft)	73.87	Top Width (ft)	20.68	29.37	23.82
Vel Total (ft/s)	4.92	Avg. Vel. (ft/s)	2.14	6.13	2.00
Max Chl Dpth (ft)	2.22	Hydr. Depth (ft)	0.43	1.44	0.38
Conv. Total (cfs)	2590.5	Conv. (cfs)	165.9	2264.7	159.9
Length Wtd. (ft)	352.33	Wetted Per. (ft)	20.70	29.73	23.83
Min Ch El (ft)	2847.03	Shear (lb/sq ft)	0.35	1.16	0.31
Alpha	1.38	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.04	Cum Volume (acre-ft)	0.93	5.34	1.35
C & E Loss (ft)	0.01	Cum SA (acres)	2.31	5.33	3.41

Plan: Default Scenario Reach J Reach J RS: 1113 Profile: 1

E.G. Elev (ft)	2844.53	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.43	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2844.10	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2844.20	Flow Area (sq ft)	11.11	38.22	19.34
E.G. Slope (ft/ft)	0.016904	Area (sq ft)	11.11	38.22	19.34
Q Total (cfs)	296.10	Flow (cfs)	31.79	223.78	40.53
Top Width (ft)	135.11	Top Width (ft)	20.39	34.98	79.73
Vel Total (ft/s)	4.31	Avg. Vel. (ft/s)	2.86	5.85	2.10
Max Chl Dpth (ft)	1.35	Hydr. Depth (ft)	0.54	1.09	0.24
Conv. Total (cfs)	2277.5	Conv. (cfs)	244.5	1721.2	311.7
Length Wtd. (ft)	352.33	Wetted Per. (ft)	20.42	34.99	79.81
Min Ch El (ft)	2842.75	Shear (lb/sq ft)	0.57	1.15	0.26
Alpha	1.47	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.21	Cum Volume (acre-ft)	0.85	5.02	1.23
C & E Loss (ft)	0.03	Cum SA (acres)	2.15	5.07	2.99

Plan: Default Scenario Reach J Reach J RS: 1112 Profile: 1

E.G. Elev (ft)	2839.01	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.64	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2838.37	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2838.42	Flow Area (sq ft)	2.03	44.95	2.10
E.G. Slope (ft/ft)	0.014470	Area (sq ft)	2.03	44.95	2.10
Q Total (cfs)	296.10	Flow (cfs)	2.09	290.86	3.15
Top Width (ft)	55.63	Top Width (ft)	15.48	31.12	9.03
Vel Total (ft/s)	6.03	Avg. Vel. (ft/s)	1.03	6.47	1.50
Max Chl Dpth (ft)	2.49	Hydr. Depth (ft)	0.13	1.44	0.23
Conv. Total (cfs)	2461.5	Conv. (cfs)	17.4	2418.0	26.2
Length Wtd. (ft)	352.33	Wetted Per. (ft)	15.49	31.51	9.04
Min Ch El (ft)	2835.88	Shear (lb/sq ft)	0.12	1.29	0.21
Alpha	1.13	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.50	Cum Volume (acre-ft)	0.80	4.68	1.14
C & E Loss (ft)	0.02	Cum SA (acres)	2.00	4.80	2.63

Plan: Default Scenario Reach J Reach J RS: 1111 Profile: 1

E.G. Elev (ft)	2834.39	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.65	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2833.74	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2833.94	Flow Area (sq ft)	4.44	42.25	8.30
E.G. Slope (ft/ft)	0.011956	Area (sq ft)	4.44	42.25	8.30
Q Total (cfs)	296.10	Flow (cfs)	6.49	281.20	8.41
Top Width (ft)	106.86	Top Width (ft)	17.22	24.23	65.40
Vel Total (ft/s)	5.38	Avg. Vel. (ft/s)	1.46	6.66	1.01
Max Chl Dpth (ft)	2.54	Hydr. Depth (ft)	0.26	1.74	0.13
Conv. Total (cfs)	2708.0	Conv. (cfs)	59.4	2571.7	76.9
Length Wtd. (ft)	352.33	Wetted Per. (ft)	17.26	24.61	65.45
Min Ch El (ft)	2831.20	Shear (lb/sq ft)	0.19	1.28	0.09
Alpha	1.45	Stream Power (lb/ft s)	342.63	0.00	0.00
Frctn Loss (ft)	4.62	Cum Volume (acre-ft)	0.77	4.33	1.10
C & E Loss (ft)	0.00	Cum SA (acres)	1.87	4.58	2.33

Plan: Default Scenario Reach J Reach J RS: 1110 Profile: 1

E.G. Elev (ft)	2830.28	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.31	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2829.97	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2829.93	Flow Area (sq ft)	13.41	37.69	26.24
E.G. Slope (ft/ft)	0.014232	Area (sq ft)	13.41	37.69	26.24
Q Total (cfs)	296.10	Flow (cfs)	31.89	196.31	67.91
Top Width (ft)	113.89	Top Width (ft)	28.60	36.04	49.24
Vel Total (ft/s)	3.83	Avg. Vel. (ft/s)	2.38	5.21	2.59
Max Chl Dpth (ft)	1.68	Hydr. Depth (ft)	0.47	1.05	0.53
Conv. Total (cfs)	2482.0	Conv. (cfs)	267.3	1645.6	569.2
Length Wtd. (ft)	352.33	Wetted Per. (ft)	28.62	36.13	49.28
Min Ch El (ft)	2828.29	Shear (lb/sq ft)	0.42	0.93	0.47
Alpha	1.37	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.66	Cum Volume (acre-ft)	0.70	4.01	0.96
C & E Loss (ft)	0.02	Cum SA (acres)	1.68	4.33	1.87

Plan: Default Scenario Reach J Reach J RS: 1109 Profile: 1

E.G. Elev (ft)	2825.61	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.54	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2825.07	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2825.07	Flow Area (sq ft)	6.36	36.34	18.34
E.G. Slope (ft/ft)	0.012306	Area (sq ft)	6.36	36.34	18.34
Q Total (cfs)	296.10	Flow (cfs)	15.35	235.36	45.38
Top Width (ft)	67.11	Top Width (ft)	11.83	22.31	32.97
Vel Total (ft/s)	4.85	Avg. Vel. (ft/s)	2.41	6.48	2.47
Max Chl Dpth (ft)	2.39	Hydr. Depth (ft)	0.54	1.63	0.56
Conv. Total (cfs)	2669.2	Conv. (cfs)	138.4	2121.7	409.1
Length Wtd. (ft)		Wetted Per. (ft)	11.90	22.54	33.02
Min Ch El (ft)	2822.68	Shear (lb/sq ft)	0.41	1.24	0.43
Alpha	1.47	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)		Cum Volume (acre-ft)	0.62	3.71	0.78
C & E Loss (ft)		Cum SA (acres)	1.52	4.10	1.53

Plan: Default Scenario Reach J Reach J RS: 1108 Profile: 1

E.G. Elev (ft)	2820.25	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.30	Wt. n-Val.	0.045	0.045	0.045
W.S. Elev (ft)	2819.95	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2819.89	Flow Area (sq ft)	9.48	58.34	4.63
E.G. Slope (ft/ft)	0.018712	Area (sq ft)	9.48	58.34	4.63
Q Total (cfs)	296.10	Flow (cfs)	16.42	268.46	11.22
Top Width (ft)	108.25	Top Width (ft)	39.88	56.64	11.73
Vel Total (ft/s)	4.09	Avg. Vel. (ft/s)	1.73	4.60	2.43
Max Chl Dpth (ft)	1.55	Hydr. Depth (ft)	0.24	1.03	0.39
Conv. Total (cfs)	2164.6	Conv. (cfs)	120.0	1962.5	82.0
Length Wtd. (ft)	352.33	Wetted Per. (ft)	39.91	56.75	11.76
Min Ch El (ft)	2818.40	Shear (lb/sq ft)	0.28	1.20	0.46
Alpha	1.17	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.81	Cum Volume (acre-ft)	0.55	3.32	0.69
C & E Loss (ft)	0.03	Cum SA (acres)	1.31	3.78	1.35

Plan: Default Scenario Reach J Reach J RS: 1107 Profile: 1

E.G. Elev (ft)	2814.41	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.64	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2813.77	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2813.77	Flow Area (sq ft)	2.28	43.73	2.78
E.G. Slope (ft/ft)	0.014648	Area (sq ft)	2.28	43.73	2.78
Q Total (cfs)	296.10	Flow (cfs)	4.59	284.76	6.75
Top Width (ft)	42.38	Top Width (ft)	6.35	30.24	5.79
Vel Total (ft/s)	6.07	Avg. Vel. (ft/s)	2.01	6.51	2.43
Max Chl Dpth (ft)	2.61	Hydr. Depth (ft)	0.36	1.45	0.48
Conv. Total (cfs)	2446.5	Conv. (cfs)	37.9	2352.8	55.8
Length Wtd. (ft)	352.33	Wetted Per. (ft)	6.39	30.66	5.87
Min Ch El (ft)	2811.16	Shear (lb/sq ft)	0.33	1.30	0.43
Alpha	1.11	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.77	Cum Volume (acre-ft)	0.51	2.91	0.66
C & E Loss (ft)	0.08	Cum SA (acres)	1.13	3.43	1.28

Plan: Default Scenario Reach J Reach J RS: 1106 Profile: 1

E.G. Elev (ft)	2809.37	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.38	Wt. n-Val.	0.045	0.035	
W.S. Elev (ft)	2808.99	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2809.02	Flow Area (sq ft)	35.44	38.75	
E.G. Slope (ft/ft)	0.013513	Area (sq ft)	35.44	38.75	
Q Total (cfs)	296.10	Flow (cfs)	78.26	217.84	
Top Width (ft)	112.20	Top Width (ft)	81.20	31.00	
Vel Total (ft/s)	3.99	Avg. Vel. (ft/s)	2.21	5.62	
Max Chl Dpth (ft)	3.12	Hydr. Depth (ft)	0.44	1.25	
Conv. Total (cfs)	2547.2	Conv. (cfs)	673.3	1874.0	
Length Wtd. (ft)	352.33	Wetted Per. (ft)	81.23	31.86	
Min Ch El (ft)	2805.87	Shear (lb/sq ft)	0.37	1.03	
Alpha	1.54	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.95	Cum Volume (acre-ft)	0.35	2.58	0.65
C & E Loss (ft)	0.08	Cum SA (acres)	0.77	3.18	1.26

Plan: Default Scenario Reach J Reach J RS: 1105 Profile: 1

E.G. Elev (ft)	2804.41	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.21	Wt. n-Val.		0.035	0.045
W.S. Elev (ft)	2804.20	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2803.99	Flow Area (sq ft)		26.46	55.03
E.G. Slope (ft/ft)	0.012906	Area (sq ft)		26.46	55.03
Q Total (cfs)	296.10	Flow (cfs)		109.47	186.63
Top Width (ft)	112.16	Top Width (ft)		33.16	79.00
Vel Total (ft/s)	3.63	Avg. Vel. (ft/s)		4.14	3.39
Max Chl Dpth (ft)	1.55	Hydr. Depth (ft)		0.80	0.70
Conv. Total (cfs)	2606.4	Conv. (cfs)		963.6	1642.8
Length Wtd. (ft)	352.33	Wetted Per. (ft)		33.29	79.13
Min Ch El (ft)	2802.77	Shear (lb/sq ft)		0.64	0.56
Alpha	1.03	Stream Power (lb/ft s)	388.06	0.00	0.00
Frctn Loss (ft)	3.47	Cum Volume (acre-ft)	0.21	2.31	0.42
C & E Loss (ft)	0.02	Cum SA (acres)	0.44	2.92	0.94

Plan: Default Scenario Reach J Reach J RS: 1104 Profile: 1

E.G. Elev (ft)	2800.93	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.15	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2800.78	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2800.60	Flow Area (sq ft)	3.74	82.27	15.97
E.G. Slope (ft/ft)	0.007757	Area (sq ft)	3.74	82.27	15.97
Q Total (cfs)	296.10	Flow (cfs)	6.16	267.50	22.44
Top Width (ft)	157.54	Top Width (ft)	8.75	101.26	47.53
Vel Total (ft/s)	2.90	Avg. Vel. (ft/s)	1.65	3.25	1.40
Max Chl Dpth (ft)	1.54	Hydr. Depth (ft)	0.43	0.81	0.34
Conv. Total (cfs)	3362.0	Conv. (cfs)	69.9	3037.3	254.8
Length Wtd. (ft)	352.33	Wetted Per. (ft)	8.79	101.45	47.57
Min Ch El (ft)	2799.24	Shear (lb/sq ft)	0.21	0.39	0.16
Alpha	1.16	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	4.25	Cum Volume (acre-ft)	0.20	1.87	0.14
C & E Loss (ft)	0.02	Cum SA (acres)	0.41	2.38	0.43

Plan: Default Scenario Reach J Reach J RS: 1103 Profile: 1

E.G. Elev (ft)	2796.66	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.34	Wt. n-Val.	0.060	0.035	0.060
W.S. Elev (ft)	2796.32	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2796.32	Flow Area (sq ft)	20.52	47.35	3.74
E.G. Slope (ft/ft)	0.021265	Area (sq ft)	20.52	47.35	3.74
Q Total (cfs)	296.10	Flow (cfs)	50.21	238.90	6.99
Top Width (ft)	111.13	Top Width (ft)	36.76	64.36	10.02
Vel Total (ft/s)	4.13	Avg. Vel. (ft/s)	2.45	5.04	1.87
Max Chl Dpth (ft)	1.01	Hydr. Depth (ft)	0.56	0.74	0.37
Conv. Total (cfs)	2030.5	Conv. (cfs)	344.3	1638.2	48.0
Length Wtd. (ft)	352.33	Wetted Per. (ft)	36.80	64.38	10.04
Min Ch El (ft)	2795.31	Shear (lb/sq ft)	0.74	0.98	0.49
Alpha	1.27	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	5.77	Cum Volume (acre-ft)	0.10	1.35	0.06
C & E Loss (ft)	0.03	Cum SA (acres)	0.22	1.71	0.20

Plan: Default Scenario Reach J Reach J RS: 1102 Profile: 1

E.G. Elev (ft)	2790.16	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.73	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2789.43	Reach Len. (ft)	352.33	352.33	352.33
Crit W.S. (ft)	2789.52	Flow Area (sq ft)	1.58	41.96	2.29
E.G. Slope (ft/ft)	0.016107	Area (sq ft)	1.58	41.96	2.29
Q Total (cfs)	296.10	Flow (cfs)	2.48	289.97	3.65
Top Width (ft)	45.34	Top Width (ft)	6.86	28.69	9.78
Vel Total (ft/s)	6.46	Avg. Vel. (ft/s)	1.57	6.91	1.59
Max Chl Dpth (ft)	2.00	Hydr. Depth (ft)	0.23	1.46	0.23
Conv. Total (cfs)	2333.1	Conv. (cfs)	19.5	2284.8	28.7
Length Wtd. (ft)	352.33	Wetted Per. (ft)	6.88	28.89	9.81
Min Ch El (ft)	2787.43	Shear (lb/sq ft)	0.23	1.46	0.24
Alpha	1.12	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	6.46	Cum Volume (acre-ft)	0.01	0.99	0.03
C & E Loss (ft)	0.04	Cum SA (acres)	0.05	1.33	0.12

Plan: Default Scenario Reach J Reach J RS: 1101 Profile: 1

E.G. Elev (ft)	2784.23	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.22	Wt. n-Val.	0.045	0.035	0.045
W.S. Elev (ft)	2784.02	Reach Len. (ft)	336.52	336.52	336.52
Crit W.S. (ft)	2783.95	Flow Area (sq ft)	0.20	77.04	3.04
E.G. Slope (ft/ft)	0.014883	Area (sq ft)	0.20	77.04	3.04
Q Total (cfs)	296.10	Flow (cfs)	0.15	290.27	5.68
Top Width (ft)	136.06	Top Width (ft)	2.40	124.10	9.56
Vel Total (ft/s)	3.69	Avg. Vel. (ft/s)	0.76	3.77	1.87
Max Chl Dpth (ft)	1.02	Hydr. Depth (ft)	0.08	0.62	0.32
Conv. Total (cfs)	2427.2	Conv. (cfs)	1.2	2379.4	46.5
Length Wtd. (ft)	336.52	Wetted Per. (ft)	2.41	124.18	9.61
Min Ch El (ft)	2783.00	Shear (lb/sq ft)	0.08	0.58	0.29
Alpha	1.03	Stream Power (lb/ft s)	400.00	0.00	0.00
Frctn Loss (ft)	3.98	Cum Volume (acre-ft)	0.00	0.51	0.01
C & E Loss (ft)	0.02	Cum SA (acres)	0.01	0.71	0.04

Plan: Default Scenario Reach J Reach J RS: 1100 Profile: 1

E.G. Elev (ft)	2780.22	Element	Left OB	Channel	Right OB
Vel Head (ft)	0.46	Wt. n-Val.		0.025	
W.S. Elev (ft)	2779.76	Reach Len. (ft)			
Crit W.S. (ft)	2779.76	Flow Area (sq ft)		54.50	
E.G. Slope (ft/ft)	0.009623	Area (sq ft)		54.50	
Q Total (cfs)	296.10	Flow (cfs)		296.10	
Top Width (ft)	60.35	Top Width (ft)		60.35	
Vel Total (ft/s)	5.43	Avg. Vel. (ft/s)		5.43	
Max Chl Dpth (ft)	2.14	Hydr. Depth (ft)		0.90	
Conv. Total (cfs)	3018.4	Conv. (cfs)		3018.4	
Length Wtd. (ft)		Wetted Per. (ft)		60.60	
Min Ch El (ft)	2777.62	Shear (lb/sq ft)		0.54	
Alpha	1.00	Stream Power (lb/ft s)	556.37	0.00	0.00
Frctn Loss (ft)		Cum Volume (acre-ft)			
C & E Loss (ft)		Cum SA (acres)			

CROSS SECTION PLOTS

