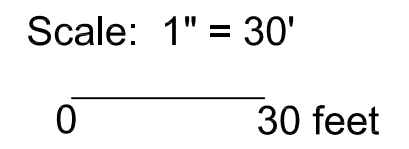
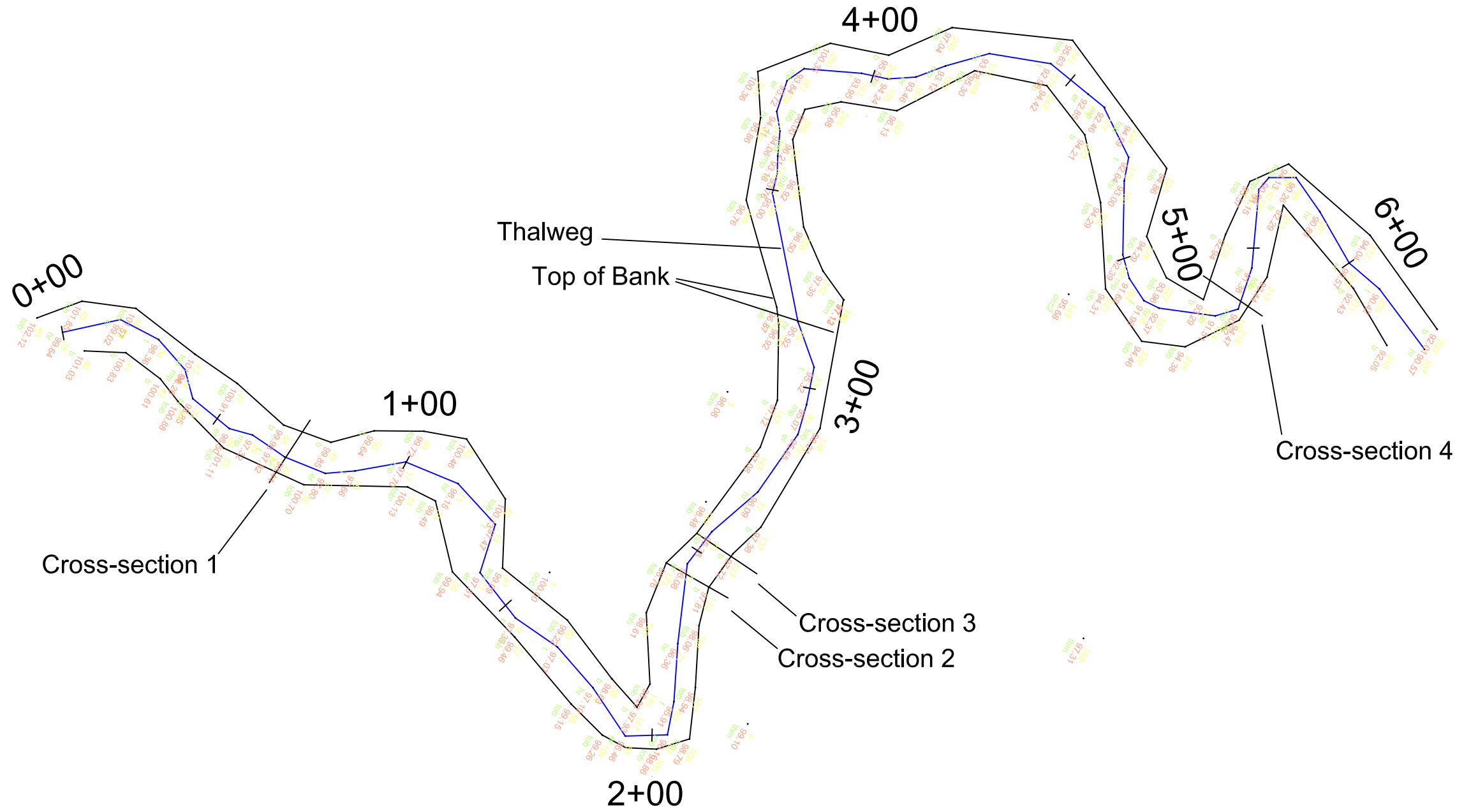
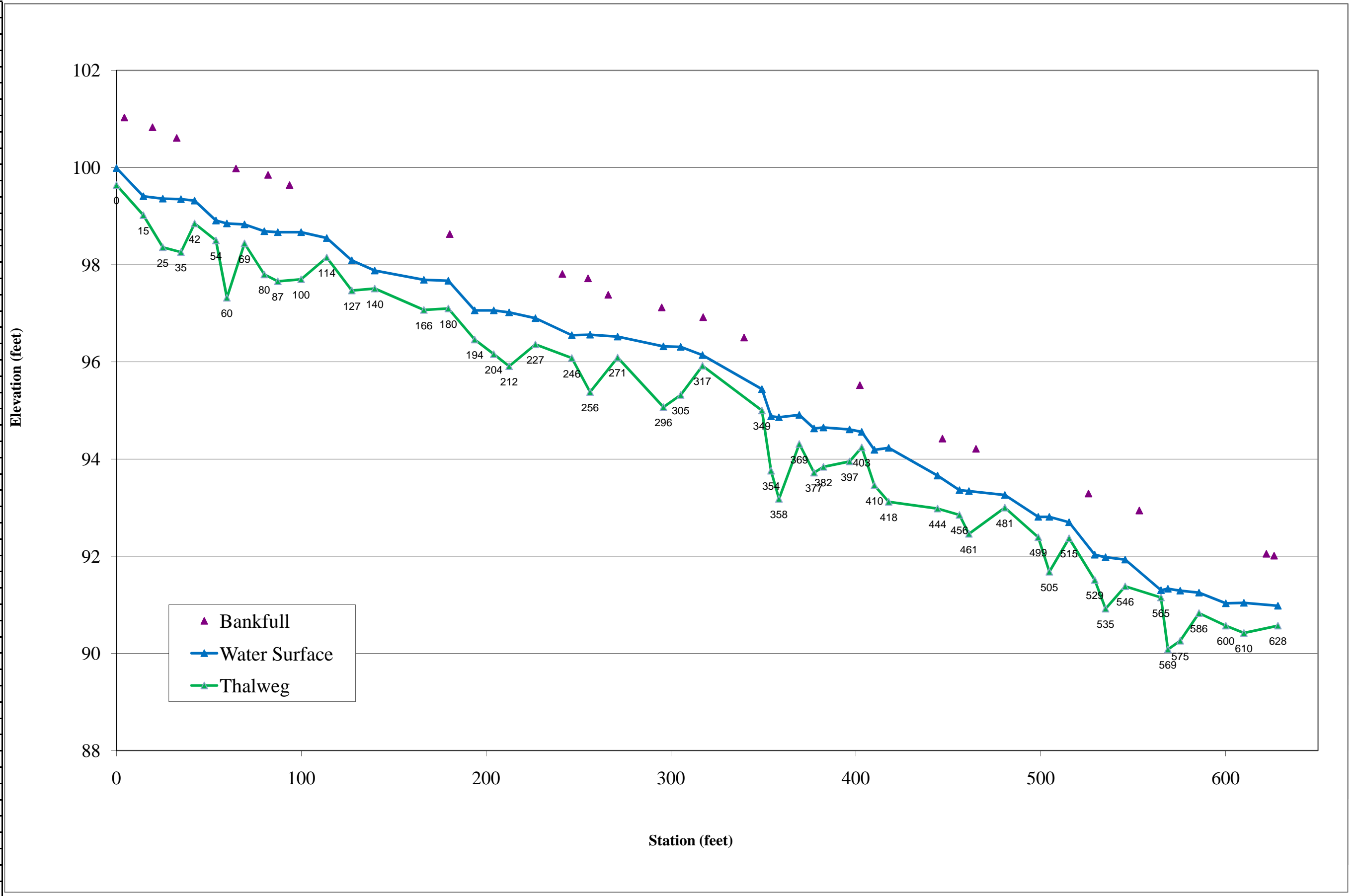


Boyd Branch Reference Reach Plan View



Boyd Branch Reference Reach Longitudinal Profile

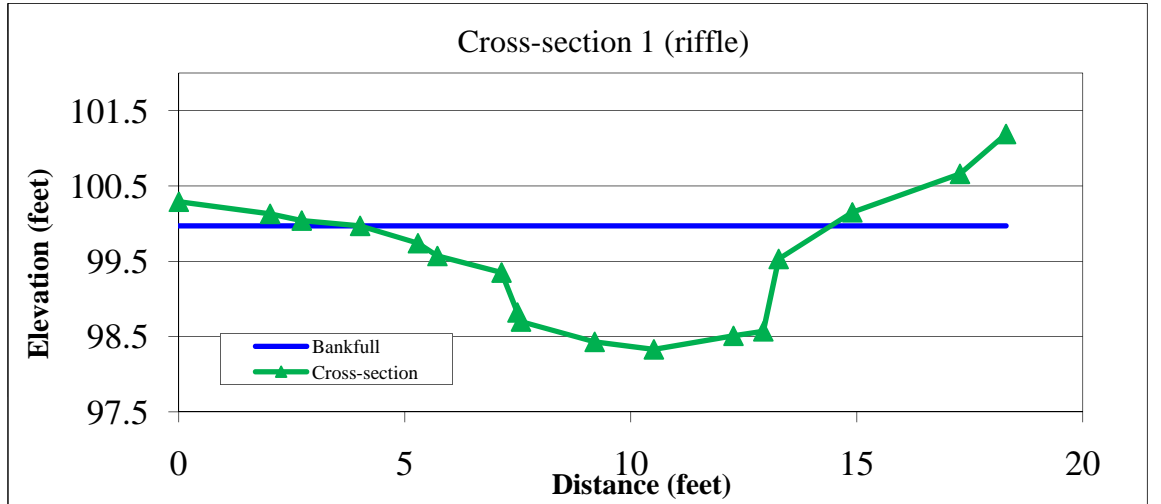
Station	Elev. thalweg	Elev. water
0	99.64	99.99
14.53	99.02	99.41
25.05	98.36	99.36
34.87	98.26	99.35
42.25	98.85	99.32
53.81	98.5	98.91
59.71	97.32	98.85
69.24	98.44	98.83
79.96	97.8	98.69
87.27	97.66	98.67
99.87	97.7	98.67
113.74	98.15	98.55
127.3	97.47	98.09
139.7	97.51	97.88
166.28	97.07	97.69
179.51	97.1	97.67
193.76	96.46	97.06
204.09	96.16	97.06
212.39	95.91	97.02
226.62	96.36	96.9
246.31	96.08	96.55
256.19	95.38	96.56
271.1	96.09	96.52
295.86	95.07	96.32
305.21	95.32	96.31
317	95.92	96.14
349.15	95	95.44
354.09	93.76	94.88
358.35	93.18	94.86
369.36	94.31	94.91
377.36	93.72	94.63
382.42	93.84	94.65
396.57	93.95	94.61
403.14	94.24	94.56
410	93.46	94.19
417.73	93.12	94.23
444.18	92.98	93.66
456	92.85	93.36
461.13	92.46	93.34
480.57	93	93.26
498.63	92.39	92.81
504.62	91.68	92.81
515.31	92.37	92.7
529.21	91.51	92.03
535.05	90.92	91.98
545.66	91.38	91.93
565.03	91.15	91.3
568.77	90.08	91.33
575.42	90.26	91.29
585.6	90.83	91.25
600.11	90.57	91.03
609.88	90.42	91.04
628.29	90.57	90.98



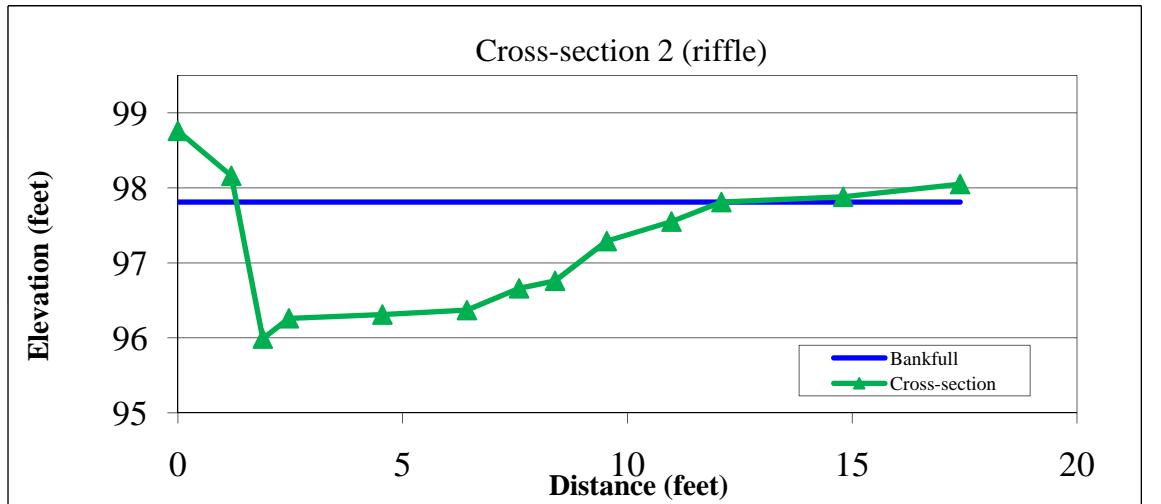
Boyd Branch Reference Reach Cross-sections

	x1	x2	x3	x4
	riffle	riffle	pool	pool
Area	10.0	11.4	15.5	13.9
Width	10.4	10.8	10.1	10.7
Mean Depth	1.0	1.1	1.5	1.3
Max Depth	1.6	1.8	2.4	2.3

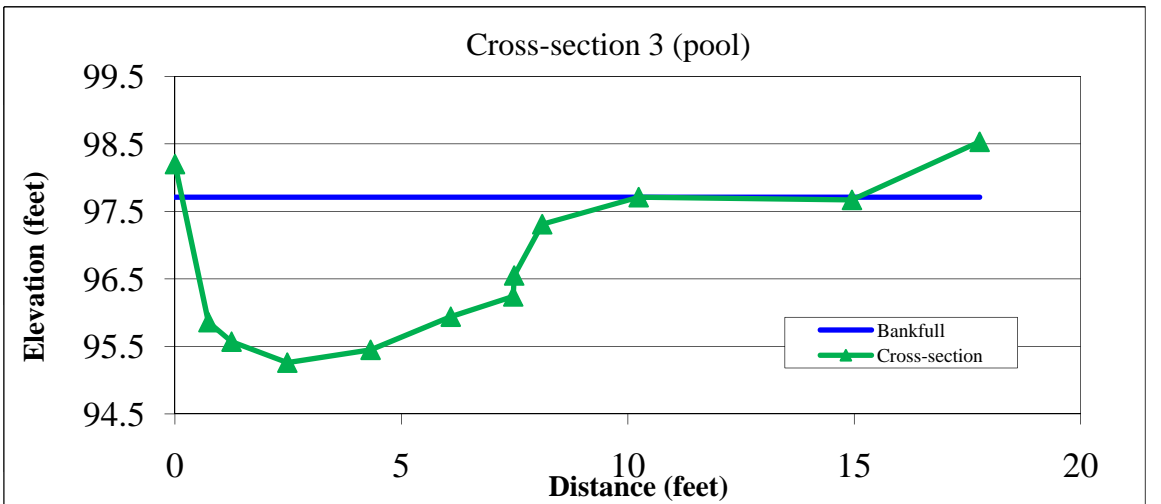
Sta.	Elev.	Desc.	Bkfl.	Incr. W	Depth	Mid. Elev.	Incr. area
0	100.29	xr	99.97	0.00	0.00	0.00	0.00
2.02	100.13	xr	99.97	0.00	0.00	0.00	0.00
2.72	100.04	xr	99.97	0.00	0.00	0.00	0.00
4.01	99.97	xrb	99.97	0.00	0.00	0.00	0.00
5.29	99.74	xr	99.97	1.28	0.23	99.86	0.15
5.72	99.57	xr	99.97	0.43	0.40	99.66	0.14
7.14	99.35	xr	99.97	1.42	0.62	99.46	0.72
7.49	98.82	xrw	99.97	0.35	1.15	99.09	0.31
7.57	98.7	xr	99.97	0.08	1.27	98.76	0.10
9.2	98.43	xr	99.97	1.63	1.54	98.57	2.29
10.51	98.33	xr	99.97	1.31	1.64	98.38	2.08
12.27	98.51	xr	99.97	1.76	1.46	98.42	2.73
12.93	98.57	xr	99.97	0.66	1.40	98.54	0.94
13.27	99.53	xr	99.97	0.34	0.44	99.05	0.31
14.9	100.15	xr	99.97	1.16	0.00	99.75	0.25
17.28	100.66	xr	99.97	0.00	0.00	0.00	0.00
18.3	101.19	xr	99.97	0.00	0.00	0.00	0.00



Sta.	Elev.	Desc.	Bkfl.	Incr. W	Depth	Mid. Elev.	Incr. area
0	98.76	xr	97.81	0.00	0.00	0.00	0.00
1.19	98.16	xr	97.81	0.00	0.00	0.00	0.00
1.89	95.99	xr	97.81	0.59	1.82	96.90	0.53
2.47	96.26	xr	97.81	0.58	1.55	96.13	0.98
4.55	96.31	xr	97.81	2.08	1.50	96.29	3.17
6.43	96.37	xr	97.81	1.88	1.44	96.34	2.76
7.59	96.66	xrw	97.81	1.16	1.15	96.52	1.50
8.39	96.76	xr	97.81	0.80	1.05	96.71	0.88
9.54	97.29	xr	97.81	1.15	0.52	97.03	0.90
10.98	97.55	xr	97.81	1.44	0.26	97.42	0.56
12.09	97.81	xrb	97.81	1.11	0.00	97.68	0.14
14.8	97.88	xr	97.81	0.00	0.00	0.00	0.00
17.4	98.05	xr	97.81	0.00	0.00	0.00	0.00



Sta.	Elev.	Desc.	Bkfl.	Incr. W	Depth	Mid. Elev.	Incr. area
0	98.2	xp	97.71	0.00	0.00	0.00	0.00
0.74	95.86	xp	97.71	0.59	1.85	96.79	0.54
1.25	95.57	xp	97.71	0.51	2.14	95.72	1.02
2.48	95.26	xp	97.71	1.23	2.45	95.42	2.82
4.32	95.45	xp	97.71	1.84	2.26	95.36	4.33
6.09	95.94	xp	97.71	1.77	1.77	95.70	3.57
7.47	96.24	xp	97.71	1.38	1.47	96.09	2.24
7.49	96.55	xpw	97.71	0.02	1.16	96.40	0.03
8.11	97.31	xp	97.71	0.62	0.40	96.93	0.48
10.24	97.71	xpb	97.71	2.13	0.00	97.51	0.43
14.95	97.67	xp	97.71	0.00	0.00	97.69	0.00
17.77	98.53	xp	97.71	0.00	0.00	97.69	0.00



Sta.	Elev.	Desc.	Bkfl.	Incr. W	Depth	Mid. Elev.	Incr. area
0	93.86	xp	93.34	0.00	0.00	0.00	0.00
1.38	93.4	xp	93.34	0.00	0.00	0.00	0.00
3.02	93.34	xpb	93.34	0.00	0.00	0.00	0.00
5.01	92.57	xp	93.34	1.99	0.77	92.96	0.77
6.22	92.43	xp	93.34	1.21	0.91	92.50	1.02
8	91.98	xpw	93.34	1.78	1.36	92.21	2.02
9.22	91.57	xp	93.34	1.22	1.77	91.78	1.91
10.02	91.18	xp	93.34	0.80	2.16	91.38	1.57
11.5	91.02	xp	93.34	1.48	2.32	91.10	3.32
12.56	91.06	xp	93.34	1.06	2.28	91.04	2.44
12.88	92.55	xp	93.34	0.32	0.79	91.81	0.49
13.79	93.39	xp	93.34	0.86	0.00	92.95	0.34
17.46	94.38	xp	93.34	0.00	0.00	0.00	0.00

