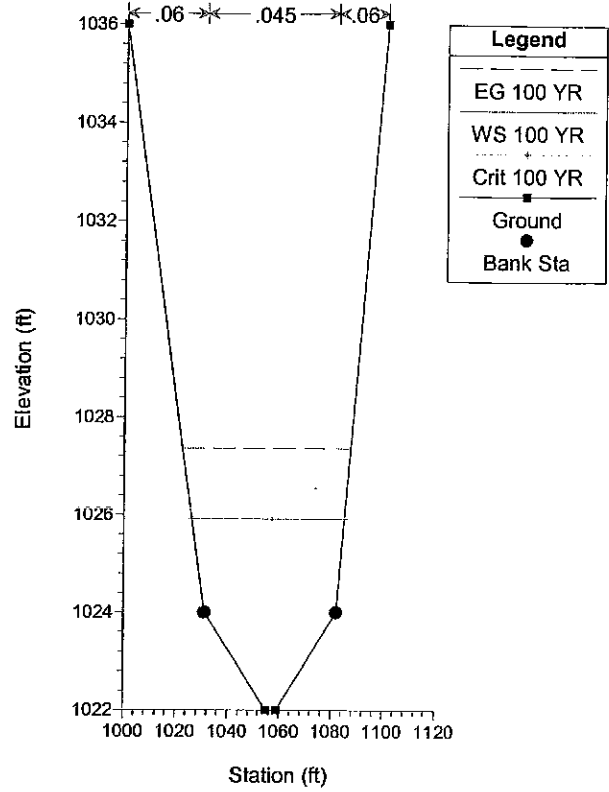
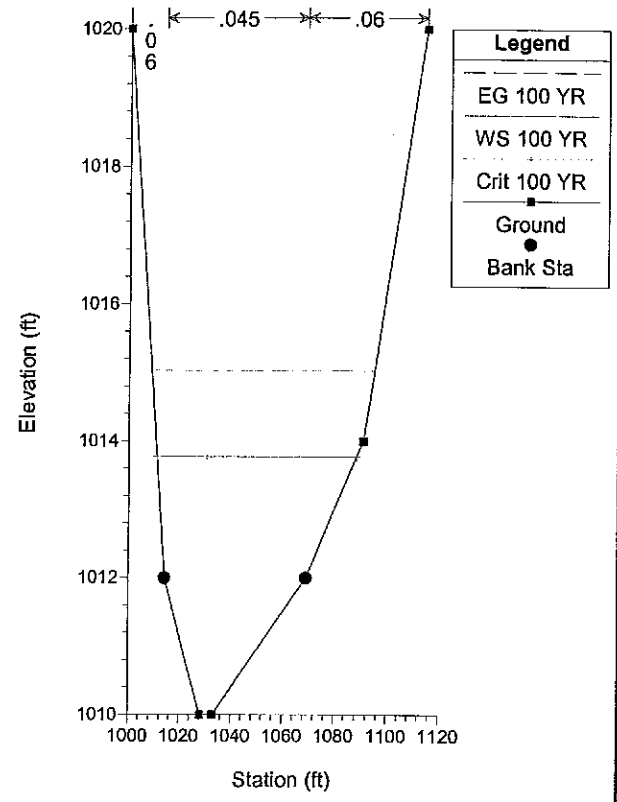


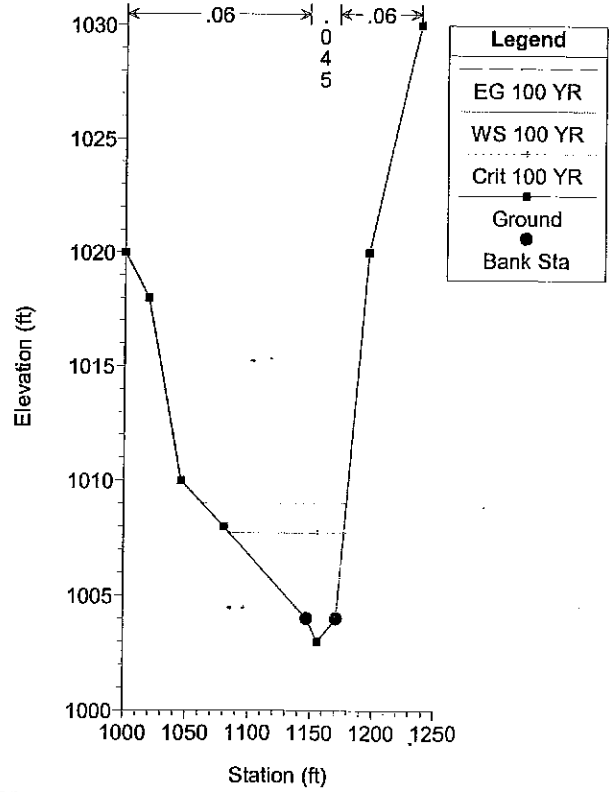
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-04 RS = 20130



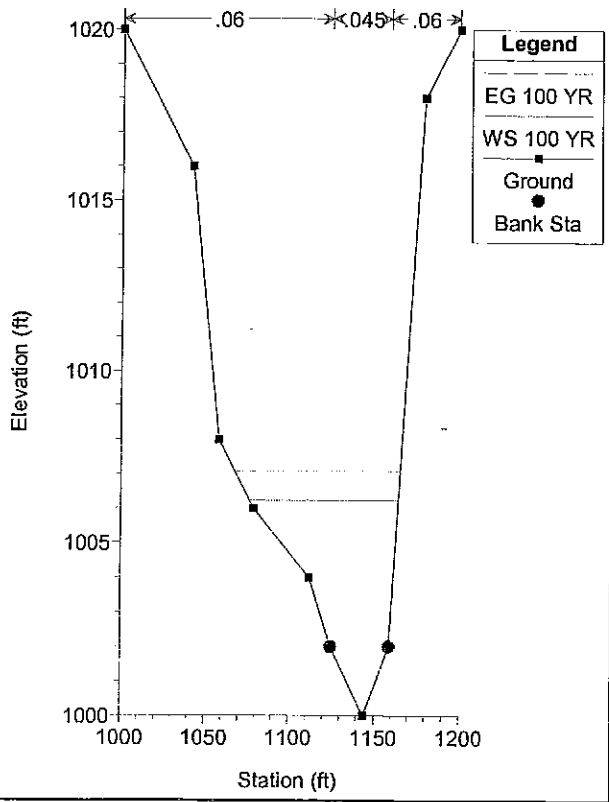
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-04 RS = 19630

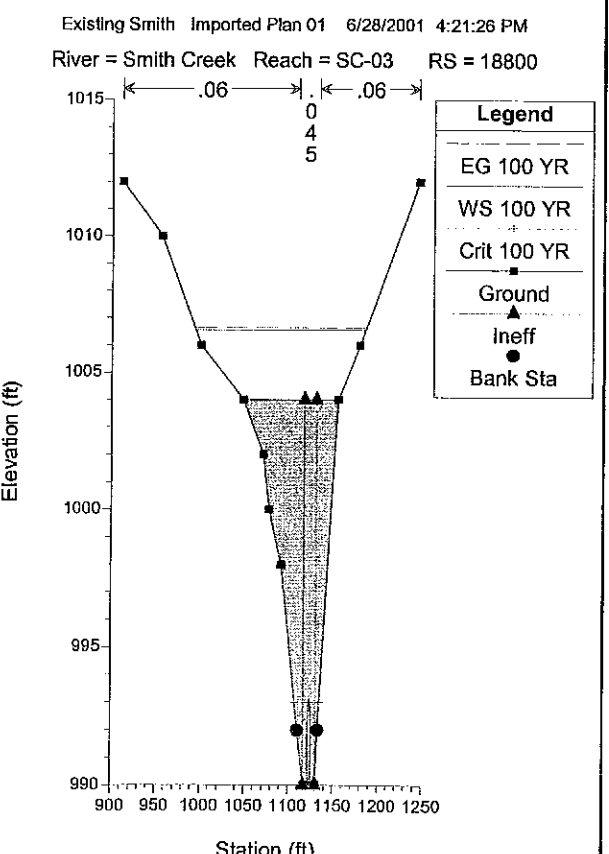
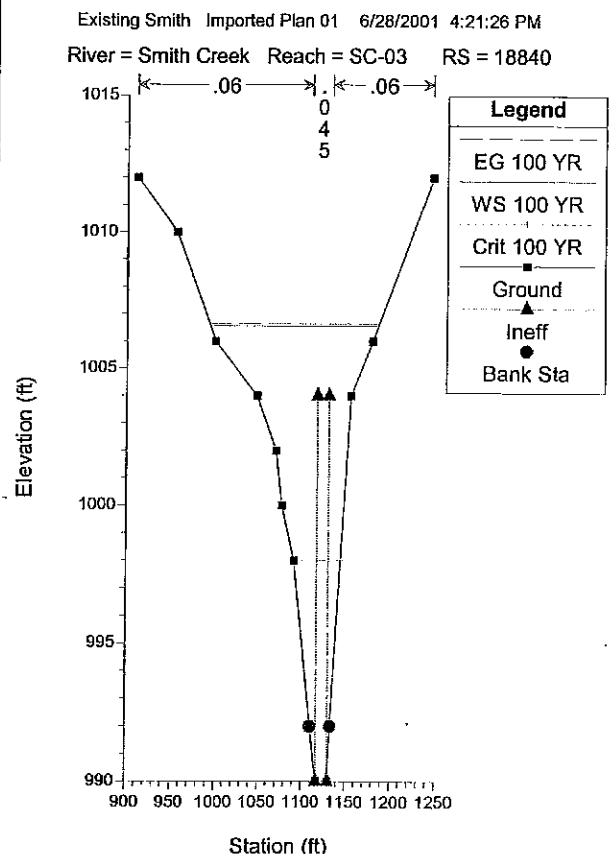
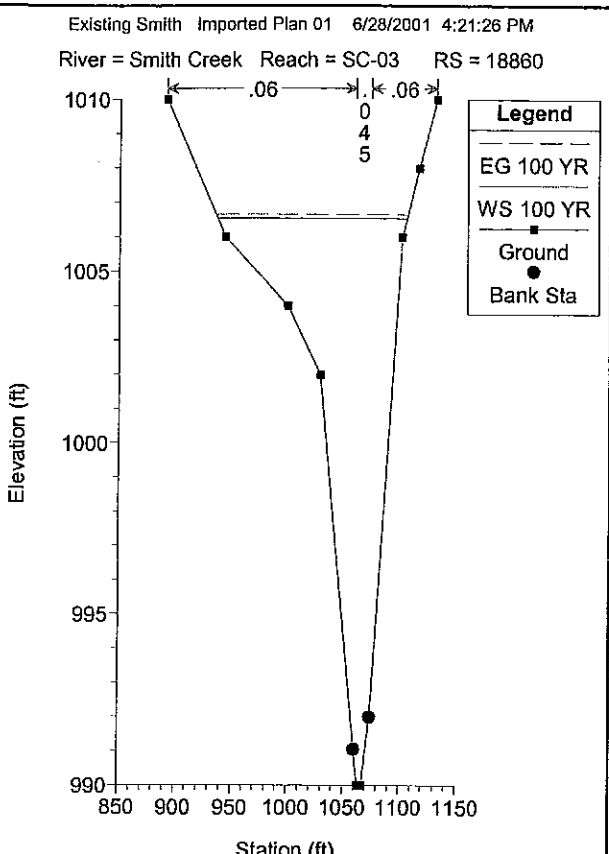
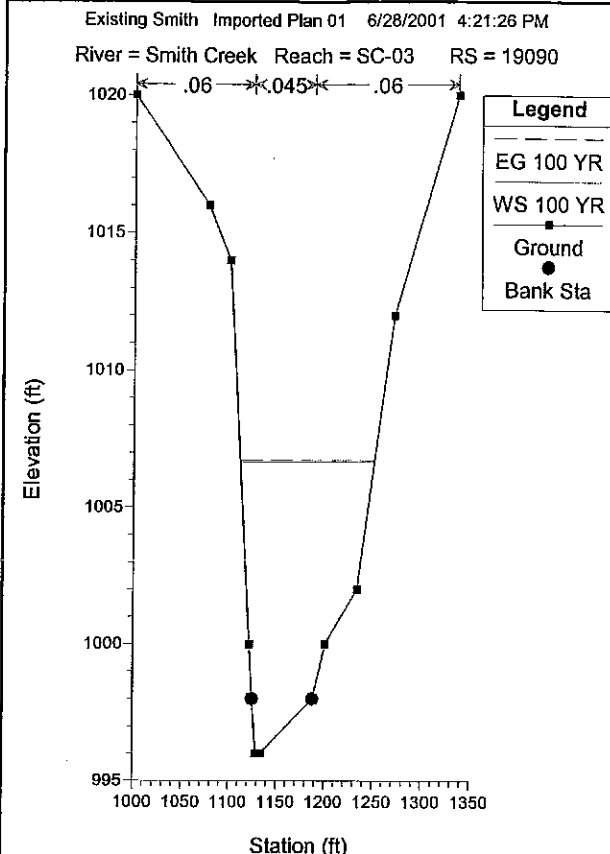


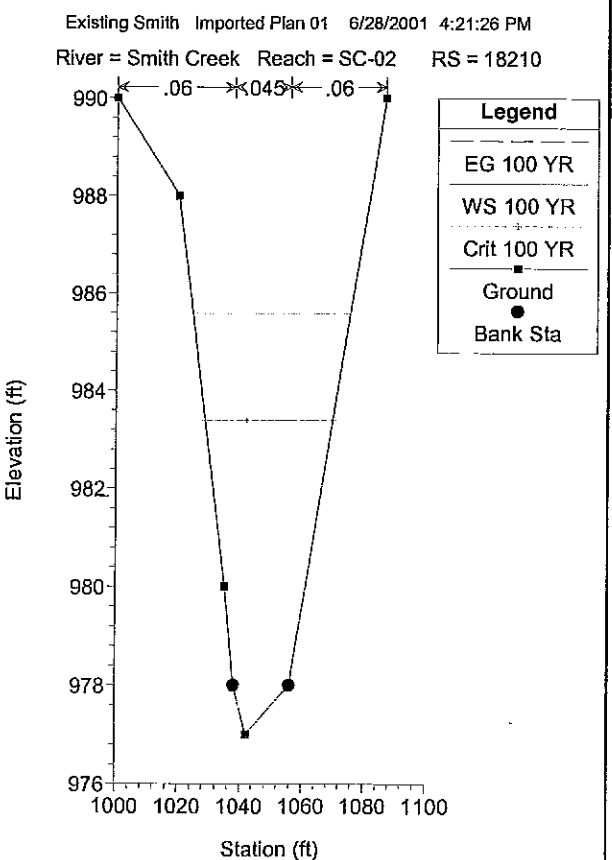
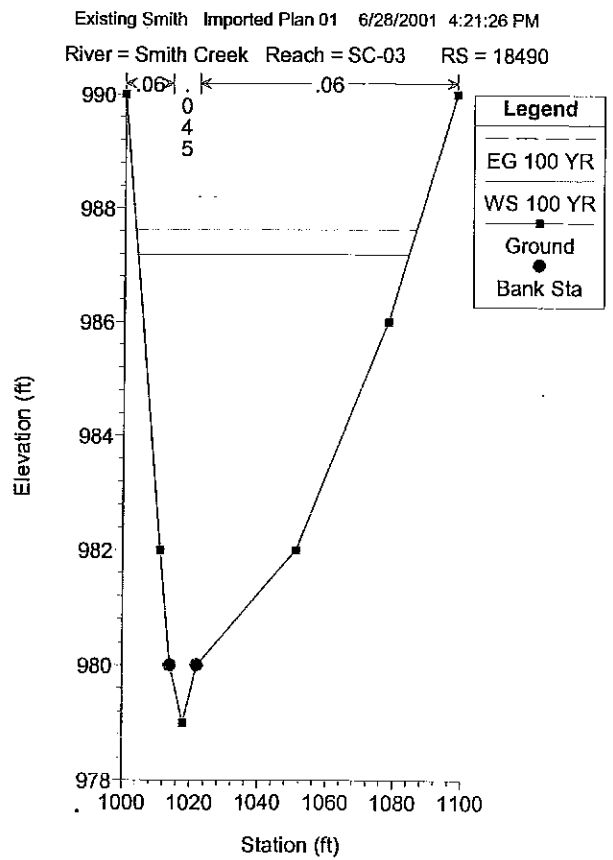
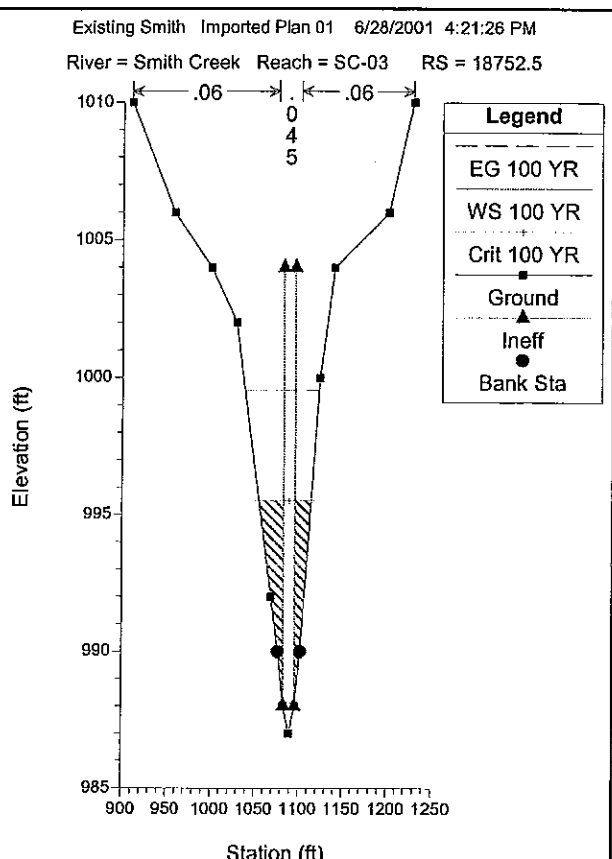
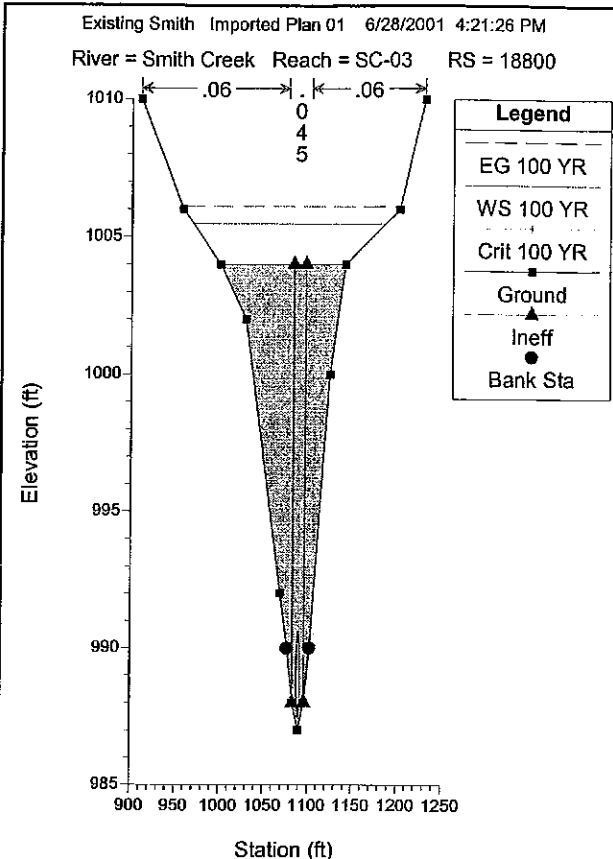
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-03 RS = 19380



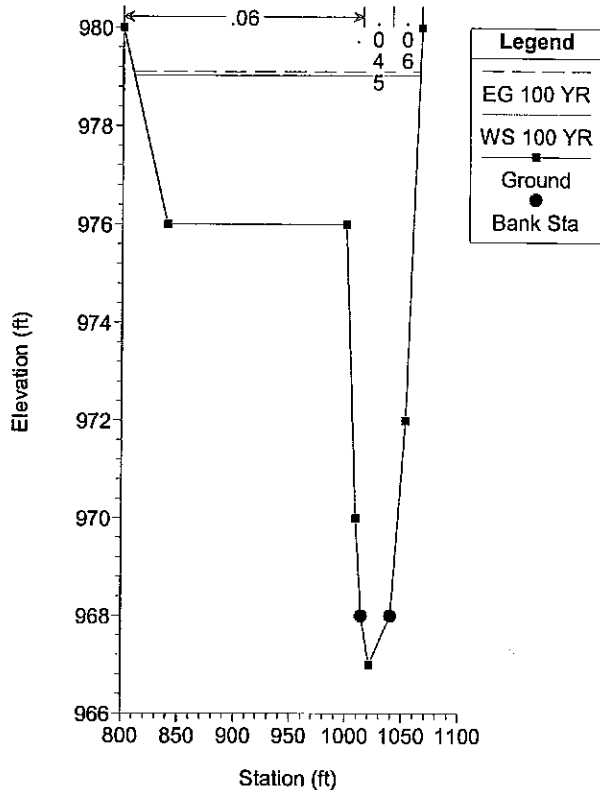
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-03 RS = 19300



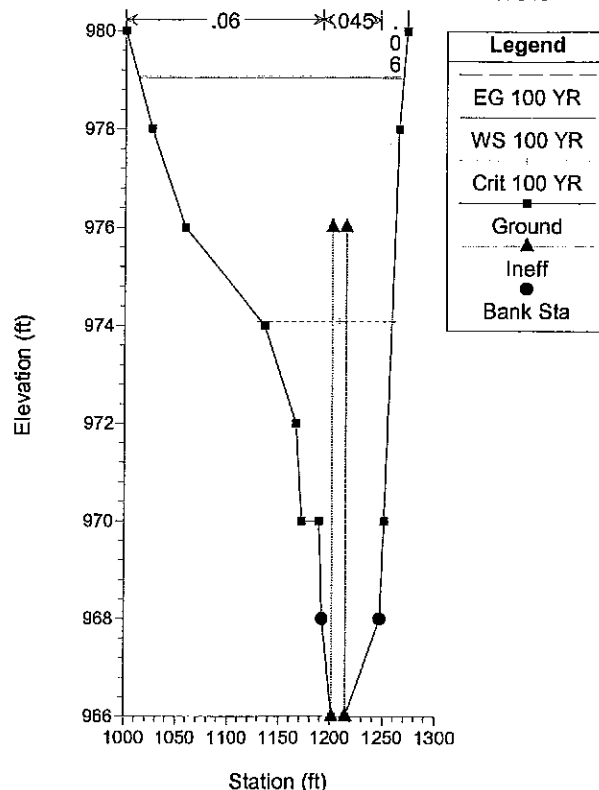




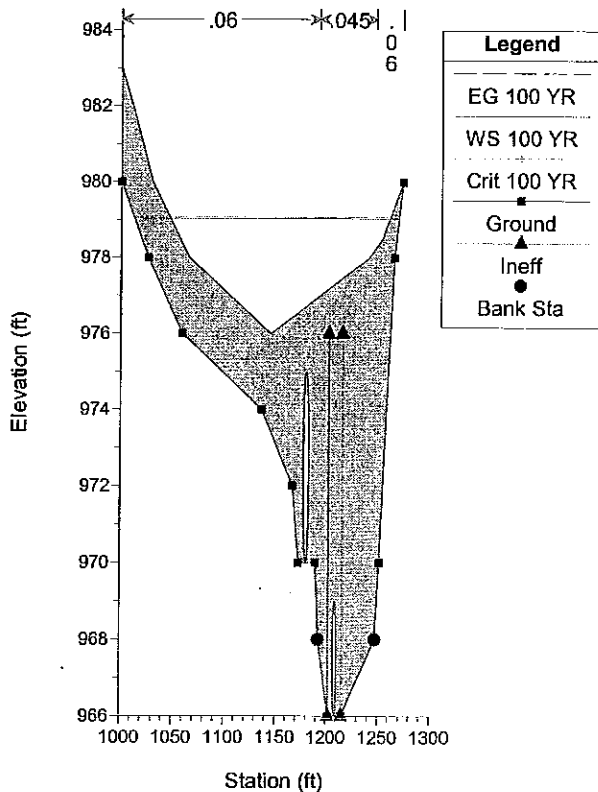
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 17820



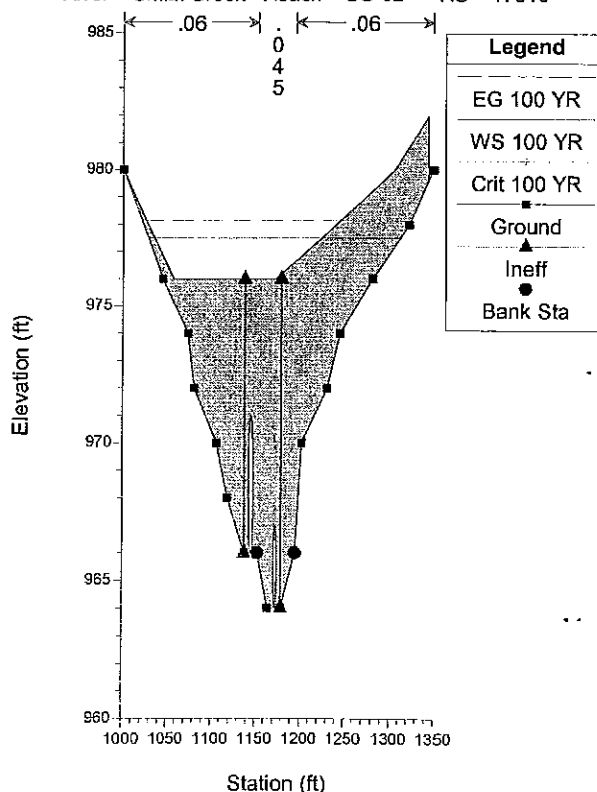
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 17645

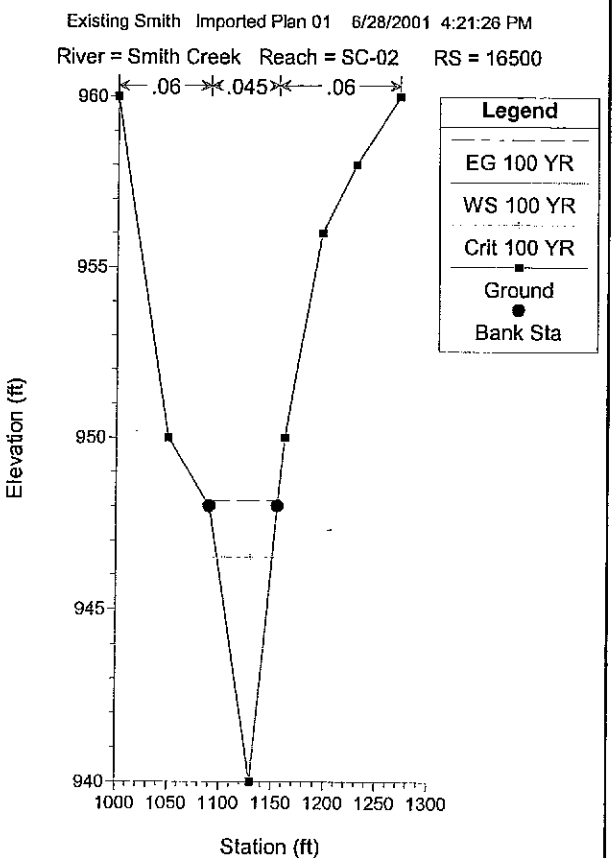
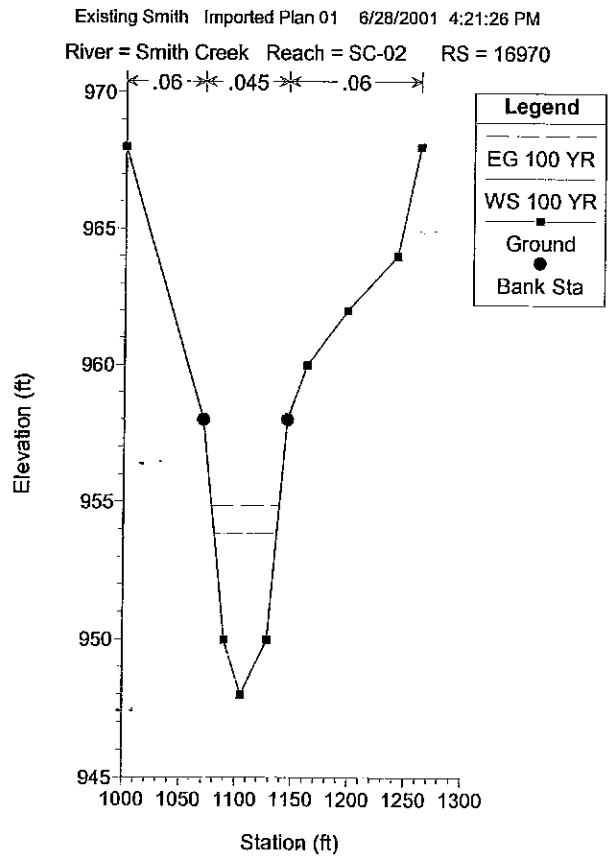
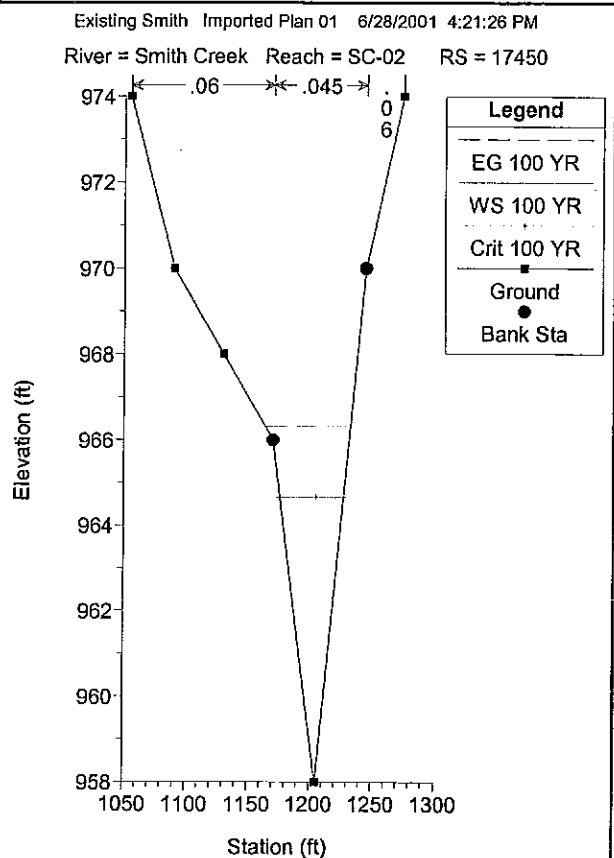
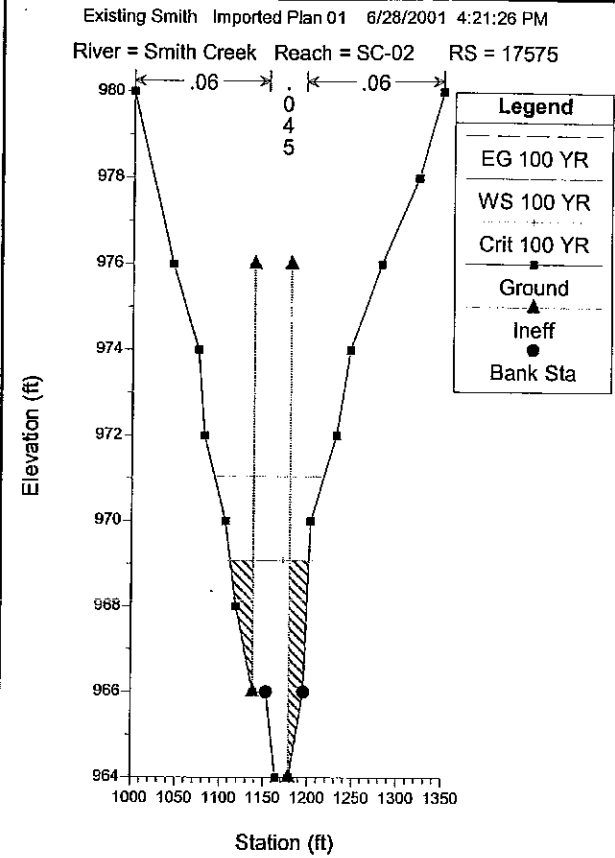


Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 17610



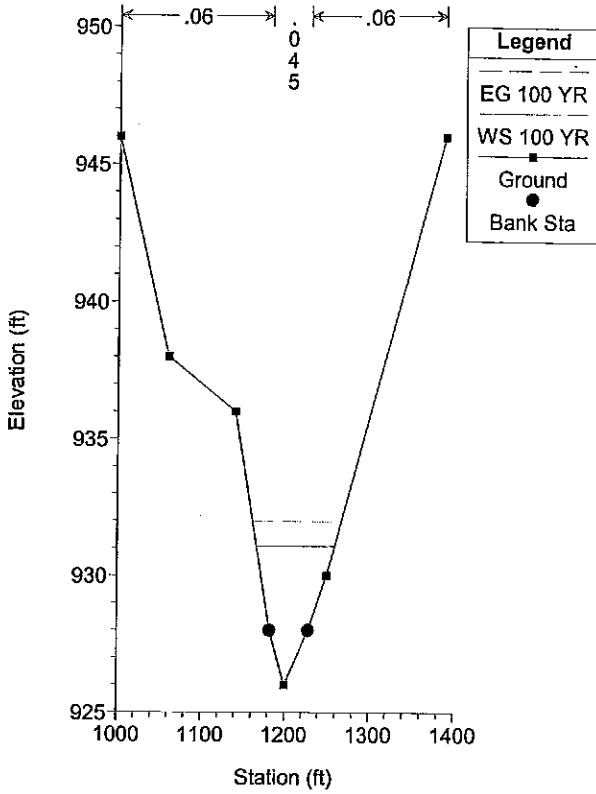
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 17610





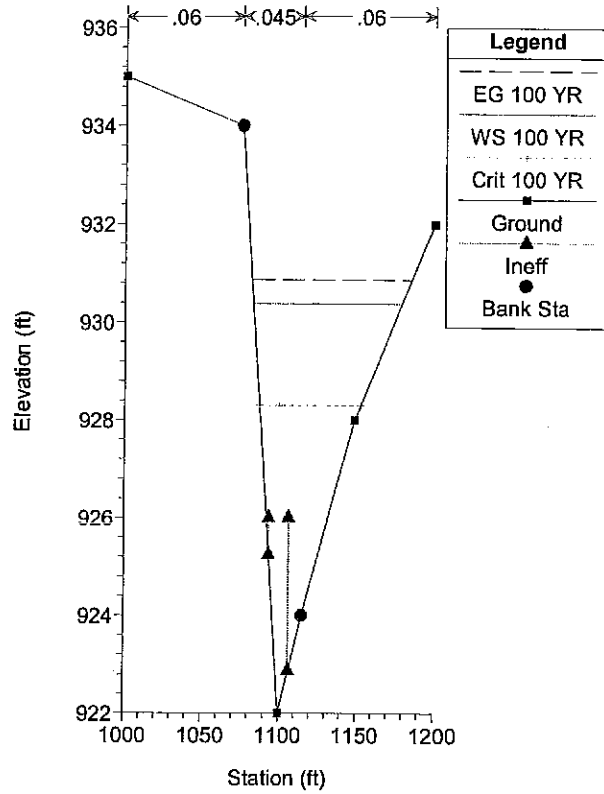
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-02 RS = 15780



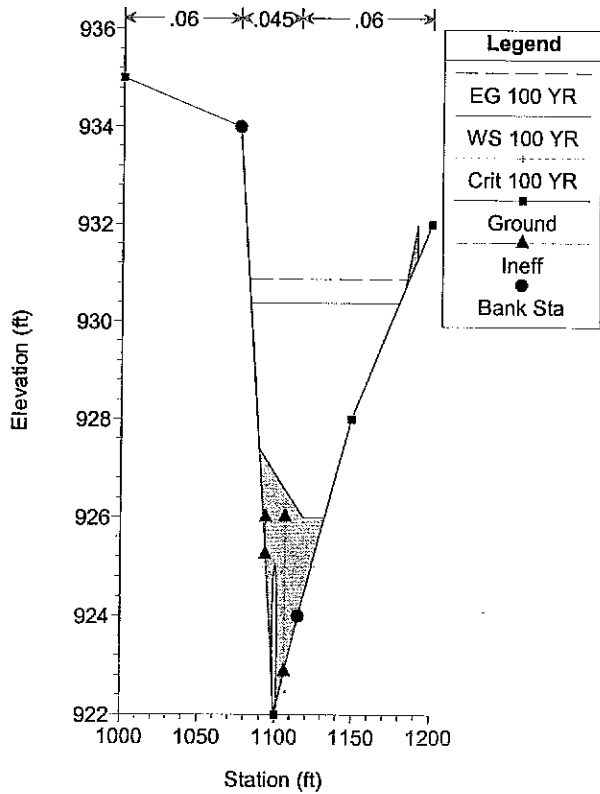
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-02 RS = 15620



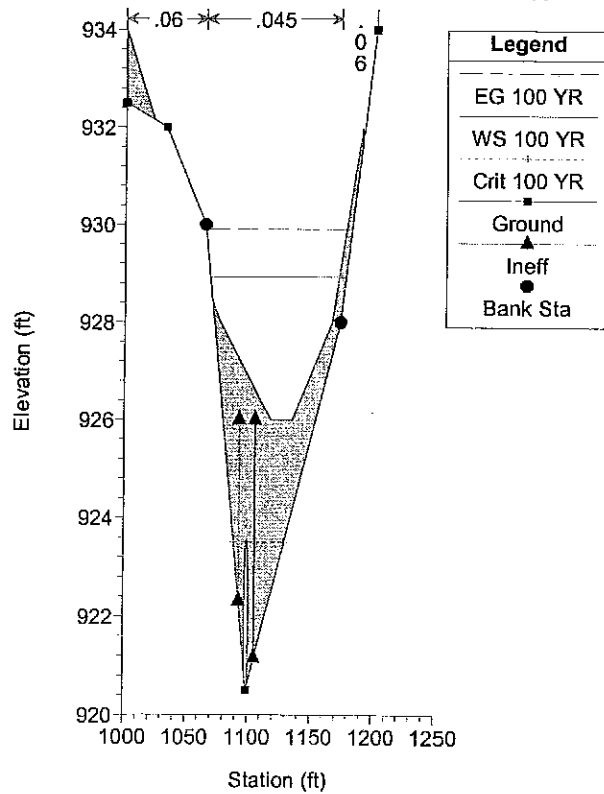
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

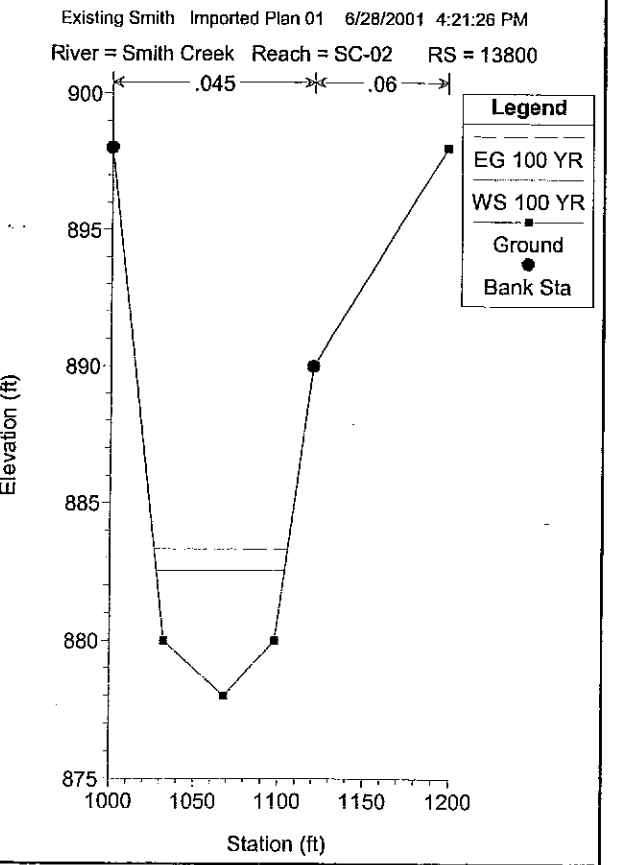
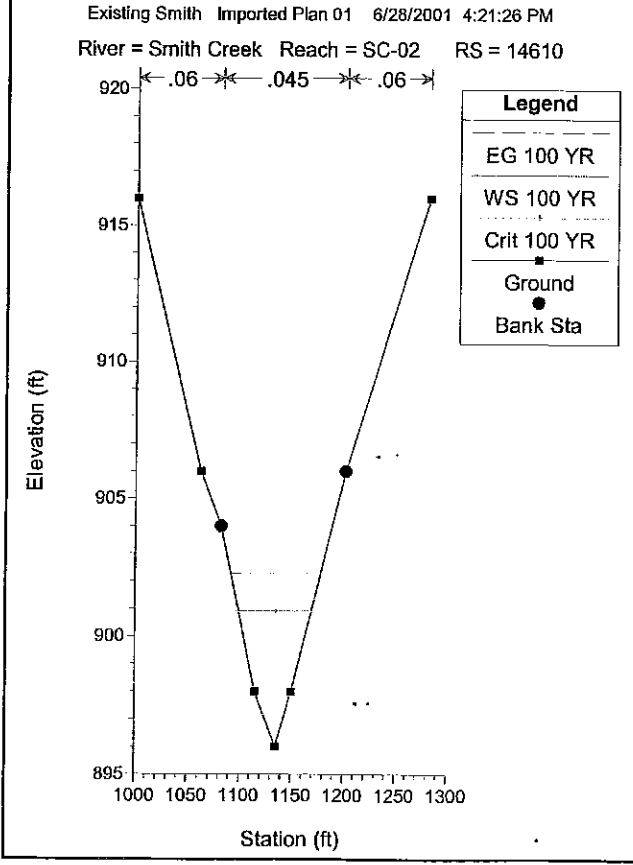
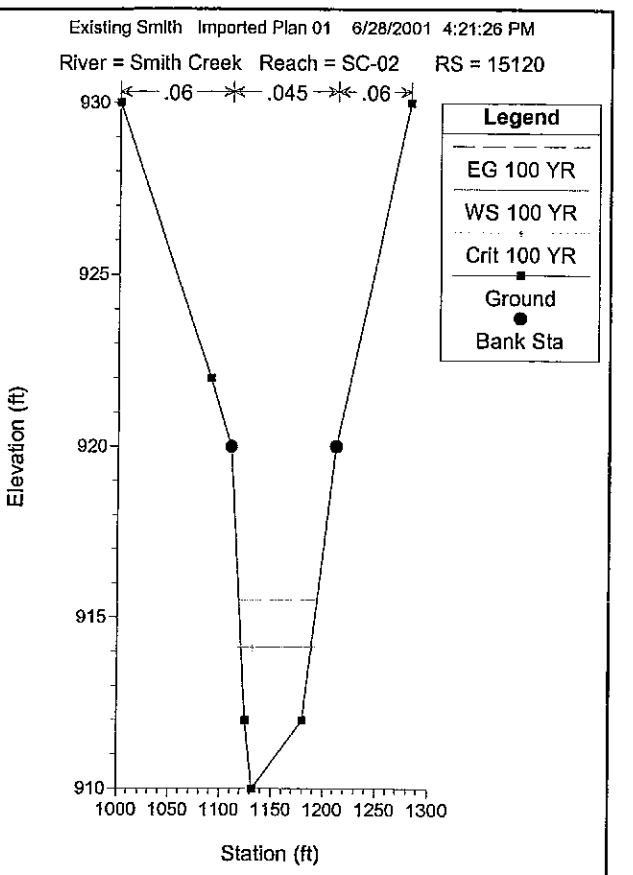
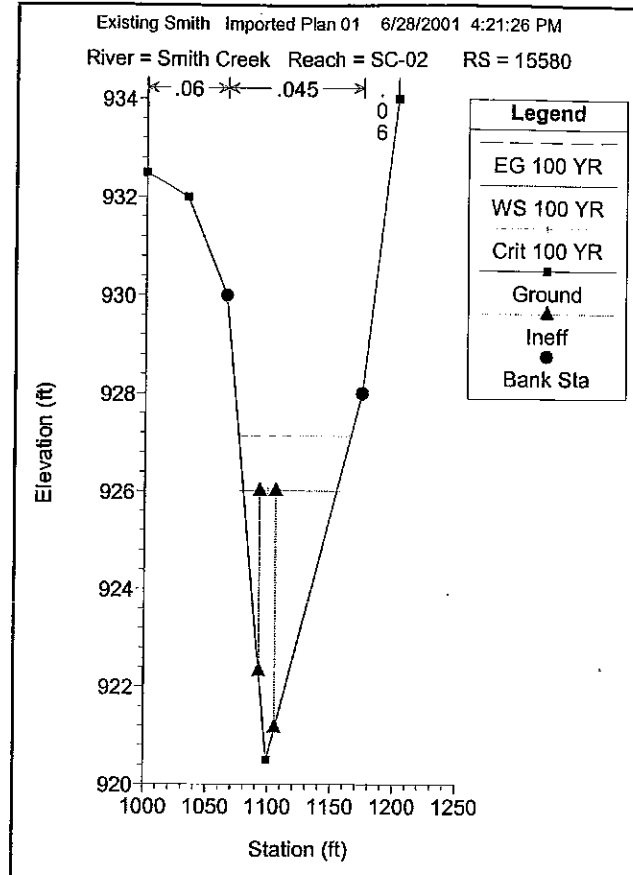
River = Smith Creek Reach = SC-02 RS = 15600



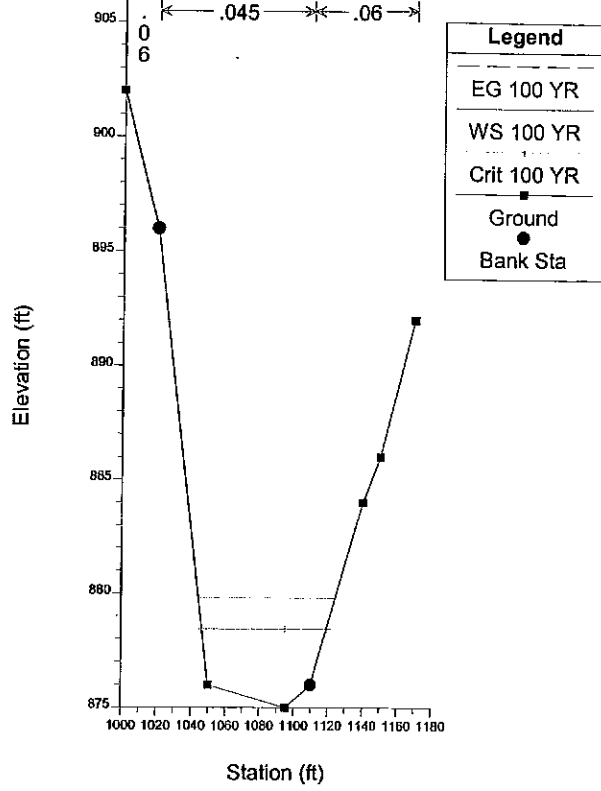
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-02 RS = 15600

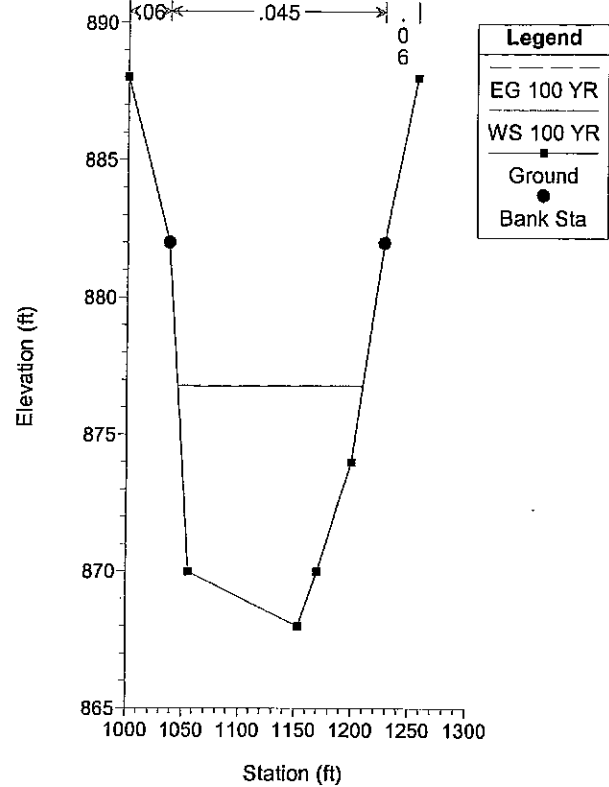




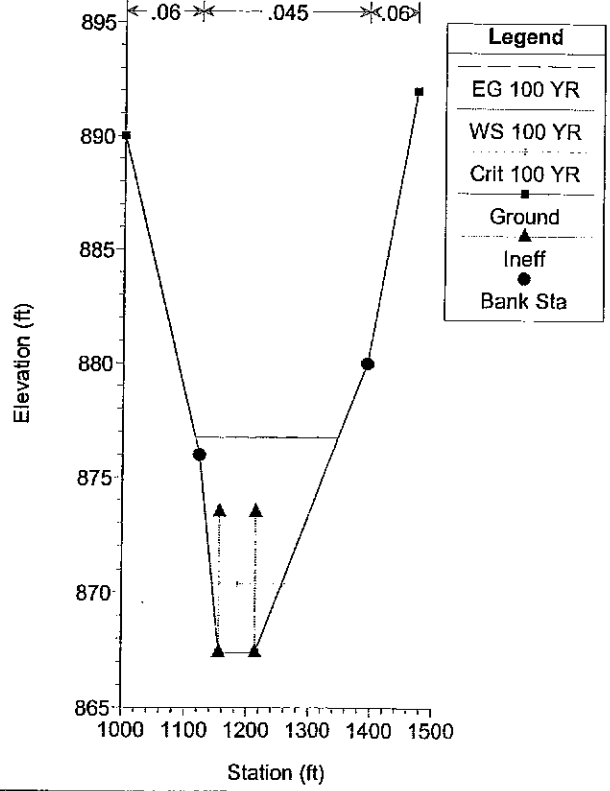
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 13550



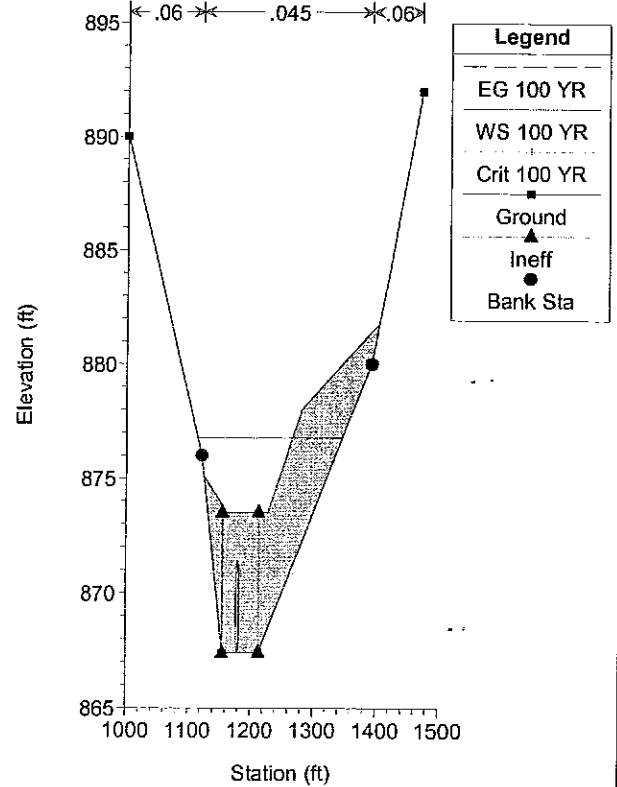
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 13120



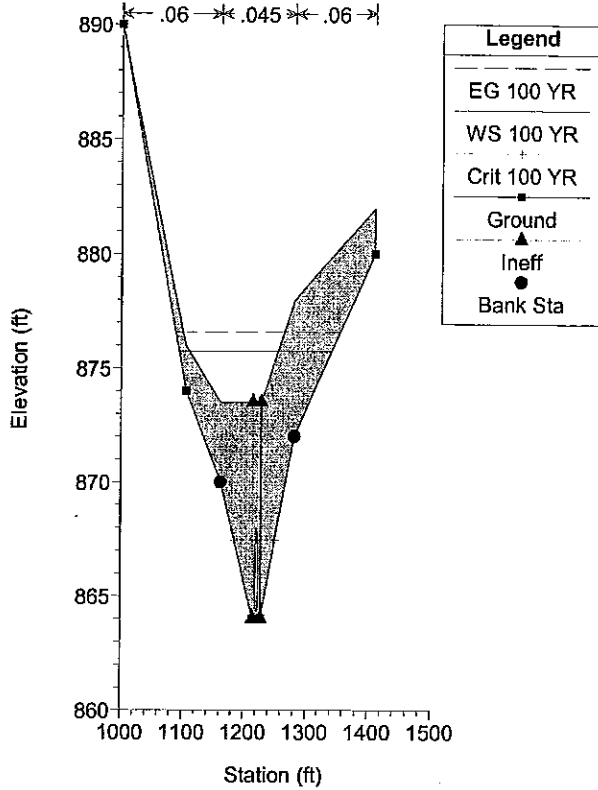
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 12950



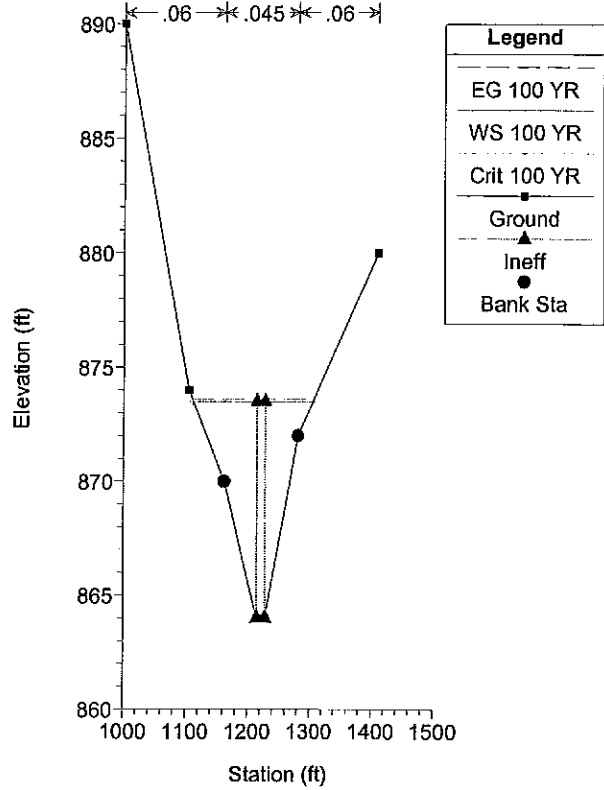
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 12920



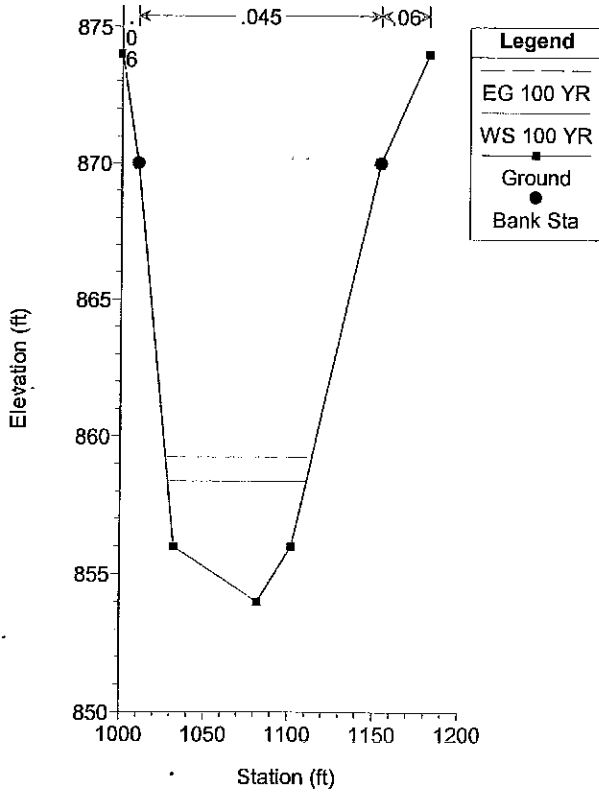
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 12920



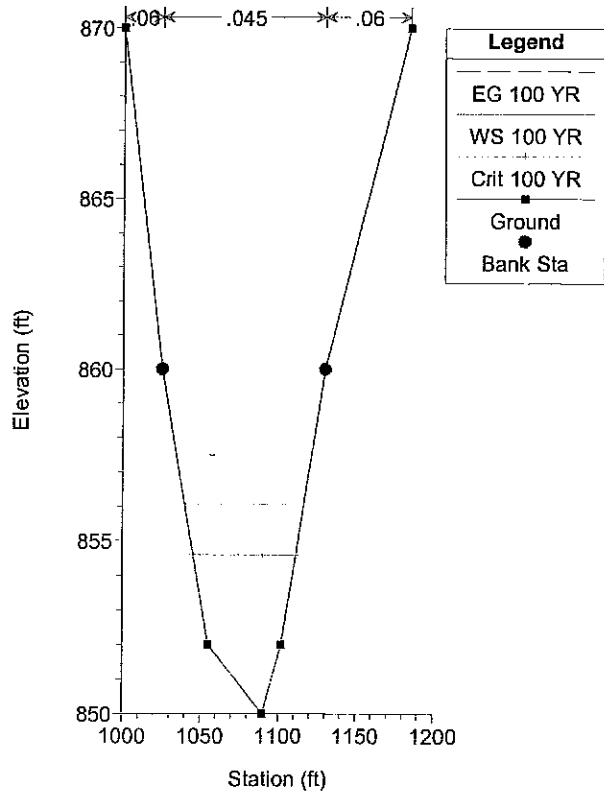
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 12870

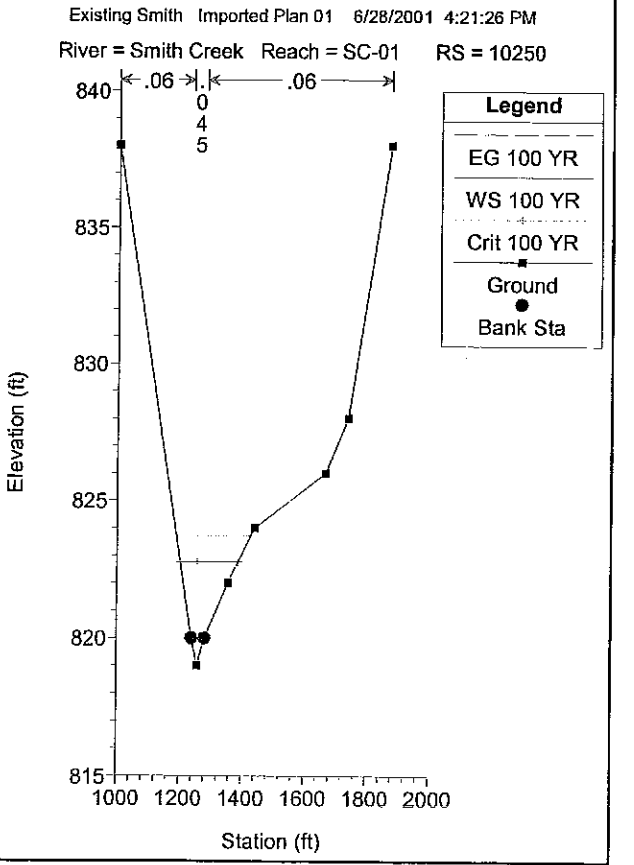
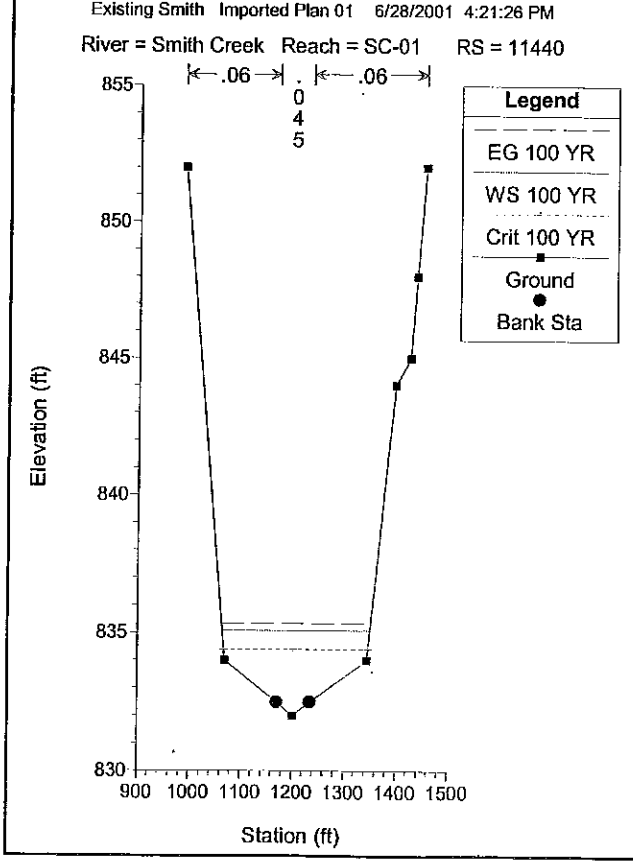
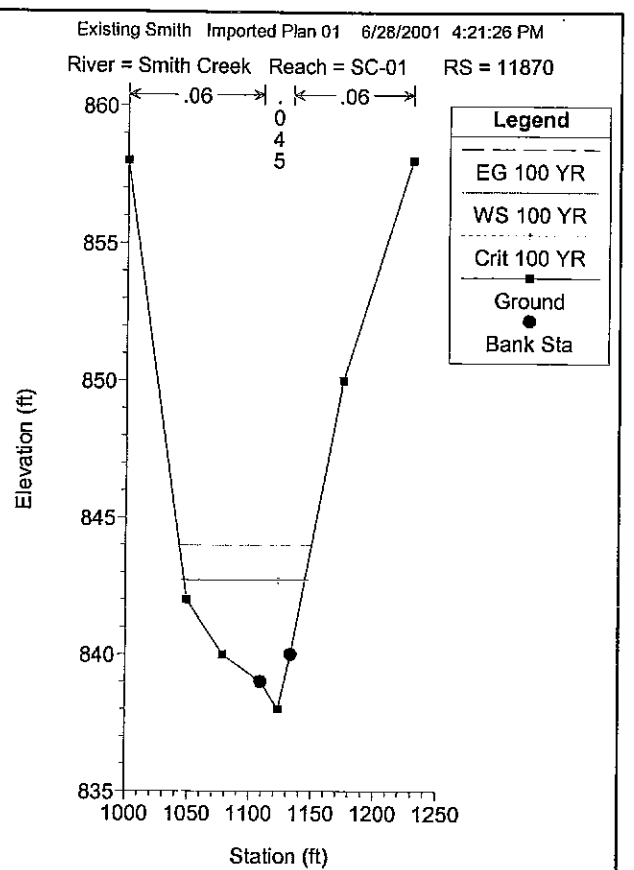
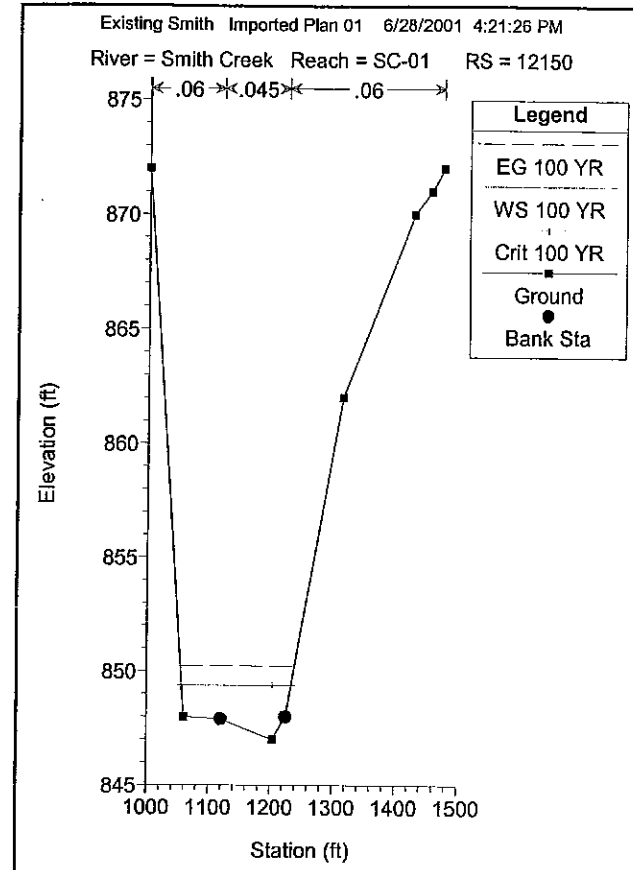


Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 12590

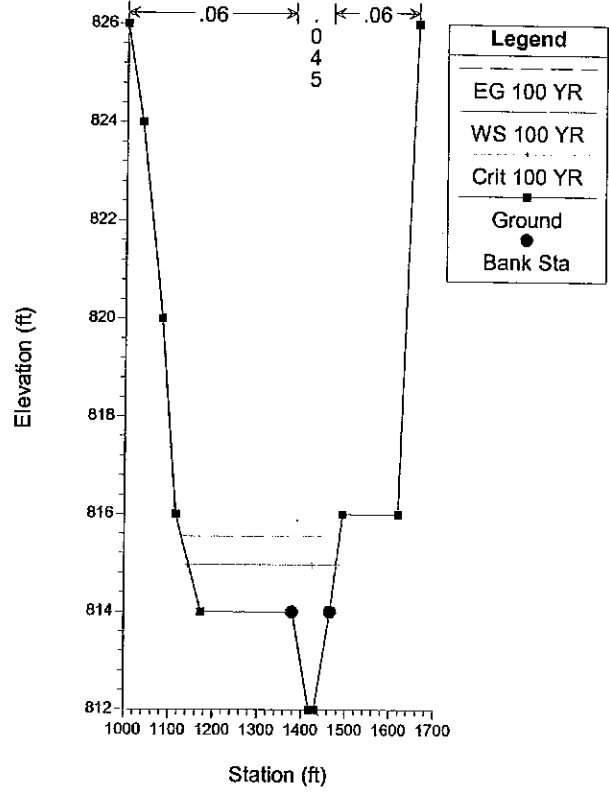


Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-02 RS = 12390

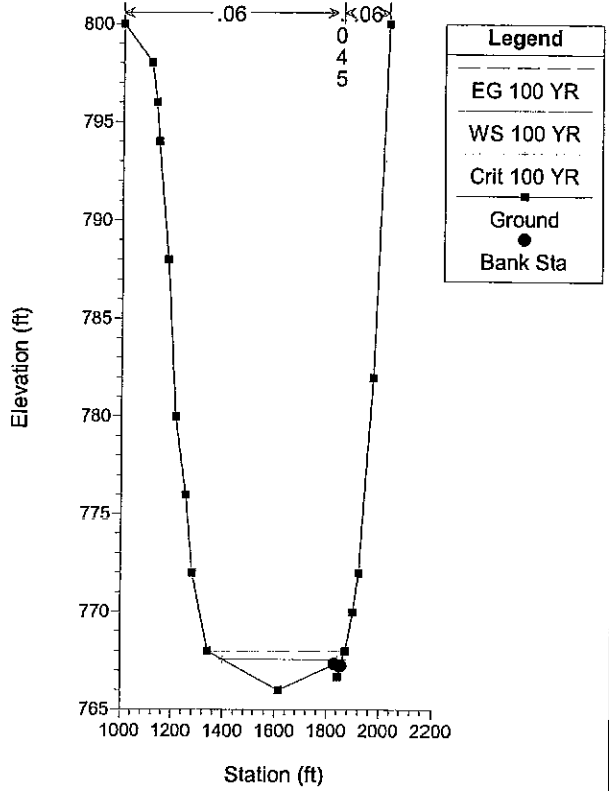




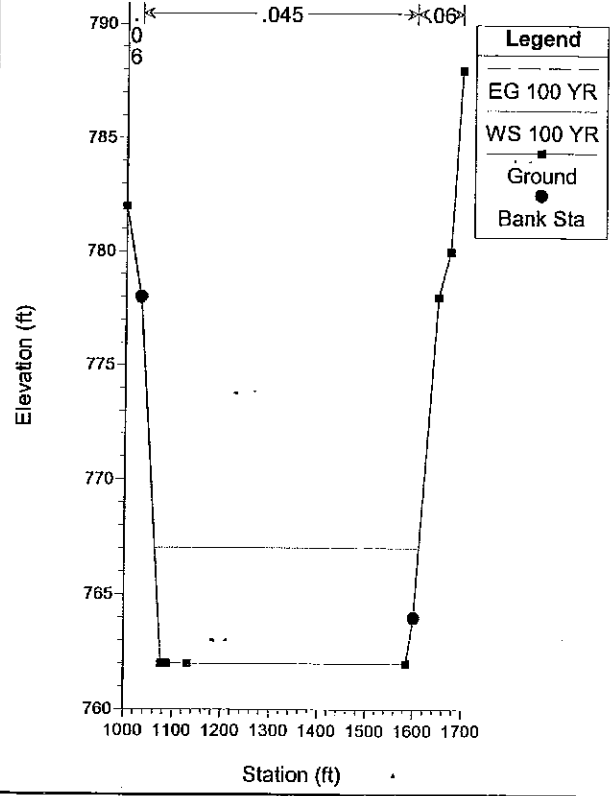
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 10000



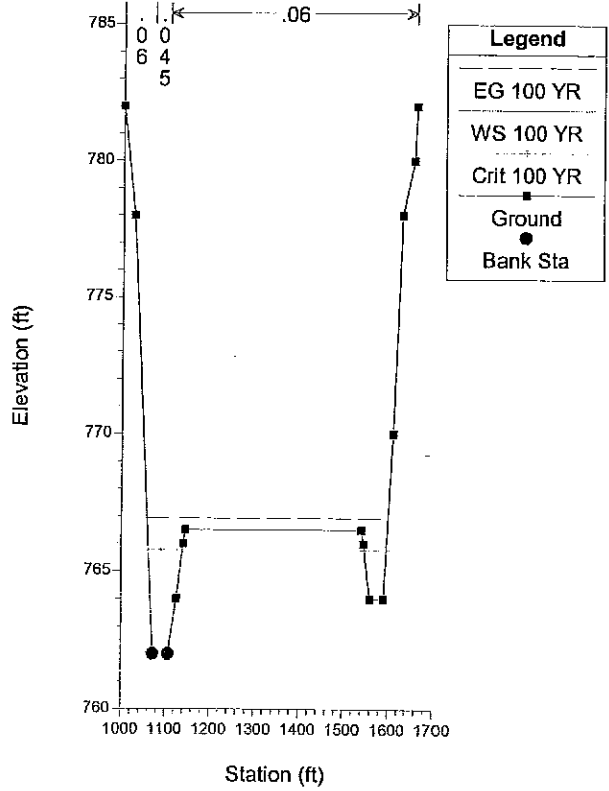
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 8000



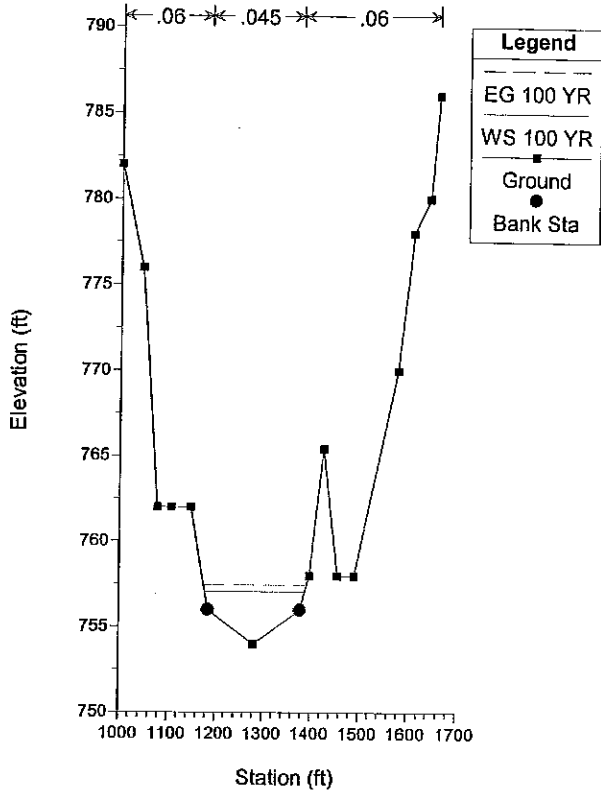
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 7378



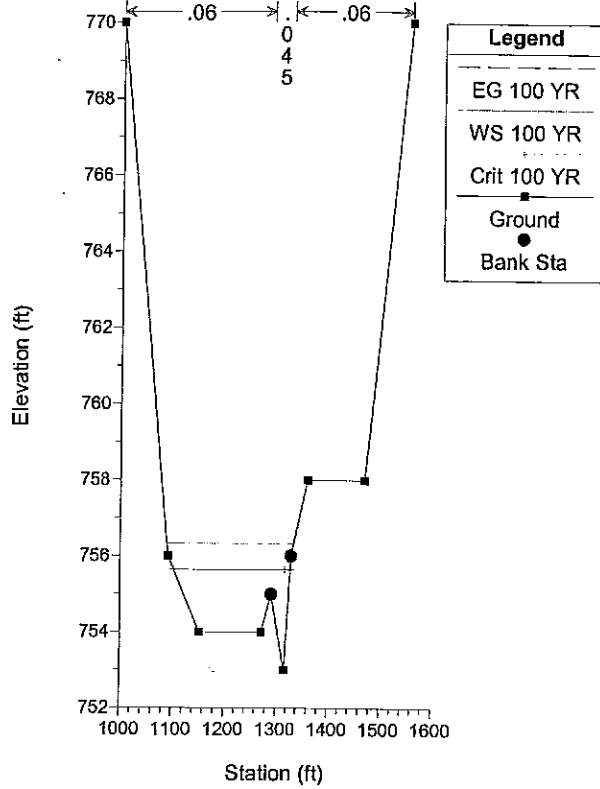
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 7310



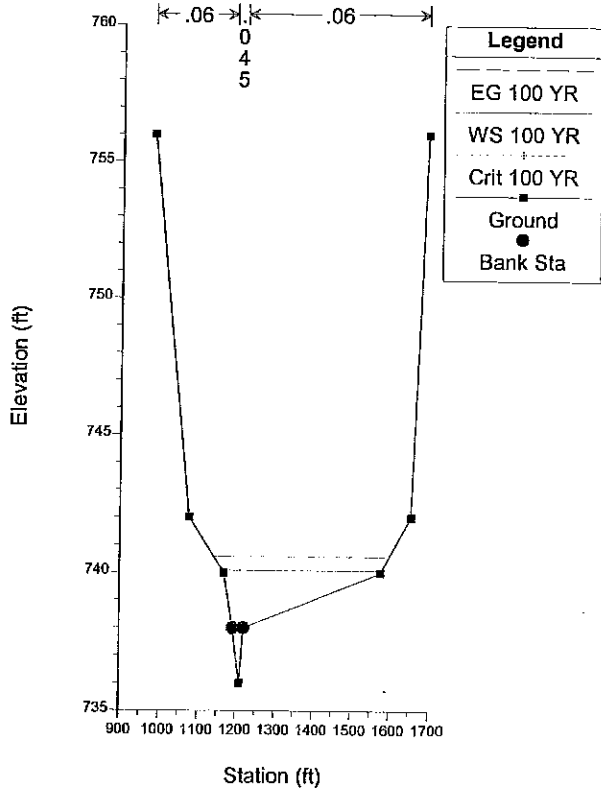
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 7242



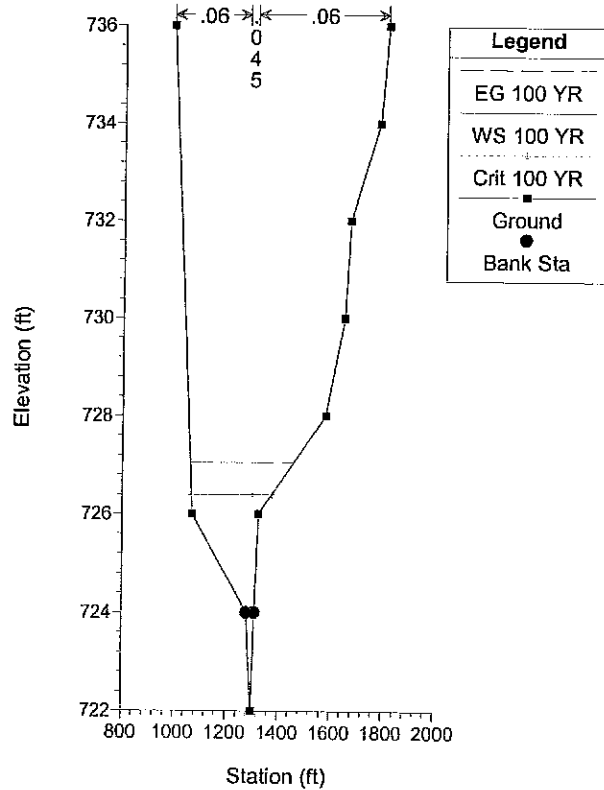
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 7175



Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 6600

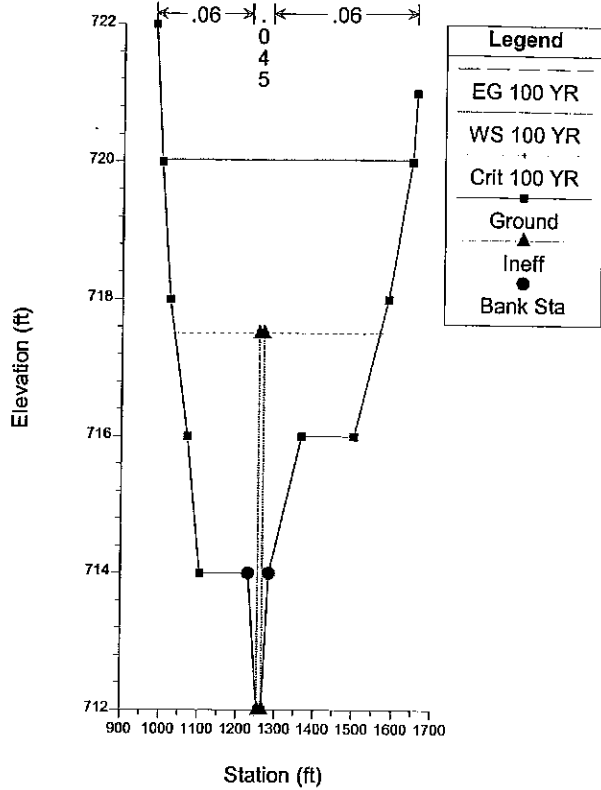


Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 6000



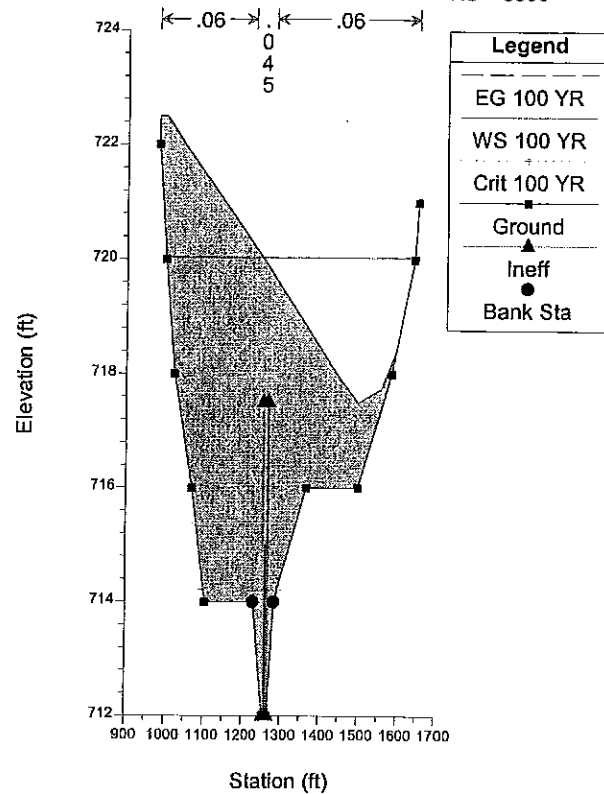
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-01 RS = 5601



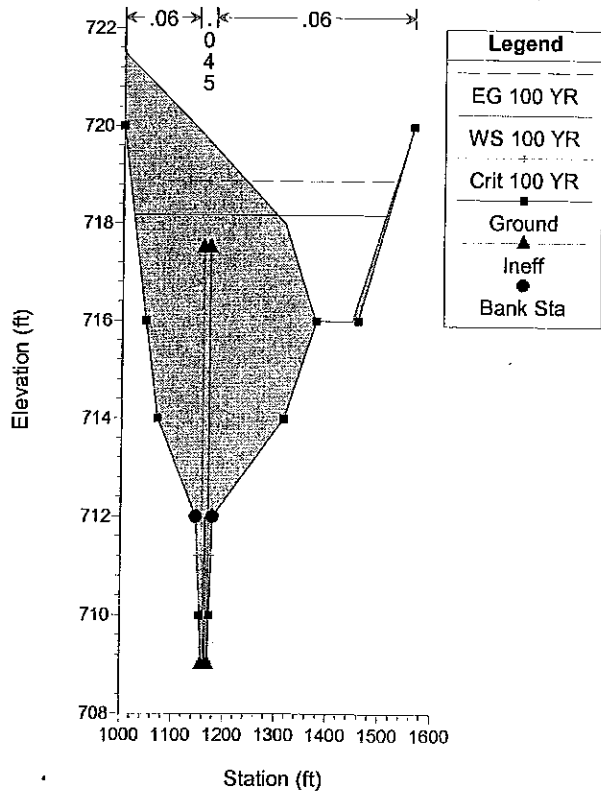
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-01 RS = 5560



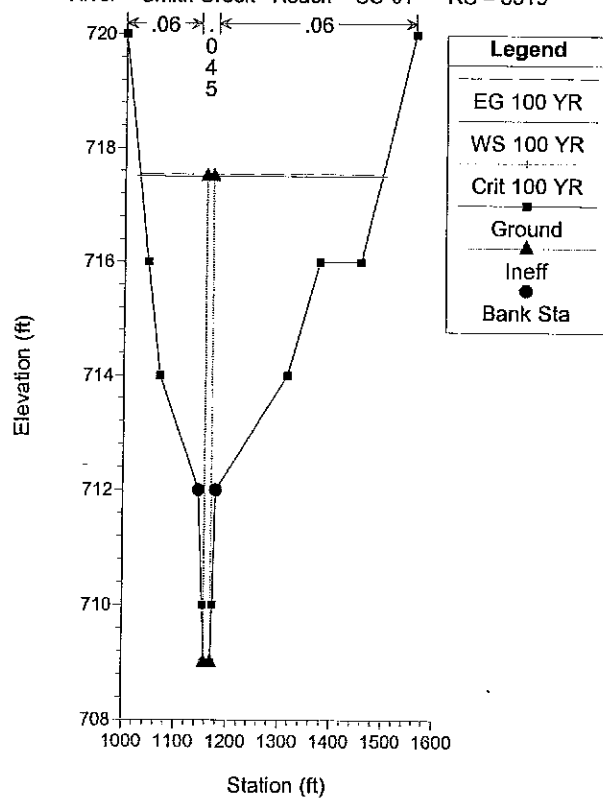
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

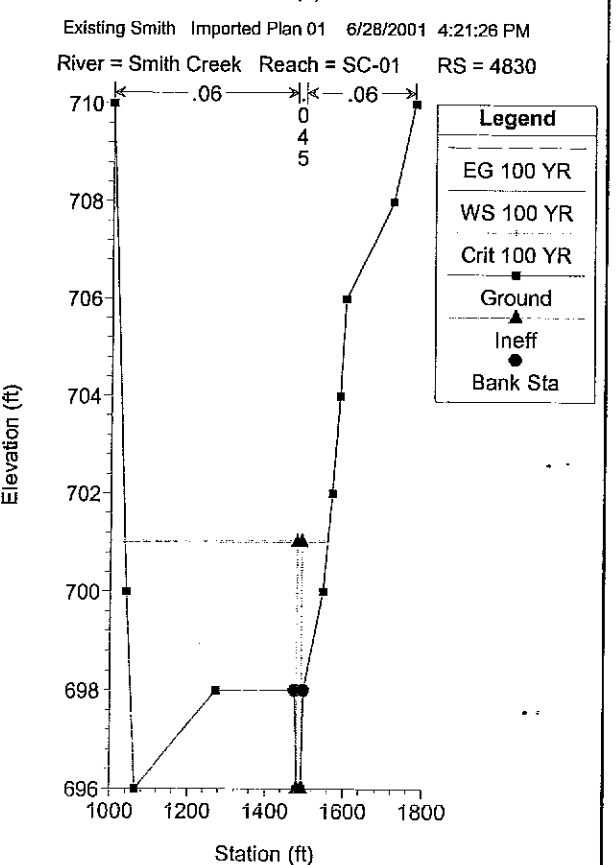
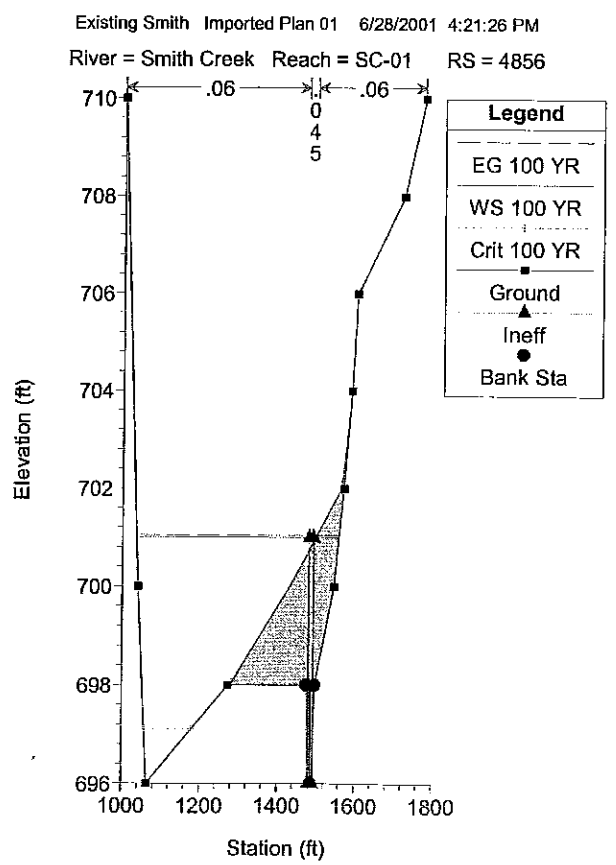
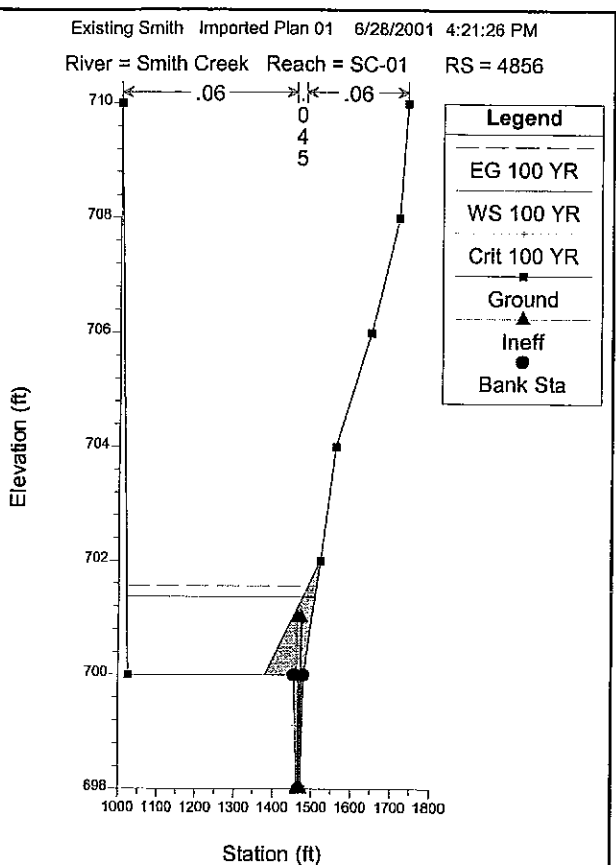
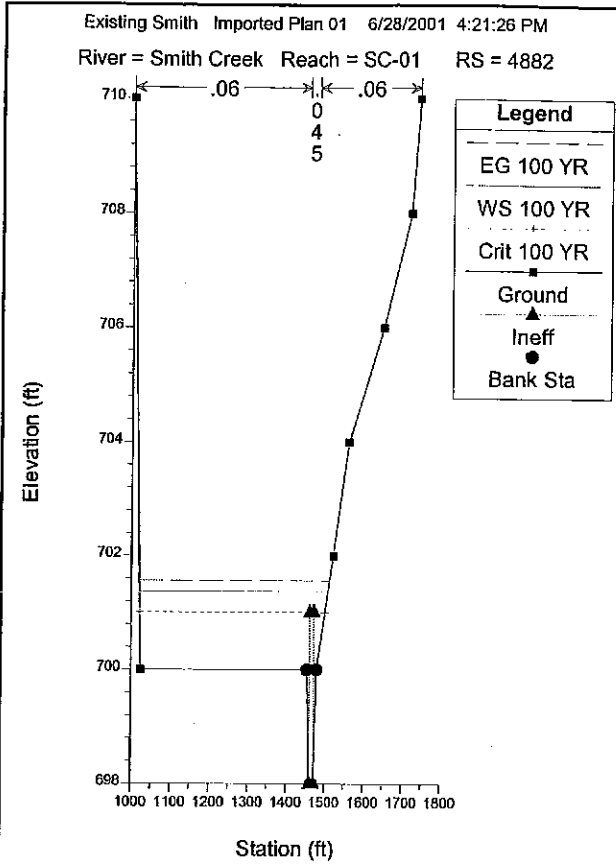
River = Smith Creek Reach = SC-01 RS = 5560



Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

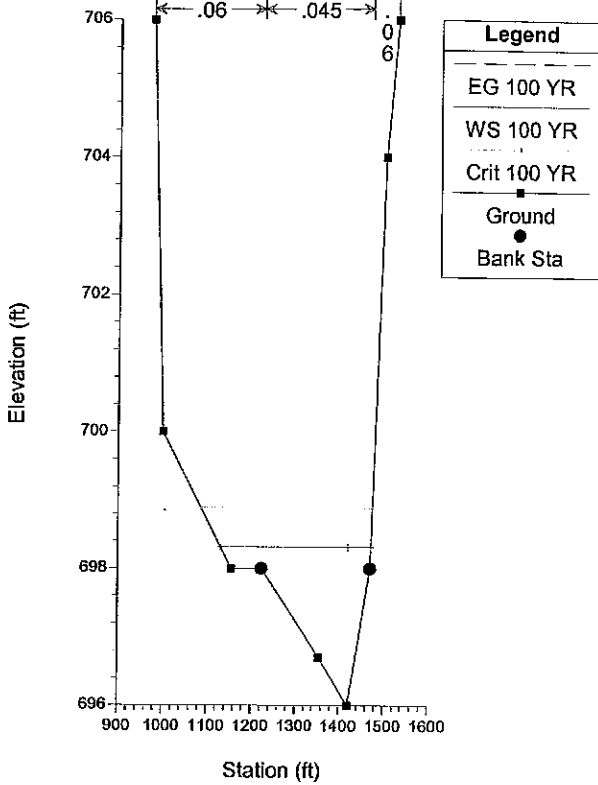
River = Smith Creek Reach = SC-01 RS = 5519





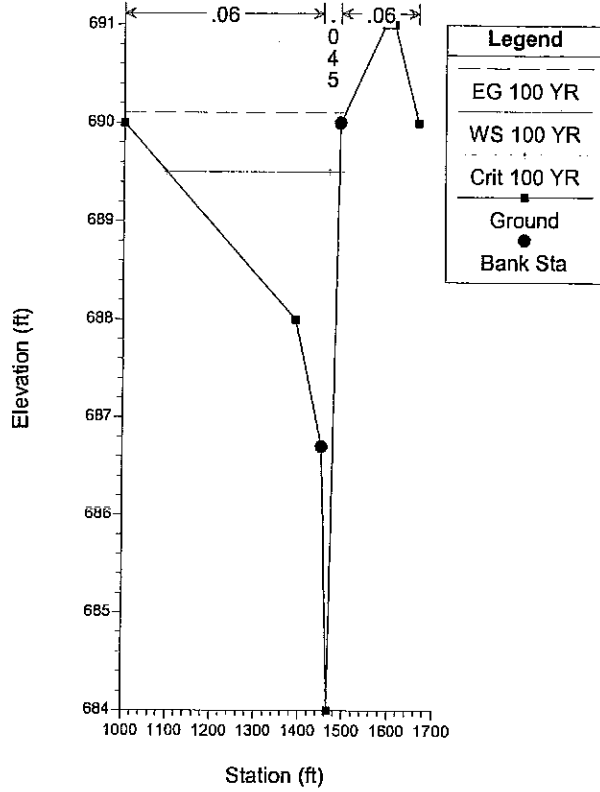
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-01 RS = 4770



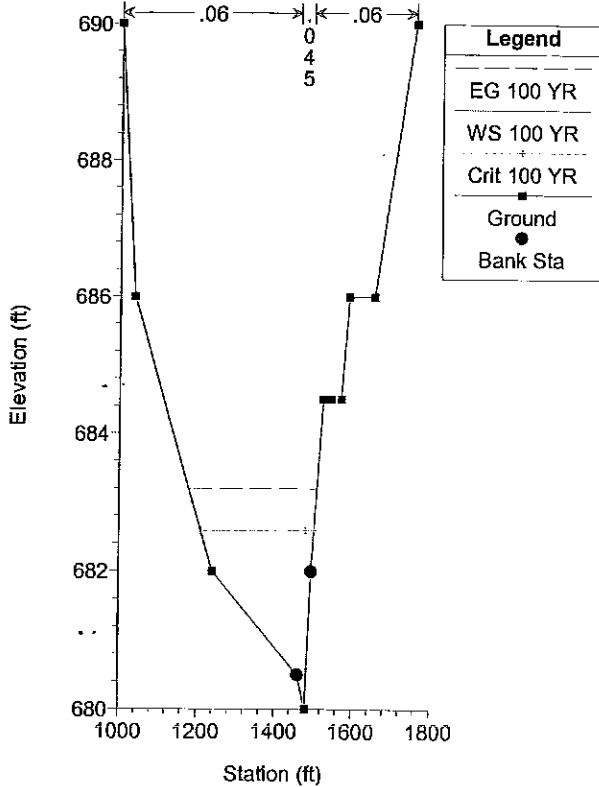
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-01 RS = 4340



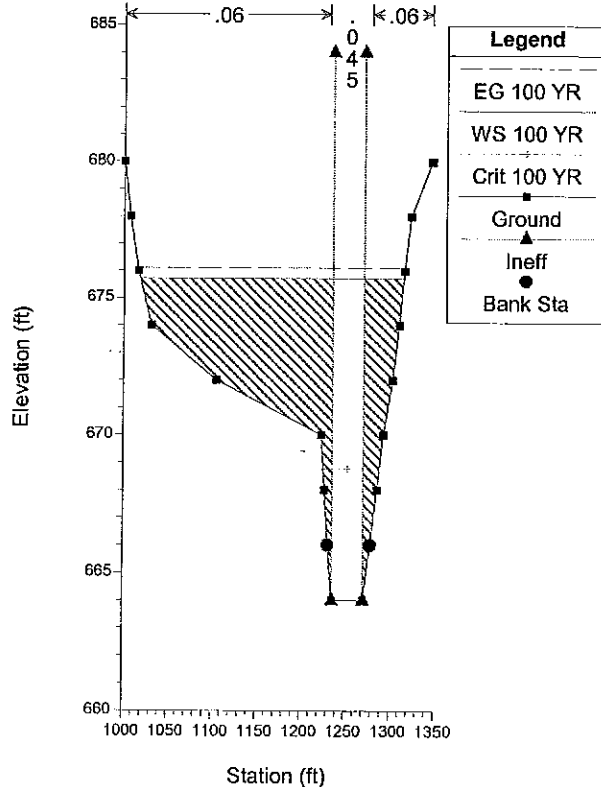
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-01 RS = 3990



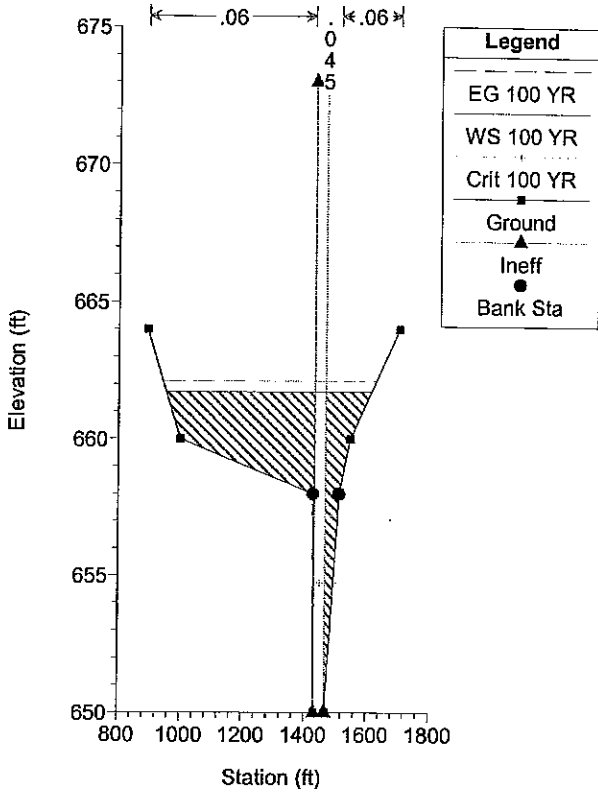
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-01 RS = 3390.5



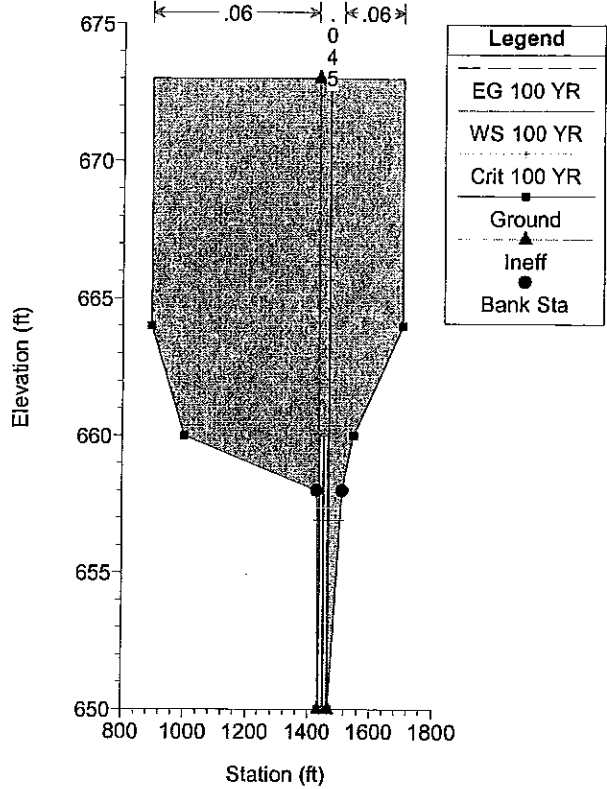
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-01 RS = 2837.5



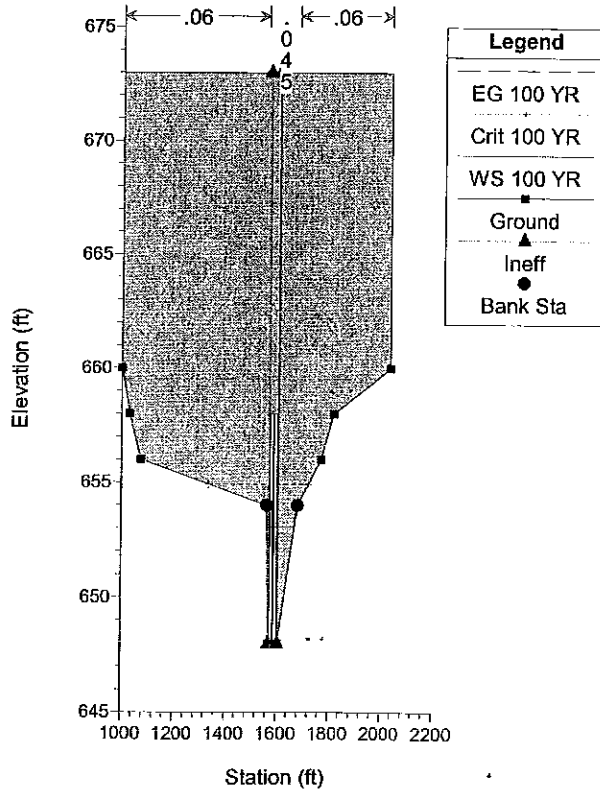
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-01 RS = 2780



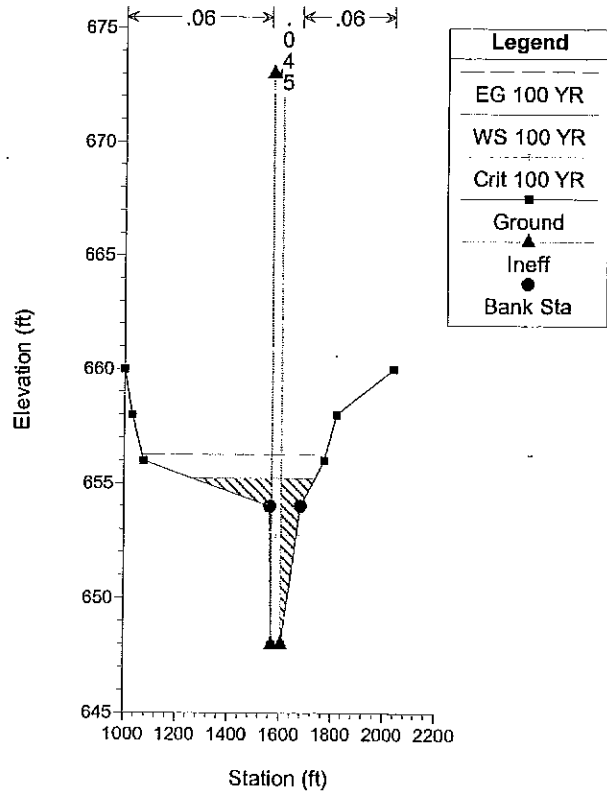
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Smith Creek Reach = SC-01 RS = 2780

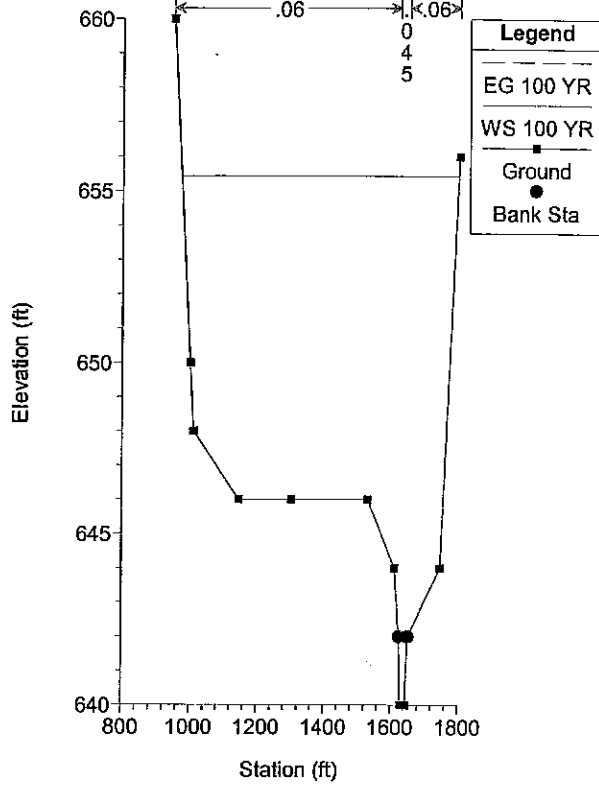


Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

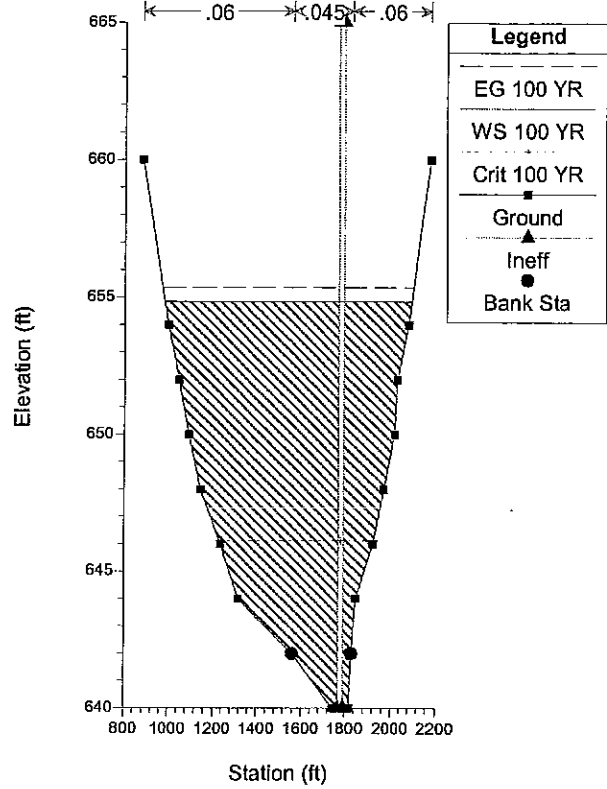
River = Smith Creek Reach = SC-01 RS = 2717.5



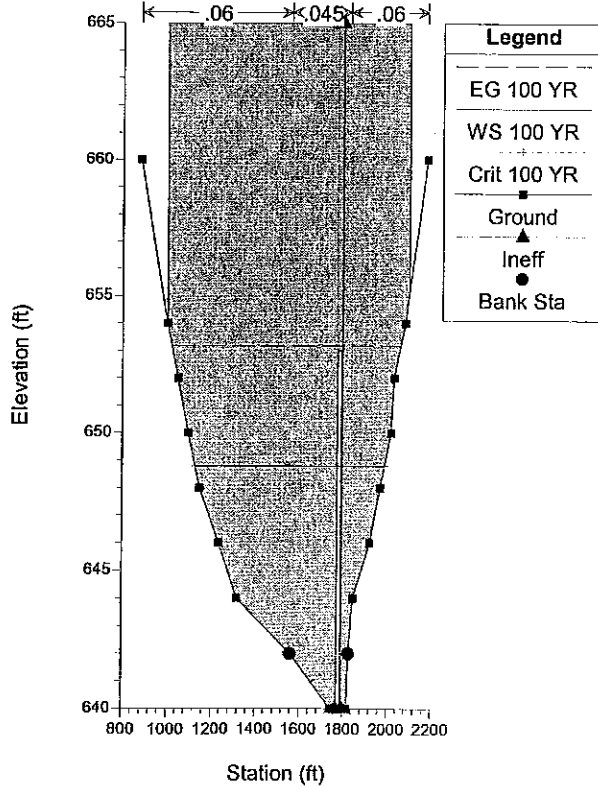
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 2580



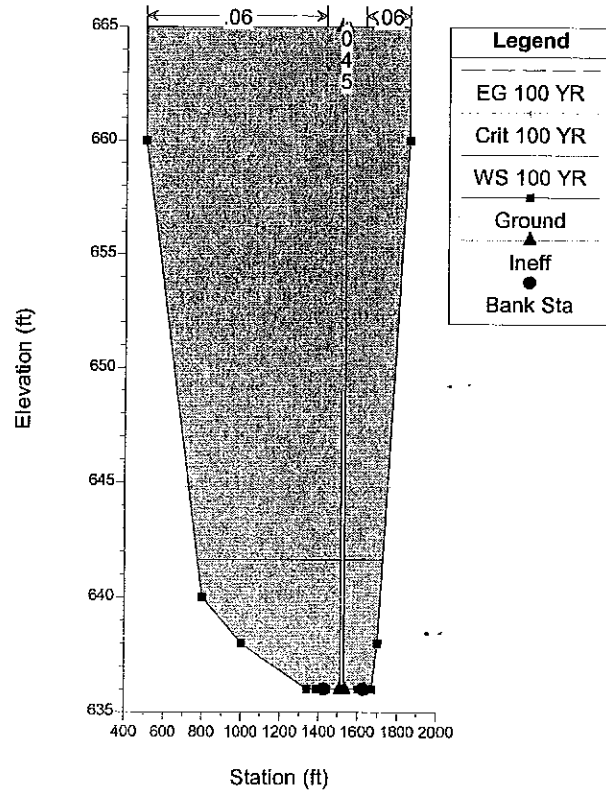
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 2305



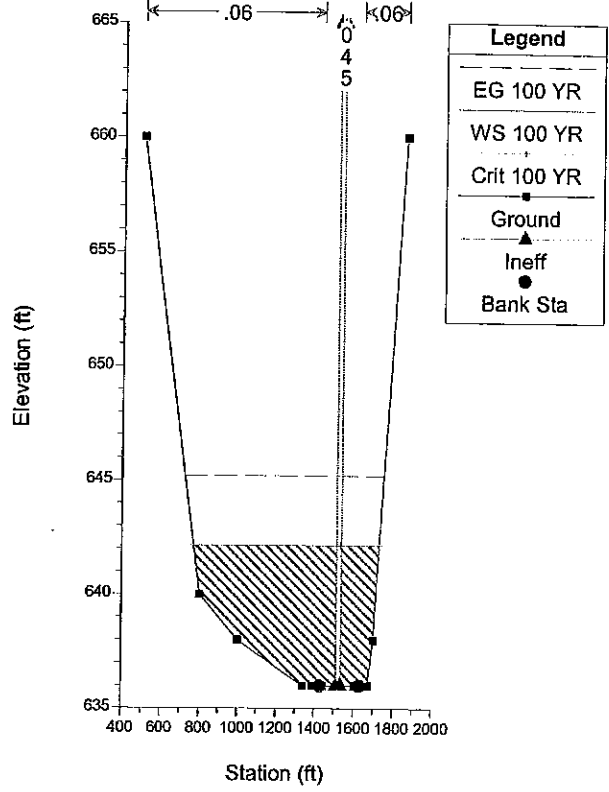
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 2250



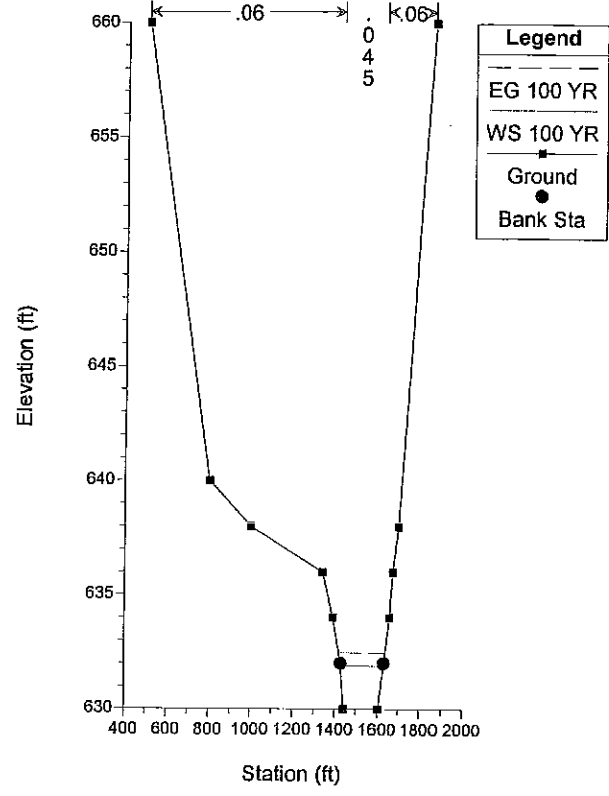
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 2250



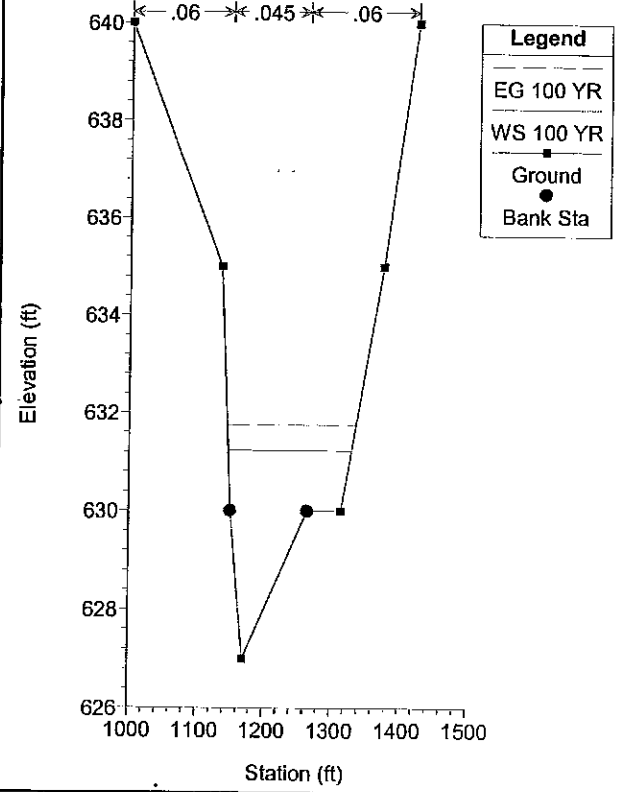
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 2195



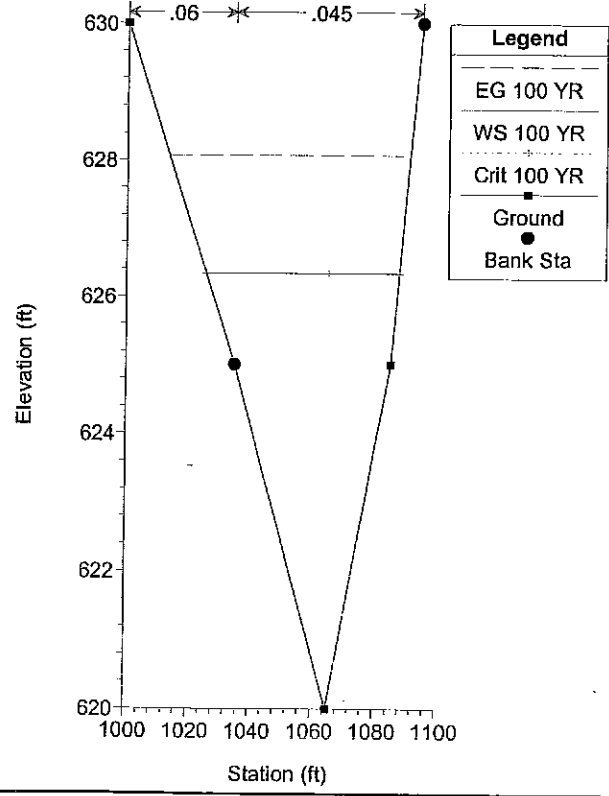
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 2190



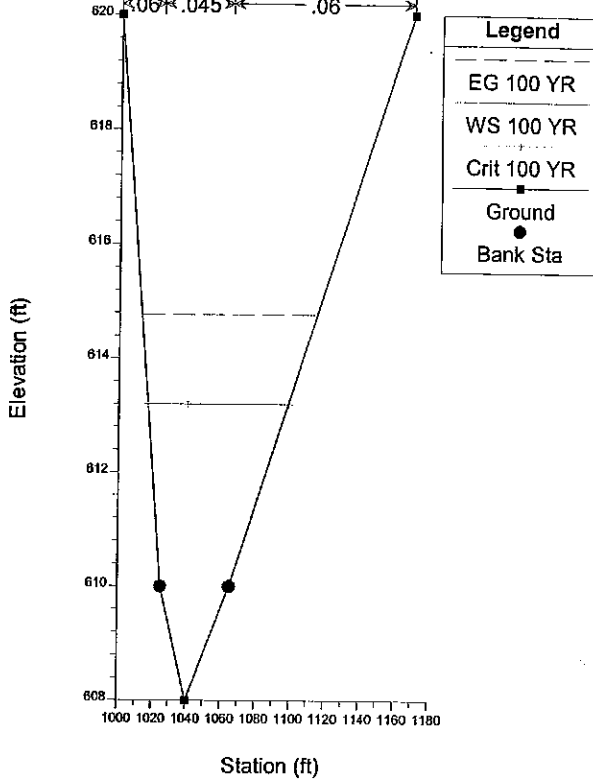
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 2130



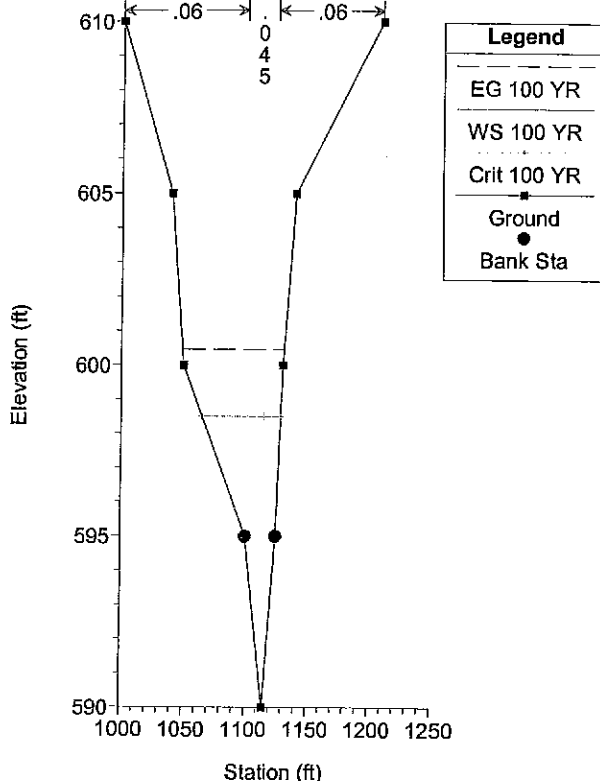
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 1840



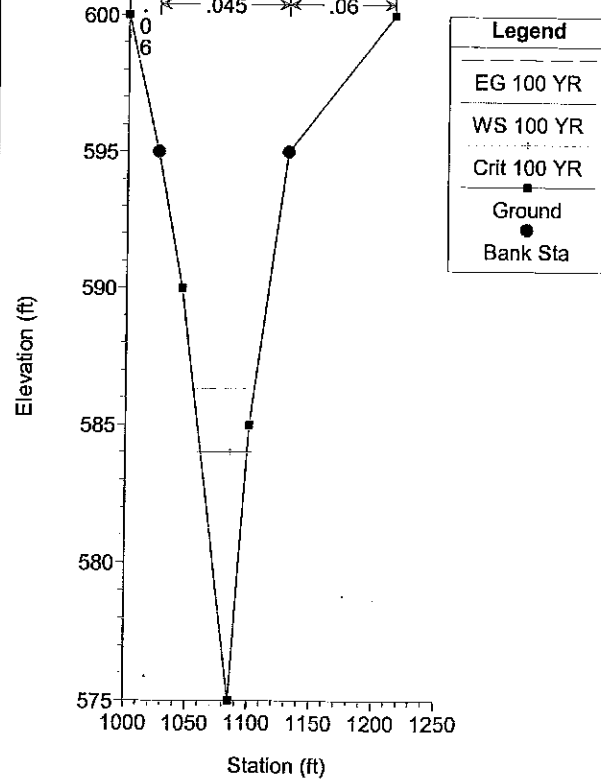
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 1420



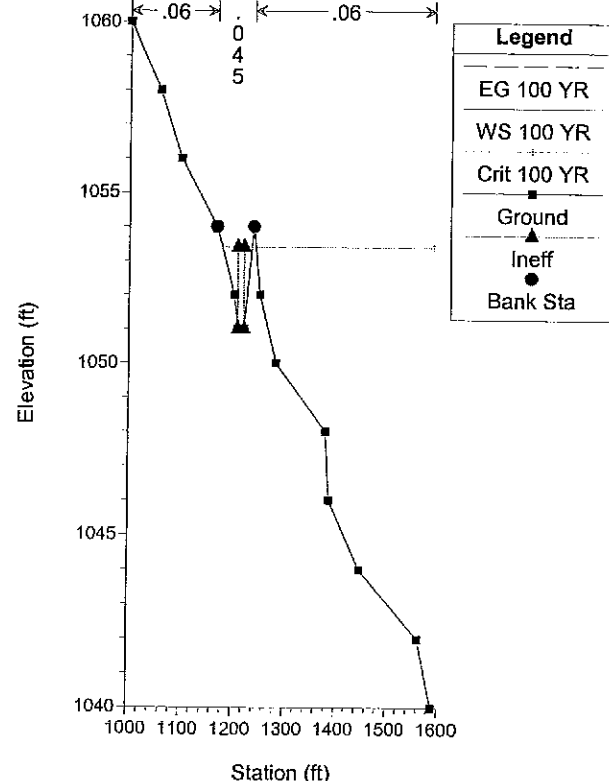
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 820



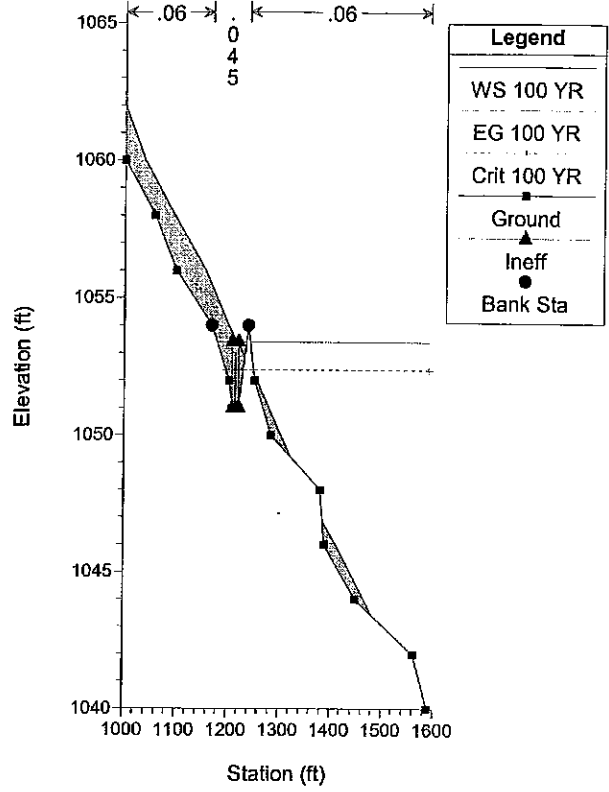
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Smith Creek Reach = SC-01 RS = 85



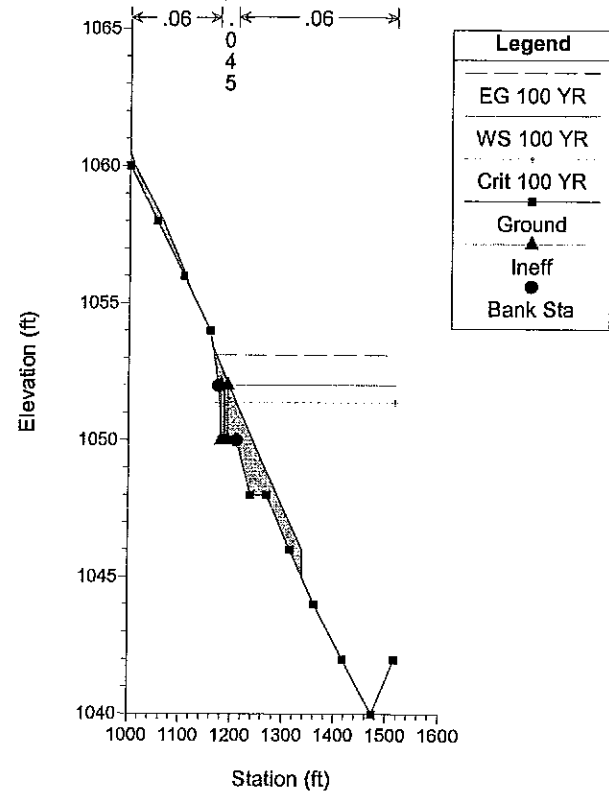
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 3677.50



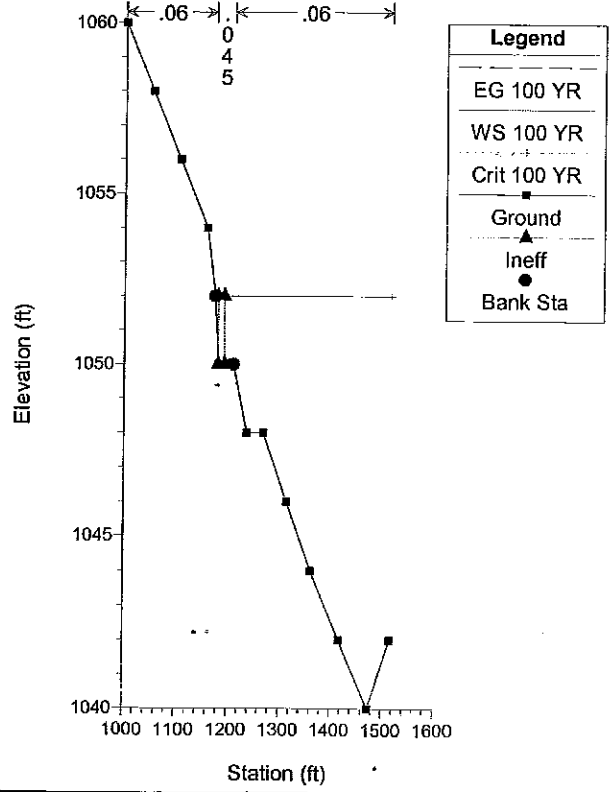
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 3650



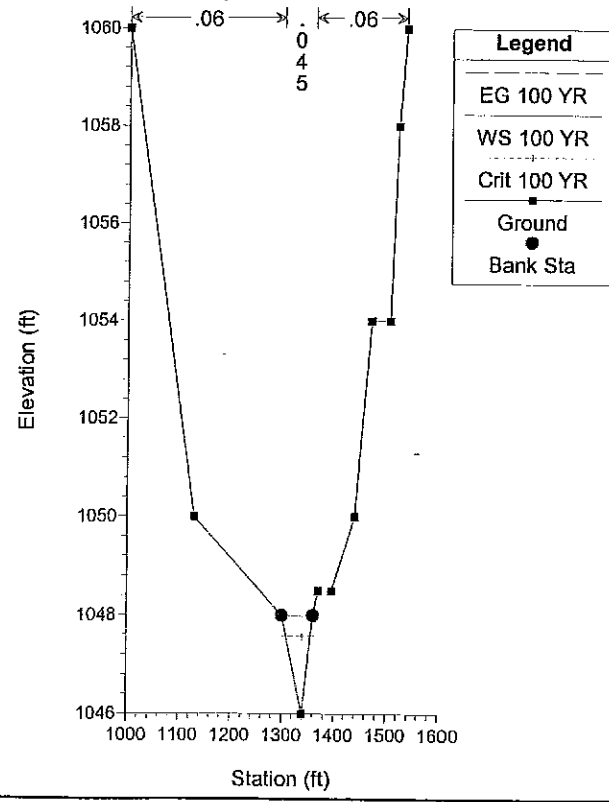
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 3650



Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 3622.50

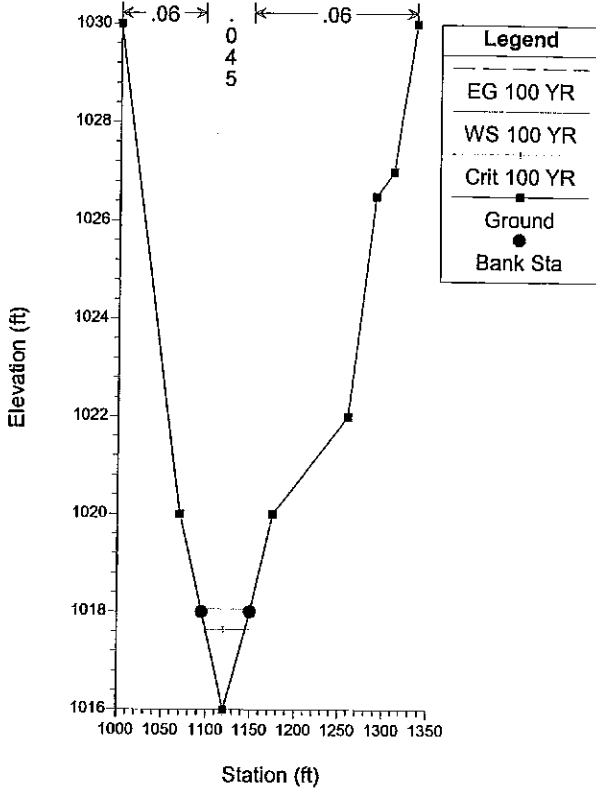


Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 3575



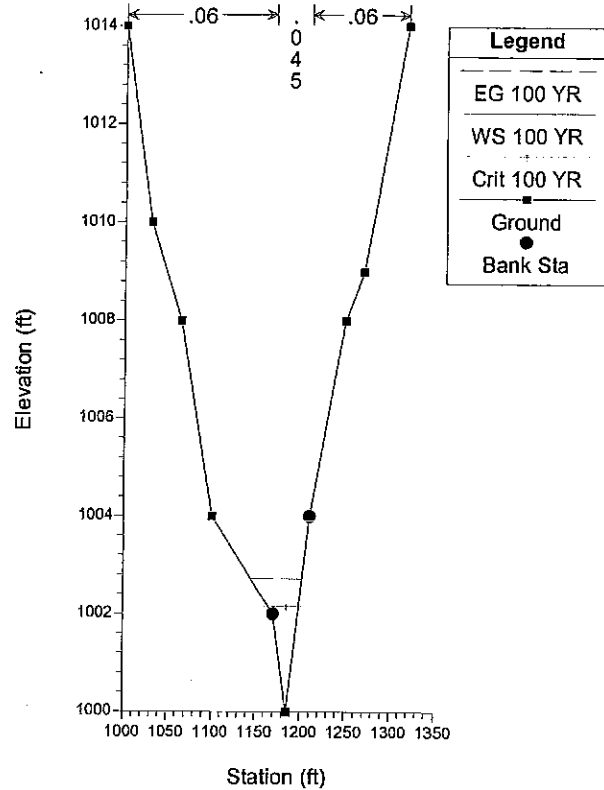
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 3055



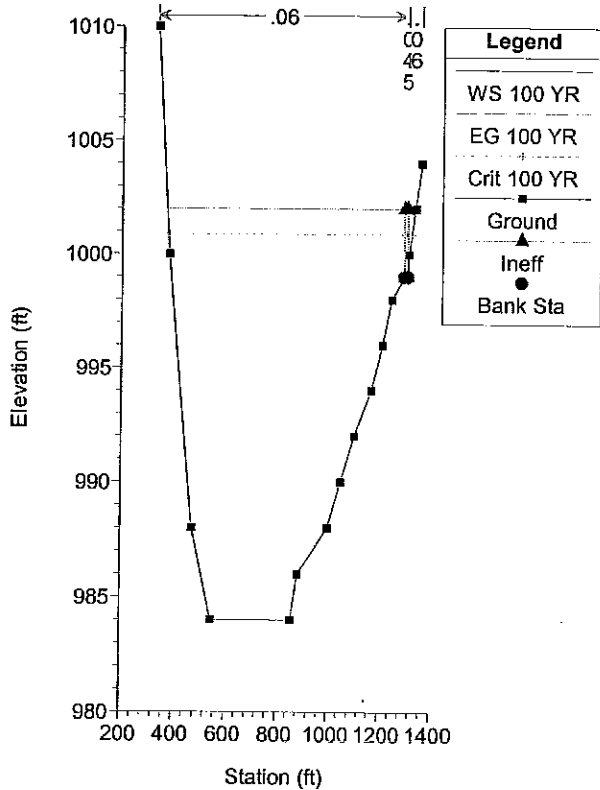
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 2765



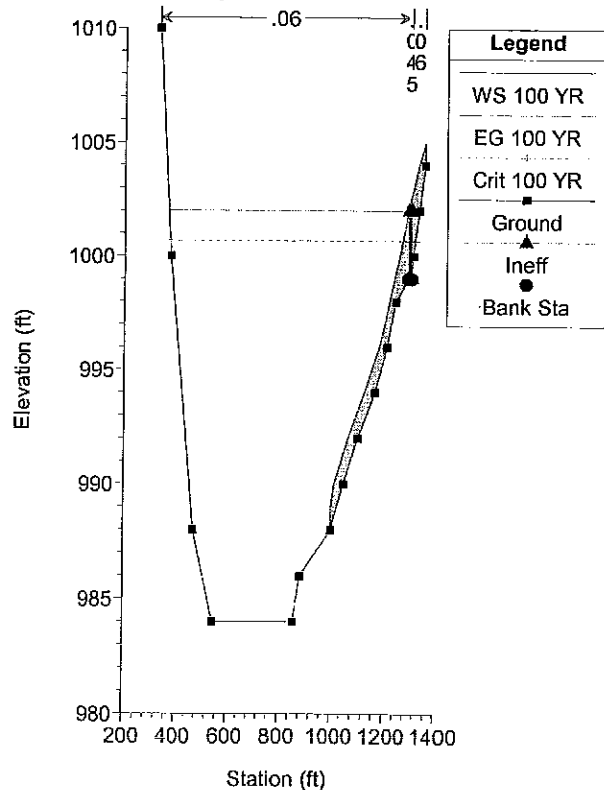
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 2710



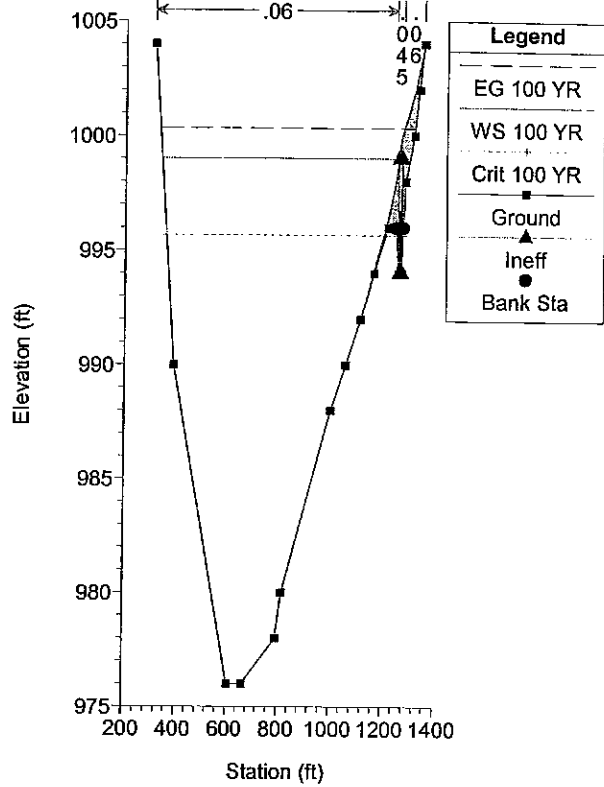
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 2680



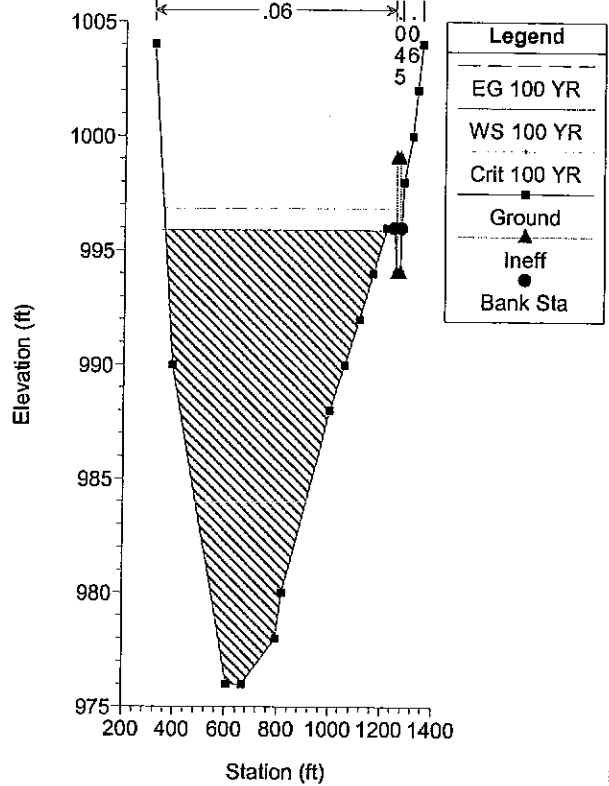
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 2680



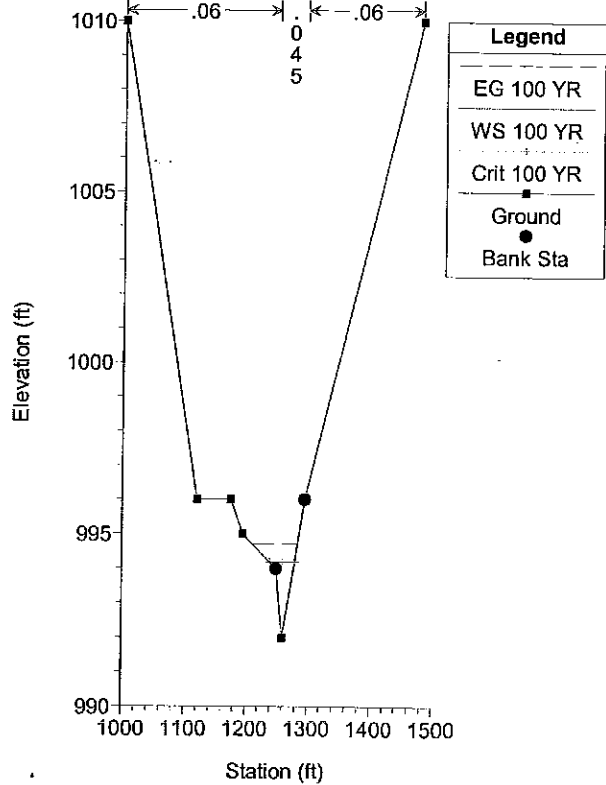
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 2650



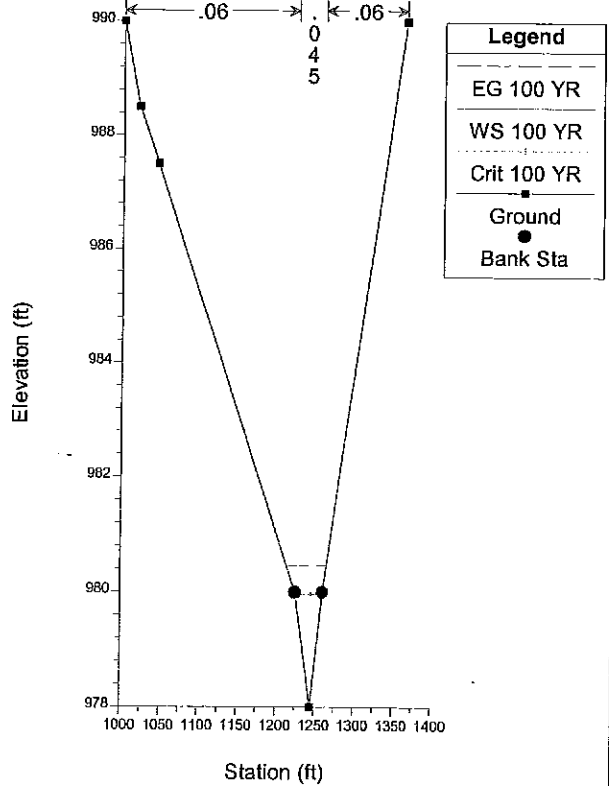
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 2625



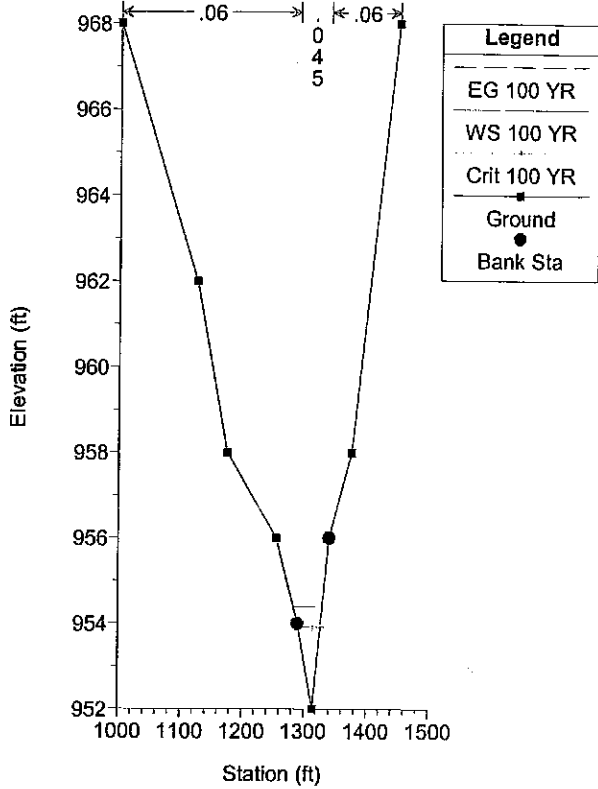
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 2345



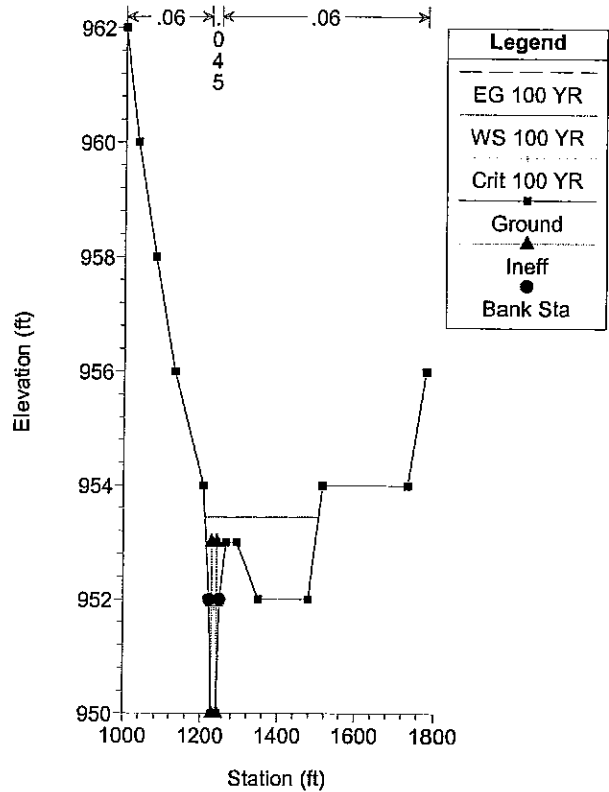
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 1765



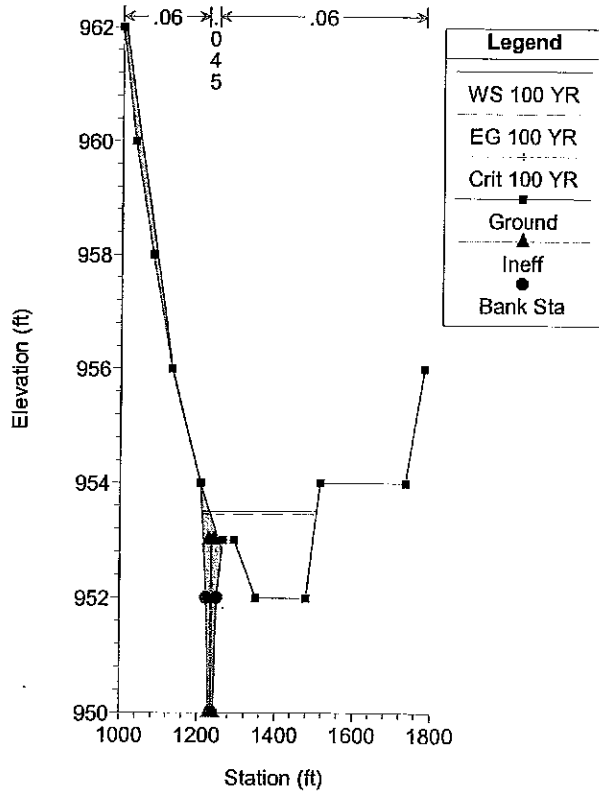
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 1735.5



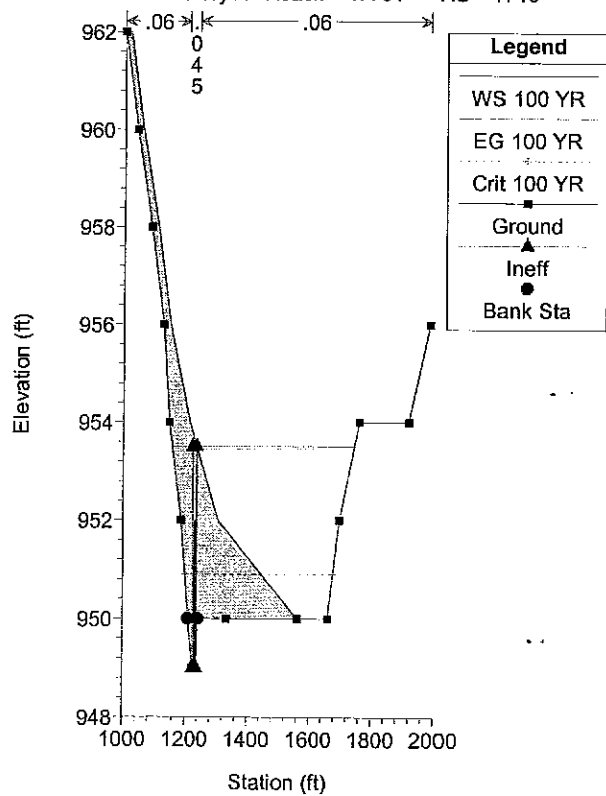
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 1710

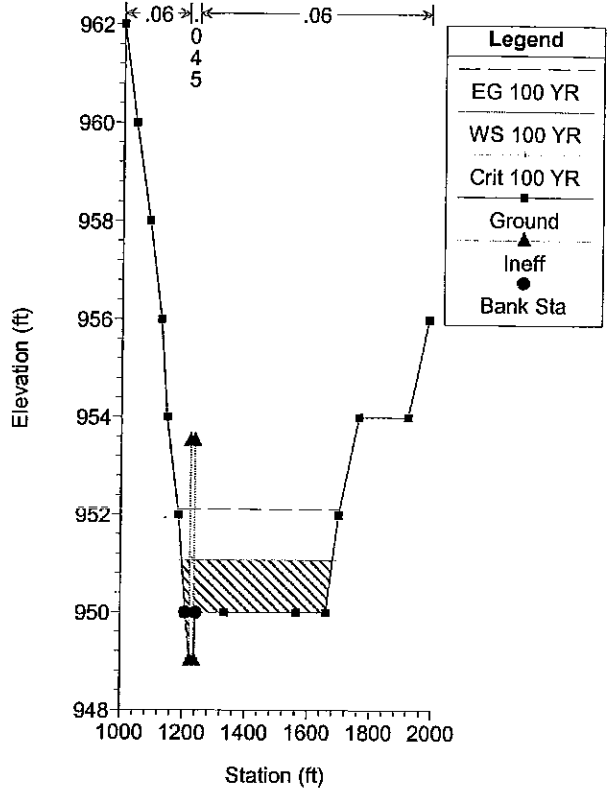


Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

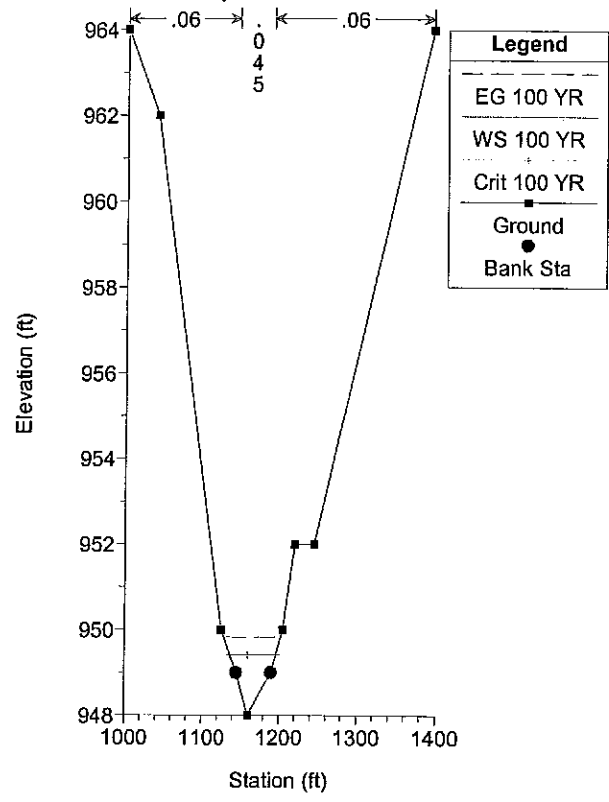
River = Tributary A Reach = TA-01 RS = 1710



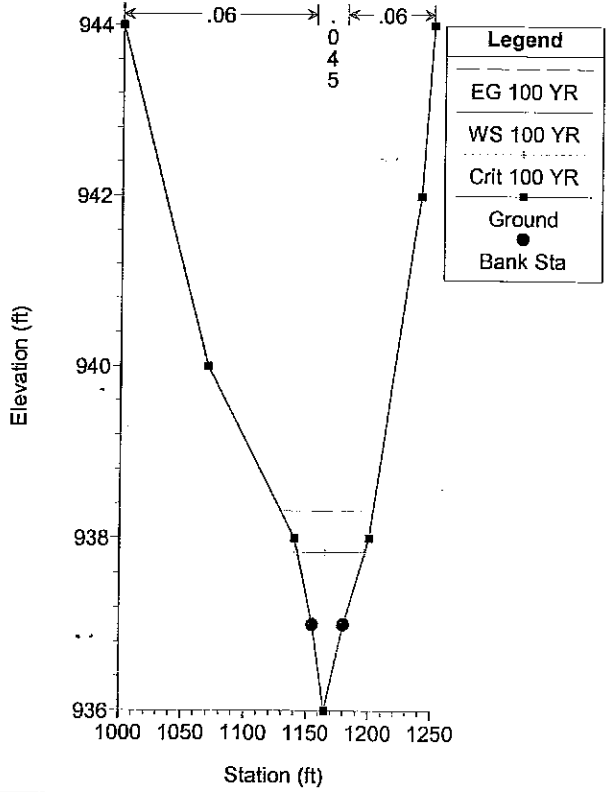
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 1682.5



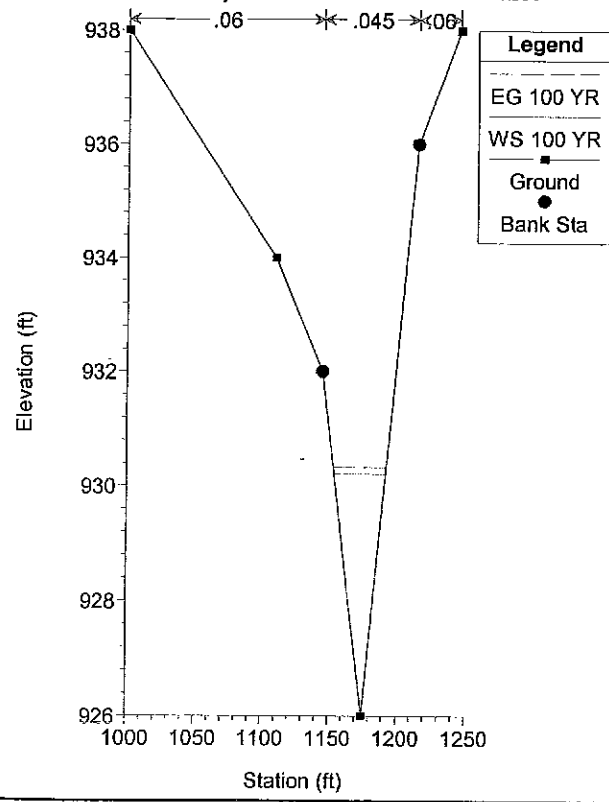
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 1630



Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 1380

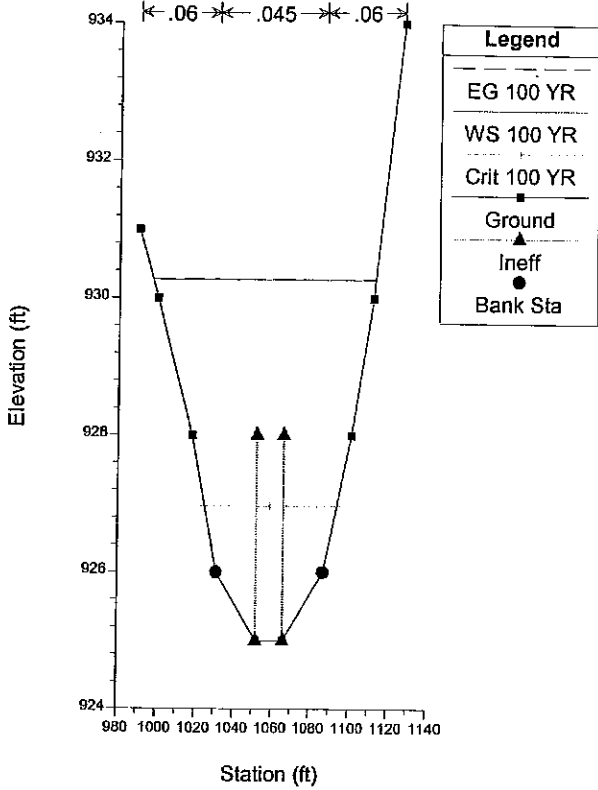


Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 1280



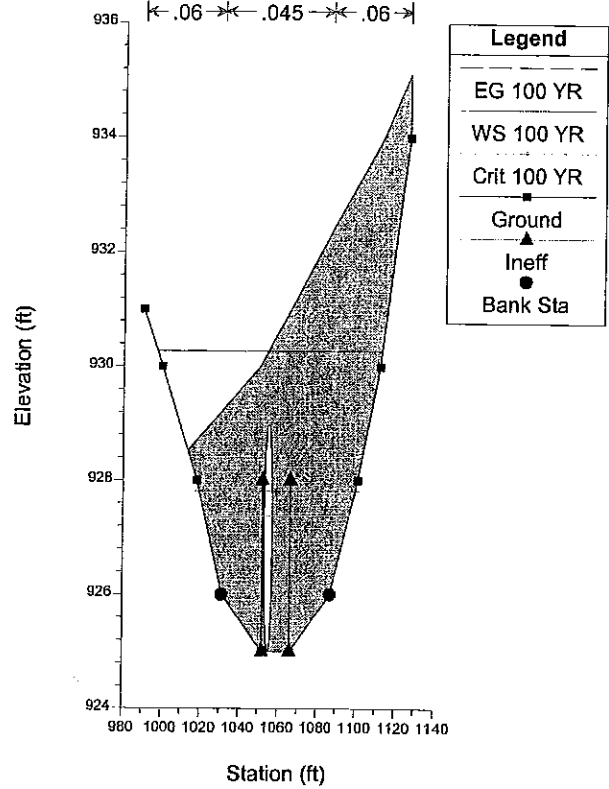
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 1202.50



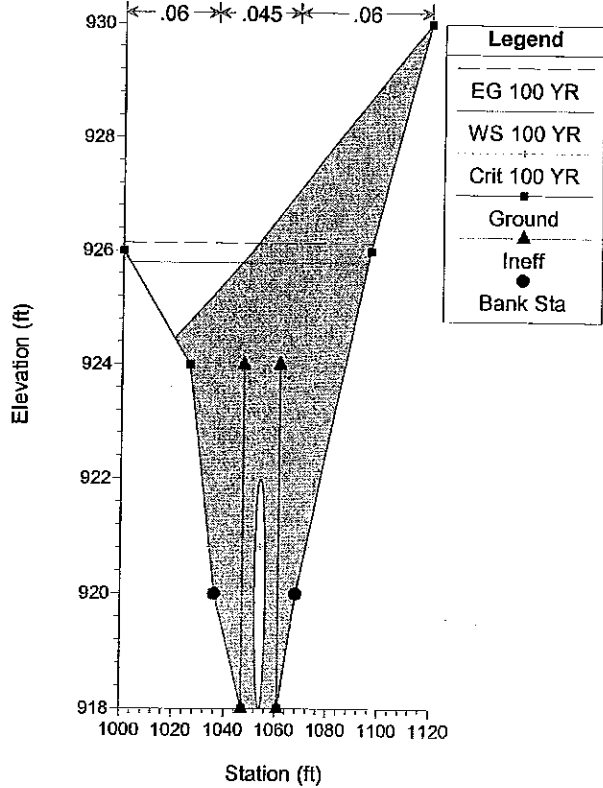
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 1170



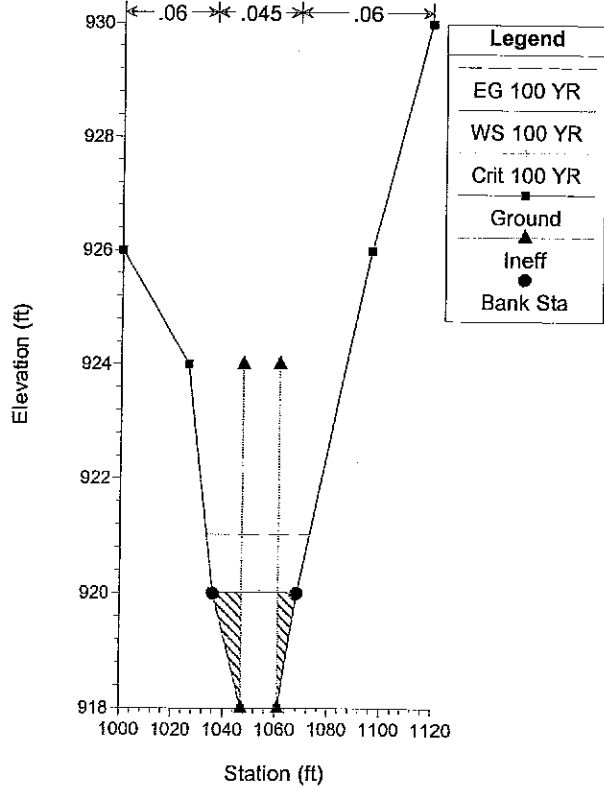
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 1170

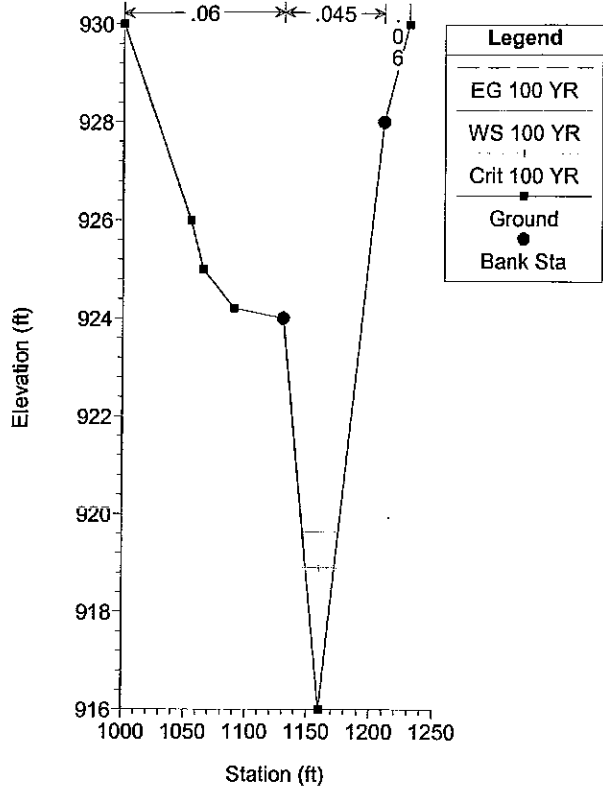


Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

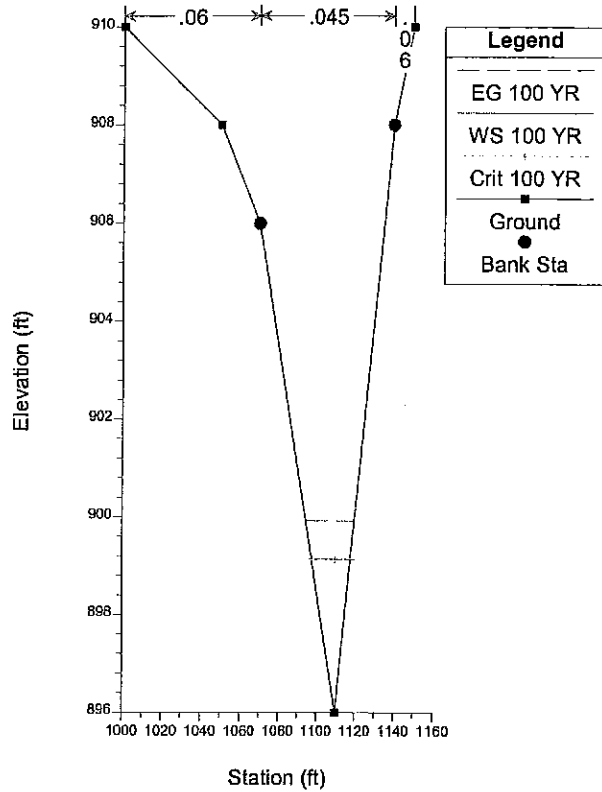
River = Tributary A Reach = TA-01 RS = 1137.5



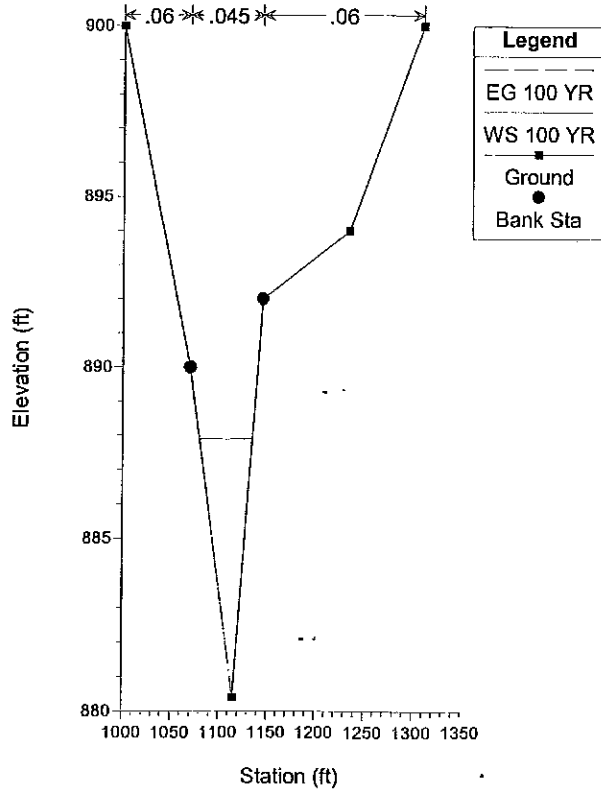
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 1120



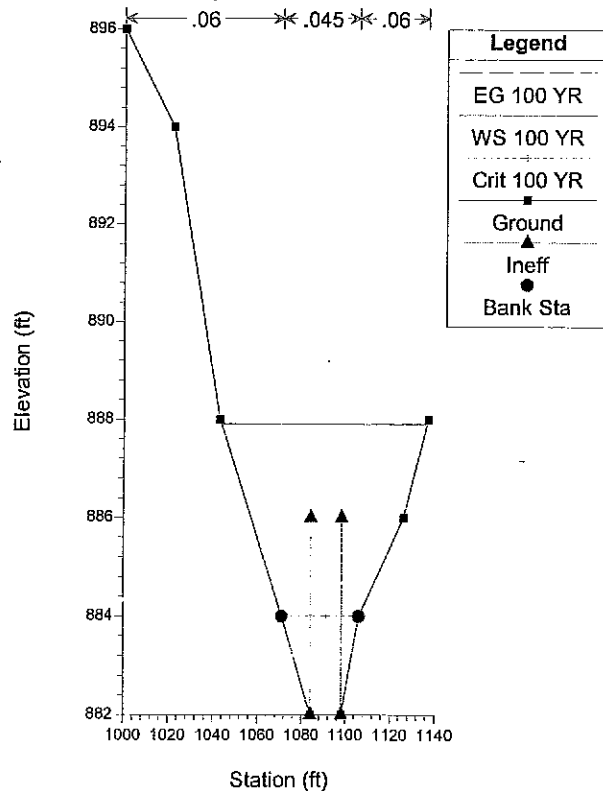
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 760



Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 510

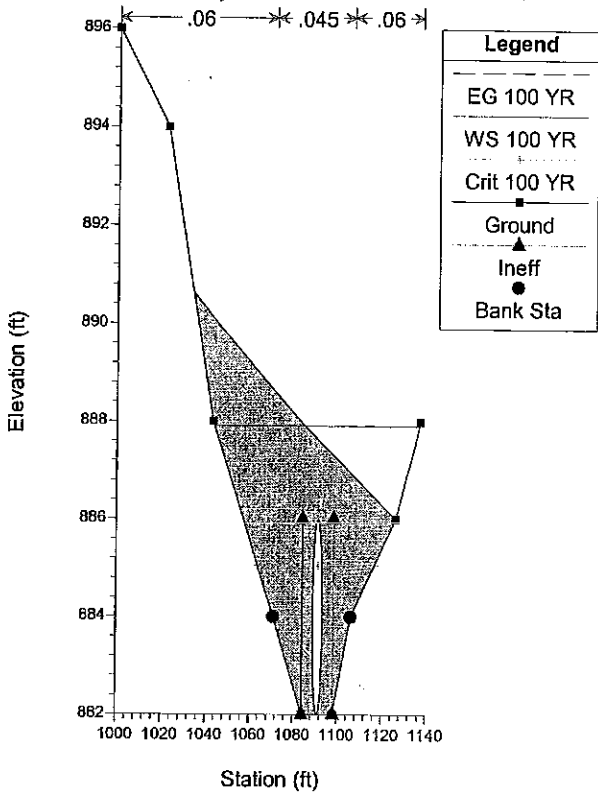


Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM
 River = Tributary A Reach = TA-01 RS = 492.50



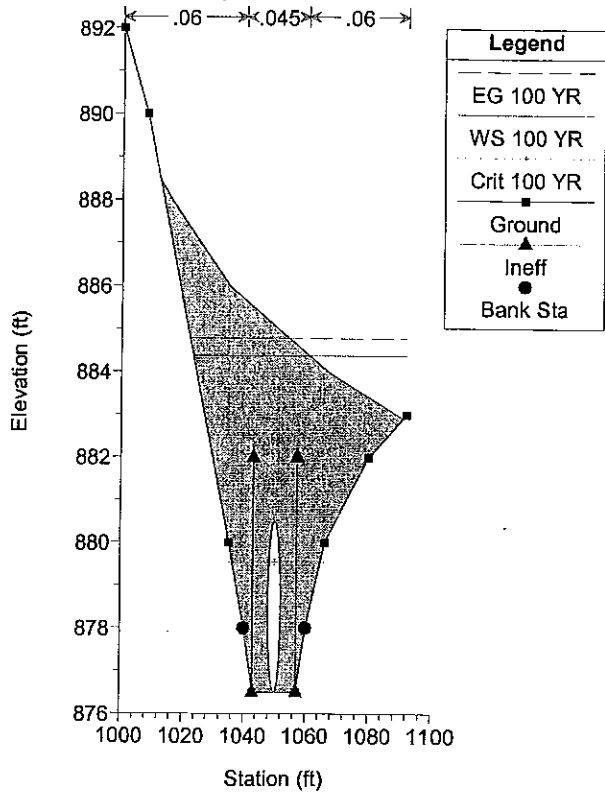
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 460



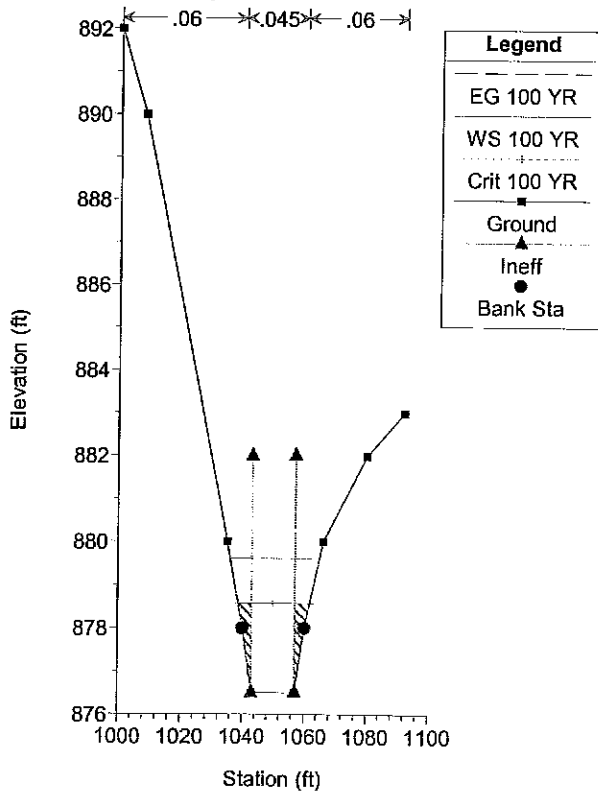
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 460



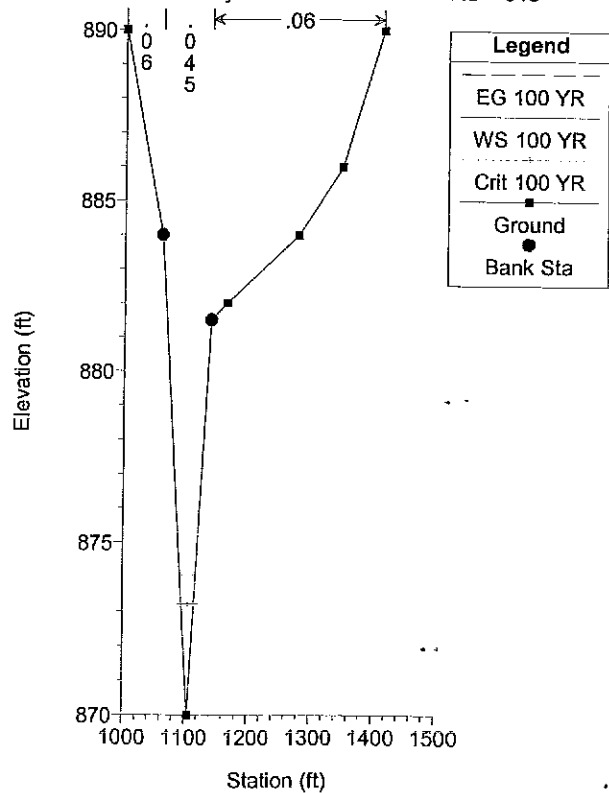
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 427.50



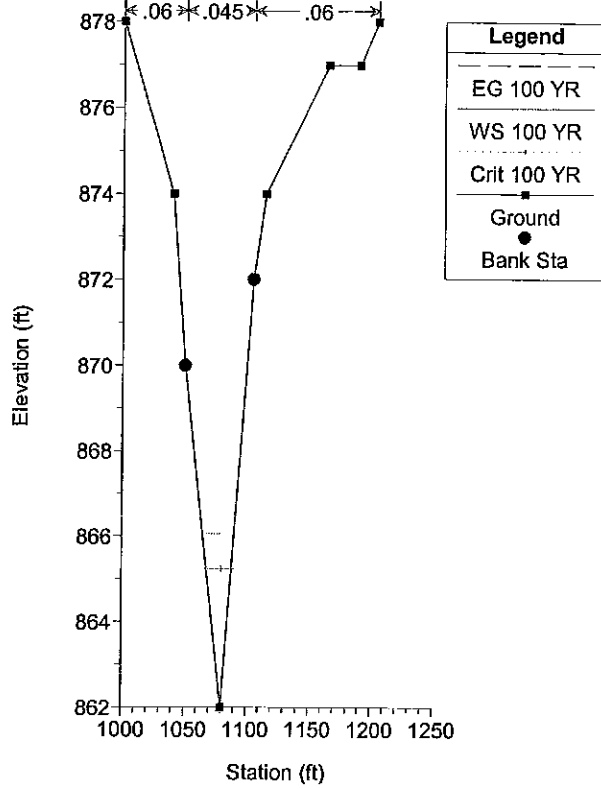
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 345



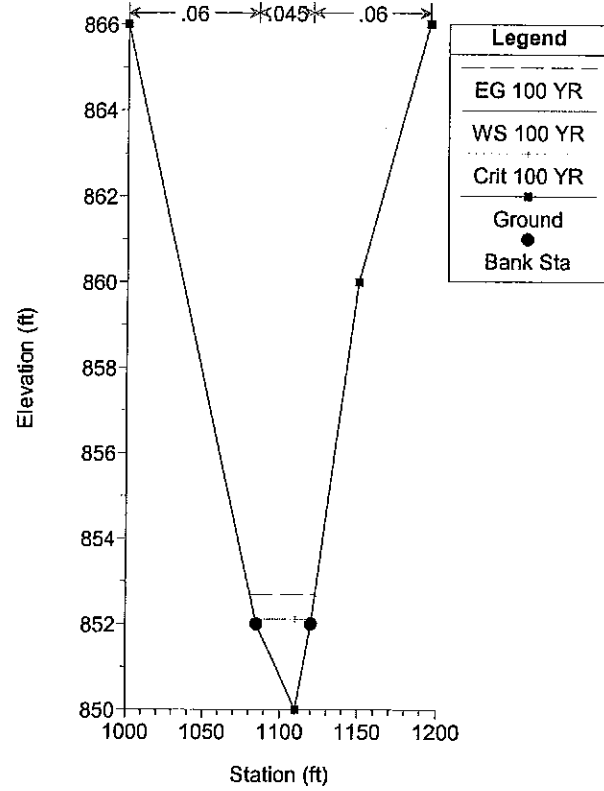
Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 215



Existing Smith Imported Plan 01 6/28/2001 4:21:26 PM

River = Tributary A Reach = TA-01 RS = 75



HEC-RAS
PROPOSED CONDITION
6-29-01

HEC-RAS Plan: Imported Pla

River	Reach	River Sta	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 # C1
Tributary A	TA-01	3677.50	13.00	1049.00	1049.82	1049.24	1049.83	0.000747	0.79	16.43	25.58	0.15
Tributary A	TA-01	3677.50	41.00	1049.00	1050.77	1049.51	1050.79	0.000579	1.16	35.33	32.01	0.15
Tributary A	TA-01	3677.50	66.00	1049.00	1051.43	1049.69	1051.45	0.000520	1.36	48.52	36.50	0.15
Tributary A	TA-01	3677.50	140.00	1049.00	1053.01	1050.15	1053.05	0.000440	1.75	80.11	55.78	0.15
Tributary A	TA-01	3677.50	192.00	1049.00	1053.94	1050.42	1053.99	0.000413	1.95	98.71	70.02	0.15
Tributary A	TA-01	3650										
			Culvert									
Tributary A	TA-01	3622.50	13.00	1048.00	1048.28	1048.24	1048.36	0.026661	2.31	5.62	21.50	0.77
Tributary A	TA-01	3622.50	41.00	1048.00	1048.53	1048.50	1048.76	0.032556	3.89	10.54	22.81	0.94
Tributary A	TA-01	3622.50	66.00	1048.00	1048.69	1048.69	1049.05	0.033596	4.75	13.90	23.71	1.00
Tributary A	TA-01	3622.50	140.00	1048.00	1049.14	1049.14	1049.73	0.029036	6.14	22.80	26.08	1.01
Tributary A	TA-01	3622.50	192.00	1048.00	1049.43	1049.43	1050.13	0.025719	6.72	28.58	27.62	0.99
Tributary A	TA-01	3575	13.00	1046.00	1046.54	1046.54	1046.68	0.047128	2.99	4.35	16.16	1.01
Tributary A	TA-01	3575	41.00	1046.00	1046.86	1046.86	1047.07	0.039499	3.72	11.01	25.70	1.00
Tributary A	TA-01	3575	66.00	1046.00	1047.04	1047.04	1047.30	0.036870	4.09	16.15	31.13	1.00
Tributary A	TA-01	3575	140.00	1046.00	1047.39	1047.39	1047.75	0.034280	4.80	29.17	41.84	1.01
Tributary A	TA-01	3575	192.00	1046.00	1047.58	1047.58	1047.99	0.032995	5.12	37.50	47.44	1.01
Tributary A	TA-01	3058	13.00	1016.00	1016.56	1016.56	1016.70	0.046748	3.04	4.27	15.33	1.02
Tributary A	TA-01	3058	41.00	1016.00	1016.88	1016.88	1017.11	0.040029	3.82	10.72	24.28	1.01
Tributary A	TA-01	3058	66.00	1016.00	1017.07	1017.07	1017.34	0.037601	4.21	15.69	29.37	1.01
Tributary A	TA-01	3058	140.00	1016.00	1017.44	1017.44	1017.81	0.034070	4.89	28.61	39.67	1.02
Tributary A	TA-01	3058	192.00	1016.00	1017.64	1017.64	1018.06	0.032502	5.20	36.91	45.05	1.01
Tributary A	TA-01	2765	13.00	1000.00	1000.74	1000.74	1000.93	0.043028	3.49	3.72	10.12	1.01
Tributary A	TA-01	2765	41.00	1000.00	1001.17	1001.17	1001.46	0.036878	4.39	9.33	16.02	1.01
Tributary A	TA-01	2765	66.00	1000.00	1001.41	1001.41	1001.77	0.034840	4.83	13.66	19.38	1.01
Tributary A	TA-01	2765	140.00	1000.00	1001.91	1001.91	1002.39	0.031216	5.61	24.96	26.20	1.01
Tributary A	TA-01	2765	192.00	1000.00	1002.17	1002.17	1002.72	0.028157	5.96	32.65	34.36	0.99
Tributary A	TA-01	2710	13.00	995.00	995.98	995.25	995.99	0.000503	0.73	17.73	42.40	0.13
Tributary A	TA-01	2710	41.00	995.00	996.81	995.54	996.83	0.000659	1.26	32.58	47.76	0.16
Tributary A	TA-01	2710	66.00	995.00	997.36	995.75	997.40	0.000704	1.55	42.49	51.34	0.18
Tributary A	TA-01	2710	140.00	995.00	998.76	996.23	998.83	0.000669	2.07	67.74	60.46	0.19
Tributary A	TA-01	2710	192.00	995.00	1000.18	996.52	1000.24	0.000435	2.06	83.18	69.65	0.16
Tributary A	TA-01	2650										
			Culvert									
Tributary A	TA-01	2650	13.00	994.00	994.25	994.25	994.38	0.046900	2.86	4.55	19.90	1.00
Tributary A	TA-01	2650	41.00	994.00	994.54	994.54	994.82	0.036519	4.20	9.77	22.07	1.00
Tributary A	TA-01	2650	66.00	994.00	994.75	994.75	995.12	0.032283	4.89	13.49	23.62	1.00
Tributary A	TA-01	2650	140.00	994.00	995.23	995.23	995.85	0.027577	6.31	22.20	27.25	1.00
Tributary A	TA-01	2650	192.00	994.00	995.52	995.52	996.28	0.025578	7.00	27.44	29.44	1.00
Tributary A	TA-01	2625	13.00	992.00	992.74	992.74	992.93	0.042833	3.48	3.74	10.14	1.01
Tributary A	TA-01	2625	41.00	992.00	993.17	993.17	993.46	0.036514	4.37	9.37	16.05	1.01
Tributary A	TA-01	2625	66.00	992.00	993.41	993.41	993.77	0.034204	4.81	13.73	19.43	1.01
Tributary A	TA-01	2625	140.00	992.00	993.90	993.90	994.39	0.031558	5.63	24.87	26.15	1.02
Tributary A	TA-01	2625	192.00	992.00	994.19	994.19	994.71	0.026919	5.82	33.81	39.51	0.97
Tributary A	TA-01	2345	13.00	978.00	978.67	978.67	978.84	0.041188	3.33	3.91	11.89	1.01
Tributary A	TA-01	2345	41.00	978.00	979.06	979.06	979.33	0.037889	4.19	9.80	18.52	1.01
Tributary A	TA-01	2345	66.00	978.00	979.28	979.28	979.61	0.035689	4.61	14.33	22.40	1.01
Tributary A	TA-01	2345	140.00	978.00	979.73	979.73	980.17	0.032135	5.35	26.17	30.27	1.01
Tributary A	TA-01	2345	192.00	978.00	979.96	979.96	980.47	0.030612	5.68	33.78	34.38	1.01
Tributary A	TA-01	1765	13.00	952.00	952.65	952.65	952.82	0.044624	3.28	3.98	12.19	1.01
Tributary A	TA-01	1765	41.00	952.00	953.03	953.03	953.29	0.037110	4.08	10.04	19.41	1.00
Tributary A	TA-01	1765	66.00	952.00	953.24	953.24	953.57	0.035907	4.54	14.53	23.34	1.01
Tributary A	TA-01	1765	140.00	952.00	953.68	953.68	954.11	0.032188	5.26	26.61	31.59	1.01
Tributary A	TA-01	1765	192.00	952.00	953.91	953.91	954.40	0.030924	5.61	34.23	35.83	1.01
Tributary A	TA-01	1735.5	13.00	949.00	949.91	949.22	949.91	0.000407	0.62	20.85	95.44	0.12
Tributary A	TA-01	1735.5	41.00	949.00	950.64	949.46	950.66	0.000659	1.09	37.76	99.85	0.15
Tributary A	TA-01	1735.5	66.00	949.00	951.11	949.64	951.14	0.000624	1.36	48.60	102.68	0.16
Tributary A	TA-01	1735.5	140.00	949.00	952.20	950.04	952.26	0.000702	1.90	73.65	111.44	0.19
Tributary A	TA-01	1735.5	192.00	949.00	952.86	950.29	952.93	0.000709	2.16	88.76	122.61	0.19
Tributary A	TA-01	1710										
			Culvert									
Tributary A	TA-01	1682.5	15.00	948.00	948.80	948.24	948.81	0.000819	0.81	18.41	27.40	0.16
Tributary A	TA-01	1682.5	47.00	948.00	949.27	948.51	949.31	0.001736	1.61	29.16	29.97	0.23
Tributary A	TA-01	1682.5	76.00	948.00	949.52	948.70	949.80	0.002462	2.17	35.04	31.38	0.31
Tributary A	TA-01	1682.5	160.00	948.00	950.00	949.14	950.18	0.004438	3.49	45.89	33.97	0.43
Tributary A	TA-01	1682.5	218.00	948.00	950.20	949.40	950.49	0.005925	4.30	50.66	39.96	0.51
Tributary A	TA-01	1630	15.00	948.00	948.49	948.49	948.61	0.047380	2.80	5.35	21.95	1.00
Tributary A	TA-01	1630	47.00	948.00	948.77	948.77	948.96	0.041909	3.56	13.20	34.46	1.01
Tributary A	TA-01	1630	76.00	948.00	948.93	948.93	949.17	0.039203	3.92	19.40	41.79	1.01

HEC-RAS Plan: Imported Pla (Continued)

River	Reach	River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/m)	Vel Chn (ft/s)	Flow Area (sq ft)	Top Width (ft)	Friction Coef
Tributary A	TA-01	1630	160.00	948.00	949.24	949.24	949.59	0.031829	4.80	34.10	53.26	0.99
Tributary A	TA-01	1630	218.00	948.00	949.41	949.41	949.83	0.028566	5.23	43.79	59.29	0.97
Tributary A	TA-01	1380	15.00	936.00	936.61	936.61	936.77	0.045422	3.19	4.70	15.33	1.02
Tributary A	TA-01	1380	47.00	936.00	936.97	936.97	937.22	0.037758	3.96	11.86	24.35	1.00
Tributary A	TA-01	1380	76.00	936.00	937.16	937.16	937.48	0.032880	4.55	17.09	30.76	0.98
Tributary A	TA-01	1380	160.00	936.00	937.60	937.60	938.03	0.023904	5.43	33.79	45.99	0.91
Tributary A	TA-01	1380	218.00	936.00	937.83	937.83	938.31	0.021424	5.83	45.27	54.03	0.89
Tributary A	TA-01	1280	15.00	926.00	926.92	926.92	927.16	0.040719	3.91	3.83	8.31	1.02
Tributary A	TA-01	1280	47.00	926.00	927.46	927.46	927.83	0.034696	4.90	9.58	13.13	1.01
Tributary A	TA-01	1280	76.00	926.00	927.77	927.77	928.22	0.032331	5.39	14.11	15.94	1.01
Tributary A	TA-01	1280	160.00	926.00	928.38	928.38	928.99	0.029679	6.28	25.47	21.41	1.02
Tributary A	TA-01	1280	218.00	926.00	928.70	928.70	929.39	0.028303	6.67	32.99	24.26	1.01
Tributary A	TA-01	1202.50	15.00	920.00	921.62	920.33	921.83	0.000212	0.66	22.66	25.33	0.09
Tributary A	TA-01	1202.50	47.00	920.00	922.97	920.70	922.99	0.000275	1.13	41.55	34.78	0.12
Tributary A	TA-01	1202.50	76.00	920.00	923.88	920.97	923.91	0.000294	1.40	54.34	41.17	0.13
Tributary A	TA-01	1202.50	160.00	920.00	926.14	921.59	926.19	0.000283	1.85	85.90	57.83	0.13
Tributary A	TA-01	1202.50	218.00	920.00	928.11	921.98	928.16	0.000208	1.92	113.51	84.56	0.12
Tributary A	TA-01	1170	Culvert									
Tributary A	TA-01	1137.5	15.50	918.00	918.33	918.33	918.50	0.043706	3.32	4.87	17.00	1.01
Tributary A	TA-01	1137.5	48.75	918.00	918.72	918.72	919.08	0.033134	4.83	10.09	20.49	1.00
Tributary A	TA-01	1137.5	78.75	918.00	918.99	918.99	919.49	0.029720	5.67	13.90	22.94	1.00
Tributary A	TA-01	1137.5	165.50	918.00	919.63	919.63	920.45	0.025219	7.26	22.80	28.66	1.00
Tributary A	TA-01	1137.5	225.00	918.00	920.00	920.00	921.00	0.023445	8.03	28.02	32.01	1.00
Tributary A	TA-01	1120	15.50	916.00	916.99	916.99	917.24	0.039732	4.02	3.85	7.81	1.01
Tributary A	TA-01	1120	48.75	916.00	917.56	917.56	917.96	0.034432	5.08	9.60	12.33	1.01
Tributary A	TA-01	1120	78.75	916.00	917.89	917.89	918.37	0.032326	5.59	14.08	14.93	1.01
Tributary A	TA-01	1120	165.50	916.00	918.54	918.54	919.19	0.029277	6.49	25.51	20.10	1.01
Tributary A	TA-01	1120	225.00	916.00	918.89	918.89	919.61	0.027330	6.83	32.96	22.84	1.00
Tributary A	TA-01	760	15.50	896.00	897.07	897.07	897.34	0.039938	4.20	3.69	6.93	1.01
Tributary A	TA-01	760	48.75	896.00	897.68	897.68	898.12	0.034270	5.28	9.23	10.95	1.01
Tributary A	TA-01	760	78.75	896.00	898.04	898.04	898.57	0.031989	5.80	13.57	13.28	1.01
Tributary A	TA-01	760	165.50	896.00	899.76	899.76	899.45	0.028290	6.67	24.80	17.96	1.00
Tributary A	TA-01	760	225.00	896.00	899.12	899.12	899.91	0.027189	7.10	31.69	20.30	1.00
Tributary A	TA-01	510	15.50	880.40	881.42	881.42	881.68	0.040211	4.11	3.77	7.41	1.02
Tributary A	TA-01	510	48.75	880.40	882.01	882.01	882.43	0.034484	5.17	9.43	11.71	1.02
Tributary A	TA-01	510	78.75	880.40	882.35	882.35	882.85	0.032278	5.69	13.85	14.20	1.01
Tributary A	TA-01	510	165.50	880.40	884.23	884.23	884.38	0.003938	3.11	53.22	27.82	0.40
Tributary A	TA-01	510	225.00	880.40	886.47	886.47	886.52	0.000619	1.68	134.05	44.16	0.17
Tributary A	TA-01	482.50	15.50	878.00	879.65	878.34	879.65	0.000213	0.67	23.05	23.88	0.09
Tributary A	TA-01	482.50	48.75	878.00	881.03	878.72	881.05	0.000277	1.15	42.39	32.17	0.12
Tributary A	TA-01	482.50	78.75	878.00	881.96	878.99	881.99	0.000285	1.42	55.46	37.77	0.13
Tributary A	TA-01	482.50	165.50	878.00	884.28	879.63	884.33	0.000281	1.88	87.91	53.01	0.13
Tributary A	TA-01	482.50	225.00	878.00	886.45	880.00	886.51	0.000193	1.90	118.32	76.58	0.12
Tributary A	TA-01	460	Culvert									
Tributary A	TA-01	427.50	16.25	876.50	876.85	876.85	877.02	0.041649	3.33	4.87	15.39	1.00
Tributary A	TA-01	427.50	50.75	876.50	877.24	877.24	877.81	0.032991	4.90	10.35	16.96	1.01
Tributary A	TA-01	427.50	82.25	876.50	877.51	877.51	878.04	0.031014	5.84	14.09	18.02	1.03
Tributary A	TA-01	427.50	172.50	876.50	878.18	878.18	879.02	0.024729	7.34	23.51	20.99	1.00
Tributary A	TA-01	427.50	234.25	876.50	878.56	878.56	879.58	0.023182	8.13	28.80	23.06	1.00
Tributary A	TA-01	345	16.25	870.00	871.10	871.10	871.39	0.039589	4.28	3.80	6.90	1.01
Tributary A	TA-01	345	50.75	870.00	871.74	871.74	872.19	0.034015	5.37	9.45	10.68	1.01
Tributary A	TA-01	345	82.25	870.00	872.11	872.11	872.65	0.031856	5.91	13.92	13.20	1.01
Tributary A	TA-01	345	172.50	870.00	872.84	872.84	873.57	0.028561	6.83	25.27	17.78	1.01
Tributary A	TA-01	345	234.25	870.00	873.21	873.21	874.03	0.027608	7.28	32.19	20.07	1.01
Tributary A	TA-01	215	16.25	862.00	863.10	863.10	863.39	0.039714	4.28	3.80	6.69	1.02
Tributary A	TA-01	215	50.75	862.00	863.74	863.74	864.19	0.033916	5.36	9.47	10.88	1.01
Tributary A	TA-01	215	82.25	862.00	864.11	864.11	864.65	0.031900	5.91	13.92	13.19	1.01
Tributary A	TA-01	215	172.50	862.00	864.85	864.85	865.57	0.028098	6.78	25.44	17.83	1.00
Tributary A	TA-01	215	234.25	862.00	865.22	865.22	866.03	0.027023	7.21	32.47	20.15	1.00
Tributary A	TA-01	75	16.25	850.00	850.73	850.73	850.92	0.043045	3.48	4.67	12.78	1.02
Tributary A	TA-01	75	50.75	850.00	851.15	851.15	851.45	0.036871	4.37	11.62	20.17	1.01
Tributary A	TA-01	75	82.25	850.00	851.40	851.40	851.76	0.034577	4.81	17.10	24.46	1.01
Tributary A	TA-01	75	172.50	850.00	851.88	851.88	852.36	0.031127	5.57	31.00	32.94	1.01
Tributary A	TA-01	75	234.25	850.00	852.10	852.10	852.67	0.029852	6.06	38.69	36.02	1.02
Smith Creek	SC-07	27840	18.00	1320.00	1320.54	1320.50	1320.68	0.031837	3.02	5.96	16.21	0.88
Smith Creek	SC-07	27840	69.00	1320.00	1320.99	1320.99	1321.31	0.035508	4.50	15.35	24.88	1.01

HEC-RAS Plan Imported Pla (Continued)

River	Reach	River Sta	Q Total (cfs)	Min Ch Elev (ft)	W.S. Elev (ft)	Crll W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Friction # Ch
Smith Creek	SC-07	27840	118.00	1320.00	1321.29	1321.29	1321.68	0.032853	5.02	23.49	30.47	1.01
Smith Creek	SC-07	27840	275.00	1320.00	1321.91	1321.91	1322.46	0.029081	5.95	46.21	42.33	1.00
Smith Creek	SC-07	27840	389.00	1320.00	1322.21	1322.21	1322.88	0.026771	6.56	59.51	46.78	1.00
Smith Creek	SC-07	27180	18.00	1291.50	1291.93	1291.93	1292.04	0.064715	3.02	7.08	32.80	1.14
Smith Creek	SC-07	27180	69.00	1291.50	1292.22	1292.22	1292.37	0.038122	3.91	26.85	98.81	1.00
Smith Creek	SC-07	27180	118.00	1291.50	1292.36	1292.36	1292.53	0.036982	4.54	41.46	123.87	1.03
Smith Creek	SC-07	27180	275.00	1291.50	1292.63	1292.63	1292.88	0.034578	5.64	83.27	176.96	1.06
Smith Creek	SC-07	27180	389.00	1291.50	1292.77	1292.77	1293.05	0.034302	6.20	109.69	203.68	1.08
Smith Creek	SC-07	26775	18.00	1273.00	1274.07	1273.14	1274.08	0.000031	0.16	123.66	303.75	0.03
Smith Creek	SC-07	26775	69.00	1273.00	1274.15	1273.33	1274.15	0.000322	0.54	146.23	305.47	0.10
Smith Creek	SC-07	26775	122.00	1273.00	1274.27	1273.49	1274.28	0.000594	0.80	184.19	308.36	0.14
Smith Creek	SC-07	26775	301.00	1273.00	1274.49	1274.00	1274.52	0.001588	1.50	250.32	313.32	0.24
Smith Creek	SC-07	26775	432.00	1273.00	1274.01	1274.01	1274.29	0.024799	4.23	103.28	302.18	0.87
Smith Creek	SC-07	26750										
Smith Creek	SC-07	26725	18.00	1270.00	1270.21	1270.20	1270.30	0.040103	2.35	7.65	50.44	0.90
Smith Creek	SC-07	26725	69.00	1270.00	1270.50	1270.48	1270.73	0.032877	3.80	18.18	70.33	0.94
Smith Creek	SC-07	26725	122.00	1270.00	1270.72	1270.72	1271.06	0.032011	4.73	25.79	84.72	0.98
Smith Creek	SC-07	26725	301.00	1270.00	1271.29	1271.29	1271.94	0.027253	6.47	46.53	124.09	1.00
Smith Creek	SC-07	26725	432.00	1270.00	1272.00	1272.00	1272.08	0.002498	2.33	216.15	216.01	0.32
Smith Creek	SC-07	26400	18.00	1260.00	1260.53	1260.50	1260.63	0.034475	2.52	7.13	26.97	0.87
Smith Creek	SC-07	26400	69.00	1260.00	1260.85	1260.85	1261.07	0.040434	3.75	18.40	43.32	1.01
Smith Creek	SC-07	26400	122.00	1260.00	1261.06	1261.06	1261.34	0.038346	4.23	28.97	57.58	1.00
Smith Creek	SC-07	26400	301.00	1260.00	1261.55	1261.55	1261.91	0.025168	4.97	69.16	107.68	0.91
Smith Creek	SC-07	26400	432.00	1260.00	1261.78	1261.78	1262.18	0.023728	5.37	96.41	131.18	0.91
Smith Creek	SC-07	26025	18.00	1241.50	1241.93	1241.93	1242.04	0.051195	2.67	6.75	31.60	1.02
Smith Creek	SC-07	26025	69.00	1241.50	1242.20	1242.20	1242.34	0.028137	3.25	27.91	102.05	0.85
Smith Creek	SC-07	26025	122.00	1241.50	1242.33	1242.33	1242.52	0.030254	3.98	41.64	113.52	0.92
Smith Creek	SC-07	26025	301.00	1241.50	1242.64	1242.64	1242.94	0.029720	5.27	81.55	141.67	0.98
Smith Creek	SC-07	26025	432.00	1241.50	1242.81	1242.81	1243.17	0.029172	5.67	107.28	157.17	1.00
Smith Creek	SC-07	25825	18.00	1234.75	1236.56	1235.02	1236.56	0.000003	0.08	340.89	331.40	0.01
Smith Creek	SC-07	25825	69.00	1234.75	1236.67	1235.24	1236.67	0.000034	0.28	379.84	349.65	0.04
Smith Creek	SC-07	25825	122.00	1234.75	1236.62	1235.41	1236.62	0.000123	0.53	360.54	340.73	0.07
Smith Creek	SC-07	25825	301.00	1234.75	1236.89	1235.85	1236.90	0.000390	1.04	458.41	383.84	0.13
Smith Creek	SC-07	25825	432.00	1234.75	1237.04	1236.50	1237.06	0.000613	1.37	518.93	402.66	0.16
Smith Creek	SC-07	25200										
Smith Creek	SC-07	25775	18.00	1232.00	1232.74	1232.74	1233.11	0.033099	4.89	3.68	31.48	1.01
Smith Creek	SC-07	25775	69.00	1232.00	1233.82	1233.82	1234.71	0.023897	7.60	9.08	70.38	0.99
Smith Creek	SC-07	25775	122.00	1232.00	1235.00	1235.00	1235.01	0.000181	0.72	194.52	148.01	0.09
Smith Creek	SC-07	25775	301.00	1232.00	1235.01	1235.01	1235.05	0.001090	1.77	195.62	148.54	0.22
Smith Creek	SC-07	25775	432.00	1232.00	1235.01	1235.01	1235.10	0.002244	2.54	195.62	148.54	0.31
Smith Creek	SC-07	25500	18.00	1216.00	1216.80	1216.80	1217.00	0.042127	3.64	4.95	12.38	1.01
Smith Creek	SC-07	25500	69.00	1216.00	1217.37	1217.37	1217.72	0.035292	4.77	14.48	21.19	1.02
Smith Creek	SC-07	25500	122.00	1216.00	1217.72	1217.72	1218.16	0.032720	5.34	22.84	26.81	1.02
Smith Creek	SC-07	25500	301.00	1216.00	1218.51	1218.51	1219.02	0.030951	5.74	52.47	52.99	1.02
Smith Creek	SC-07	25500	432.00	1216.00	1219.63		1219.78	0.005885	3.12	136.65	101.09	0.47
Smith Creek	SC-07	25520	21.00	1210.00	1211.02	1210.38	1211.05	0.001475	1.29	16.33	22.12	0.22
Smith Creek	SC-07	25520	84.00	1210.00	1212.57	1210.95	1212.64	0.001084	2.04	41.15	31.43	0.22
Smith Creek	SC-07	25520	154.00	1210.00	1213.85	1211.42	1213.95	0.000947	2.50	61.65	39.12	0.22
Smith Creek	SC-07	25520	394.00	1210.00	1217.21	1212.65	1217.39	0.000769	3.42	115.32	79.24	0.22
Smith Creek	SC-07	25520	570.00	1210.00	1219.70	1213.39	1219.72	0.000104	1.25	578.34	166.36	0.08
Smith Creek	SC-07	25480										
Smith Creek	SC-07	25440	21.00	1208.00	1208.31	1208.29	1208.43	0.035265	2.83	7.41	26.93	0.90
Smith Creek	SC-07	25440	84.00	1208.00	1208.72	1208.72	1209.09	0.033193	4.84	17.34	30.86	1.00
Smith Creek	SC-07	25440	154.00	1208.00	1209.09	1209.09	1209.63	0.028549	5.90	26.10	34.33	1.00
Smith Creek	SC-07	25440	394.00	1208.00	1210.02	1210.02	1211.05	0.023570	8.11	48.57	43.21	1.00
Smith Creek	SC-07	25440	570.00	1208.00	1210.60	1210.60	1211.90	0.021456	9.14	62.36	48.18	1.00
Smith Creek	SC-07	25240	21.00	1200.00	1200.49	1200.49	1200.68	0.041152	3.54	5.93	15.33	1.00
Smith Creek	SC-07	25240	84.00	1200.00	1201.07	1201.07	1201.45	0.033014	4.91	17.11	22.93	1.00
Smith Creek	SC-07	25240	154.00	1200.00	1201.47	1201.47	1201.96	0.030710	5.64	27.31	28.13	1.01
Smith Creek	SC-07	25240	394.00	1200.00	1202.32	1202.32	1203.11	0.026031	7.15	55.29	36.65	1.01
Smith Creek	SC-07	25240	570.00	1200.00	1202.77	1202.77	1203.76	0.023334	8.01	72.32	39.02	0.99
Smith Creek	SC-07	25020	21.00	1190.00	1190.72	1190.72	1190.90	0.041585	3.41	6.16	17.02	1.00
Smith Creek	SC-07	25020	84.00	1190.00	1191.25	1191.25	1191.57	0.035811	4.56	18.43	29.43	1.01
Smith Creek	SC-07	25020	154.00	1190.00	1191.60	1191.60	1192.01	0.032924	5.14	29.97	37.53	1.01
Smith Creek	SC-07	25020	394.00	1190.00	1192.29	1192.29	1192.94	0.028054	6.52	60.62	48.35	1.01
Smith Creek	SC-07	25020	570.00	1190.00	1192.67	1192.67	1193.48	0.024593	7.25	79.38	50.14	0.99

HEC-RAS Plan Imported Pla (Continued)

River	Reach	River Sta	Q Total (cfs)	Min Ch Elev (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chn (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Ch
Smith Creek	SC-06	24740	55.00	1179.50	1180.60		1180.71	0.011090	2.66	20.71	30.84	0.57
Smith Creek	SC-06	24740	192.00	1179.50	1181.33		1181.58	0.013062	4.03	47.65	42.90	0.67
Smith Creek	SC-06	24740	335.00	1179.50	1181.74		1182.13	0.015602	5.00	66.97	49.78	0.76
Smith Creek	SC-06	24740	811.00	1179.50	1182.71		1183.43	0.015123	6.82	120.11	58.52	0.81
Smith Creek	SC-06	24740	1158.00	1179.50	1183.15		1184.15	0.016584	8.07	146.54	61.33	0.88
Smith Creek	SC-06	24590	55.00	1176.00	1176.74	1176.74	1176.96	0.097145	3.77	14.59	33.87	1.01
Smith Creek	SC-06	24590	192.00	1176.00	1177.34	1177.31	1177.72	0.070409	4.92	39.05	47.75	0.96
Smith Creek	SC-06	24590	335.00	1176.00	1177.84		1178.24	0.050971	5.12	65.49	59.20	0.86
Smith Creek	SC-06	24590	811.00	1176.00	1178.53	1178.53	1179.36	0.059603	7.44	110.05	68.05	1.00
Smith Creek	SC-06	24590	1158.00	1176.00	1179.00	1179.00	1180.05	0.053100	8.26	143.59	72.62	0.98
Smith Creek	SC-06	24350	55.00	1168.00	1168.99	1168.83	1169.12	0.016099	2.82	19.53	35.30	0.67
Smith Creek	SC-06	24350	192.00	1168.00	1169.61		1169.86	0.018734	4.08	47.02	54.58	0.78
Smith Creek	SC-06	24350	335.00	1168.00	1169.92		1170.32	0.023381	5.10	65.67	64.45	0.89
Smith Creek	SC-06	24350	811.00	1168.00	1170.63	1170.63	1171.23	0.019100	6.47	148.14	135.55	0.88
Smith Creek	SC-06	24350	1158.00	1168.00	1170.98	1170.98	1171.69	0.018544	7.22	197.80	150.65	0.89
Smith Creek	SC-05	24110	45.00	1162.50	1163.30	1163.30	1163.51	0.041188	3.64	12.38	30.94	1.01
Smith Creek	SC-05	24110	148.00	1162.50	1163.79	1163.79	1164.12	0.035274	4.62	32.04	49.78	1.01
Smith Creek	SC-05	24110	294.00	1162.50	1164.22	1164.22	1164.80	0.024437	5.05	64.11	97.98	0.90
Smith Creek	SC-05	24110	789.00	1162.50	1164.93	1164.93	1165.55	0.020854	6.75	142.55	120.91	0.92
Smith Creek	SC-05	24110	1095.00	1162.50	1165.26	1165.26	1165.98	0.020219	7.47	183.40	131.28	0.93
Smith Creek	SC-05	23910	45.00	1154.00	1155.06	1155.06	1155.34	0.038522	4.20	10.71	20.18	1.02
Smith Creek	SC-05	23910	148.00	1154.00	1155.72	1155.72	1156.15	0.032275	5.29	27.96	32.59	1.01
Smith Creek	SC-05	23910	294.00	1154.00	1156.27	1156.27	1156.83	0.024666	6.02	51.27	59.51	0.94
Smith Creek	SC-05	23910	789.00	1154.00	1157.34	1157.34	1157.96	0.014949	7.03	159.70	143.78	0.81
Smith Creek	SC-05	23910	1085.00	1154.00	1157.71	1157.71	1158.39	0.014407	7.62	218.79	173.23	0.82
Smith Creek	SC-05	23520	45.00	1141.50	1142.38	1142.35	1142.54	0.021413	3.53	16.96	50.76	0.79
Smith Creek	SC-05	23520	148.00	1141.50	1142.79	1142.79	1143.07	0.022878	5.13	45.99	88.33	0.88
Smith Creek	SC-05	23520	294.00	1141.50	1143.13	1143.13	1143.48	0.023128	6.22	80.99	118.76	0.93
Smith Creek	SC-05	23520	789.00	1141.50	1143.81	1143.81	1144.28	0.022248	7.98	182.59	179.97	0.98
Smith Creek	SC-05	23520	1095.00	1141.50	1144.21	1144.21	1144.65	0.018205	8.11	272.31	261.17	0.91
Smith Creek	SC-05	22820	45.00	1120.50	1121.06	1121.06	1121.27	0.056166	3.35	12.28	30.01	1.11
Smith Creek	SC-05	22820	148.00	1120.50	1121.55	1121.55	1121.89	0.046282	4.72	31.92	49.92	1.15
Smith Creek	SC-05	22820	294.00	1120.50	1121.96	1121.96	1122.40	0.043306	5.56	55.47	68.32	1.15
Smith Creek	SC-05	22820	789.00	1120.50	1122.80	1122.80	1123.45	0.029187	7.56	136.57	119.66	1.07
Smith Creek	SC-05	22820	1095.00	1120.50	1123.18	1123.18	1123.90	0.025468	8.14	184.88	140.29	1.03
Smith Creek	SC-05	22680	45.00	1112.00	1113.05	1113.03	1113.35	0.033215	4.34	10.36	16.69	0.97
Smith Creek	SC-05	22680	148.00	1112.00	1113.79	1113.79	1114.29	0.029771	5.64	26.26	26.30	0.99
Smith Creek	SC-05	22680	294.00	1112.00	1114.46	1114.46	1114.89	0.016212	5.61	69.62	97.04	0.79
Smith Creek	SC-05	22680	789.00	1112.00	1115.27	1115.27	1115.84	0.015678	7.29	169.92	150.19	0.83
Smith Creek	SC-05	22680	1095.00	1112.00	1115.59	1115.59	1116.24	0.016085	8.03	221.75	175.08	0.86
Smith Creek	SC-05	22420	45.00	1102.50	1103.88	1103.88	1104.23	0.034622	4.73	9.52	13.80	1.00
Smith Creek	SC-05	22420	148.00	1102.50	1104.71	1104.71	1105.38	0.024767	6.60	23.62	19.69	0.96
Smith Creek	SC-05	22420	294.00	1102.50	1105.52	1105.52	1106.45	0.020349	8.01	41.58	24.99	0.94
Smith Creek	SC-05	22420	789.00	1102.50	1107.29	1107.29	1108.73	0.018221	10.51	96.22	36.66	0.92
Smith Creek	SC-05	22420	1095.00	1102.50	1107.90	1107.90	1109.74	0.017772	12.09	119.96	40.70	0.99
Smith Creek	SC-05	22210	45.00	1094.00	1095.40	1095.01	1095.48	0.007692	2.39	18.85	25.02	0.48
Smith Creek	SC-05	22210	148.00	1094.00	1096.26		1096.42	0.006665	3.22	46.10	36.06	0.49
Smith Creek	SC-05	22210	294.00	1094.00	1097.08		1097.32	0.005076	3.89	77.33	39.47	0.47
Smith Creek	SC-05	22210	789.00	1094.00	1099.04		1099.45	0.003902	5.25	162.30	47.53	0.46
Smith Creek	SC-05	22210	1095.00	1094.00	1099.96		1100.46	0.003657	5.83	208.07	51.34	0.46
Smith Creek	SC-05	22137.5	45.00	1094.00	1094.78	1094.55	1094.91	0.011112	2.94	16.04	22.36	0.59
Smith Creek	SC-05	22137.5	148.00	1094.00	1095.47	1095.20	1095.83	0.013269	4.92	32.68	25.36	0.71
Smith Creek	SC-05	22137.5	294.00	1094.00	1095.93	1095.86	1096.70	0.020364	7.30	44.75	27.36	0.93
Smith Creek	SC-05	22137.5	789.00	1094.00	1097.45	1097.45	1098.89	0.018518	10.26	91.29	33.94	0.97
Smith Creek	SC-05	22137.5	1095.00	1094.00	1098.20	1098.20	1099.91	0.017300	11.31	118.14	37.21	0.97
Smith Creek	SC-05	22130										
Smith Creek	SC-05	22122.5	45.00	1088.00	1089.59	1089.32	1089.75	0.009032	3.77	17.47	23.39	0.58
Smith Creek	SC-05	22122.5	148.00	1088.00	1090.47	1090.14	1090.74	0.009154	5.33	42.78	30.76	0.63
Smith Creek	SC-05	22122.5	294.00	1088.00	1091.35	1090.70	1091.70	0.008216	6.30	70.43	32.19	0.63
Smith Creek	SC-05	22122.5	789.00	1088.00	1093.22		1093.90	0.008787	8.94	133.67	35.24	0.71
Smith Creek	SC-05	22122.5	1095.00	1088.00	1094.02		1094.91	0.008554	10.29	162.39	36.54	0.75
Smith Creek	SC-05	22037.5	45.00	1088.00	1088.78	1088.55	1088.91	0.010847	2.91	16.27	22.76	0.58
Smith Creek	SC-05	22037.5	148.00	1088.00	1089.50	1089.19	1089.83	0.012362	4.80	33.81	26.23	0.69
Smith Creek	SC-05	22037.5	294.00	1088.00	1090.00	1089.85	1090.69	0.017539	6.94	47.68	28.67	0.87
Smith Creek	SC-05	22037.5	789.00	1088.00	1091.43	1091.43	1092.80	0.018020	10.09	95.23	37.74	0.86
Smith Creek	SC-05	22037.5	1095.00	1088.00	1092.14	1092.14	1093.77	0.017288	11.18	123.42	42.54	0.97

HFC-RAS Plan: Imported Pla (Continued)

River	Reach	River Sta	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)	Profile # C/S
Smith Creek	SC-05	22030										
Smith Creek	SC-05	22022.5	45.00	1081.50	1082.98	1082.51	1083.09	0.006131	2.93	16.76	16.68	0.47
Smith Creek	SC-05	22022.5	148.00	1081.50	1083.69	1082.51	1084.15	0.012453	5.66	30.32	20.28	0.72
Smith Creek	SC-05	22022.5	294.00	1081.50	1084.22	1084.22	1085.20	0.019675	8.45	41.64	22.20	0.95
Smith Creek	SC-05	22022.5	789.00	1081.50	1089.04	1086.04	1087.78	0.018089	11.70	85.41	25.92	1.00
Smith Creek	SC-05	22022.5	1095.00	1081.50	1086.93	1086.93	1089.02	0.017375	13.00	108.19	27.73	1.01
Smith Creek	SC-05	21997.5	45.00	1082.00	1082.81	1082.52	1082.90	0.007849	2.54	18.68	25.18	0.50
Smith Creek	SC-05	21997.5	148.00	1082.00	1083.60	1083.12	1083.84	0.008034	4.05	40.19	29.26	0.56
Smith Creek	SC-05	21997.5	294.00	1082.00	1084.26	1083.74	1084.69	0.009400	5.51	60.60	32.67	0.65
Smith Creek	SC-05	21997.5	789.00	1082.00	1085.44	1085.22	1086.58	0.014885	9.18	102.73	38.76	0.87
Smith Creek	SC-05	21997.5	1095.00	1082.00	1085.92	1085.92	1087.51	0.017727	10.93	122.00	41.25	0.97
Smith Creek	SC-05	21990										
Smith Creek	SC-05	21982.5	45.00	1076.00	1076.70	1076.70	1077.03	0.037678	5.06	10.66	17.39	1.06
Smith Creek	SC-05	21982.5	148.00	1076.00	1077.49	1077.49	1078.12	0.028827	7.32	26.32	22.32	1.06
Smith Creek	SC-05	21982.5	294.00	1076.00	1078.27	1078.27	1079.14	0.024041	8.85	45.60	28.52	1.03
Smith Creek	SC-05	21982.5	789.00	1076.00	1079.94	1079.94	1081.41	0.020991	11.94	95.13	32.79	1.06
Smith Creek	SC-05	21982.5	1095.00	1076.00	1080.68	1080.68	1082.44	0.020625	13.26	119.60	33.79	1.08
Smith Creek	SC-05	21947.5	45.00	1074.00	1075.89	1074.90	1075.95	0.001738	2.11	28.59	22.20	0.27
Smith Creek	SC-05	21947.5	148.00	1074.00	1076.80	1075.80	1076.98	0.003859	4.08	50.93	26.00	0.43
Smith Creek	SC-05	21947.5	294.00	1074.00	1077.63	1076.59	1077.98	0.005378	5.72	73.60	28.13	0.53
Smith Creek	SC-05	21947.5	789.00	1074.00	1079.43	1078.30	1080.21	0.007805	9.01	131.96	35.86	0.68
Smith Creek	SC-05	21947.5	1095.00	1074.00	1080.20	1078.11	1081.23	0.008877	10.50	160.68	39.08	0.74
Smith Creek	SC-05	21940										
Smith Creek	SC-05	21932.5	45.00	1070.00	1070.61	1070.61	1070.91	0.034950	4.46	10.47	18.15	1.00
Smith Creek	SC-05	21932.5	148.00	1070.00	1071.34	1071.34	1071.96	0.026398	6.51	24.52	20.68	0.99
Smith Creek	SC-05	21932.5	294.00	1070.00	1072.09	1072.09	1073.01	0.022100	8.01	40.99	23.11	0.98
Smith Creek	SC-05	21932.5	789.00	1070.00	1073.80	1073.80	1075.53	0.019359	11.19	82.54	25.40	1.01
Smith Creek	SC-05	21932.5	1095.00	1070.00	1074.67	1074.67	1078.77	0.018122	12.42	105.20	26.56	1.01
Smith Creek	SC-05	21830	45.00	1065.50	1067.42		1067.42	0.000119	0.51	127.32	91.98	0.07
Smith Creek	SC-05	21830	148.00	1065.50	1068.68		1068.67	0.000159	0.85	244.10	98.32	0.09
Smith Creek	SC-05	21830	294.00	1065.50	1069.72		1069.73	0.000204	1.18	347.71	100.01	0.10
Smith Creek	SC-05	21830	789.00	1065.50	1072.07		1072.10	0.000278	1.87	592.59	108.25	0.13
Smith Creek	SC-05	21830	1095.00	1065.50	1073.19		1073.23	0.000288	2.17	715.98	112.16	0.14
Smith Creek	SC-05	21710	45.00	1065.50	1067.26		1067.39	0.005309	3.14	17.57	16.79	0.45
Smith Creek	SC-05	21710	148.00	1065.50	1068.28		1068.61	0.007327	5.23	38.41	23.11	0.58
Smith Creek	SC-05	21710	294.00	1065.50	1069.07	1068.56	1069.64	0.009580	7.15	57.80	28.19	0.89
Smith Creek	SC-05	21710	789.00	1065.50	1070.50	1070.36	1071.92	0.015963	11.73	99.35	31.81	0.95
Smith Creek	SC-05	21710	1095.00	1065.50	1071.21	1071.21	1073.01	0.017493	13.47	122.66	34.56	1.02
Smith Creek	SC-04	21540	48.00	1064.00	1065.12	1065.12	1065.40	0.038711	4.29	11.19	20.07	1.01
Smith Creek	SC-04	21540	156.00	1064.00	1065.78	1065.78	1066.24	0.033310	5.44	28.67	32.12	1.02
Smith Creek	SC-04	21540	310.00	1064.00	1066.36	1066.36	1066.95	0.029765	6.20	50.20	43.55	1.01
Smith Creek	SC-04	21540	837.00	1064.00	1067.51	1067.51	1068.38	0.025348	7.46	114.28	67.87	0.99
Smith Creek	SC-04	21540	1177.00	1064.00	1068.00	1068.00	1068.98	0.024570	8.02	150.18	78.26	1.00
Smith Creek	SC-04	20980	76.00	1040.00	1041.29	1041.12	1041.49	0.018471	3.63	20.94	28.49	0.75
Smith Creek	SC-04	20980	248.00	1040.00	1041.99	1041.99	1042.45	0.024703	5.45	45.47	41.76	0.92
Smith Creek	SC-04	20980	486.00	1040.00	1042.54	1042.46	1043.25	0.021981	6.76	69.39	44.02	0.93
Smith Creek	SC-04	20980	1221.00	1040.00	1043.87	1043.87	1045.29	0.020280	9.64	131.09	48.96	0.99
Smith Creek	SC-04	20980	1718.00	1040.00	1044.62	1044.62	1046.36	0.018576	10.71	188.68	51.74	0.98
Smith Creek	SC-04	20130	76.00	1022.00	1023.12		1023.36	0.026057	3.93	19.33	30.40	0.87
Smith Creek	SC-04	20130	248.00	1022.00	1023.85	1023.78	1024.30	0.019424	4.75	52.25	49.72	0.82
Smith Creek	SC-04	20130	466.00	1022.00	1024.38	1024.28	1024.99	0.021984	6.27	74.52	52.57	0.92
Smith Creek	SC-04	20130	1221.00	1022.00	1025.53	1025.53	1026.80	0.021229	9.09	137.71	57.36	0.99
Smith Creek	SC-04	20130	1718.00	1022.00	1026.21	1026.21	1027.75	0.019069	10.05	177.62	60.19	0.98
Smith Creek	SC-04	19630	76.00	1010.00	1011.11		1011.31	0.022322	3.65	20.83	32.66	0.80
Smith Creek	SC-04	19630	248.00	1010.00	1011.70	1011.70	1012.18	0.031026	5.66	44.57	47.47	1.01
Smith Creek	SC-04	19630	466.00	1010.00	1012.22	1012.22	1012.87	0.026822	6.46	72.39	57.80	0.99
Smith Creek	SC-04	19630	1221.00	1010.00	1013.42	1013.42	1014.54	0.019934	8.59	150.89	73.09	0.96
Smith Creek	SC-04	19630	1718.00	1010.00	1014.05	1014.05	1015.37	0.017877	9.44	199.25	80.77	0.94
Smith Creek	SC-03	19380	62.00	1003.00	1004.09	1004.09	1004.39	0.035863	4.38	14.21	25.83	1.01
Smith Creek	SC-03	19380	265.00	1003.00	1005.04	1005.04	1005.65	0.022166	6.54	46.85	43.04	0.93
Smith Creek	SC-03	19380	522.00	1003.00	1005.78	1005.78	1006.60	0.018914	7.86	84.00	56.68	0.92
Smith Creek	SC-03	19380	1239.00	1003.00	1007.13	1007.13	1008.27	0.016248	9.91	176.51	81.25	0.92
Smith Creek	SC-03	19380	2065.00	1003.00	1008.16	1008.16	1009.56	0.015471	11.43	270.27	100.21	0.93
Smith Creek	SC-03	19300	62.00	1000.00	1001.50	1001.27	1001.66	0.014299	3.24	19.11	25.49	0.66
Smith Creek	SC-03	19300	265.00	1000.00	1002.43	1002.24	1002.89	0.017141	5.45	49.17	37.30	0.80
Smith Creek	SC-03	19300	522.00	1000.00	1005.16		1005.32	0.001536	3.33	187.03	70.13	0.29

HFC-RAS Plan: Imported Pla (Continued)

River	Reach	River Sta	Q Total (cfs)	Min Ch Elev (ft)	W.S. Elev (ft)	Cut W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flw Area (sq ft)	Top Width (ft)	Froude # Ch
Smith Creek	SC-03	19300	1239.00	1000.00	1004.43	1004.43	1005.88	0.017883	9.95	140.81	57.19	0.95
Smith Creek	SC-03	19300	2065.00	1000.00	1005.79	1005.79	1007.46	0.013921	11.02	234.52	81.27	0.89
Smith Creek	SC-03	19090	62.00	996.00	996.87	996.87	997.12	0.037403	4.04	15.34	30.24	1.00
Smith Creek	SC-03	19090	265.00	996.00	997.66	997.66	998.13	0.031566	5.48	48.38	53.21	1.01
Smith Creek	SC-03	19090	522.00	996.00	1005.24		1005.25	0.000035	0.80	805.49	132.25	0.05
Smith Creek	SC-03	19090	1239.00	996.00	1003.46		1003.55	0.000503	2.58	577.57	122.83	0.18
Smith Creek	SC-03	19090	2065.00	996.00	1005.79		1005.90	0.000430	2.92	878.59	135.13	0.17
Smith Creek	SC-03	18880	62.00	990.00	993.23		993.26	0.000648	1.56	44.76	22.60	0.17
Smith Creek	SC-03	18880	265.00	990.00	997.65		997.69	0.000261	1.82	191.99	43.98	0.13
Smith Creek	SC-03	18880	522.00	990.00	1005.23		1005.24	0.000049	1.35	734.70	134.78	0.06
Smith Creek	SC-03	18880	1239.00	990.00	1003.27		1003.43	0.000511	3.97	524.89	85.96	0.20
Smith Creek	SC-03	18880	2065.00	990.00	1005.53		1005.77	0.000690	5.14	776.71	143.83	0.23
Smith Creek	SC-03	18840	62.00	990.00	993.22	990.89	993.25	0.000424	1.48	41.83	29.09	0.15
Smith Creek	SC-03	18840	265.00	990.00	997.57	992.34	997.68	0.000448	2.69	98.38	50.84	0.17
Smith Creek	SC-03	18840	522.00	990.00	1005.23	993.67	1005.24	0.000027	1.01	886.75	151.26	0.05
Smith Creek	SC-03	18840	1239.00	990.00	1002.42	996.56	1003.33	0.001879	7.68	161.42	88.68	0.38
Smith Creek	SC-03	18840	2065.00	990.00	1005.58	999.22	1005.73	0.000379	3.83	941.20	163.70	0.17
Smith Creek	SC-03	18800	Culvert									
Smith Creek	SC-03	18752.5	62.00	987.00	988.39	988.39	988.84	0.030891	5.34	11.61	15.36	1.00
Smith Creek	SC-03	18752.5	265.00	987.00	989.85	989.85	991.02	0.022339	8.66	30.59	24.12	1.00
Smith Creek	SC-03	18752.5	522.00	987.00	991.18	991.18	993.03	0.019433	10.90	47.90	32.35	1.00
Smith Creek	SC-03	18752.5	1239.00	987.00	994.06	994.06	997.34	0.016004	14.53	85.29	50.18	1.00
Smith Creek	SC-03	18752.5	2065.00	987.00	996.72	996.72	1001.33	0.014321	17.24	119.81	66.64	1.00
Smith Creek	SC-03	18490	62.00	979.00	981.19	980.73	981.34	0.005812	3.50	24.76	26.99	0.47
Smith Creek	SC-03	18490	265.00	979.00	982.72	982.03	982.97	0.005229	5.11	83.04	45.87	0.50
Smith Creek	SC-03	18490	522.00	979.00	983.82		984.14	0.005140	8.16	138.37	54.80	0.52
Smith Creek	SC-03	18490	1239.00	979.00	986.05		986.47	0.004353	7.47	280.30	72.79	0.51
Smith Creek	SC-03	18490	2065.00	979.00	987.93		988.41	0.003752	8.21	428.60	84.79	0.50
Smith Creek	SC-02	18210	63.00	977.00	978.34	978.22	978.81	0.019941	4.14	15.41	19.40	0.79
Smith Creek	SC-02	18210	265.00	977.00	979.37	979.37	980.23	0.022984	7.56	37.52	23.60	0.97
Smith Creek	SC-02	18210	513.00	977.00	980.36	980.36	981.58	0.019224	9.17	62.92	27.78	0.96
Smith Creek	SC-02	18210	1219.00	977.00	982.33	982.33	984.22	0.015881	11.83	126.38	36.57	0.95
Smith Creek	SC-02	18210	2036.00	977.00	984.00	984.00	986.39	0.014305	13.67	193.49	44.00	0.95
Smith Creek	SC-02	17820	63.00	967.00	968.07	968.07	968.35	0.036222	4.29	14.71	26.38	1.00
Smith Creek	SC-02	17820	265.00	967.00	968.97	968.97	969.67	0.025168	6.76	40.97	31.59	0.98
Smith Creek	SC-02	17820	513.00	967.00	969.78	969.76	970.77	0.020516	8.17	68.37	36.23	0.95
Smith Creek	SC-02	17820	1219.00	967.00	973.39		973.95	0.003656	6.50	229.39	51.35	0.47
Smith Creek	SC-02	17820	2036.00	967.00	976.82		977.27	0.001762	6.13	559.02	229.09	0.35
Smith Creek	SC-02	17645	63.00	965.00	966.12	965.53	966.18	0.002949	1.94	32.54	43.73	0.32
Smith Creek	SC-02	17645	265.00	965.00	967.92	966.37	968.08	0.002143	3.13	84.78	54.54	0.32
Smith Creek	SC-02	17645	513.00	965.00	969.54	967.13	969.79	0.001851	3.90	131.69	60.39	0.32
Smith Creek	SC-02	17645	1219.00	965.00	973.10	968.79	973.52	0.001518	5.19	234.94	106.95	0.32
Smith Creek	SC-02	17645	2036.00	965.00	976.40	970.33	976.99	0.001354	6.16	330.72	209.88	0.32
Smith Creek	SC-02	17810	Culvert									
Smith Creek	SC-02	17575	65.00	964.00	964.60	964.60	964.89	0.034856	4.36	14.89	30.06	1.00
Smith Creek	SC-02	17575	270.00	964.00	965.53	965.53	966.30	0.025706	7.04	38.35	38.04	1.00
Smith Creek	SC-02	17575	504.00	964.00	966.33	966.33	967.49	0.022206	8.65	58.27	60.89	1.00
Smith Creek	SC-02	17575	1240.00	964.00	968.25	968.25	970.38	0.018116	11.68	106.30	82.45	1.00
Smith Creek	SC-02	17575	2019.00	964.00	969.87	969.87	972.81	0.016365	13.75	146.83	95.02	1.00
Smith Creek	SC-02	17450	65.00	958.00	959.84	959.77	960.23	0.026557	4.98	13.05	14.19	0.91
Smith Creek	SC-02	17450	270.00	958.00	961.14	961.14	961.92	0.026610	7.11	37.95	24.19	1.00
Smith Creek	SC-02	17450	504.00	958.00	962.02	962.02	963.04	0.024826	8.08	62.40	31.01	1.00
Smith Creek	SC-02	17450	1240.00	958.00	963.77	963.77	965.22	0.021837	9.67	128.22	44.46	1.00
Smith Creek	SC-02	17450	2019.00	958.00	965.01	965.01	966.77	0.020525	10.67	189.17	54.00	1.00
Smith Creek	SC-02	16970	65.00	948.00	949.39	949.23	949.59	0.018677	3.53	18.41	26.45	0.75
Smith Creek	SC-02	16970	270.00	948.00	950.46	950.15	950.82	0.013856	4.82	56.00	40.13	0.72
Smith Creek	SC-02	16970	504.00	948.00	951.29		951.77	0.010923	5.54	90.98	43.98	0.88
Smith Creek	SC-02	16970	1240.00	948.00	952.99		953.80	0.009917	7.19	172.41	51.84	0.69
Smith Creek	SC-02	16970	2019.00	948.00	954.19		955.31	0.010373	8.49	237.91	57.39	0.73
Smith Creek	SC-02	16500	65.00	940.00	942.06	941.73	942.26	0.012924	3.76	17.31	16.77	0.65
Smith Creek	SC-02	16500	270.00	940.00	943.40	943.07	943.91	0.015662	5.75	46.97	27.63	0.78
Smith Creek	SC-02	16500	504.00	940.00	944.10	943.94	944.95	0.020103	7.40	68.45	33.28	0.91
Smith Creek	SC-02	16500	1240.00	940.00	945.65	945.65	947.07	0.021868	9.56	129.71	45.91	1.00
Smith Creek	SC-02	16500	2019.00	940.00	946.87	946.87	948.59	0.020488	10.54	191.59	55.80	1.00
Smith Creek	SC-02	15790	65.00	926.00	927.14	927.14	927.43	0.036741	4.34	14.97	26.24	1.01
Smith Creek	SC-02	15780	270.00	926.00	928.01	928.01	928.53	0.031026	5.83	46.33	46.11	1.02

HEC-RAS Plan: Imported Pla (Continued)

River	Reach	River Sta.	Q Total (cfs)	Min Ch El (ft)	W.S. Elev. (ft)	Crit W.S. (ft)	E.G. Elev. (ft)	E.G. Slope (ft/m)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chnl
Smith Creek	SC-02	15780	504.00	926.00	928.58	928.56	929.31	0.023603	6.87	75.48	55.44	0.96
Smith Creek	SC-02	15780	1240.00	926.00	930.33		931.09	0.009878	7.30	197.31	83.10	0.70
Smith Creek	SC-02	15780	2019.00	926.00	931.34		932.33	0.009603	8.58	287.78	97.04	0.73
Smith Creek	SC-02	15820	65.00	922.00	926.24	923.67	926.25	0.000181	0.86	87.84	42.50	0.09
Smith Creek	SC-02	15820	270.00	922.00	927.63	925.39	927.89	0.000731	2.12	157.38	57.16	0.19
Smith Creek	SC-02	15820	504.00	922.00	928.45	926.01	928.57	0.001290	3.08	208.22	67.70	0.26
Smith Creek	SC-02	15820	1240.00	922.00	929.84	927.47	930.16	0.002893	5.20	316.40	88.17	0.40
Smith Creek	SC-02	15820	2019.00	922.00	930.52	928.88	931.11	0.004950	7.17	379.28	98.13	0.53
Smith Creek	SC-02	15900	Culvert									
Smith Creek	SC-02	15590	66.00	920.50	922.04	922.00	922.50	0.027115	5.41	12.19	20.97	0.95
Smith Creek	SC-02	15580	260.00	920.50	923.43	923.43	924.59	0.028954	8.63	30.11	39.63	1.00
Smith Creek	SC-02	15580	495.00	920.50	926.00	926.00	926.09	0.001408	2.41	205.39	74.69	0.26
Smith Creek	SC-02	15580	1250.00	920.50	926.01	926.01	926.58	0.008915	6.07	205.94	74.79	0.64
Smith Creek	SC-02	15580	1891.00	920.50	926.01	926.01	927.32	0.020402	9.18	205.94	74.79	0.98
Smith Creek	SC-02	15120	66.00	910.00	911.19	911.07	911.37	0.021001	3.38	19.55	32.79	0.77
Smith Creek	SC-02	15120	260.00	910.00	911.94	911.85	912.33	0.024508	5.04	51.58	53.26	0.90
Smith Creek	SC-02	15120	495.00	910.00	912.39	912.37	913.03	0.026141	6.45	76.72	57.27	0.98
Smith Creek	SC-02	15120	1250.00	910.00	913.53	913.53	914.67	0.022873	8.57	145.84	63.97	1.00
Smith Creek	SC-02	15120	1891.00	910.00	914.29	914.29	915.73	0.021266	9.62	196.62	68.48	1.00
Smith Creek	SC-02	14610	66.00	896.00	897.28	897.28	897.61	0.035616	4.61	14.33	22.39	1.01
Smith Creek	SC-02	14610	260.00	896.00	898.20	898.20	898.79	0.028581	6.14	42.38	37.44	1.02
Smith Creek	SC-02	14610	495.00	896.00	898.86	898.86	899.65	0.026355	7.10	69.72	45.37	1.01
Smith Creek	SC-02	14610	1250.00	896.00	900.25	900.25	901.42	0.022593	8.66	144.37	82.05	1.00
Smith Creek	SC-02	14610	1891.00	896.00	901.08	901.08	902.47	0.021446	9.48	199.46	71.92	1.00
Smith Creek	SC-02	13900	66.00	878.00	879.37	878.99	879.44	0.006832	2.12	31.11	45.31	0.45
Smith Creek	SC-02	13900	260.00	878.00	880.19	879.72	880.36	0.008065	3.30	78.72	66.76	0.54
Smith Creek	SC-02	13900	495.00	878.00	880.72	880.19	881.01	0.008721	4.31	114.74	68.88	0.59
Smith Creek	SC-02	13900	1250.00	878.00	881.92	881.53	882.53	0.009592	6.24	200.27	73.65	0.67
Smith Creek	SC-02	13900	1891.00	878.00	882.69	882.69	883.52	0.010056	7.34	257.67	78.69	0.71
Smith Creek	SC-02	13550	66.00	875.00	875.78	875.78	875.98	0.041770	3.60	18.31	46.88	1.02
Smith Creek	SC-02	13550	260.00	875.00	876.33	876.33	876.75	0.032331	5.21	50.05	61.73	1.01
Smith Creek	SC-02	13550	495.00	875.00	876.78	876.78	877.41	0.027751	6.40	78.15	64.07	1.00
Smith Creek	SC-02	13550	1250.00	875.00	877.85	877.85	878.97	0.022495	8.55	150.10	69.72	1.00
Smith Creek	SC-02	13550	1891.00	875.00	878.59	878.59	880.01	0.020255	9.65	203.14	73.61	0.99
Smith Creek	SC-02	13120	66.00	868.00	871.41		871.41	0.000017	0.23	283.56	126.88	0.03
Smith Creek	SC-02	13120	260.00	868.00	874.30		874.30	0.000018	0.38	687.08	151.49	0.03
Smith Creek	SC-02	13120	495.00	868.00	874.87		874.88	0.000044	0.64	774.72	154.36	0.05
Smith Creek	SC-02	13120	1250.00	868.00	876.17		876.20	0.000137	1.28	979.82	160.87	0.09
Smith Creek	SC-02	13120	1891.00	868.00	876.93		876.98	0.000218	1.71	1103.23	164.66	0.12
Smith Creek	SC-02	12950	66.00	867.40	871.41	867.74	871.41	0.000011	0.28	236.37	131.29	0.02
Smith Creek	SC-02	12950	260.00	867.40	874.30	868.24	874.30	0.000012	0.31	836.08	183.45	0.03
Smith Creek	SC-02	12950	495.00	867.40	874.87	868.70	874.87	0.000031	0.52	943.64	193.74	0.04
Smith Creek	SC-02	12950	1250.00	867.40	876.16	869.80	876.18	0.000100	1.03	1209.15	217.84	0.08
Smith Creek	SC-02	12950	1891.00	867.40	876.91	870.56	876.94	0.000158	1.37	1379.43	235.07	0.10
Smith Creek	SC-02	12820	Culvert									
Smith Creek	SC-02	12870	70.00	864.00	864.96	864.96	865.45	0.030382	5.60	12.49	27.85	1.01
Smith Creek	SC-02	12870	270.00	864.00	866.38	866.38	867.56	0.021903	8.72	30.97	49.83	1.00
Smith Creek	SC-02	12870	514.00	864.00	867.65	867.65	869.47	0.019174	10.84	47.43	69.40	1.00
Smith Creek	SC-02	12870	1301.00	864.00	873.50	873.50	873.54	0.000212	1.65	865.07	193.25	0.11
Smith Creek	SC-02	12870	1989.00	864.00	873.51	873.51	873.60	0.000493	2.51	866.51	193.48	0.18
Smith Creek	SC-02	12590	70.00	854.00	855.00	855.00	855.25	0.038018	4.04	17.34	34.84	1.01
Smith Creek	SC-02	12590	270.00	854.00	855.75	855.70	856.14	0.027836	5.03	53.63	61.27	0.95
Smith Creek	SC-02	12590	514.00	854.00	856.31		856.60	0.020609	5.59	92.01	71.64	0.87
Smith Creek	SC-02	12590	1301.00	854.00	857.61		858.34	0.013516	6.86	189.60	78.51	0.78
Smith Creek	SC-02	12590	1989.00	854.00	858.48		859.39	0.012011	7.66	259.61	83.08	0.76
Smith Creek	SC-02	12390	70.00	850.00	851.48	851.16	851.60	0.010052	2.70	25.88	34.88	0.55
Smith Creek	SC-02	12390	270.00	850.00	852.34	851.99	852.62	0.011964	4.25	63.55	49.49	0.66
Smith Creek	SC-02	12390	514.00	850.00	852.88	852.55	853.37	0.014408	5.63	91.25	53.39	0.76
Smith Creek	SC-02	12390	1301.00	850.00	853.97	853.86	855.09	0.019551	8.46	153.84	61.30	0.94
Smith Creek	SC-02	12390	1989.00	850.00	854.72	854.72	856.23	0.020829	9.87	201.59	66.71	1.00
Smith Creek	SC-01	12150	72.00	847.00	847.68	847.63	847.80	0.028535	2.72	26.48	77.82	0.82
Smith Creek	SC-01	12150	278.00	847.00	848.08	848.08	848.34	0.028873	4.10	73.74	165.76	0.91
Smith Creek	SC-01	12150	526.00	847.00	848.38	848.38	848.71	0.026644	5.01	119.05	168.18	0.93
Smith Creek	SC-01	12150	1335.00	847.00	848.96	848.96	849.60	0.025464	6.90	222.08	173.56	0.99
Smith Creek	SC-01	12150	2025.00	847.00	849.37	849.37	850.21	0.024332	7.93	294.04	177.23	1.01
Smith Creek	SC-01	11870	72.00	838.00	839.29	839.29	839.62	0.029641	4.64	16.48	29.39	0.95

HEC-RAS Plan Imported Pla (Continued)

River	Reach	River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/m)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Ch
Smith Creek	SC-01	11870	278.00	838.00	840.18	840.18	840.68	0.021779	6.26	56.58	58.33	0.91
Smith Creek	SC-01	11870	528.00	838.00	840.74	840.74	841.43	0.020983	7.82	92.13	68.79	0.94
Smith Creek	SC-01	11870	1335.00	838.00	842.03	842.03	843.04	0.017880	9.76	196.41	92.60	0.94
Smith Creek	SC-01	11870	2025.00	838.00	842.70	842.70	843.98	0.018280	11.16	260.44	97.49	0.98
Smith Creek	SC-01	11440	72.00	832.00	832.84	832.59	832.89	0.005882	1.78	45.92	112.04	0.41
Smith Creek	SC-01	11440	278.00	832.00	833.43	833.06	833.53	0.005585	2.76	137.45	198.03	0.45
Smith Creek	SC-01	11440	526.00	832.00	833.82	833.39	833.96	0.005915	3.44	224.84	251.25	0.48
Smith Creek	SC-01	11440	1335.00	832.00	834.59	834.09	834.79	0.006049	4.52	435.02	281.71	0.52
Smith Creek	SC-01	11440	2025.00	832.00	835.07	834.40	835.32	0.006091	5.14	570.80	286.35	0.54
Smith Creek	SC-01	10250	72.00	819.00	820.02	819.93	820.19	0.023191	3.27	22.05	43.23	0.80
Smith Creek	SC-01	10250	278.00	819.00	820.62	820.62	821.07	0.024188	5.54	58.81	73.24	0.92
Smith Creek	SC-01	10250	526.00	819.00	821.14	821.14	821.71	0.020276	6.52	101.06	99.07	0.90
Smith Creek	SC-01	10250	1335.00	819.00	822.15	822.15	822.97	0.017704	8.41	227.51	150.97	0.91
Smith Creek	SC-01	10250	2025.00	819.00	822.75	822.75	823.70	0.016677	9.35	328.63	184.88	0.91
Smith Creek	SC-01	10000	75.00	812.00	812.74	812.74	812.98	0.038339	3.97	18.90	39.28	1.01
Smith Creek	SC-01	10000	284.00	812.00	813.69	813.42	813.93	0.014099	3.87	73.35	74.84	0.69
Smith Creek	SC-01	10000	526.00	812.00	814.11	813.88	814.45	0.015273	4.73	131.01	297.69	0.75
Smith Creek	SC-01	10000	1352.00	812.00	814.70	814.70	815.16	0.015786	6.22	313.53	322.42	0.81
Smith Creek	SC-01	10000	2040.00	812.00	815.01	815.01	815.58	0.017071	7.18	415.40	335.43	0.86
Smith Creek	SC-01	8000	75.00	766.69	766.44	766.44	766.54	0.086429		28.46	130.71	0.00
Smith Creek	SC-01	8000	284.00	766.69	766.74	766.74	768.93	0.074830	0.74	81.67	223.09	0.85
Smith Creek	SC-01	8000	526.00	766.69	766.94	766.94	767.18	0.067829	2.17	134.94	292.65	1.07
Smith Creek	SC-01	8000	1352.00	766.69	767.36	767.36	767.71	0.060371	4.16	288.03	428.00	1.21
Smith Creek	SC-01	8000	2040.00	766.69	767.59	767.59	768.02	0.055837	5.51	386.69	464.69	1.26
Smith Creek	SC-01	7378	75.00	762.00	762.83		762.83	0.000037	0.18	424.95	517.59	0.03
Smith Creek	SC-01	7378	284.00	762.00	763.85		763.89	0.000036	0.30	961.97	528.24	0.04
Smith Creek	SC-01	7378	526.00	762.00	764.66		764.66	0.000037	0.38	1390.54	533.87	0.04
Smith Creek	SC-01	7378	1352.00	762.00	766.19		766.19	0.000052	0.61	2212.92	543.39	0.05
Smith Creek	SC-01	7378	2040.00	762.00	767.12		767.12	0.000061	0.75	2719.49	549.17	0.06
Smith Creek	SC-01	7310	81.00	762.00	762.54	762.54	762.79	0.035716	4.12	20.59	41.65	0.99
Smith Creek	SC-01	7310	296.00	762.00	763.24	763.24	763.79	0.028665	6.21	52.70	50.29	0.98
Smith Creek	SC-01	7310	540.00	762.00	763.80	763.80	764.58	0.023142	7.44	83.27	57.32	0.98
Smith Creek	SC-01	7310	1357.00	762.00	765.12	765.12	766.09	0.016215	8.99	208.15	112.92	0.90
Smith Creek	SC-01	7310	2084.00	762.00	765.82	765.82	766.99	0.016041	10.22	292.42	127.44	0.92
Smith Creek	SC-01	7242	74.00	754.00	754.98		755.02	0.005914	1.58	46.75	94.99	0.40
Smith Creek	SC-01	7242	284.00	754.00	755.56		755.65	0.007431	2.41	117.68	150.70	0.48
Smith Creek	SC-01	7242	543.00	754.00	755.97		756.10	0.007940	2.91	188.84	189.80	0.52
Smith Creek	SC-01	7242	1367.00	754.00	756.67		756.95	0.008321	4.24	325.45	203.79	0.58
Smith Creek	SC-01	7242	2028.00	754.00	757.06		757.46	0.008934	5.06	407.35	210.19	0.62
Smith Creek	SC-01	7175	74.00	753.00	754.20	754.20	754.32	0.022099	3.48	37.56	149.39	0.79
Smith Creek	SC-01	7175	284.00	753.00	754.51	754.51	754.73	0.034131	5.04	86.98	169.92	1.02
Smith Creek	SC-01	7175	543.00	753.00	754.76	754.76	755.07	0.039138	5.95	130.01	185.96	1.12
Smith Creek	SC-01	7175	1367.00	753.00	755.28	755.28	755.85	0.042133	7.77	235.33	211.91	1.23
Smith Creek	SC-01	7175	2028.00	753.00	755.64	755.64	756.34	0.038361	8.57	314.37	224.53	1.22
Smith Creek	SC-01	6600	74.00	736.00	737.56		737.85	0.024622	4.35	16.99	21.81	0.87
Smith Creek	SC-01	6600	284.00	736.00	738.61	738.61	738.97	0.013748	5.28	80.32	143.93	0.73
Smith Creek	SC-01	6600	543.00	736.00	739.04	739.04	739.44	0.013424	6.12	160.99	226.84	0.75
Smith Creek	SC-01	6600	1367.00	736.00	739.71	739.71	740.20	0.015140	7.85	356.14	354.69	0.84
Smith Creek	SC-01	6600	2028.00	736.00	740.08	740.08	740.58	0.014875	8.47	498.55	415.83	0.85
Smith Creek	SC-01	6000	74.00	722.00	723.55	723.42	723.81	0.022116	4.11	17.99	23.23	0.82
Smith Creek	SC-01	6000	284.00	722.00	724.53	724.53	725.00	0.017189	5.72	61.77	89.36	0.81
Smith Creek	SC-01	6000	543.00	722.00	725.12	725.12	725.60	0.013981	6.39	132.78	154.34	0.77
Smith Creek	SC-01	6000	1367.00	722.00	725.99	725.99	726.59	0.013892	8.03	311.52	252.35	0.82
Smith Creek	SC-01	6000	2028.00	722.00	726.40	726.40	727.05	0.014258	8.85	424.28	307.12	0.85
Smith Creek	SC-01	5601	74.00	712.00	712.82	712.80	713.10	0.033836	4.25	17.43	29.72	0.98
Smith Creek	SC-01	5601	284.00	712.00	713.68	713.63	714.16	0.027982	5.72	46.65	46.96	0.98
Smith Creek	SC-01	5601	543.00	712.00	714.37	714.37	714.76	0.014102	5.38	137.93	201.39	0.75
Smith Creek	SC-01	5601	1367.00	712.00	715.05	715.05	715.62	0.015833	7.19	286.70	240.14	0.84
Smith Creek	SC-01	5601	2028.00	712.00	715.46		716.11	0.015872	7.99	389.91	283.70	0.88
Smith Creek	SC-01	5519	81.00	709.00	709.98	709.98	710.40	0.032294	5.19	15.65	18.89	1.00
Smith Creek	SC-01	5519	296.00	709.00	711.12	711.12	711.90	0.026742	7.12	41.59	26.82	1.01
Smith Creek	SC-01	5519	539.00	709.00	711.94	711.94	712.97	0.024645	8.15	66.10	32.59	1.01
Smith Creek	SC-01	5519	1359.00	709.00	713.75	713.75	714.47	0.010000	7.90	287.76	218.65	0.71
Smith Creek	SC-01	5519	2073.00	709.00	714.32	714.32	715.08	0.010068	8.71	427.39	259.52	0.73
Smith Creek	SC-01	4882	81.00	698.00	700.91	699.12	701.00	0.001182	2.32	34.97	474.95	0.24
Smith Creek	SC-01	4882	296.00	698.00	701.00	701.00	701.01	0.000423	1.23	501.08	477.00	0.14
Smith Creek	SC-01	4882	539.00	698.00	701.01	701.01	701.04	0.001374	2.22	504.58	477.18	0.25
Smith Creek	SC-01	4882	1359.00	698.00	701.03	701.01	701.20	0.008148	5.44	516.41	477.77	0.60

HEC-RAS Plan Imported Pla (Continued)

River	Reach	River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.C. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chnl
Smith Creek	SC-01	4822	2073.00	698.00	701.40	701.02	701.59	0.007703	5.79	693.43	486.59	0.60
Smith Creek	SC-01	4828										
Smith Creek	SC-01	4830	81.00	696.00	697.61	697.12	697.88	0.008504	4.19	19.35	197.41	0.58
Smith Creek	SC-01	4830	296.00	696.00	698.67	698.67	700.00	0.021048	9.23	32.08	465.87	0.99
Smith Creek	SC-01	4830	539.00	696.00	701.00	701.00	701.00	0.000030	0.49	1720.78	522.50	0.04
Smith Creek	SC-01	4830	1359.00	696.00	701.01	701.01	701.02	0.000190	1.22	1724.87	522.62	0.10
Smith Creek	SC-01	4830	2073.00	696.00	701.01	701.01	701.03	0.000442	1.86	1724.67	522.62	0.15
Smith Creek	SC-01	4770	81.00	696.00	696.65	696.65	696.81	0.044396	3.28	24.70	76.30	1.02
Smith Creek	SC-01	4770	296.00	696.00	697.09	697.09	697.36	0.037495	4.21	70.28	131.48	1.01
Smith Creek	SC-01	4770	539.00	696.00	697.39	697.38	697.73	0.033199	4.66	115.65	169.61	0.99
Smith Creek	SC-01	4770	1359.00	696.00	698.00	698.00	698.49	0.029397	5.60	242.76	246.85	0.99
Smith Creek	SC-01	4770	2073.00	696.00	698.35	698.35	698.82	0.023442	6.13	358.08	344.16	0.93
Smith Creek	SC-01	4340	81.00	684.00	686.19	685.76	686.38	0.010023	3.47	23.37	21.32	0.58
Smith Creek	SC-01	4340	296.00	684.00	687.29	687.00	687.75	0.013171	5.53	59.78	56.03	0.73
Smith Creek	SC-01	4340	539.00	684.00	687.88	687.83	688.51	0.014889	6.77	101.79	85.83	0.80
Smith Creek	SC-01	4340	1359.00	684.00	689.12	689.12	689.67	0.011698	7.41	339.28	314.49	0.75
Smith Creek	SC-01	4340	2073.00	684.00	689.53	689.53	690.14	0.013176	8.31	485.58	396.46	0.80
Smith Creek	SC-01	3990	85.00	680.00	680.93	680.93	681.12	0.025879	3.88	30.52	90.24	0.86
Smith Creek	SC-01	3990	304.00	680.00	681.40	681.40	681.68	0.028658	5.36	89.80	162.55	0.95
Smith Creek	SC-01	3990	548.00	680.00	681.69	681.69	682.03	0.027592	6.21	143.45	207.27	1.00
Smith Creek	SC-01	3990	1392.00	680.00	682.26	682.26	682.77	0.028755	7.93	284.57	271.52	1.07
Smith Creek	SC-01	3990	2088.00	680.00	682.59	682.59	683.21	0.028496	8.89	377.76	292.18	1.10
Smith Creek	SC-01	3390.5	85.00	664.00	665.40	664.57	665.44	0.001782	1.74	48.84	44.07	0.26
Smith Creek	SC-01	3390.5	304.00	664.00	667.26	665.32	667.37	0.001342	2.66	114.22	54.95	0.28
Smith Creek	SC-01	3390.5	548.00	664.00	668.83	665.96	669.00	0.001178	3.24	169.17	63.58	0.28
Smith Creek	SC-01	3390.5	1392.00	664.00	673.00	667.85	673.30	0.000957	4.42	314.94	238.43	0.26
Smith Creek	SC-01	3390.5	2088.00	664.00	675.79	668.80	676.19	0.000875	5.06	412.70	297.81	0.26
Smith Creek	SC-01	3266.5										
Smith Creek	SC-01	3266.5	85.00	660.00	660.57	660.57	660.85	0.035953	4.29	19.83	38.97	1.00
Smith Creek	SC-01	3266.5	304.00	660.00	661.33	661.33	661.99	0.026660	6.52	46.59	44.32	1.00
Smith Creek	SC-01	3266.5	548.00	660.00	661.97	661.97	662.95	0.023402	7.94	69.00	48.80	1.00
Smith Creek	SC-01	3266.5	1392.00	660.00	663.67	663.67	665.49	0.019094	10.85	128.31	67.33	1.00
Smith Creek	SC-01	3266.5	2088.00	660.00	664.80	664.80	667.20	0.017439	12.42	168.17	166.77	1.00
Smith Creek	SC-01	3220	85.00	658.00	658.79	658.79	658.99	0.041395	3.62	23.48	59.35	1.01
Smith Creek	SC-01	3220	304.00	658.00	659.32	659.32	659.66	0.034859	4.67	65.14	68.84	1.01
Smith Creek	SC-01	3220	548.00	658.00	659.67	659.67	660.10	0.032352	5.26	104.21	125.02	1.02
Smith Creek	SC-01	3220	1392.00	658.00	660.39	660.39	661.07	0.026345	6.67	211.77	168.89	1.00
Smith Creek	SC-01	3220	2088.00	658.00	662.53		662.71	0.002147	3.55	685.73	273.37	0.33
Smith Creek	SC-01	2837.0	85.00	650.00	651.40	650.57	651.44	0.001782	1.74	48.84	43.55	0.26
Smith Creek	SC-01	2837.0	304.00	650.00	653.26	651.32	653.37	0.001342	2.66	114.22	54.99	0.26
Smith Creek	SC-01	2837.0	548.00	650.00	654.83	651.96	655.00	0.001178	3.24	169.17	64.61	0.26
Smith Creek	SC-01	2837.0	1392.00	650.00	659.00	653.65	659.30	0.000657	4.42	314.94	315.13	0.26
Smith Creek	SC-01	2837.0	2088.00	650.00	661.79	654.78	662.19	0.000875	5.06	412.69	666.12	0.26
Smith Creek	SC-01	2780										
Smith Creek	SC-01	2780										
Smith Creek	SC-01	2717.5	87.00	648.00	648.57	648.57	648.87	0.036111	4.33	20.08	42.84	1.01
Smith Creek	SC-01	2717.5	303.00	648.00	649.33	649.33	649.99	0.026787	6.53	46.44	53.13	1.00
Smith Creek	SC-01	2717.5	544.00	648.00	649.96	649.96	650.94	0.023598	7.94	68.53	61.76	1.00
Smith Creek	SC-01	2717.5	1395.00	648.00	651.66	651.66	653.50	0.019308	10.89	128.05	85.00	1.00
Smith Creek	SC-01	2717.5	2059.00	648.00	655.18	652.74	656.22	0.004450	8.20	251.21	459.01	0.54
Smith Creek	SC-01	2580	87.00	640.00	642.24		642.29	0.001442	1.83	48.84	39.02	0.24
Smith Creek	SC-01	2580	303.00	640.00	644.46		644.50	0.000507	1.85	267.40	154.70	0.16
Smith Creek	SC-01	2580	544.00	640.00	646.41		646.43	0.000180	1.43	817.38	639.02	0.10
Smith Creek	SC-01	2580	1395.00	640.00	651.88		651.86	0.000011	0.54	4905.52	790.70	0.03
Smith Creek	SC-01	2580	2059.00	640.00	655.38		655.38	0.000006	0.46	7747.14	824.13	0.02
Smith Creek	SC-01	2305	87.00	640.00	641.79	640.74	641.86	0.001715	2.02	43.08	249.10	0.27
Smith Creek	SC-01	2305	303.00	640.00	644.12	641.70	644.27	0.001300	3.06	98.97	539.76	0.27
Smith Creek	SC-01	2305	544.00	640.00	646.09	642.51	646.31	0.001142	3.72	146.19	694.17	0.27
Smith Creek	SC-01	2305	1395.00	640.00	651.41	644.70	651.81	0.000926	5.09	273.89	965.36	0.27
Smith Creek	SC-01	2305	2059.00	640.00	654.80	646.09	655.33	0.000847	5.79	355.32	1109.84	0.27
Smith Creek	SC-01	2250										
Smith Creek	SC-01	2195	87.00	636.00	636.74	636.74	637.11	0.032363	4.89	17.84	468.18	1.00
Smith Creek	SC-01	2195	303.00	636.00	637.70	637.70	638.56	0.025017	7.43	40.76	644.33	1.01
Smith Creek	SC-01	2195	544.00	636.00	638.53	638.53	639.78	0.021456	8.97	60.63	756.42	0.99
Smith Creek	SC-01	2195	1395.00	636.00	640.73	640.73	643.07	0.017461	12.29	113.48	930.52	1.00
Smith Creek	SC-01	2195	2059.00	636.00	642.10	642.10	645.17	0.016276	14.06	146.40	960.85	1.00

HFC-RAS Plan: Imported Pla (Continued)

River	Reach	River Sta	Q Total (cfs)	Max 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 # Chnl
Smith Creek	SC-01	2190	87.00	630.00	630.21	630.21	630.31	0.050071	2.56	33.94	168.03	1.00
Smith Creek	SC-01	2190	303.00	630.00	630.47	630.47	630.70	0.038982	3.87	78.30	171.17	1.01
Smith Creek	SC-01	2190	544.00	630.00	630.69	630.69	631.03	0.034059	4.65	117.01	175.52	1.00
Smith Creek	SC-01	2190	1395.00	630.00	631.42		631.90	0.019828	5.59	249.85	189.71	0.88
Smith Creek	SC-01	2190	2059.00	630.00	631.89		632.46	0.016327	6.04	340.91	198.85	0.81
Smith Creek	SC-01	2130	87.00	627.00	628.21	628.04	628.38	0.017253	3.10	28.08	46.40	0.70
Smith Creek	SC-01	2130	303.00	627.00	629.01	628.72	629.25	0.014025	3.92	77.37	77.02	0.69
Smith Creek	SC-01	2130	544.00	627.00	629.54		629.84	0.013004	4.41	123.45	97.29	0.69
Smith Creek	SC-01	2130	1395.00	627.00	630.61		631.07	0.010249	5.50	276.75	174.22	0.67
Smith Creek	SC-01	2130	2059.00	627.00	631.22		631.74	0.008809	6.03	384.72	183.28	0.64
Smith Creek	SC-01	1840	87.00	620.00	621.86	621.79	622.25	0.026225	5.00	17.31	18.60	0.92
Smith Creek	SC-01	1840	303.00	620.00	622.95	622.95	623.70	0.027043	6.95	43.62	29.54	1.01
Smith Creek	SC-01	1840	544.00	620.00	623.73	623.73	624.68	0.025003	7.81	69.67	37.33	1.01
Smith Creek	SC-01	1840	1395.00	620.00	625.41	625.41	626.83	0.021169	9.56	146.44	53.72	0.99
Smith Creek	SC-01	1840	2059.00	620.00	626.32	626.32	628.05	0.018854	10.60	198.97	61.90	0.98
Smith Creek	SC-01	1420	87.00	608.00	609.36	609.36	609.70	0.034822	4.74	18.37	27.10	1.01
Smith Creek	SC-01	1420	303.00	608.00	610.22	610.22	610.82	0.027393	6.21	49.04	42.84	0.99
Smith Creek	SC-01	1420	544.00	608.00	610.81	610.81	611.65	0.023088	7.41	76.45	50.47	0.97
Smith Creek	SC-01	1420	1395.00	608.00	612.32	612.32	613.63	0.017041	9.56	167.98	70.20	0.92
Smith Creek	SC-01	1420	2059.00	608.00	613.19	613.19	614.75	0.015554	10.66	233.39	81.41	0.92
Smith Creek	SC-01	820	87.00	590.00	592.75		593.08	0.013939	4.59	18.97	13.77	0.69
Smith Creek	SC-01	820	303.00	590.00	594.31		594.97	0.015489	6.52	46.49	21.56	0.78
Smith Creek	SC-01	820	544.00	590.00	595.26		596.22	0.016218	7.87	69.48	27.90	0.83
Smith Creek	SC-01	820	1395.00	590.00	597.24	597.24	599.01	0.015423	11.00	148.32	49.69	0.89
Smith Creek	SC-01	820	2059.00	590.00	598.49	598.49	600.45	0.013337	11.95	216.53	63.35	0.86
Smith Creek	SC-01	85	87.00	575.00	577.54	577.54	578.19	0.032318	6.47	13.45	10.59	1.01
Smith Creek	SC-01	85	303.00	575.00	579.20	579.20	580.26	0.026726	8.23	36.81	17.51	1.00
Smith Creek	SC-01	85	544.00	575.00	580.31	580.31	581.84	0.024785	9.26	58.73	22.12	1.00
Smith Creek	SC-01	85	1395.00	575.00	582.74	582.74	584.68	0.021811	11.17	124.86	32.26	1.00
Smith Creek	SC-01	85	2059.00	575.00	584.02	584.02	586.31	0.021060	12.15	169.41	37.57	1.01
Tributary D	TD-01	1890	3.00	1289.00	1289.20	1289.20	1289.25	0.078885	1.99	1.73	17.43	1.11
Tributary D	TD-01	1890	16.00	1289.00	1289.39	1289.39	1289.48	0.062202	2.76	6.63	34.15	1.10
Tributary D	TD-01	1890	32.00	1289.00	1289.51	1289.51	1289.64	0.057198	3.18	11.50	44.99	1.11
Tributary D	TD-01	1890	93.00	1289.00	1289.78	1289.78	1289.98	0.051387	3.99	28.65	68.48	1.13
Tributary D	TD-01	1890	139.00	1289.00	1290.02	1290.02	1290.16	0.044585	2.61	46.70	148.45	0.96
Tributary D	TD-01	1665	3.00	1279.00	1280.13	1279.06	1280.13	0.000002	0.05	61.28	103.77	0.01
Tributary D	TD-01	1665	16.00	1279.00	1281.12	1279.13	1281.12	0.000003	0.08	224.11	174.93	0.01
Tributary D	TD-01	1665	32.00	1279.00	1281.14	1279.22	1281.14	0.000010	0.16	228.14	176.60	0.02
Tributary D	TD-01	1665	93.00	1279.00	1281.32	1279.45	1281.33	0.000060	0.42	281.74	189.89	0.05
Tributary D	TD-01	1665	139.00	1279.00	1281.42	1279.59	1281.43	0.000113	0.60	280.78	197.02	0.07
Tributary D	TD-01	1645	Culvert									
Tributary D	TD-01	1625	3.00	1276.00	1278.51	1278.51	1278.51	0.000000	0.01	226.93	156.32	0.00
Tributary D	TD-01	1625	16.00	1276.00	1278.29	1278.29	1276.44	0.045568	3.08	5.20	34.89	1.01
Tributary D	TD-01	1625	32.00	1276.00	1276.46	1276.46	1276.69	0.037980	3.85	8.32	45.04	1.00
Tributary D	TD-01	1625	93.00	1276.00	1276.92	1276.92	1277.41	0.032824	5.63	18.51	71.67	1.04
Tributary D	TD-01	1625	139.00	1276.00	1277.23	1277.23	1277.84	0.027450	6.28	22.14	89.94	1.00
Tributary D	TD-01	1535	3.00	1272.00	1273.03	1272.15	1273.03	0.000014	0.13	40.35	69.29	0.02
Tributary D	TD-01	1535	16.00	1272.00	1273.17	1272.46	1273.17	0.000218	0.54	50.73	77.58	0.09
Tributary D	TD-01	1535	32.00	1272.00	1273.00	1273.00	1273.02	0.001800	1.40	38.28	87.53	0.25
Tributary D	TD-01	1535	93.00	1272.00	1273.55	1273.01	1273.58	0.002006	1.98	83.97	99.53	0.28
Tributary D	TD-01	1535	139.00	1272.00	1273.69	1273.02	1273.74	0.002931	2.54	98.94	107.97	0.34
Tributary D	TD-01	1500	Culvert									
Tributary D	TD-01	1465	3.00	1269.50	1269.85	1269.85	1269.94	0.055036	2.42	1.24	7.04	1.02
Tributary D	TD-01	1465	16.00	1269.50	1270.18	1270.18	1270.40	0.038164	3.69	4.34	15.06	0.99
Tributary D	TD-01	1465	32.00	1269.50	1270.43	1270.43	1270.77	0.033516	4.68	6.84	21.94	1.00
Tributary D	TD-01	1465	93.00	1269.50	1271.05	1271.05	1271.23	0.011434	4.20	44.22	119.91	0.65
Tributary D	TD-01	1465	139.00	1269.50	1271.18	1271.18	1271.38	0.013108	4.79	60.37	131.86	0.70
Tributary D	TD-01	1340	3.00	1262.00	1261.36	1261.36	1261.45	0.095976		1.23	6.84	0.00
Tributary D	TD-01	1340	16.00	1262.00	1261.70	1261.70	1261.88	0.077253		4.69	13.35	0.00
Tributary D	TD-01	1340	32.00	1262.00	1262.05	1262.05	1262.15	0.083337	1.28	12.98	69.99	1.02
Tributary D	TD-01	1340	93.00	1262.00	1262.25	1262.25	1262.42	0.068031	3.15	28.22	81.90	1.18
Tributary D	TD-01	1340	139.00	1262.00	1262.35	1262.35	1262.57	0.068312	3.87	35.90	87.95	1.24
Tributary D	TD-01	1065	3.00	1254.00	1255.13	1254.22	1255.13	0.000010	0.07	41.84	73.75	0.02
Tributary D	TD-01	1065	16.00	1254.00	1256.07	1254.43	1256.07	0.090911	0.12	138.79	133.24	0.02
Tributary D	TD-01	1065	32.00	1254.00	1256.17	1254.57	1256.17	0.000033	0.21	152.87	138.27	0.03
Tributary D	TD-01	1065	93.00	1254.00	1256.40	1254.87	1256.40	0.000153	0.51	185.34	149.22	0.08

HEC-RAS Plan Imported Pla (Continued)

River	Reach	River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	F.G. Elev (ft)	F.G. Slope (ft/ft)	Vel Crit (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Ch
Tributary D	TD-01	1085	139.00	1254.00	1256.49	1255.02	1256.50	0.000276	0.71	199.13	153.84	0.10
Tributary D	TD-01	1040	Culvert									
Tributary D	TD-01	1015	3.00	1253.00	1253.29	1253.29	1253.35	0.054303	2.12	1.42	120.06	0.88
Tributary D	TD-01	1015	16.00	1253.00	1253.56	1253.56	1253.70	0.045705	3.01	5.31	143.96	1.00
Tributary D	TD-01	1015	32.00	1253.00	1253.74	1253.74	1253.92	0.041148	3.45	9.29	159.91	1.00
Tributary D	TD-01	1015	93.00	1253.00	1254.00	1254.00	1254.00	0.000254	0.33	206.04	183.01	0.08
Tributary D	TD-01	1015	139.00	1253.00	1254.00	1254.00	1254.01	0.000567	0.48	206.02	183.00	0.12
Tributary D	TD-01	940	3.00	1249.00	1248.33	1248.33	1248.42	0.096886		1.30	7.82	0.00
Tributary D	TD-01	940	16.00	1249.00	1248.66	1248.64	1248.81	0.074254		5.05	15.40	0.00
Tributary D	TD-01	940	32.00	1249.00	1248.85	1248.85	1249.07	0.073287		8.53	20.03	0.00
Tributary D	TD-01	940	93.00	1249.00	1249.34	1249.34	1249.52	0.037983	1.96	29.39	81.26	0.84
Tributary D	TD-01	940	139.00	1249.00	1249.47	1249.47	1249.66	0.037911	2.45	41.86	104.31	0.89
Tributary D	TD-01	890	3.00	1230.00	1230.08	1230.06	1230.10	0.032287	1.09	2.75	34.76	0.68
Tributary D	TD-01	890	16.00	1230.00	1230.19	1230.19	1230.28	0.052671	2.37	6.74	38.41	1.00
Tributary D	TD-01	890	32.00	1230.00	1230.30	1230.30	1230.43	0.046008	2.90	11.02	41.98	1.00
Tributary D	TD-01	890	93.00	1230.00	1230.57	1230.57	1230.81	0.038463	3.89	23.89	51.23	1.00
Tributary D	TD-01	890	139.00	1230.00	1230.73	1230.73	1231.02	0.036141	4.32	32.20	56.40	1.01
Tributary D	TD-01	380	3.00	1214.00	1214.24	1214.24	1214.34	0.051058	2.52	1.19	6.02	1.00
Tributary D	TD-01	380	16.00	1214.00	1214.63	1214.63	1214.65	0.039935	3.82	4.18	9.33	1.01
Tributary D	TD-01	380	32.00	1214.00	1214.91	1214.91	1215.22	0.036262	4.47	7.16	11.74	1.01
Tributary D	TD-01	380	93.00	1214.00	1215.56	1215.56	1216.05	0.031366	5.61	16.57	17.25	1.01
Tributary D	TD-01	380	139.00	1214.00	1215.89	1215.89	1216.47	0.029946	6.12	22.72	20.06	1.01
Tributary D	TD-01	120	3.00	1190.00	1190.27	1190.27	1190.38	0.050639	2.60	1.15	5.45	1.00
Tributary D	TD-01	120	16.00	1190.00	1190.68	1190.68	1190.91	0.040312	3.85	4.18	9.16	1.01
Tributary D	TD-01	120	32.00	1190.00	1190.97	1190.97	1191.28	0.036847	4.47	7.16	11.74	1.01
Tributary D	TD-01	120	93.00	1190.00	1191.62	1191.62	1192.10	0.031930	5.57	16.69	17.59	1.01
Tributary D	TD-01	120	139.00	1190.00	1191.95	1191.95	1192.52	0.030133	6.04	23.02	20.58	1.01
Tributary C	TC-01	4390	28.00	1345.50	1346.08	1346.07	1346.22	0.038278	3.06	9.20	29.79	0.94
Tributary C	TC-01	4390	93.00	1345.50	1346.45	1346.45	1346.76	0.030653	4.55	21.86	38.57	0.96
Tributary C	TC-01	4390	150.00	1345.50	1346.69	1346.69	1347.09	0.027173	5.24	32.13	44.33	0.95
Tributary C	TC-01	4390	330.00	1345.50	1347.27	1347.27	1347.85	0.022534	6.55	61.42	57.81	0.94
Tributary C	TC-01	4390	458.00	1345.50	1347.58	1347.58	1348.25	0.021238	7.19	80.45	65.09	0.94
Tributary C	TC-01	4030	28.00	1333.50	1334.09		1334.21	0.031112	2.83	9.96	31.43	0.86
Tributary C	TC-01	4030	93.00	1333.50	1334.44	1334.44	1334.73	0.030170	4.46	22.51	40.81	0.95
Tributary C	TC-01	4030	150.00	1333.50	1334.67	1334.67	1335.06	0.027204	5.16	32.85	47.15	0.95
Tributary C	TC-01	4030	330.00	1333.50	1335.23	1335.23	1335.78	0.022676	6.44	63.05	62.08	0.93
Tributary C	TC-01	4030	458.00	1333.50	1335.52	1335.52	1336.17	0.021328	7.06	82.83	70.16	0.93
Tributary C	TC-01	2660	35.00	1280.00	1280.58	1280.58	1280.73	0.045514	3.10	11.28	38.59	1.01
Tributary C	TC-01	2660	112.00	1280.00	1280.93	1280.93	1281.17	0.039214	3.92	28.54	61.38	1.01
Tributary C	TC-01	2660	187.00	1280.00	1281.14	1281.14	1281.44	0.036622	4.35	43.02	75.35	1.01
Tributary C	TC-01	2660	427.00	1280.00	1281.59	1281.59	1282.00	0.032767	5.13	83.31	104.87	1.01
Tributary C	TC-01	2660	599.00	1280.00	1281.82	1281.82	1282.29	0.031695	5.51	108.73	119.80	1.02
Tributary C	TC-01	2080	35.00	1251.50	1252.27	1252.27	1252.48	0.031755	3.79	10.26	27.66	0.93
Tributary C	TC-01	2080	112.00	1251.50	1254.01	1254.01	1254.03	0.000700	1.50	121.06	99.17	0.18
Tributary C	TC-01	2080	187.00	1251.50	1254.21	1254.21	1254.25	0.001289	2.16	141.13	103.33	0.24
Tributary C	TC-01	2080	427.00	1251.50	1255.17	1255.17	1255.23	0.001410	2.81	249.90	123.48	0.27
Tributary C	TC-01	2080	599.00	1251.50	1254.10	1254.10	1254.62	0.016412	7.47	130.33	101.11	0.86
Tributary C	TC-01	1827.5	35.00	1250.00	1251.77	1250.59	1251.80	0.000865	1.42	24.69	154.14	0.19
Tributary C	TC-01	1827.5	112.00	1250.00	1253.87	1251.27	1253.93	0.000652	2.07	54.02	219.11	0.19
Tributary C	TC-01	1827.5	187.00	1250.00	1254.23	1251.77	1254.23	0.000013	0.29	693.52	235.65	0.03
Tributary C	TC-01	1827.5	427.00	1250.00	1253.07	1253.07	1254.61	0.020816	9.88	42.78	195.43	1.01
Tributary C	TC-01	1827.5	599.00	1250.00	1254.40	1254.01	1254.41	0.000116	0.89	734.51	245.07	0.08
Tributary C	TC-01	1800	Culvert									
Tributary C	TC-01	1872.5	35.00	1248.50	1249.08	1249.08	1249.37	0.035682	4.33	8.09	107.65	1.00
Tributary C	TC-01	1872.5	112.00	1248.50	1249.77	1249.77	1250.38	0.026809	6.32	17.71	122.08	0.99
Tributary C	TC-01	1872.5	187.00	1248.50	1250.26	1250.26	1251.16	0.024761	7.58	24.67	140.08	1.01
Tributary C	TC-01	1872.5	427.00	1248.50	1252.00	1252.00	1252.02	0.000278	1.22	412.77	226.51	0.12
Tributary C	TC-01	1872.5	599.00	1248.50	1252.01	1252.01	1252.05	0.800542	1.70	414.17	226.88	0.17
Tributary C	TC-01	1830	35.00	1246.00	1246.45	1246.41	1246.54	0.039333	2.42	14.59	54.79	0.90
Tributary C	TC-01	1830	112.00	1246.00	1246.70	1246.70	1246.90	0.051147	3.70	31.14	79.35	1.10
Tributary C	TC-01	1830	187.00	1246.00	1246.88	1246.88	1247.12	0.047043	4.13	46.90	97.12	1.10
Tributary C	TC-01	1830	427.00	1246.00	1247.24	1247.24	1247.62	0.038698	5.19	89.46	134.46	1.06
Tributary C	TC-01	1830	599.00	1246.00	1247.45	1247.45	1247.89	0.031647	5.69	119.79	155.88	1.03
Tributary C	TC-01	1590	35.00	1236.50	1237.01	1237.01	1237.14	0.042947	2.82	12.43	47.87	0.97
Tributary C	TC-01	1590	112.00	1236.50	1237.31	1237.31	1237.56	0.032813	4.08	29.49	66.13	0.96
Tributary C	TC-01	1590	187.00	1236.50	1237.53	1237.53	1237.85	0.028043	4.69	45.34	79.41	0.94

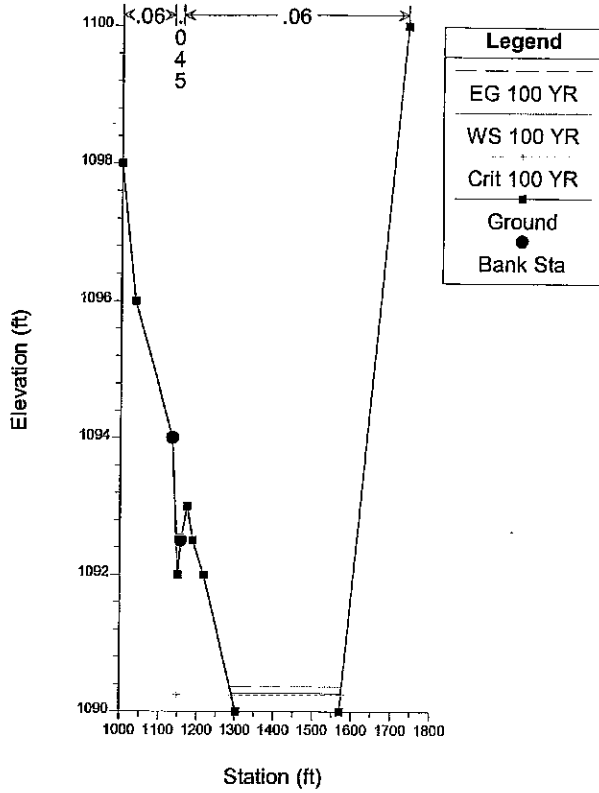
HFC-RAS Plan: Imported Pla (Continued)

River	Reach	River Sta	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	F.G. Elev (ft)	F.G. Slope (ft/m)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Cfl
Tributary C	TC-01	1580	427.00	1236.50	1237.93	1237.93	1238.49	0.030314	6.43	82.25	103.97	1.04
Tributary C	TC-01	1580	599.00	1236.50	1238.35	1238.35	1238.75	0.018463	5.80	155.18	204.00	0.81
Tributary C	TC-01	1290	35.00	1222.50	1222.95	1222.95	1223.06	0.049845	2.72	12.87	57.39	1.01
Tributary C	TC-01	1290	112.00	1222.50	1223.21	1223.21	1223.42	0.035106	3.70	32.28	89.61	0.96
Tributary C	TC-01	1290	187.00	1222.50	1223.40	1223.40	1223.65	0.029027	4.20	50.75	111.83	0.92
Tributary C	TC-01	1290	427.00	1222.50	1223.79	1223.79	1224.15	0.024160	5.26	103.95	159.31	0.91
Tributary C	TC-01	1290	599.00	1222.50	1224.01	1224.01	1224.41	0.021678	5.67	142.13	185.84	0.89
Tributary C	TC-01	1162.5	35.00	1212.00	1213.66	1212.49	1213.68	0.000639	1.17	29.90	56.97	0.16
Tributary C	TC-01	1162.5	112.00	1212.00	1215.24	1213.06	1215.30	0.000703	1.92	58.39	92.59	0.19
Tributary C	TC-01	1162.5	187.00	1212.00	1216.98	1213.50	1217.05	0.000469	2.08	89.68	118.89	0.16
Tributary C	TC-01	1162.5	427.00	1212.00	1218.72	1214.59	1218.73	0.000059	0.88	609.48	136.10	0.06
Tributary C	TC-01	1162.5	599.00	1212.00	1217.39	1215.24	1217.98	0.003703	6.18	96.99	121.33	0.47
Tributary C	TC-01	1130	Culvert									
Tributary C	TC-01	1097.5	35.00	1210.00	1210.51	1210.51	1210.76	0.036678	4.04	8.67	43.06	1.00
Tributary C	TC-01	1097.5	112.00	1210.00	1211.11	1211.11	1211.68	0.028414	5.95	18.81	46.64	1.00
Tributary C	TC-01	1097.5	187.00	1210.00	1211.56	1211.56	1212.33	0.025201	7.05	26.52	49.36	0.99
Tributary C	TC-01	1097.5	427.00	1210.00	1212.69	1212.69	1214.04	0.021337	9.33	45.75	56.15	1.00
Tributary C	TC-01	1097.5	599.00	1210.00	1213.38	1213.38	1215.07	0.019889	10.43	57.42	60.27	1.00
Tributary C	TC-01	1020	35.00	1205.50	1207.39	1207.39	1207.88	0.024633	6.70	7.81	8.50	0.92
Tributary C	TC-01	1020	112.00	1205.50	1208.51	1208.51	1209.26	0.023392	9.23	20.24	13.72	0.88
Tributary C	TC-01	1020	187.00	1205.50	1209.18	1209.18	1210.09	0.023167	10.62	30.49	16.85	1.01
Tributary C	TC-01	1020	427.00	1205.50	1210.74	1210.74	1211.72	0.018570	12.20	67.89	39.27	0.96
Tributary C	TC-01	1020	599.00	1205.50	1211.43	1211.43	1212.36	0.016604	12.58	101.30	56.74	0.93
Tributary C	TC-01	850	35.00	1189.50	1190.86	1190.86	1191.21	0.035677	4.74	7.39	10.87	1.01
Tributary C	TC-01	850	112.00	1189.50	1191.68	1191.68	1192.22	0.030754	5.98	18.73	17.31	1.01
Tributary C	TC-01	850	187.00	1189.50	1192.18	1192.18	1192.84	0.025386	6.53	29.19	27.26	0.96
Tributary C	TC-01	850	427.00	1189.50	1193.23	1193.23	1193.93	0.014824	7.22	80.88	70.58	0.81
Tributary C	TC-01	850	599.00	1189.50	1193.67	1193.67	1194.40	0.013788	7.76	115.30	88.34	0.80
Tributary C	TC-01	240	35.00	1172.00	1172.67	1172.65	1172.85	0.037033	3.45	10.16	25.39	0.96
Tributary C	TC-01	240	112.00	1172.00	1173.12	1173.12	1173.44	0.035318	4.55	24.60	39.06	1.01
Tributary C	TC-01	240	187.00	1172.00	1173.40	1173.40	1173.80	0.033001	5.05	37.01	47.78	1.01
Tributary C	TC-01	240	427.00	1172.00	1174.15	1174.15	1174.54	0.018553	5.13	94.92	165.55	0.82
Tributary C	TC-01	240	599.00	1172.00	1174.39	1174.39	1174.81	0.016555	5.49	136.65	169.90	0.80
WWTP	WWTP-01	275	0.13	1065.50	1065.79		1065.79	0.000476	0.20	0.66	4.60	0.09
WWTP	WWTP-01	275	0.13	1065.50	1066.58		1066.56	0.000000	0.02	7.55	11.91	0.00
WWTP	WWTP-01	275	0.13	1065.50	1067.26		1067.26	0.000000	0.01	17.67	16.83	0.00
WWTP	WWTP-01	275	0.13	1065.50	1068.73		1068.73	0.000000	0.00	49.00	24.84	0.00
WWTP	WWTP-01	275	0.13	1065.50	1069.38		1069.38	0.000000	0.00	66.11	27.41	0.00
WWTP	WWTP-01	200	0.13	1064.50	1065.79		1065.79	0.000000	0.00	37.59	58.38	0.00
WWTP	WWTP-01	200	0.13	1064.50	1066.56		1066.56	0.000000	0.00	89.18	68.84	0.00
WWTP	WWTP-01	200	0.13	1064.50	1067.26		1067.26	0.000000	0.00	138.00	69.89	0.00
WWTP	WWTP-01	200	0.13	1064.50	1068.73		1068.73	0.000000	0.00	241.94	72.09	0.00
WWTP	WWTP-01	200	0.13	1064.50	1069.38		1069.38	0.000000	0.00	289.46	73.07	0.00
Tributary B	TB-01	5890	18.00	1269.00	1269.65	1269.65	1269.82	0.044604	3.29	5.48	16.88	1.02
Tributary B	TB-01	5890	59.00	1269.00	1270.04	1270.04	1270.31	0.037374	4.22	14.03	27.81	1.01
Tributary B	TB-01	5890	94.00	1269.00	1270.26	1270.26	1270.59	0.029043	4.87	21.34	38.32	0.95
Tributary B	TB-01	5890	197.00	1269.00	1270.71	1270.71	1271.14	0.021741	5.53	43.71	59.95	0.88
Tributary B	TB-01	5890	281.00	1269.00	1270.98	1270.98	1271.46	0.019974	6.04	61.05	72.39	0.88
Tributary B	TB-01	5280	18.00	1244.00	1244.67	1244.59	1244.76	0.022779	2.41	7.48	22.21	0.73
Tributary B	TB-01	5280	59.00	1244.00	1245.03	1244.95	1245.21	0.024926	3.35	17.61	34.09	0.82
Tributary B	TB-01	5280	94.00	1244.00	1245.21	1245.14	1245.44	0.027469	3.90	24.07	39.86	0.89
Tributary B	TB-01	5280	197.00	1244.00	1245.56	1245.54	1245.93	0.030582	4.89	40.28	51.56	0.98
Tributary B	TB-01	5280	281.00	1244.00	1245.77	1245.77	1246.23	0.031633	5.41	51.91	58.53	1.01
Tributary B	TB-01	4860	18.00	1231.00	1231.47	1231.47	1231.59	0.048029	2.79	6.45	27.36	1.01
Tributary B	TB-01	4860	59.00	1231.00	1231.76	1231.76	1231.95	0.042159	3.55	16.63	43.92	1.02
Tributary B	TB-01	4860	94.00	1231.00	1231.92	1231.92	1232.15	0.038277	3.84	24.46	53.26	1.00
Tributary B	TB-01	4860	197.00	1231.00	1232.21	1232.21	1232.56	0.033346	4.79	41.55	62.78	1.00
Tributary B	TB-01	4860	281.00	1231.00	1232.40	1232.40	1232.84	0.029815	5.32	54.16	67.24	0.99
Tributary B	TB-01	4290	18.00	1208.00	1208.79		1208.81	0.003453	1.05	17.18	43.28	0.29
Tributary B	TB-01	4290	59.00	1208.00	1209.27	1208.78	1209.29	0.003089	1.35	43.64	68.97	0.30
Tributary B	TB-01	4290	94.00	1208.00	1209.56		1209.59	0.002600	1.42	66.02	84.83	0.28
Tributary B	TB-01	4290	197.00	1208.00	1210.32		1210.35	0.001179	1.37	145.23	115.93	0.21
Tributary B	TB-01	4290	281.00	1208.00	1209.69		1209.89	0.015322	3.64	77.17	91.72	0.70
Tributary B	TB-01	4180	18.00	1204.00	1204.82	1204.54	1204.93	0.009098	2.75	6.54	12.90	0.54
Tributary B	TB-01	4180	59.00	1204.00	1205.83	1205.19	1205.08	0.006830	4.03	14.66	18.99	0.52
Tributary B	TB-01	4180	94.00	1204.00	1206.50	1205.62	1206.84	0.005977	4.70	19.99	44.71	0.52
Tributary B	TB-01	4180	197.00	1204.00	1206.65	1206.65	1207.99	0.021522	9.28	21.22	52.31	1.00

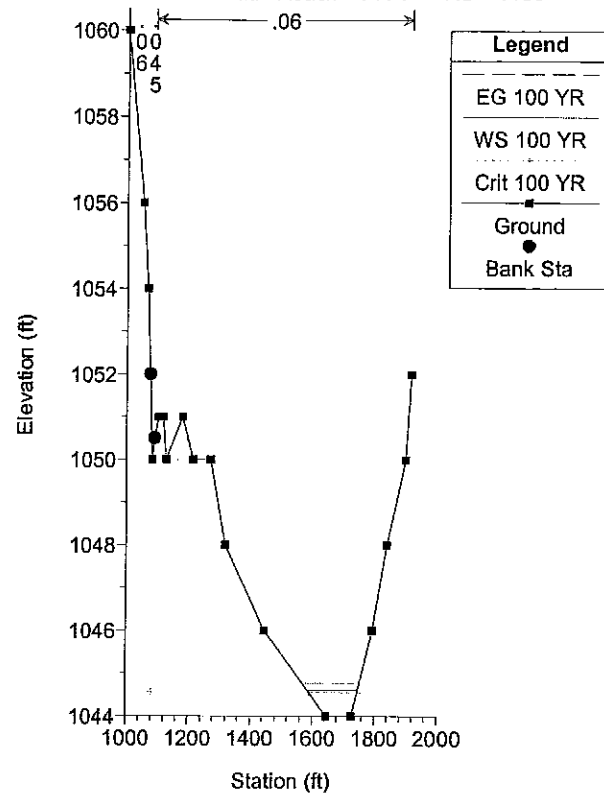
HEC-RAS Plan Imported Pla (Continued)

River	Reach	River Sta	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 Ch1 (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Ch1
Tributary B	TB-01	4180	281.00	1204.00	1209.48	1207.36	1209.49	0.000144	0.60	374.42	162.16	0.08
Tributary B	TB-01	4130	Culvert									
Tributary B	TB-01	4080	24.00	1202.00	1202.66	1202.66	1202.98	0.033692	4.57	5.25	11.93	1.00
Tributary B	TB-01	4080	77.00	1202.00	1203.42	1203.42	1204.13	0.026610	6.79	11.33	24.00	1.01
Tributary B	TB-01	4080	123.00	1202.00	1203.94	1203.94	1204.92	0.023811	7.93	15.52	36.56	1.00
Tributary B	TB-01	4080	268.00	1202.00	1205.27	1205.27	1206.90	0.019881	10.25	26.14	95.59	1.00
Tributary B	TB-01	4080	382.00	1202.00	1208.00	1208.00	1208.01	0.000211	1.58	533.03	223.00	0.11
Tributary B	TB-01	3560	24.00	1176.50	1177.32	1177.23	1177.44	0.023381	2.77	8.66	21.22	0.78
Tributary B	TB-01	3560	77.00	1176.50	1177.73	1177.66	1177.97	0.026441	3.88	19.82	32.11	0.87
Tributary B	TB-01	3560	123.00	1176.50	1177.94	1177.90	1178.26	0.029279	4.54	27.11	37.55	0.94
Tributary B	TB-01	3560	268.00	1176.50	1178.41	1178.41	1178.91	0.030953	5.65	47.45	49.31	1.01
Tributary B	TB-01	3560	382.00	1176.50	1178.70	1178.70	1178.28	0.029560	6.07	62.89	56.60	1.02
Tributary B	TB-01	2910	24.00	1156.00	1156.42	1156.42	1156.58	0.048286	2.96	8.12	31.22	1.02
Tributary B	TB-01	2910	77.00	1156.00	1156.74	1156.74	1156.95	0.040362	3.73	20.68	49.03	1.01
Tributary B	TB-01	2910	123.00	1156.00	1158.92	1158.92	1157.17	0.036968	4.06	30.29	59.18	1.00
Tributary B	TB-01	2910	268.00	1156.00	1159.07	1159.07	1158.13	0.002957	1.95	143.25	210.62	0.32
Tributary B	TB-01	2910	382.00	1156.00	1157.49	1157.49	1157.91	0.032695	5.18	74.05	92.15	1.01
Tributary B	TB-01	2740	24.00	1150.00	1151.99	1150.89	1152.08	0.002140	2.41	9.94	16.93	0.30
Tributary B	TB-01	2740	77.00	1150.00	1153.67	1151.94	1153.94	0.002859	4.20	18.34	187.10	0.39
Tributary B	TB-01	2740	123.00	1150.00	1154.83	1152.65	1155.23	0.002920	5.10	24.13	261.38	0.41
Tributary B	TB-01	2740	268.00	1150.00	1154.46	1154.46	1156.70	0.018103	12.03	22.28	243.25	1.00
Tributary B	TB-01	2740	382.00	1150.00	1158.62	1158.01	1156.62	0.000047	0.72	1600.47	327.57	0.05
Tributary B	TB-01	2740	Culvert									
Tributary B	TB-01	2680	30.00	1148.00	1149.05	1149.05	1148.56	0.028397	5.73	5.23	10.23	0.99
Tributary B	TB-01	2680	98.00	1148.00	1150.29	1150.29	1151.43	0.022166	8.55	11.46	230.76	0.99
Tributary B	TB-01	2680	157.00	1148.00	1151.12	1151.12	1152.69	0.020333	10.06	15.61	252.73	1.00
Tributary B	TB-01	2680	335.00	1148.00	1153.20	1153.20	1155.78	0.016859	12.88	26.02	309.86	0.99
Tributary B	TB-01	2680	463.00	1148.00	1156.01	1156.01	1156.01	0.000012	0.41	1823.06	360.94	0.03
Tributary B	TB-01	2520	30.00	1142.00	1143.28	1143.28	1143.54	0.030576	4.20	7.75	16.90	0.93
Tributary B	TB-01	2520	98.00	1142.00	1143.89	1143.89	1144.23	0.026442	5.08	24.01	35.74	0.92
Tributary B	TB-01	2520	157.00	1142.00	1144.26	1144.26	1144.49	0.015248	4.67	58.72	131.09	0.73
Tributary B	TB-01	2520	335.00	1142.00	1144.56	1144.56	1144.86	0.017991	5.86	103.34	160.71	0.83
Tributary B	TB-01	2520	463.00	1142.00	1144.72	1144.72	1145.06	0.019531	6.50	129.39	175.71	0.87
Tributary B	TB-01	1290	30.00	1086.00	1086.62	1086.62	1088.78	0.044860	3.21	9.36	30.13	1.01
Tributary B	TB-01	1290	98.00	1086.00	1087.00	1087.00	1087.25	0.038510	4.07	24.08	48.33	1.02
Tributary B	TB-01	1290	157.00	1086.00	1087.20	1087.20	1087.51	0.036114	4.47	35.12	58.37	1.02
Tributary B	TB-01	1290	335.00	1086.00	1087.63	1087.63	1088.05	0.032336	5.18	64.63	79.18	1.01
Tributary B	TB-01	1290	463.00	1086.00	1087.86	1087.86	1088.33	0.031157	5.54	83.54	90.02	1.01
Tributary B	TB-01	1010	30.00	1063.00	1063.90	1063.90	1064.14	0.039759	3.86	7.76	17.18	1.01
Tributary B	TB-01	1010	98.00	1063.00	1064.45	1064.45	1064.88	0.027970	5.31	19.49	25.51	0.96
Tributary B	TB-01	1010	157.00	1063.00	1064.79	1064.79	1065.32	0.024067	6.04	28.86	30.42	0.94
Tributary B	TB-01	1010	335.00	1063.00	1065.53	1065.53	1066.28	0.019888	7.43	55.42	41.14	0.92
Tributary B	TB-01	1010	463.00	1063.00	1065.91	1065.91	1066.79	0.019272	8.21	72.18	46.68	0.93
Pleier Road	PR-1	2090	12.00	1092.00	1090.04	1090.04	1090.06	0.117031		11.56	269.58	0.00
Pleier Road	PR-1	2090	39.00	1092.00	1090.08	1090.08	1090.13	0.137881		22.40	271.97	0.00
Pleier Road	PR-1	2090	61.00	1092.00	1090.12	1090.12	1090.18	0.093758		33.00	274.29	0.00
Pleier Road	PR-1	2090	132.00	1092.00	1090.22	1090.20	1090.29	0.064754		59.09	279.92	0.00
Pleier Road	PR-1	2090	182.00	1092.00	1090.27	1090.24	1090.36	0.060382		73.48	282.98	0.00
Pleier Road	PR-1	1190	15.50	1050.00	1044.16	1044.10	1044.17	0.026176		14.35	102.61	0.00
Pleier Road	PR-1	1190	49.75	1050.00	1044.30	1044.21	1044.34	0.026496		30.87	122.08	0.00
Pleier Road	PR-1	1190	80.00	1050.00	1044.37	1044.29	1044.43	0.034559		38.93	130.54	0.00
Pleier Road	PR-1	1190	173.50	1050.00	1044.52	1044.45	1044.65	0.044058		61.11	151.39	0.00
Pleier Road	PR-1	1190	240.50	1050.00	1044.60	1044.55	1044.77	0.049343		73.85	162.16	0.00
Pleier Road	PR-1	610	18.00	1023.50	1023.85	1023.85	1023.94	0.054282		7.45	42.28	1.01
Pleier Road	PR-1	610	56.75	1023.50	1024.05	1024.05	1024.20	0.046901		3.18	17.89	63.01
Pleier Road	PR-1	610	92.00	1023.50	1024.17	1024.17	1024.37	0.038361		3.62	26.08	70.84
Pleier Road	PR-1	610	200.00	1023.50	1024.45	1024.45	1024.75	0.030099		4.52	48.49	68.80
Pleier Road	PR-1	610	278.25	1023.50	1024.61	1024.61	1024.97	0.027622		4.96	63.51	99.04
Pleier Road	PR-1	200	19.50	1002.00	1002.73	1002.73	1002.92	0.041831		3.45	5.65	15.41
Pleier Road	PR-1	200	61.75	1002.00	1003.16	1003.16	1003.46	0.035957		4.35	14.20	24.42
Pleier Road	PR-1	200	100.75	1002.00	1003.41	1003.41	1003.77	0.033666		4.79	21.01	29.71
Pleier Road	PR-1	200	219.00	1002.00	1003.93	1003.93	1004.42	0.030579		5.62	39.00	40.47
Pleier Road	PR-1	200	304.75	1002.00	1004.18	1004.18	1004.77	0.027684		6.13	49.97	44.98

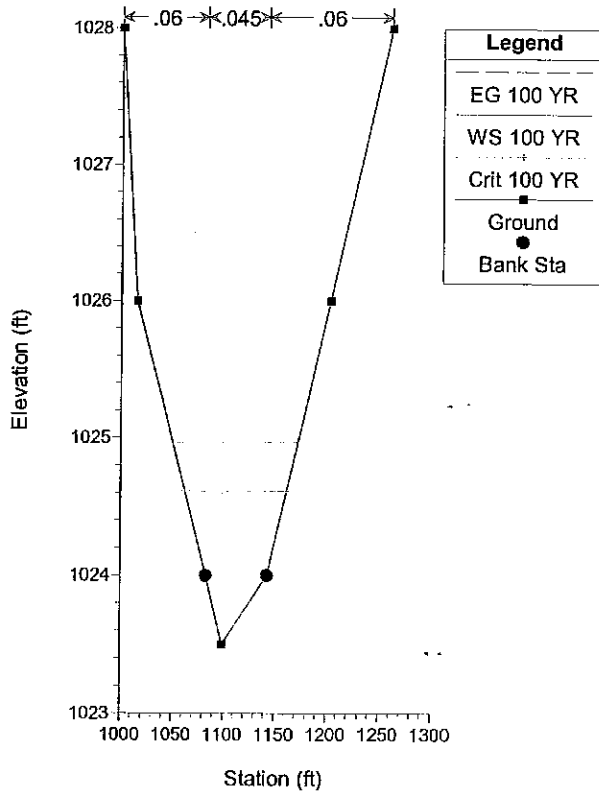
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Pleier Road Reach = PR-1 RS = 2090



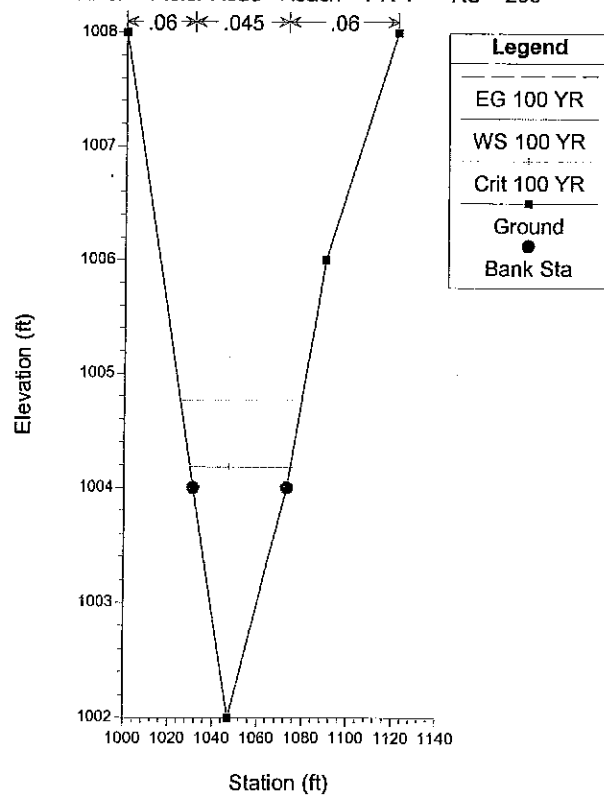
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Pleier Road Reach = PR-1 RS = 1190

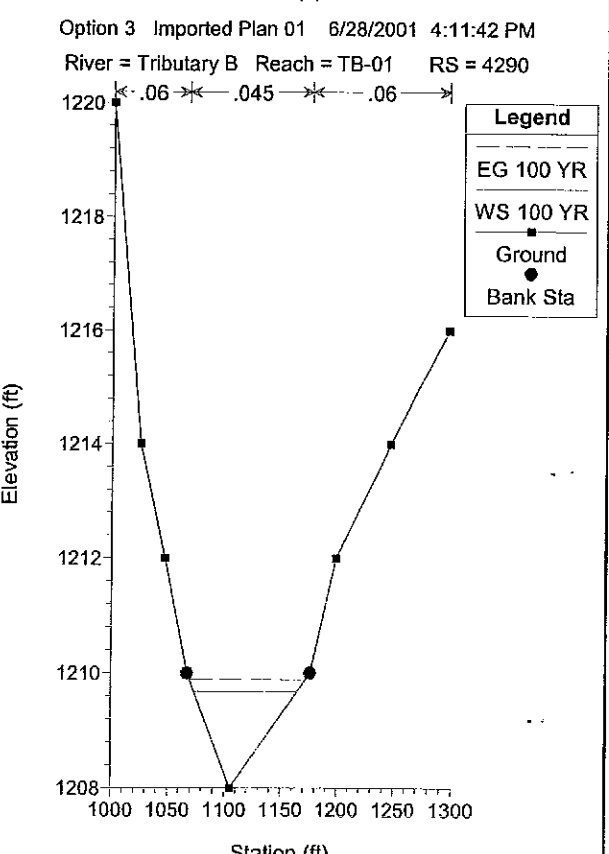
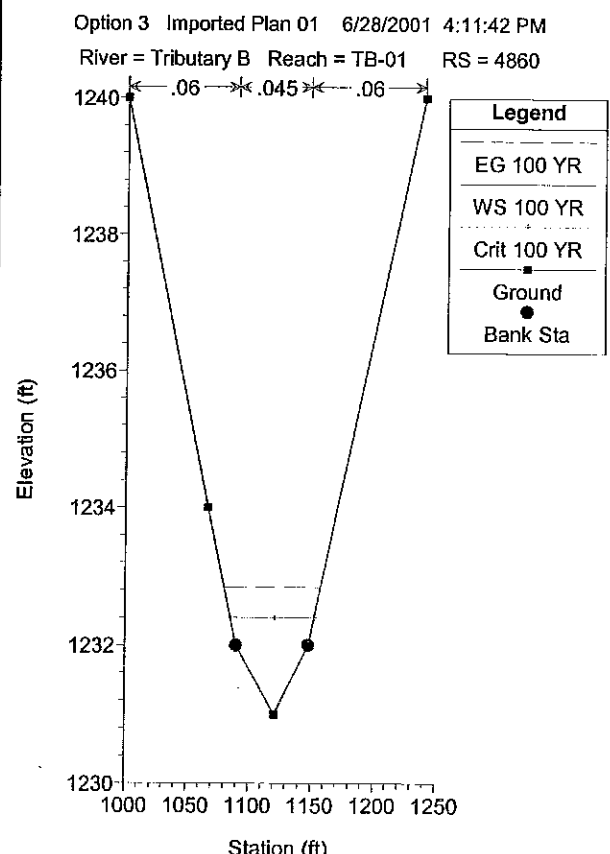
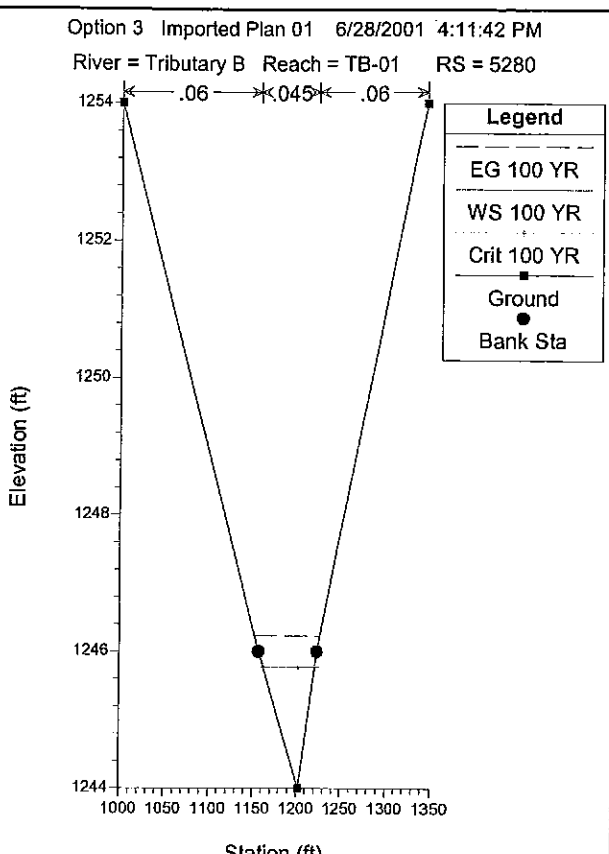
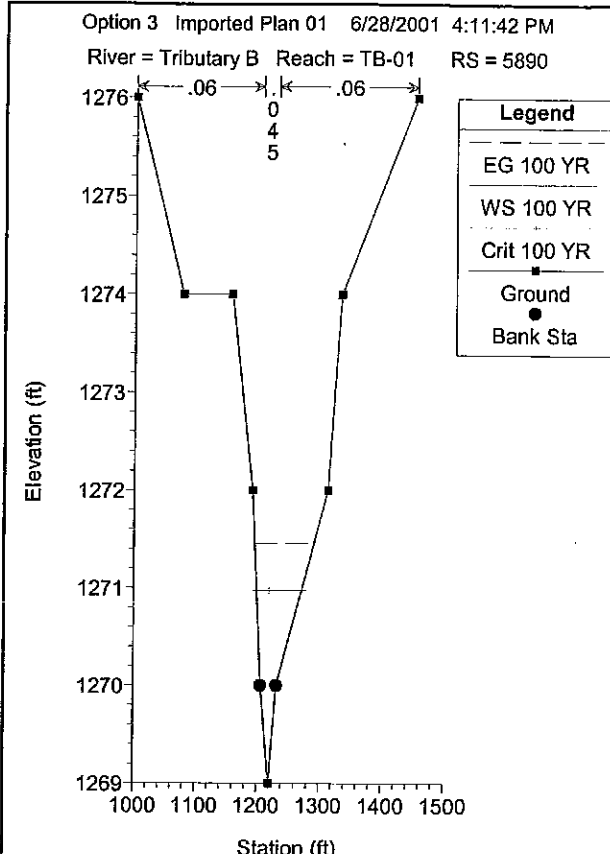


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Pleier Road Reach = PR-1 RS = 610

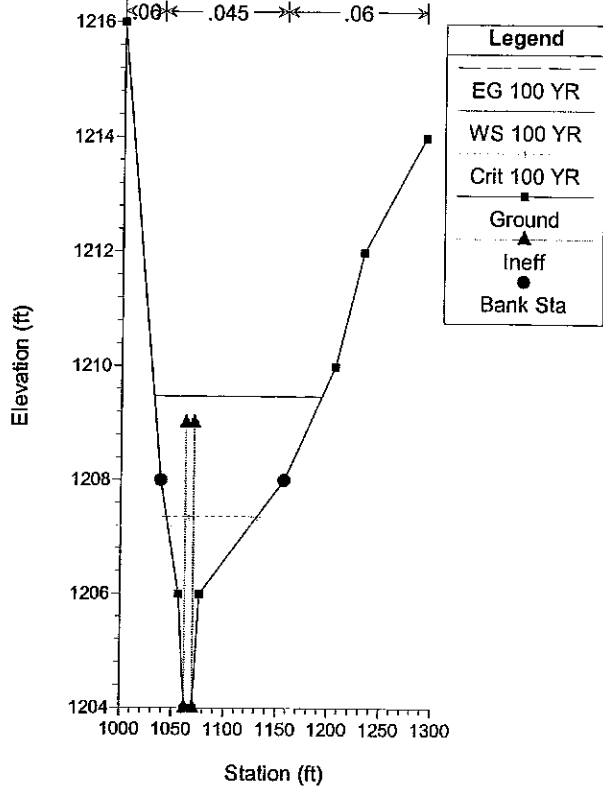


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Pleier Road Reach = PR-1 RS = 200

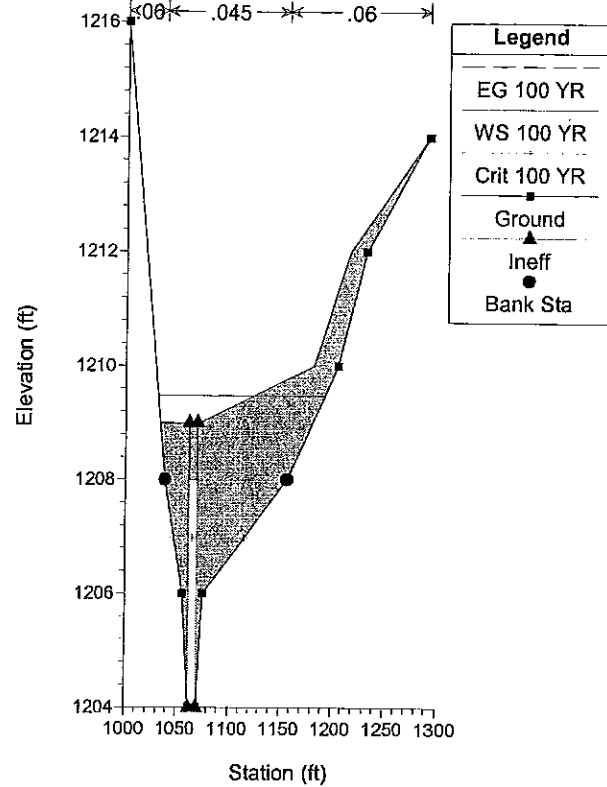




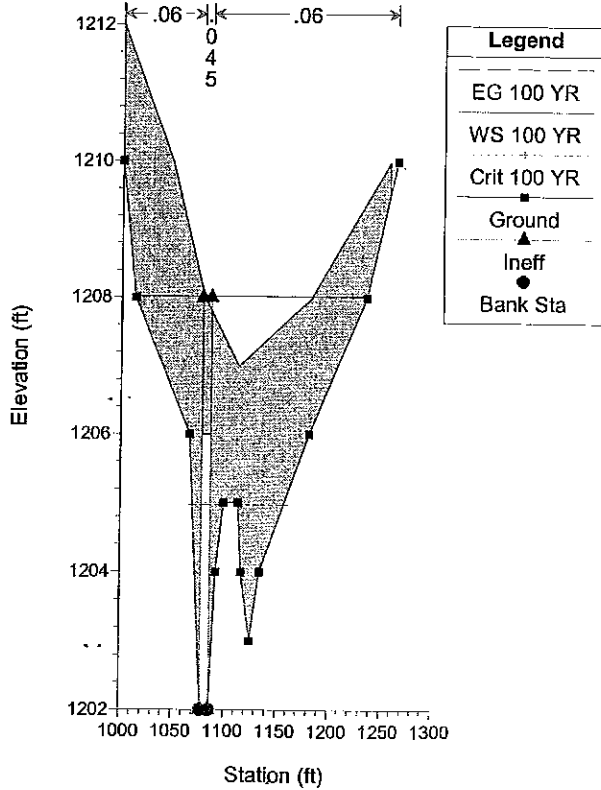
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary B Reach = TB-01 RS = 4180



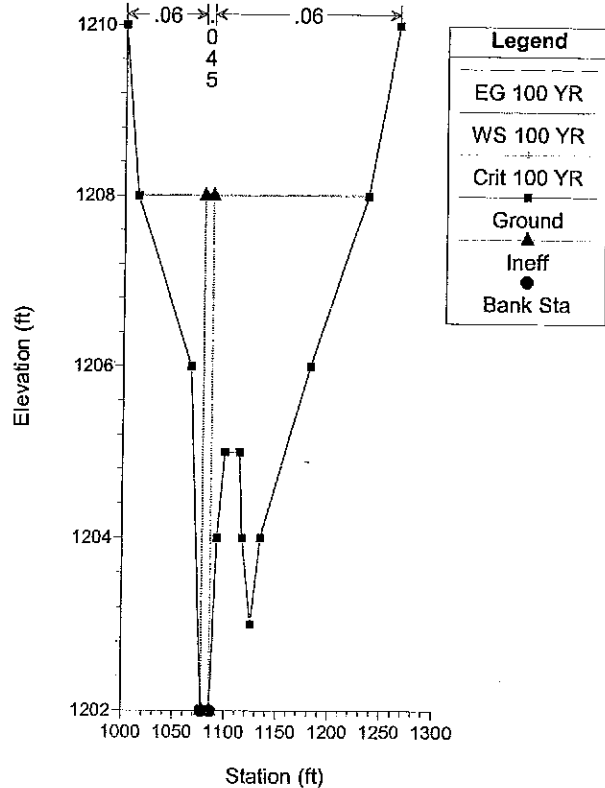
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary B Reach = TB-01 RS = 4130

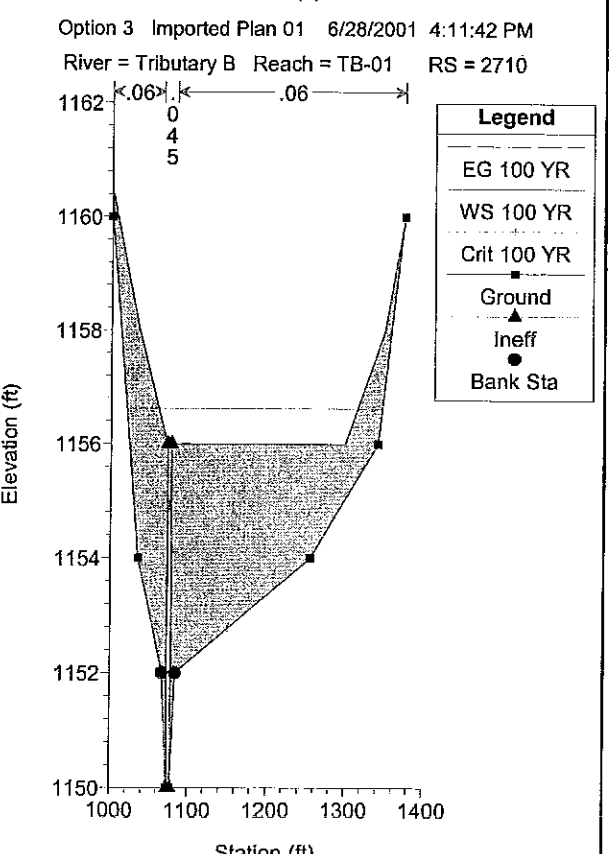
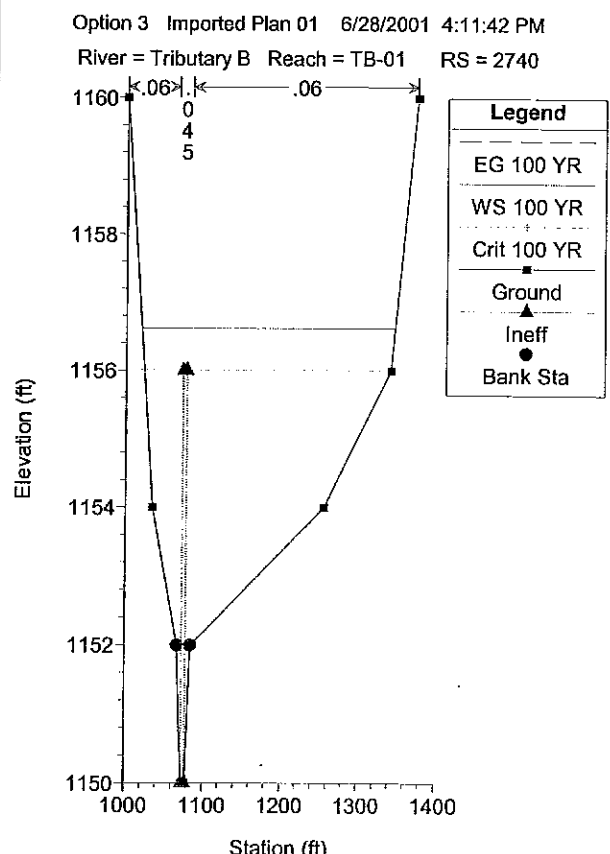
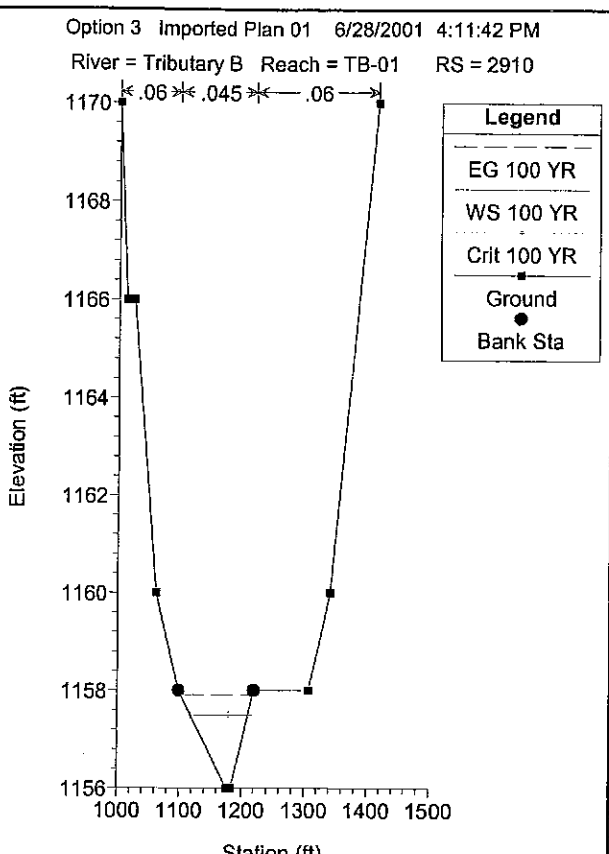
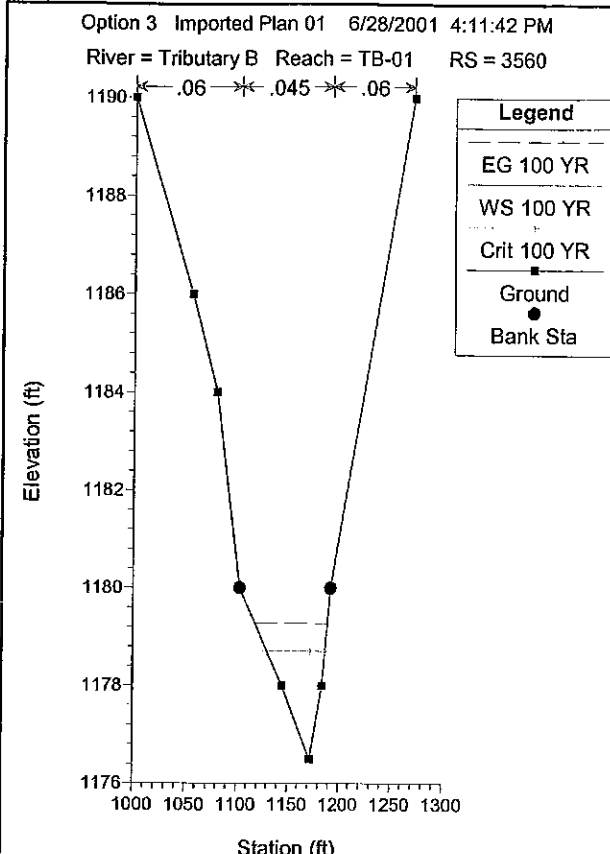


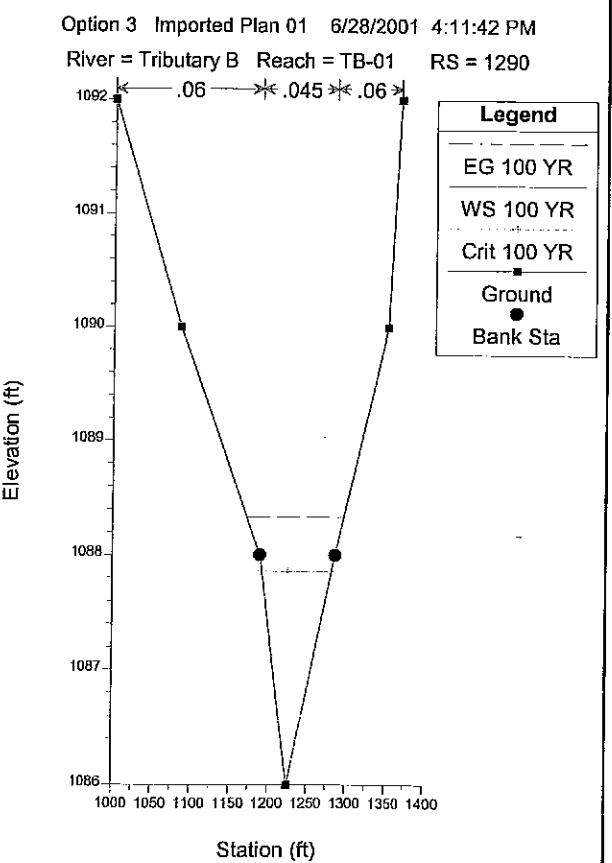
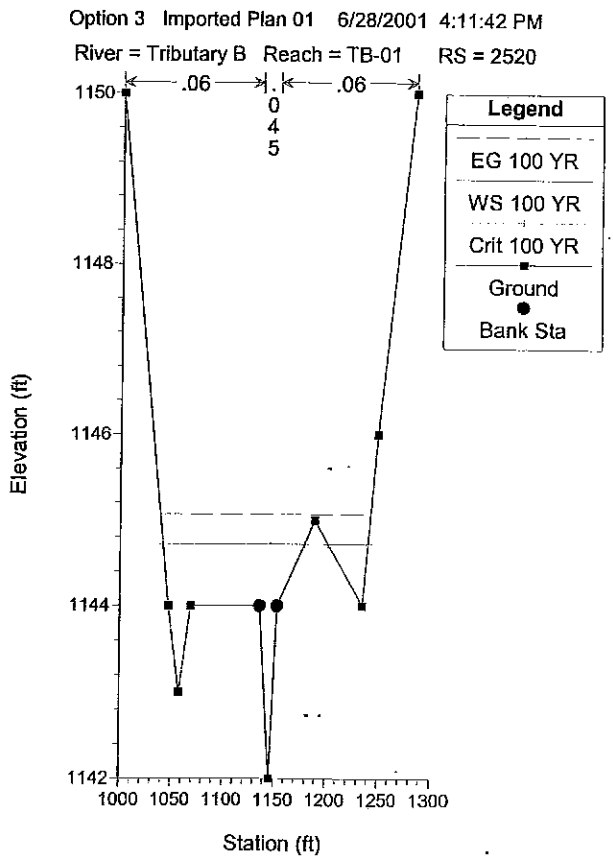
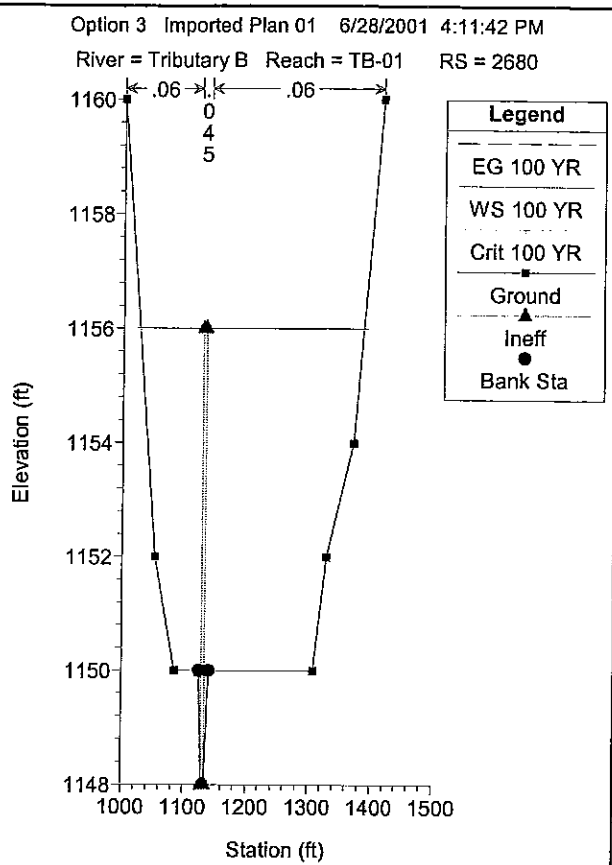
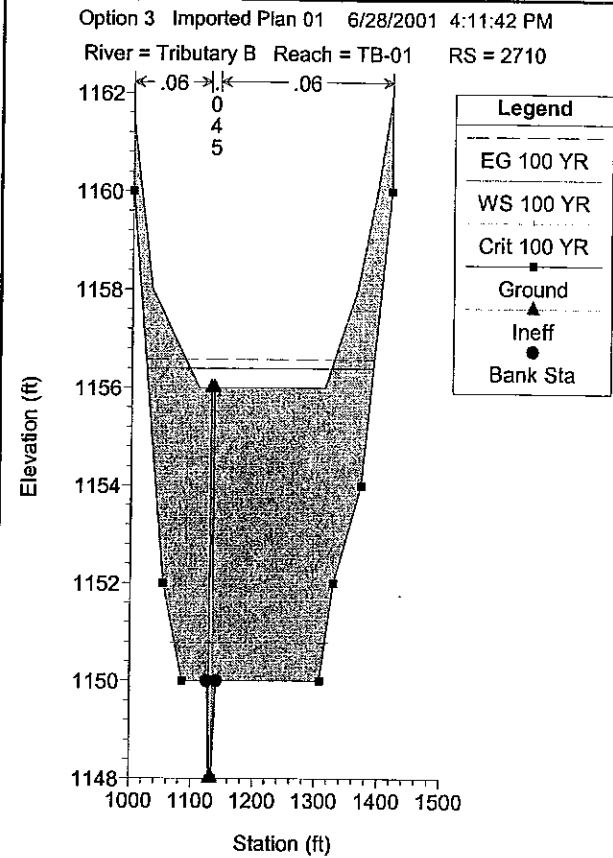
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary B Reach = TB-01 RS = 4130

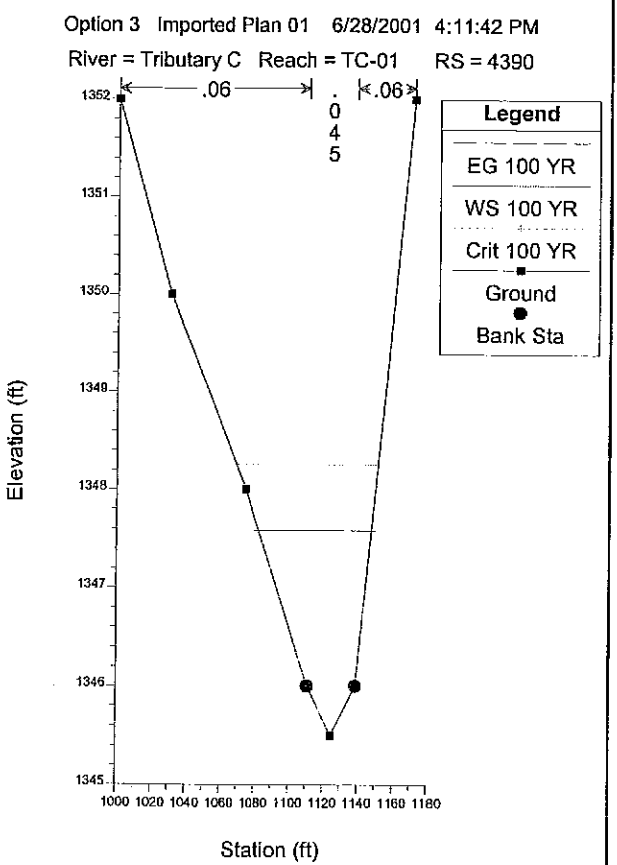
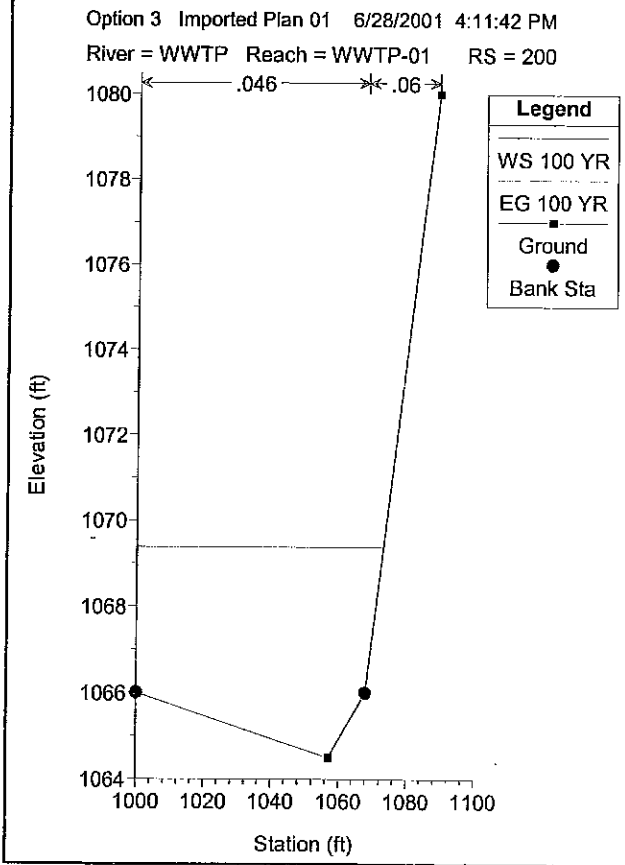
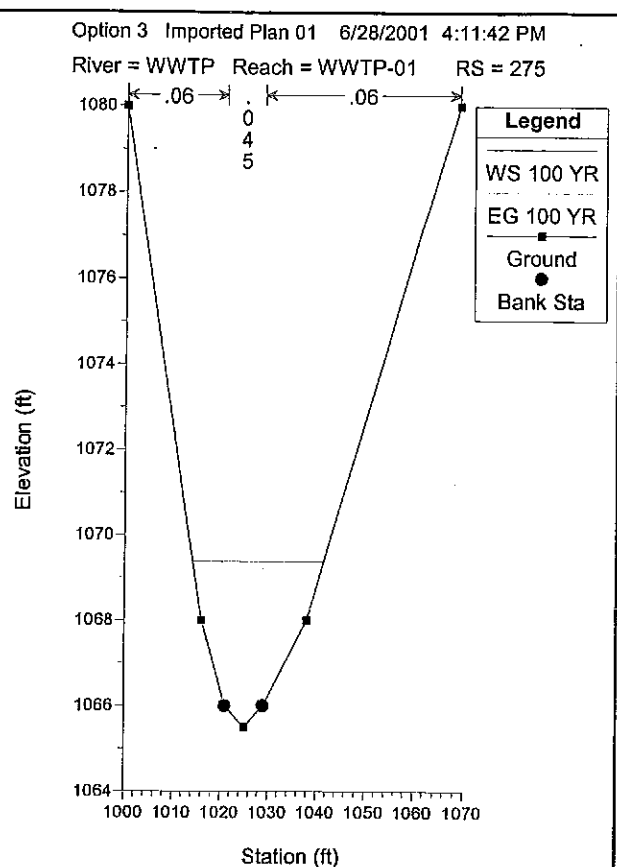
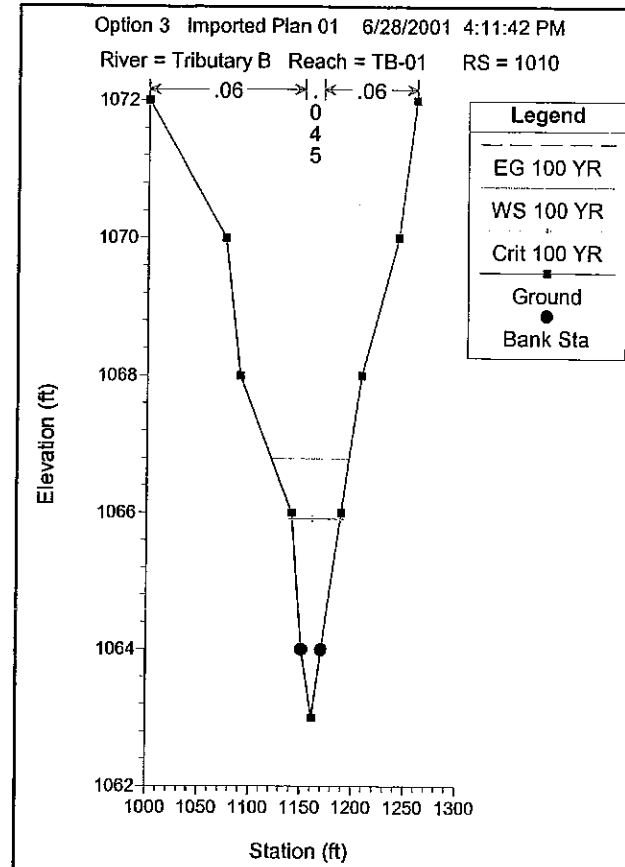


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary B Reach = TB-01 RS = 4080

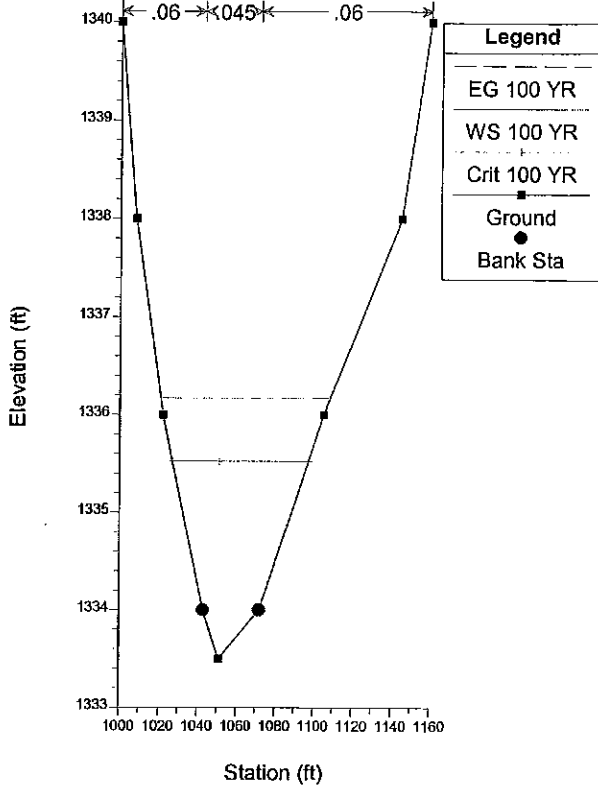




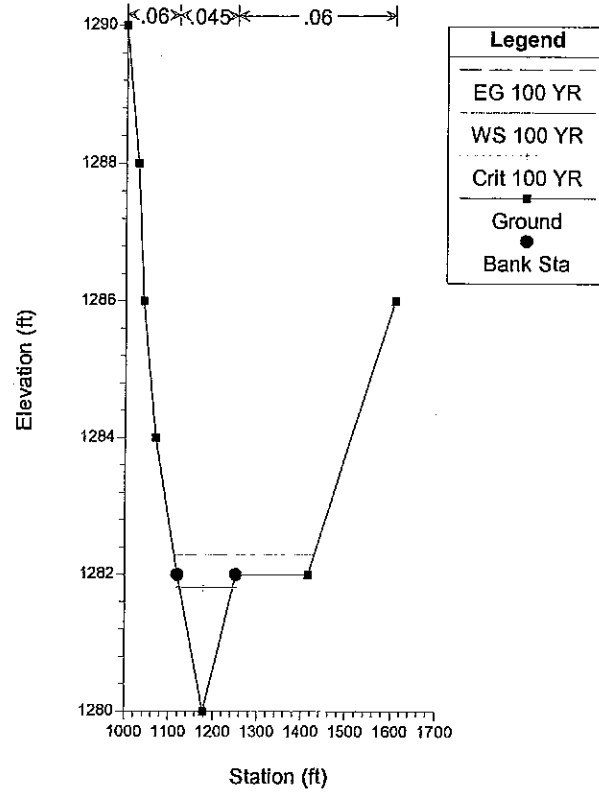




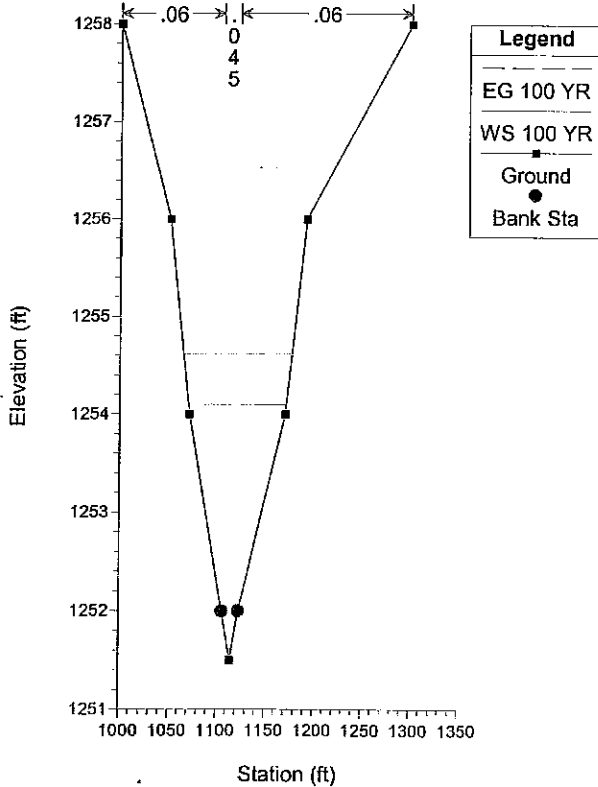
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 4030



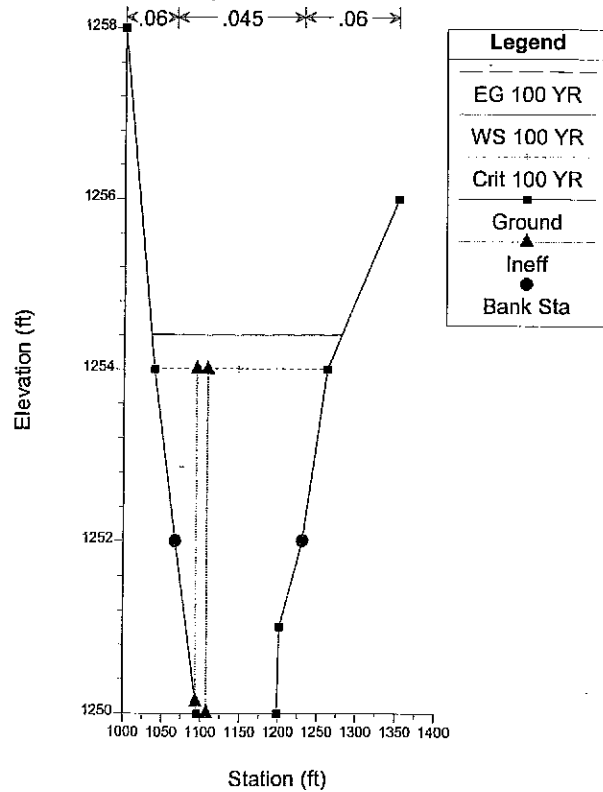
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 2660



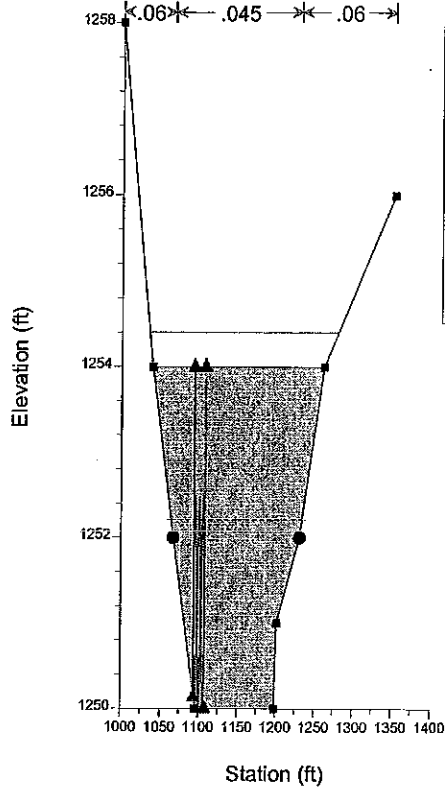
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 2060



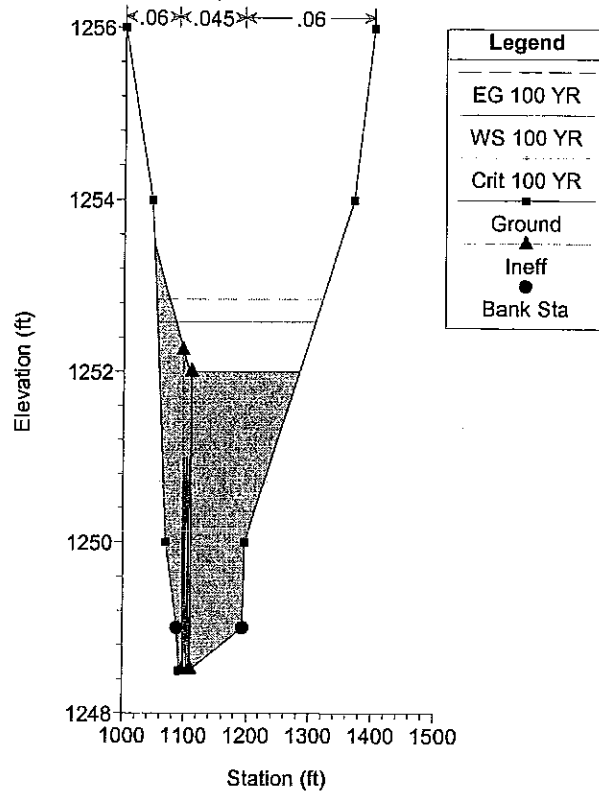
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 1927.5



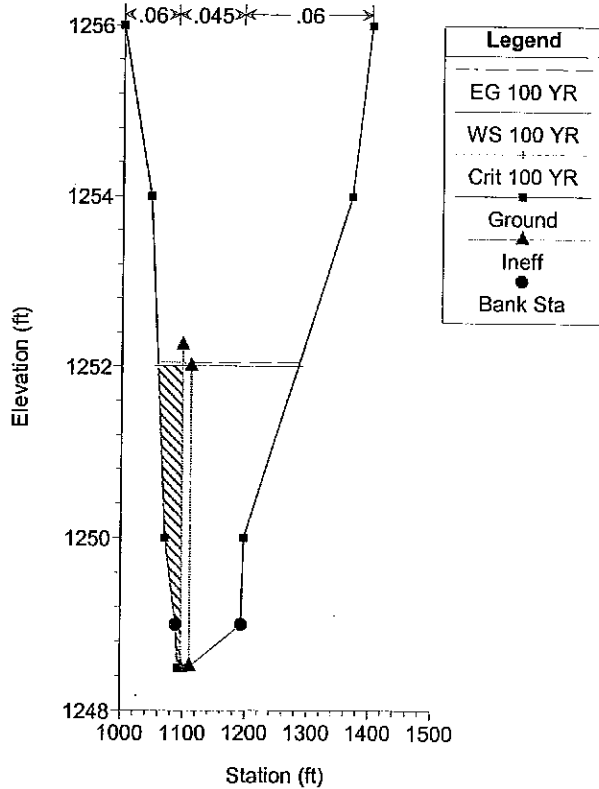
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 1900



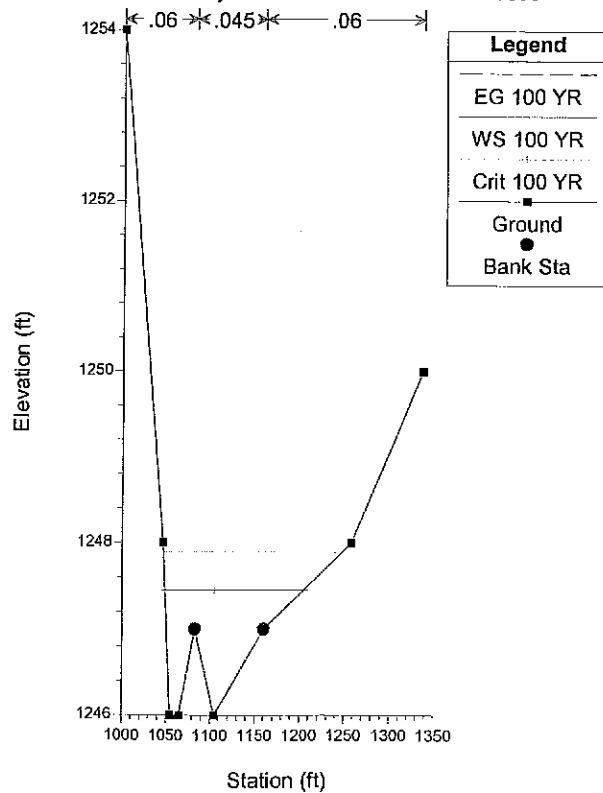
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 1900

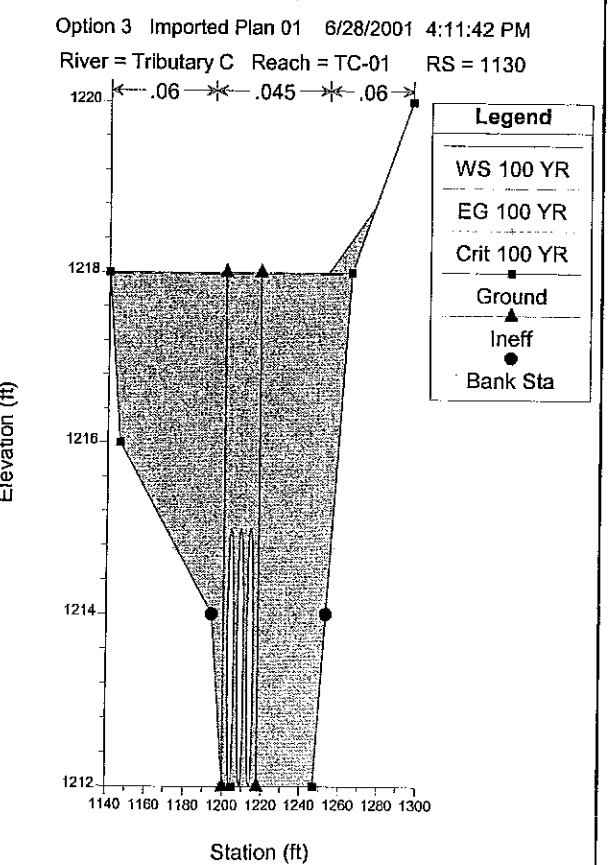
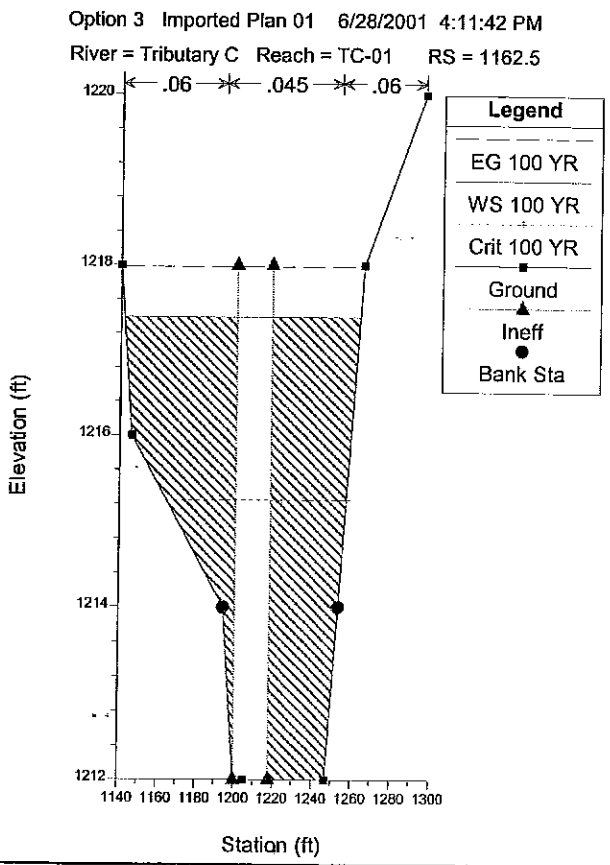
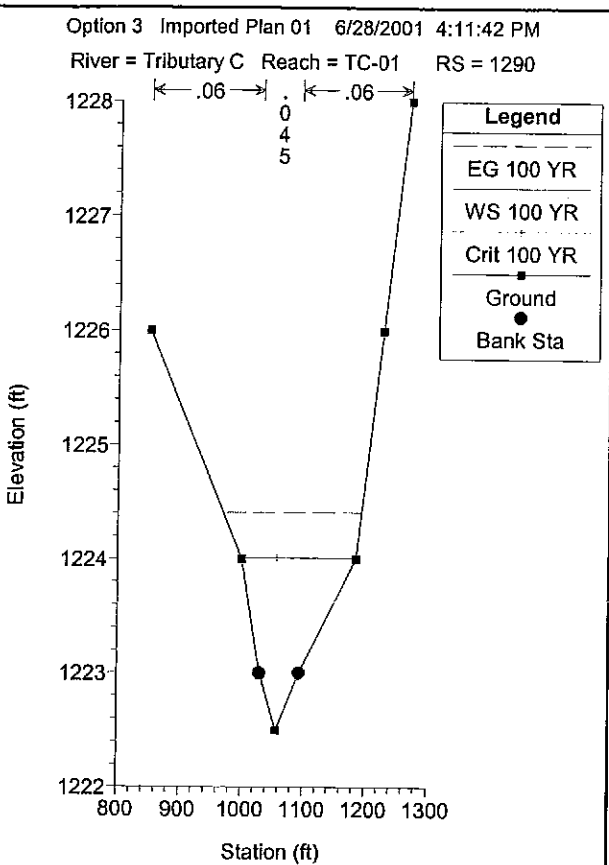
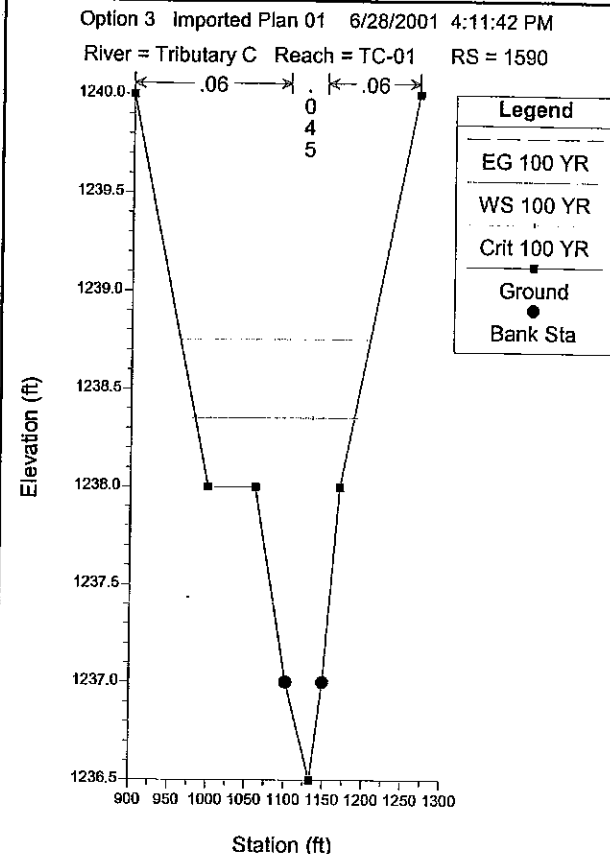


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 1872.5

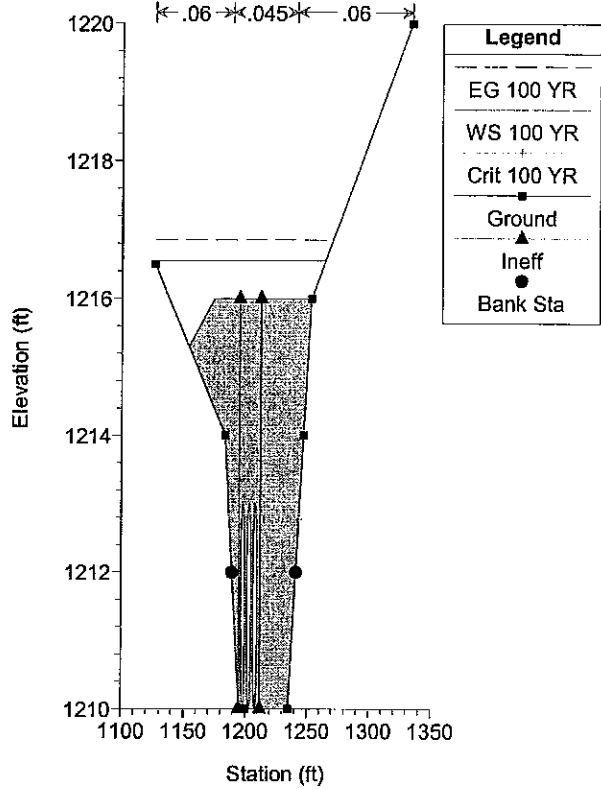


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 1830

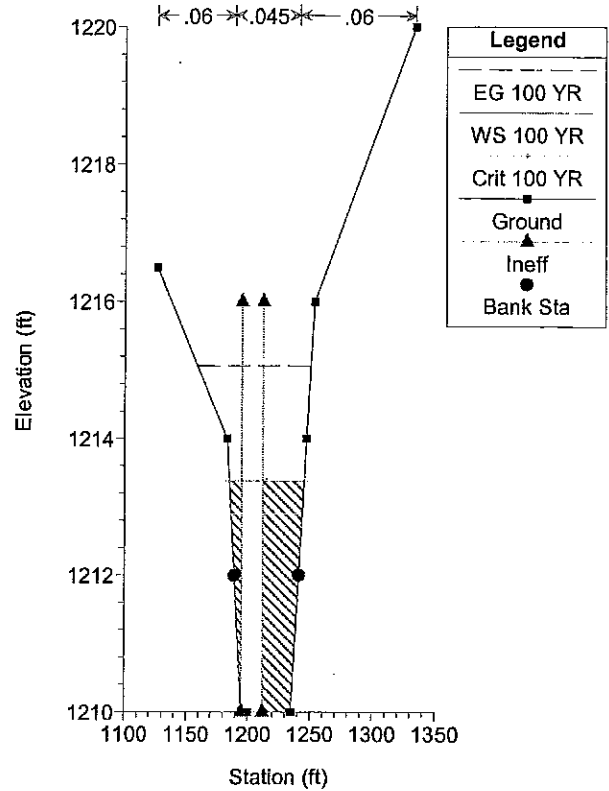




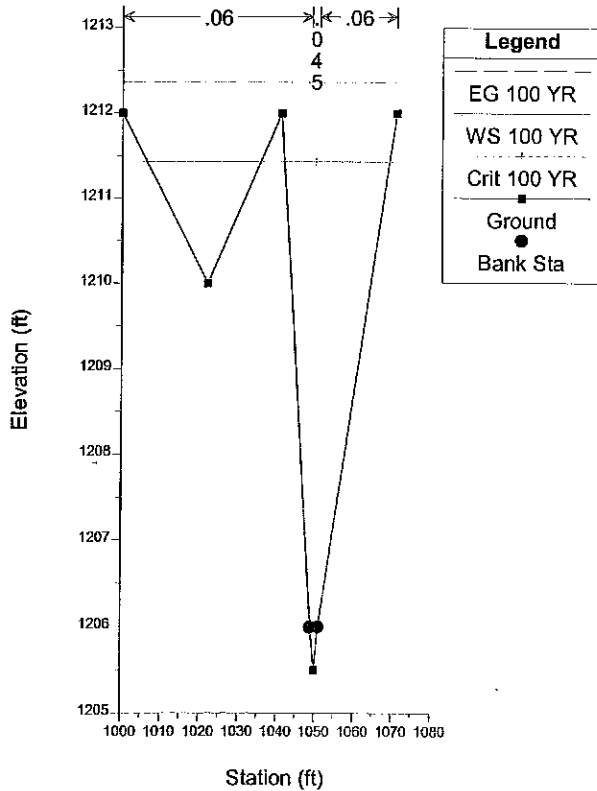
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 1130



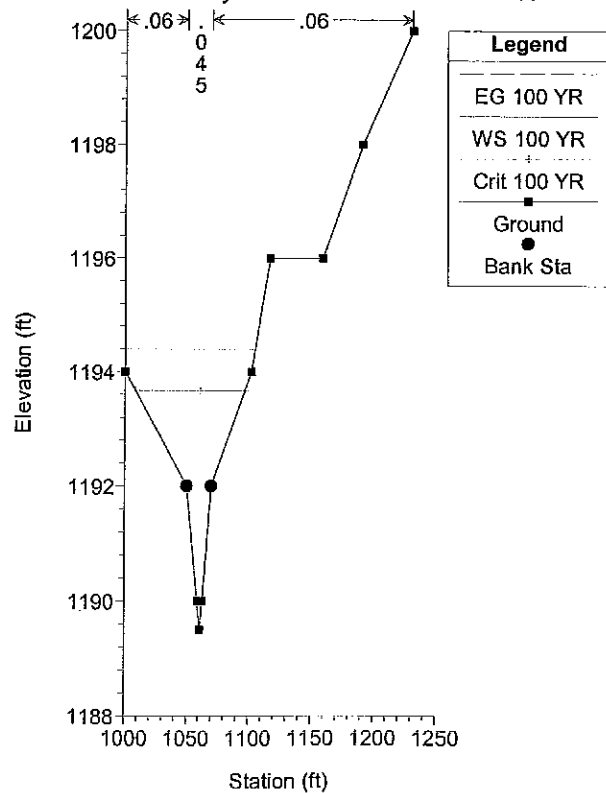
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 1097.5

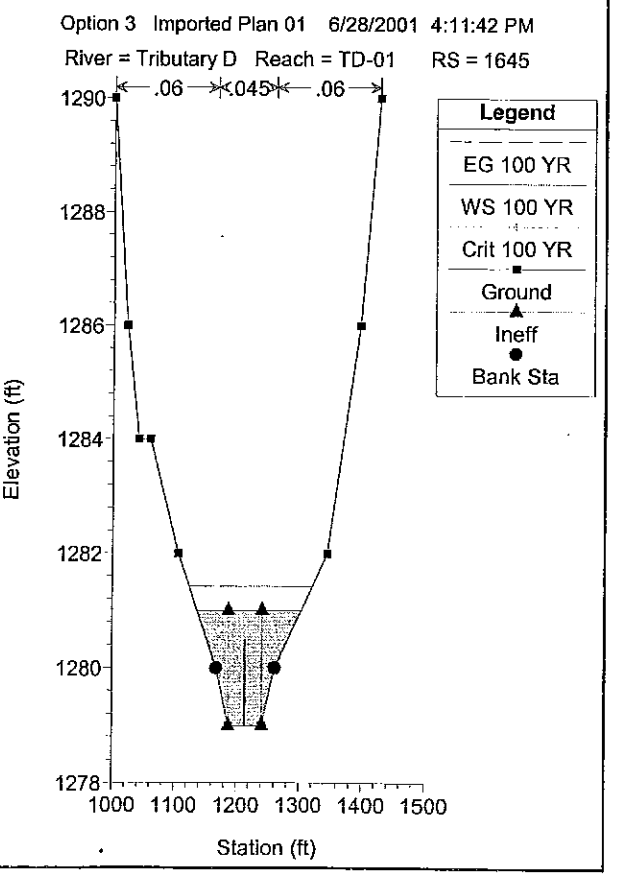
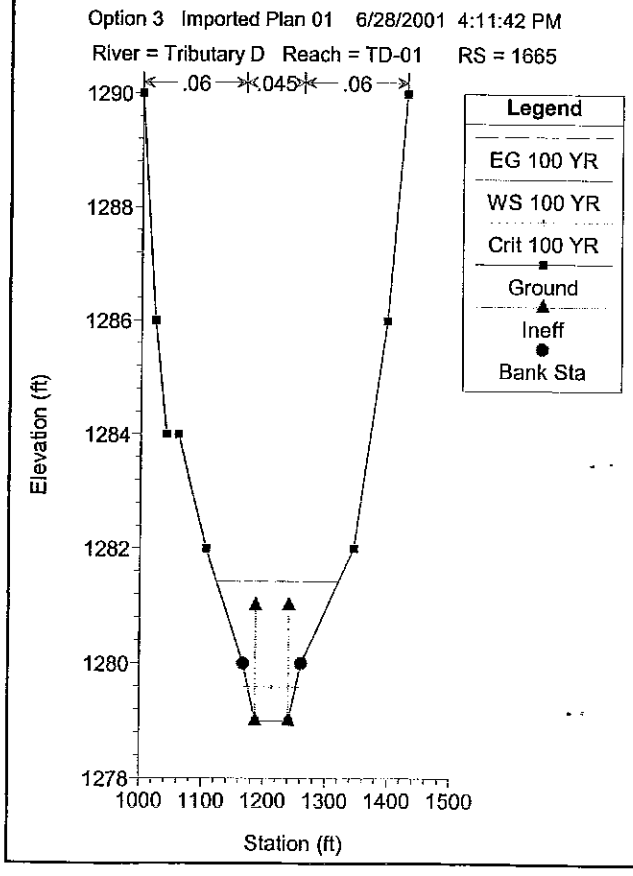
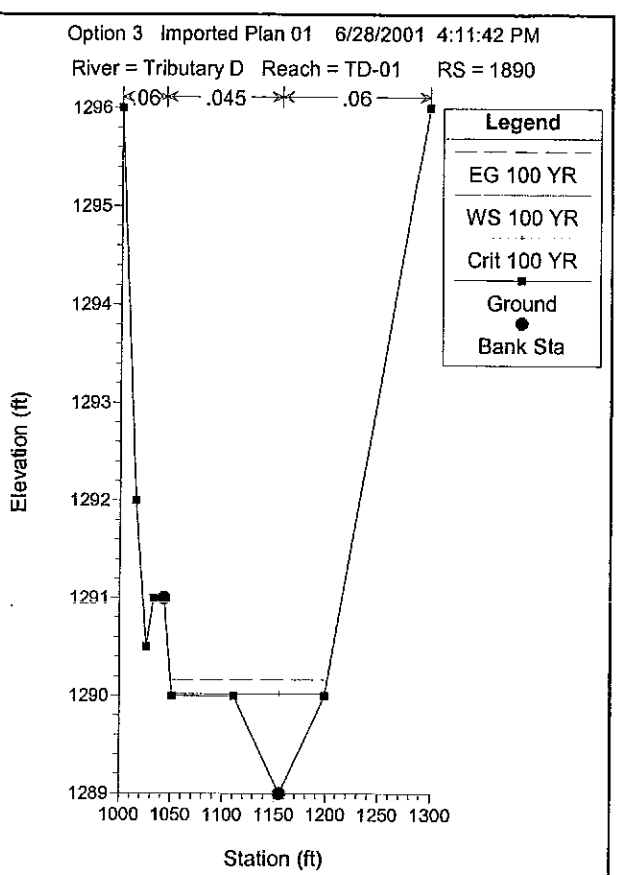
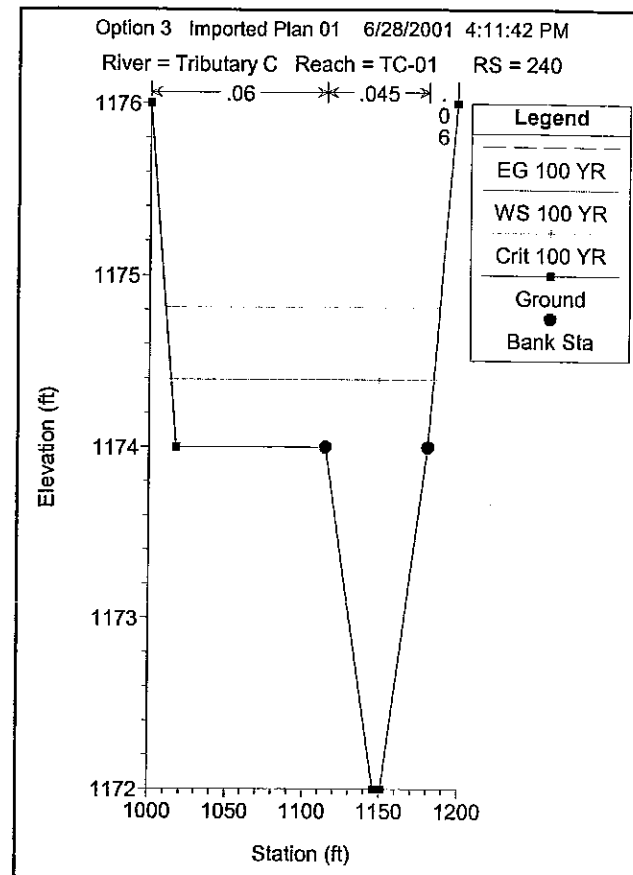


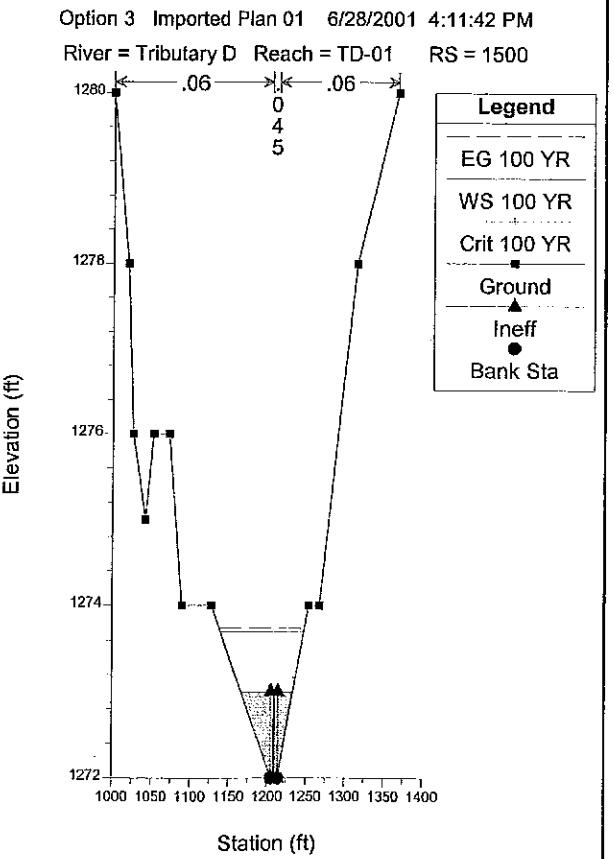
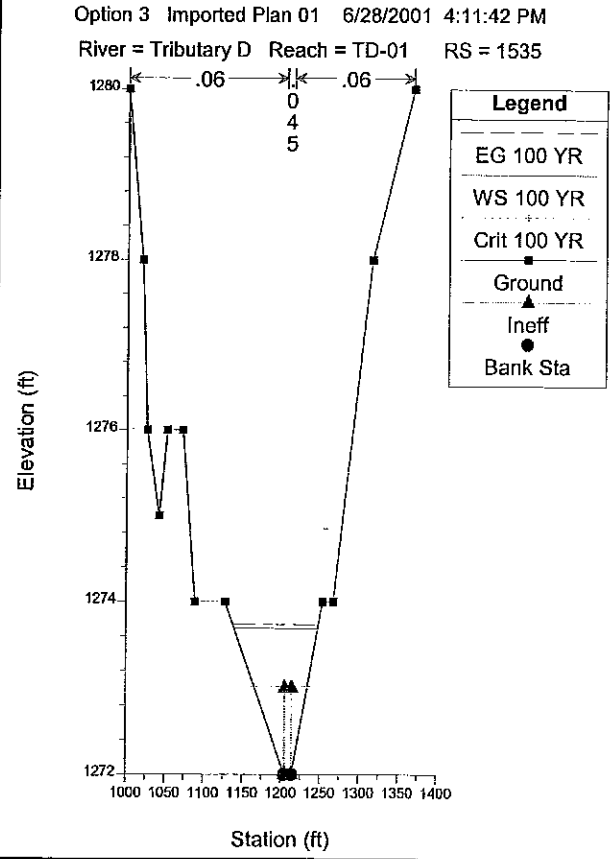
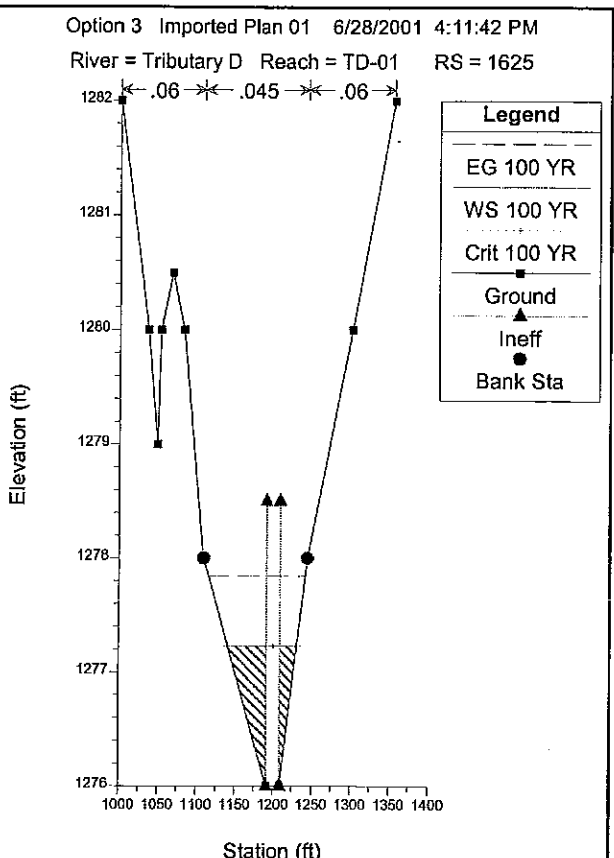
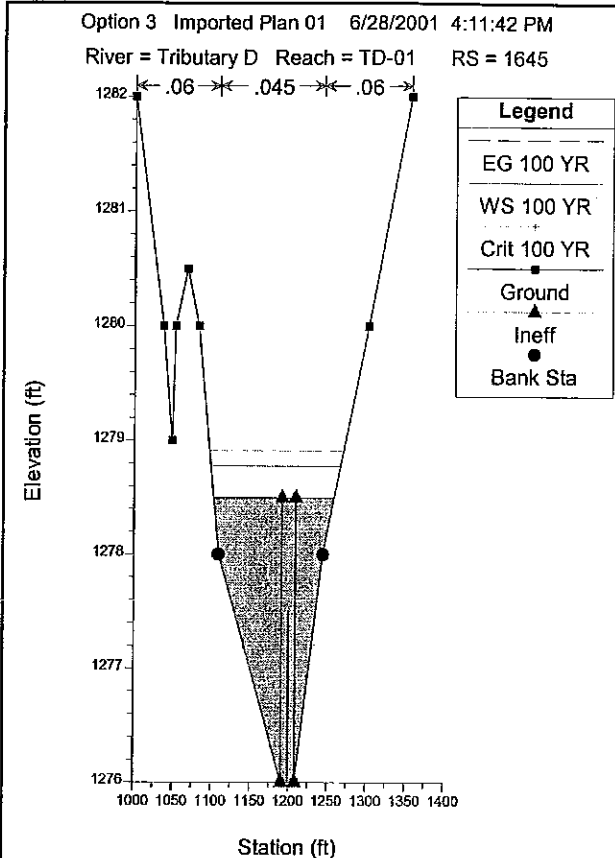
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 1020

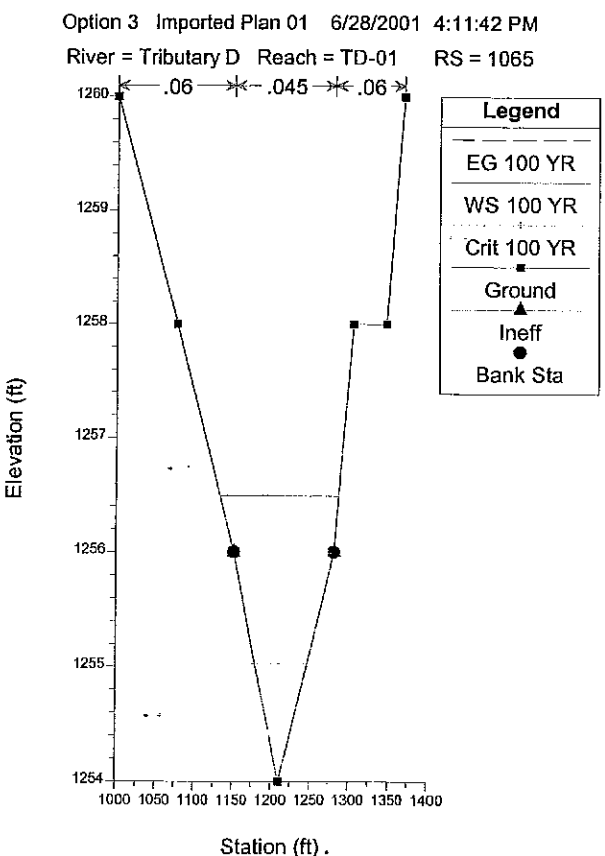
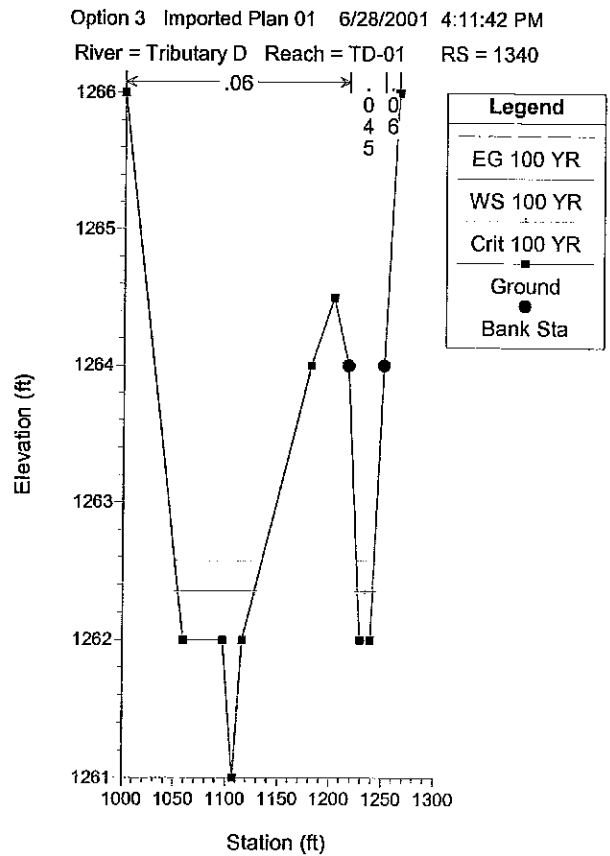
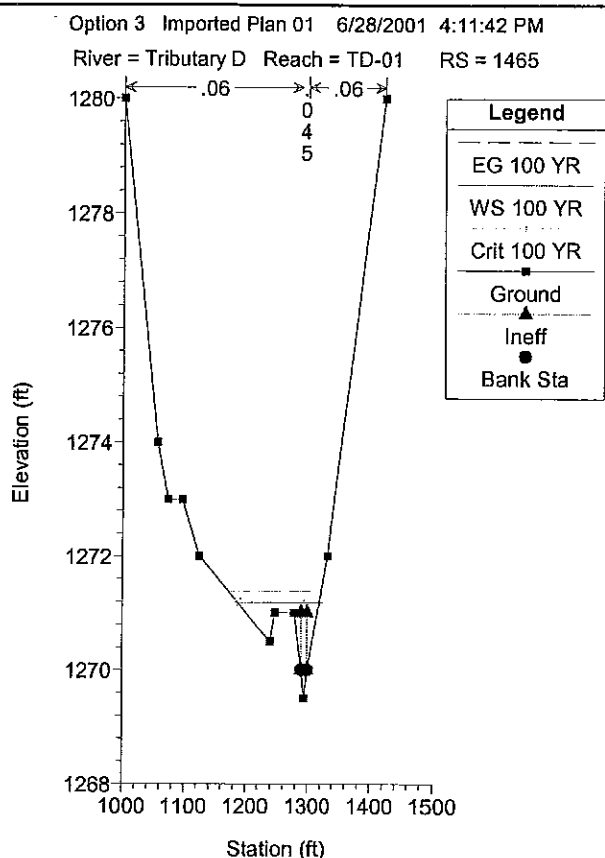
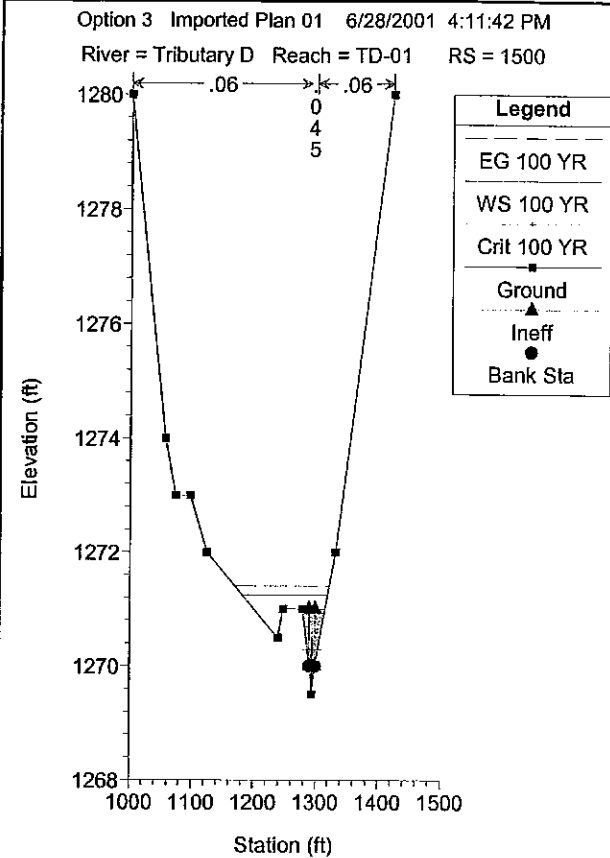


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary C Reach = TC-01 RS = 650

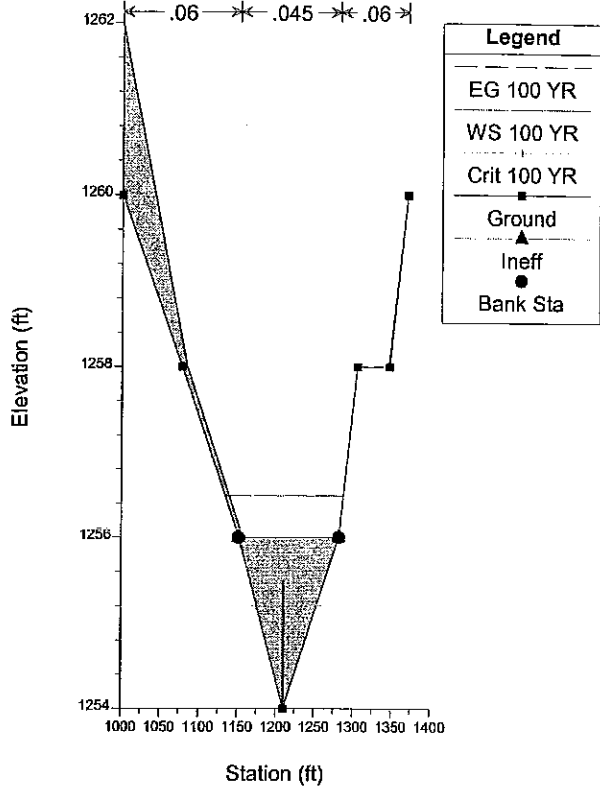




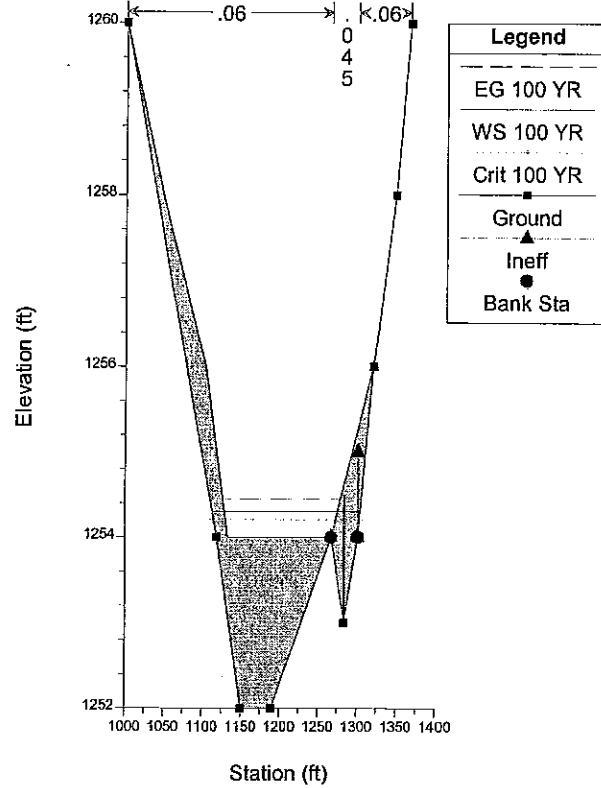




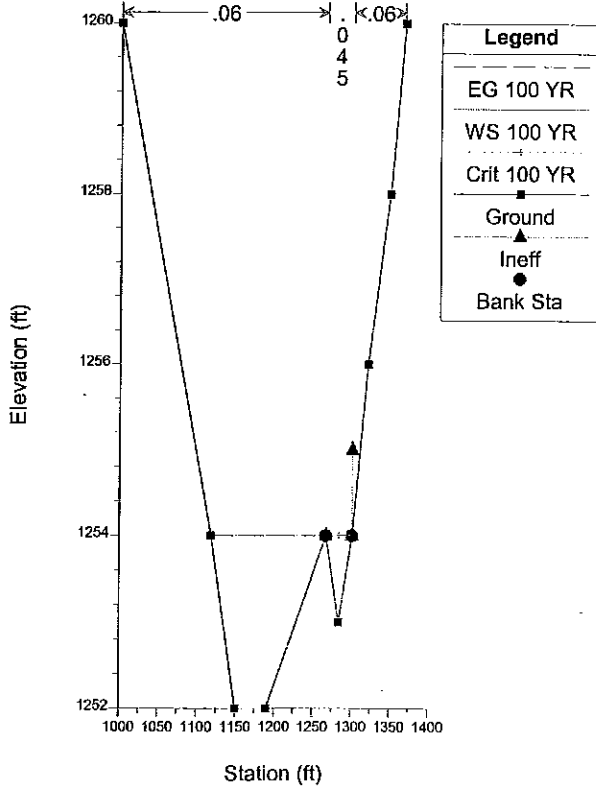
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary D Reach = TD-01 RS = 1040



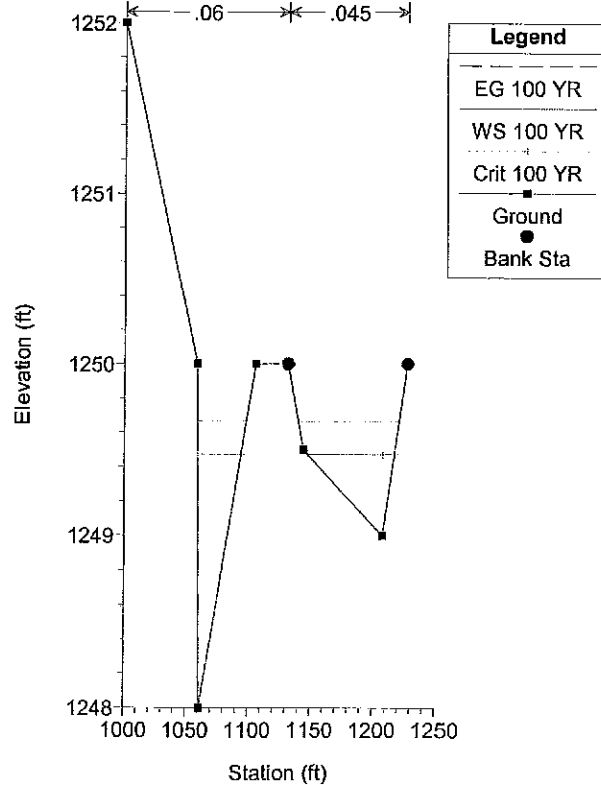
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary D Reach = TD-01 RS = 1040



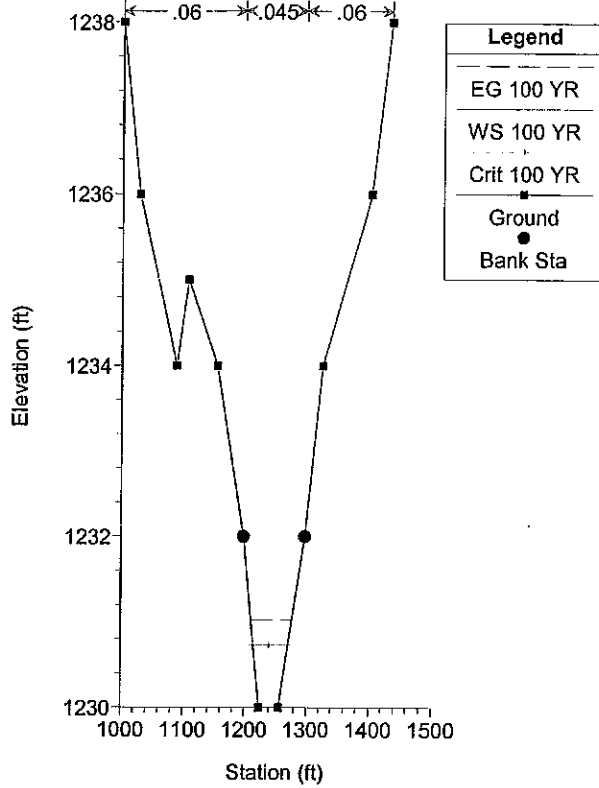
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary D Reach = TD-01 RS = 1015



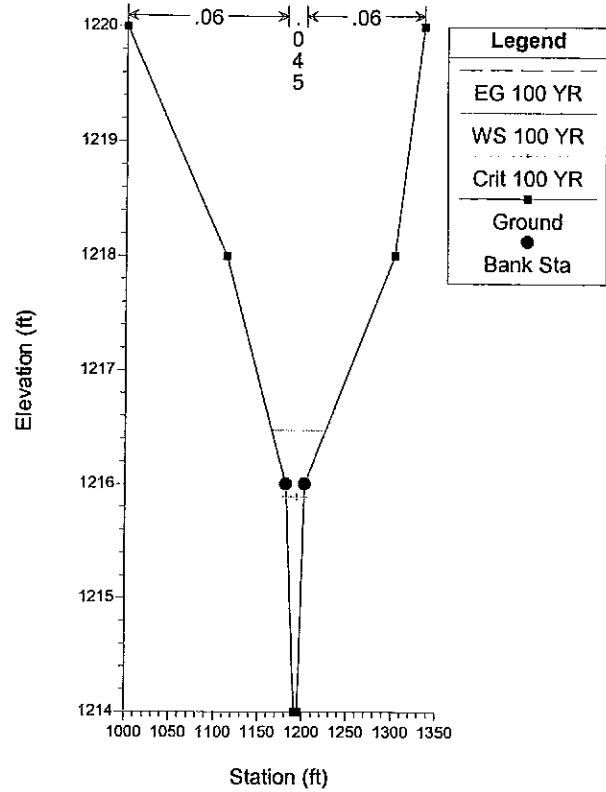
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary D Reach = TD-01 RS = 940



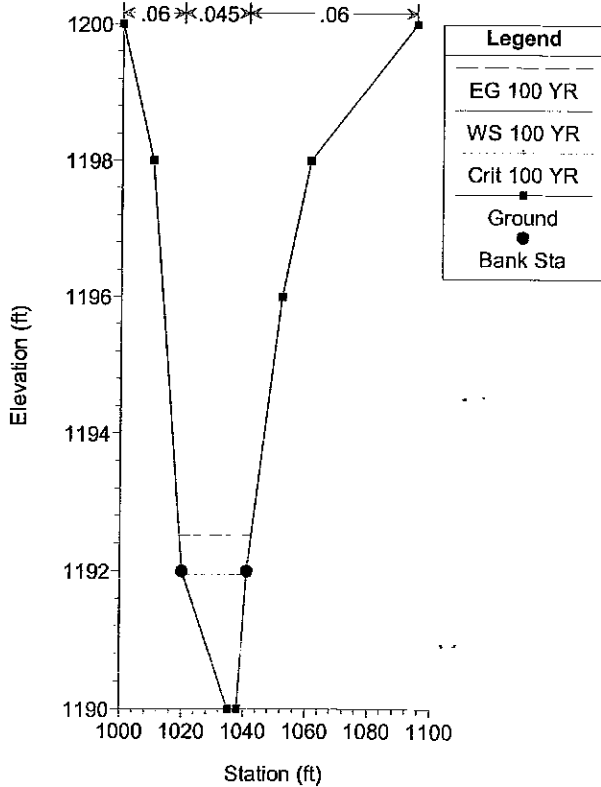
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary D Reach = TD-01 RS = 660



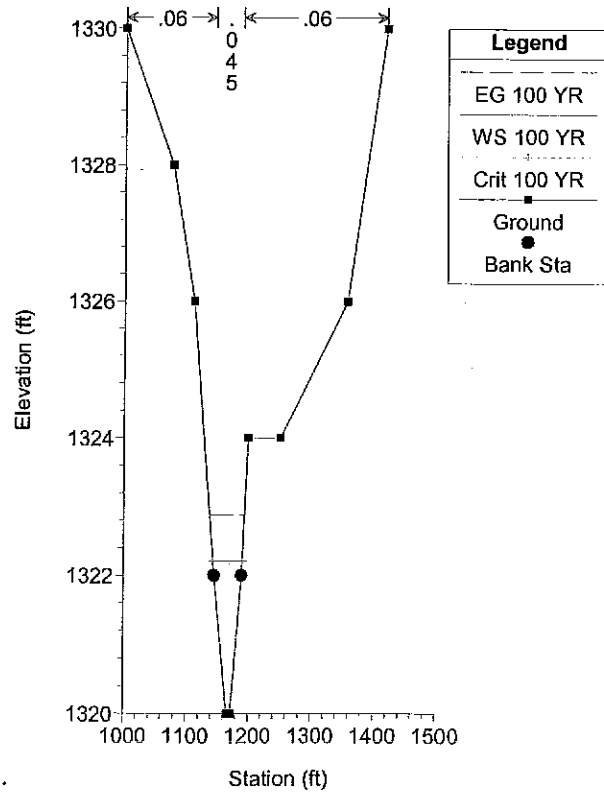
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary D Reach = TD-01 RS = 380



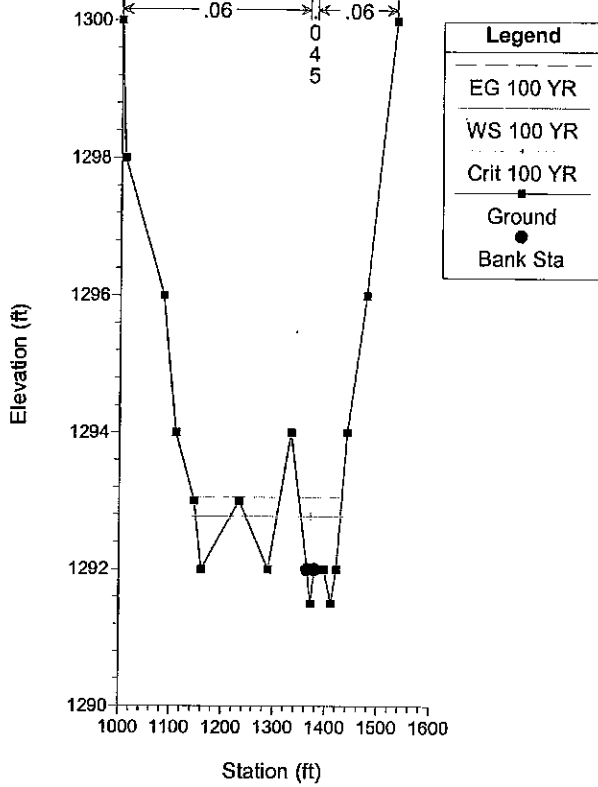
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary D Reach = TD-01 RS = 120



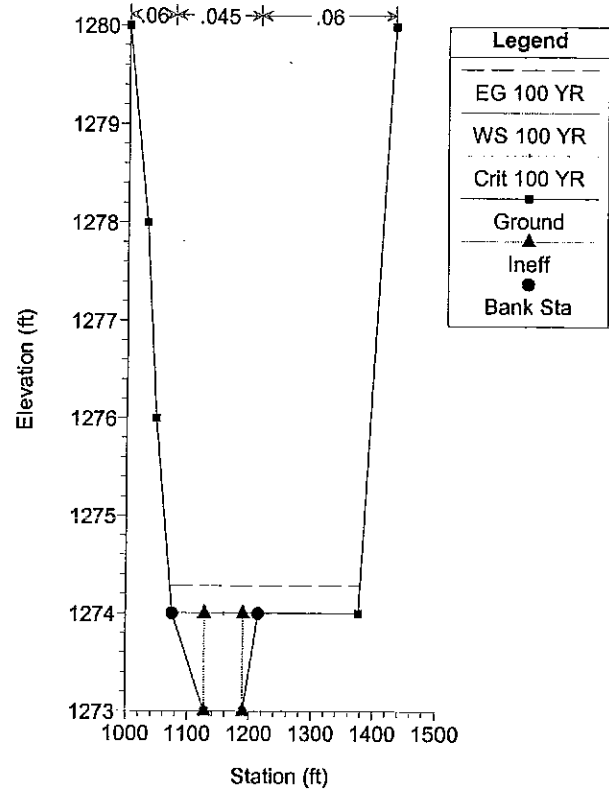
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-07 RS = 27840



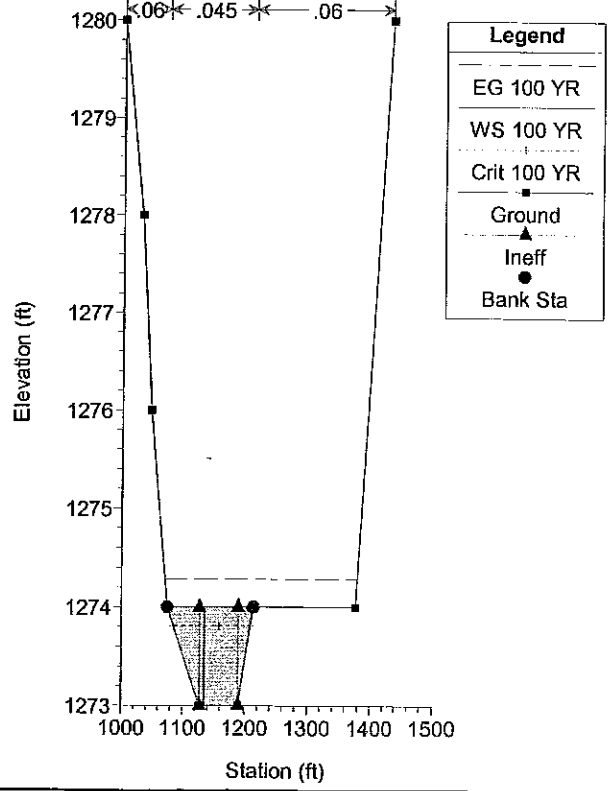
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-07 RS = 27180



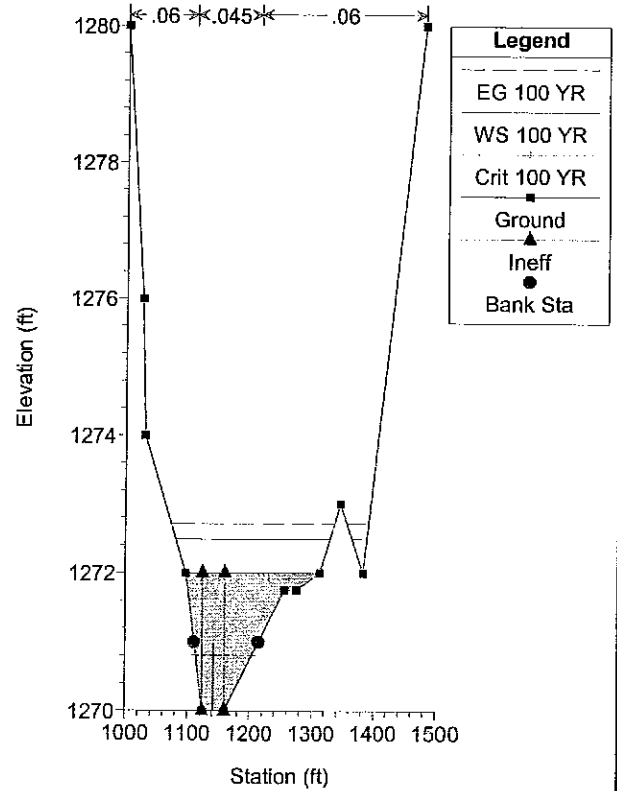
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-07 RS = 26775

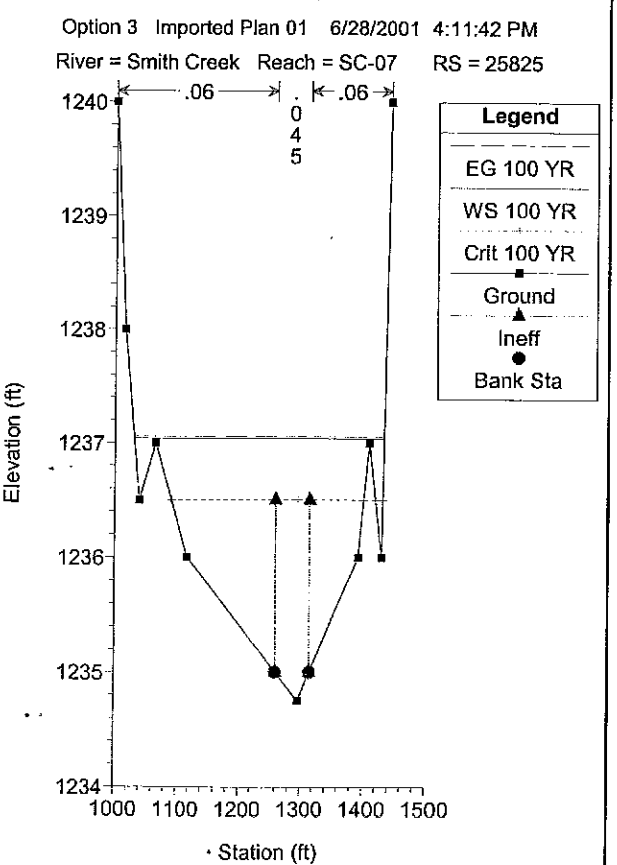
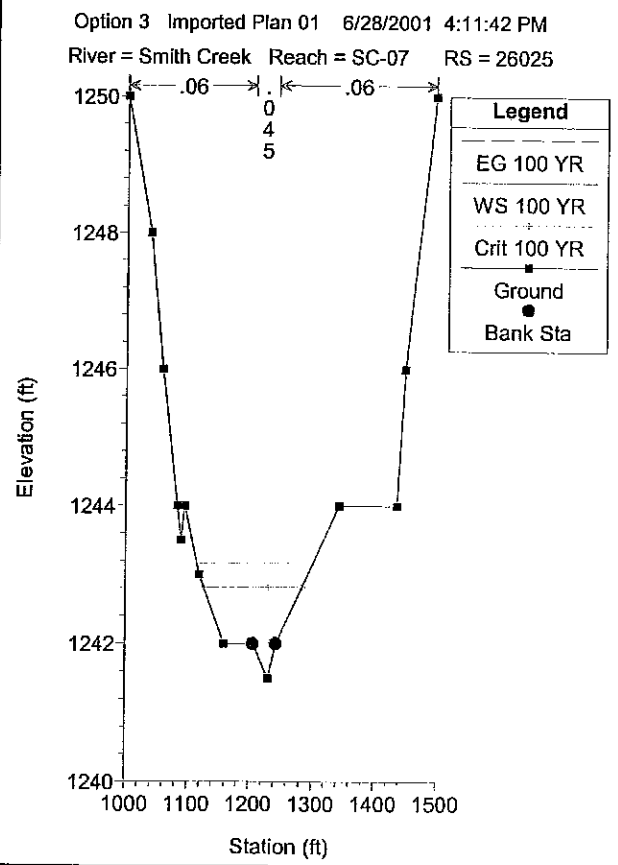
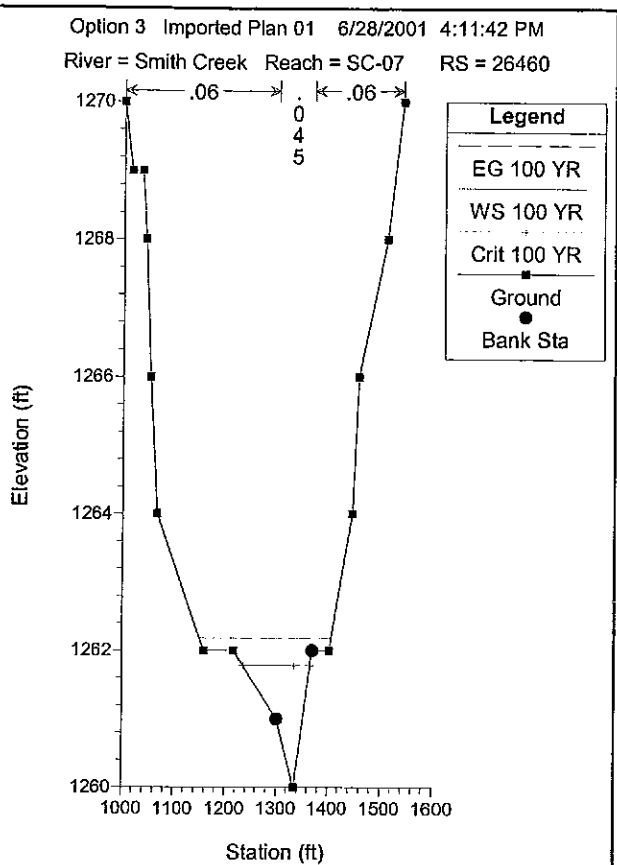
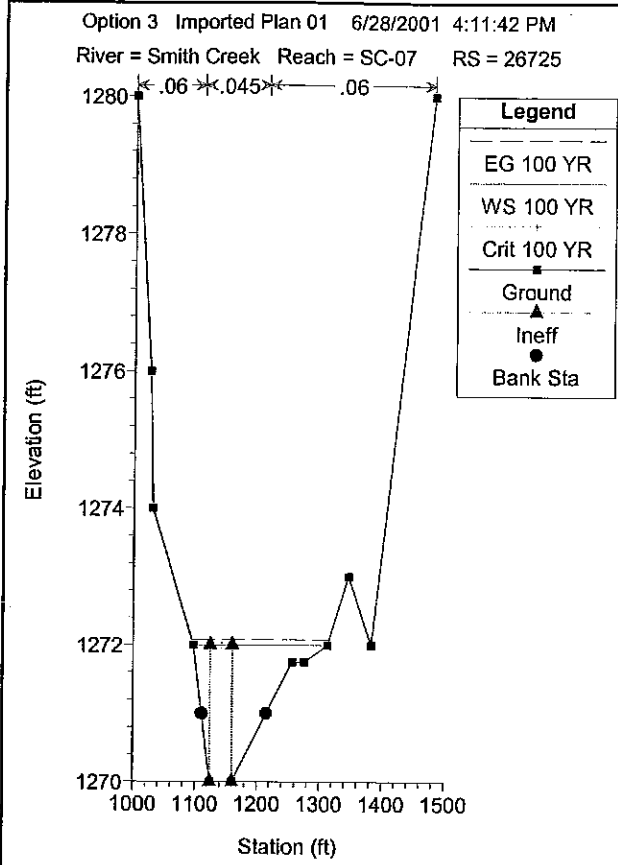


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-07 RS = 26750

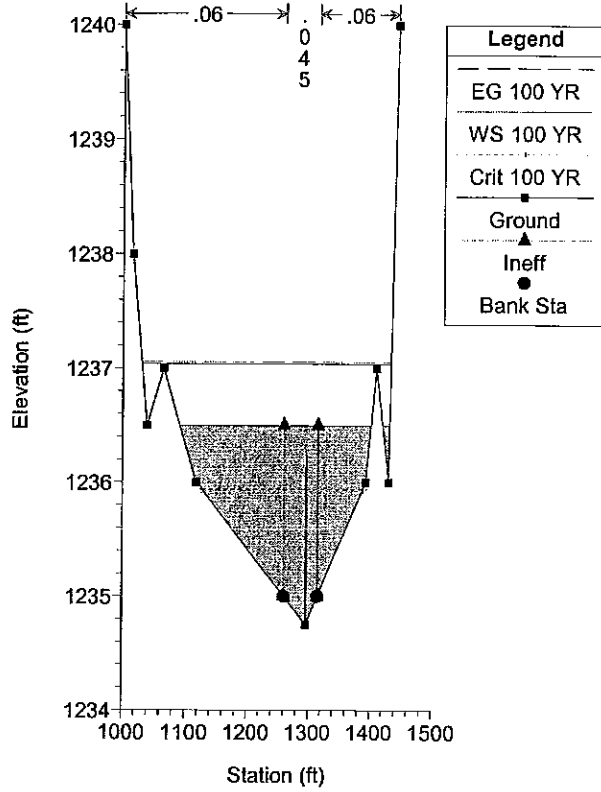


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-07 RS = 26750

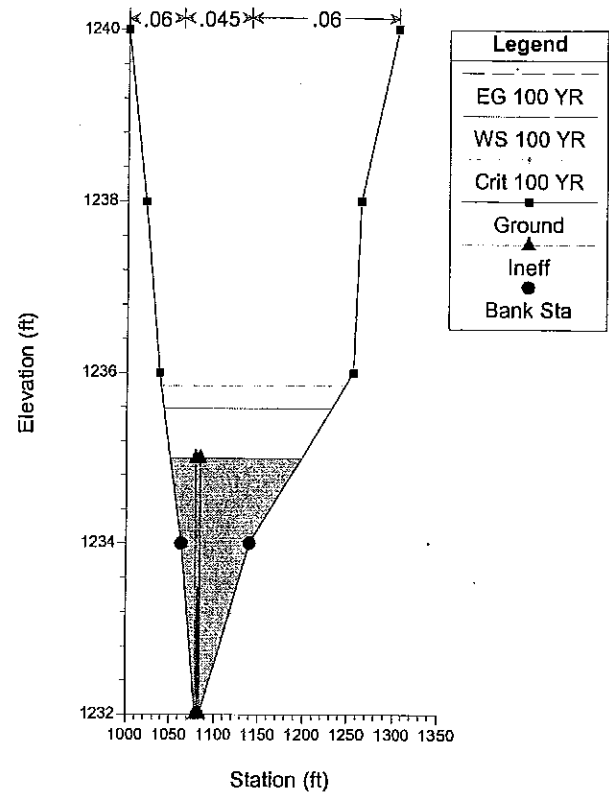




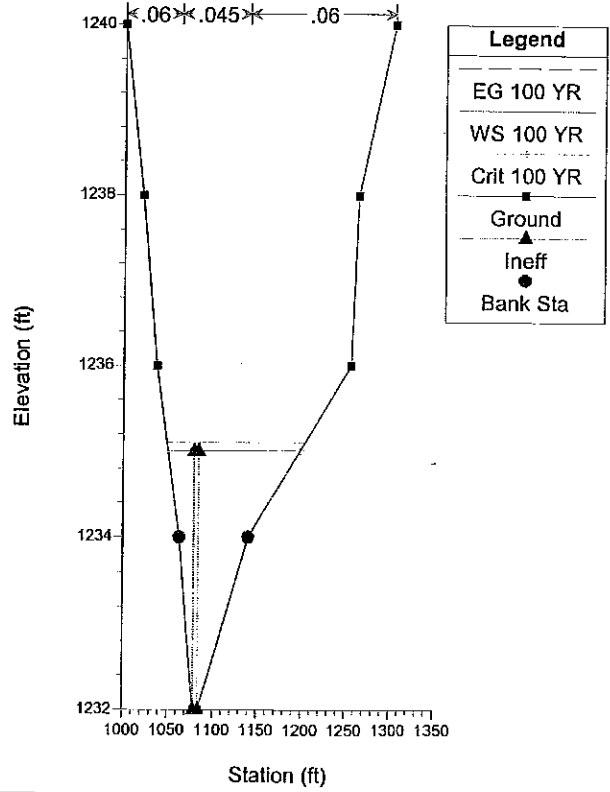
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-07 RS = 25800



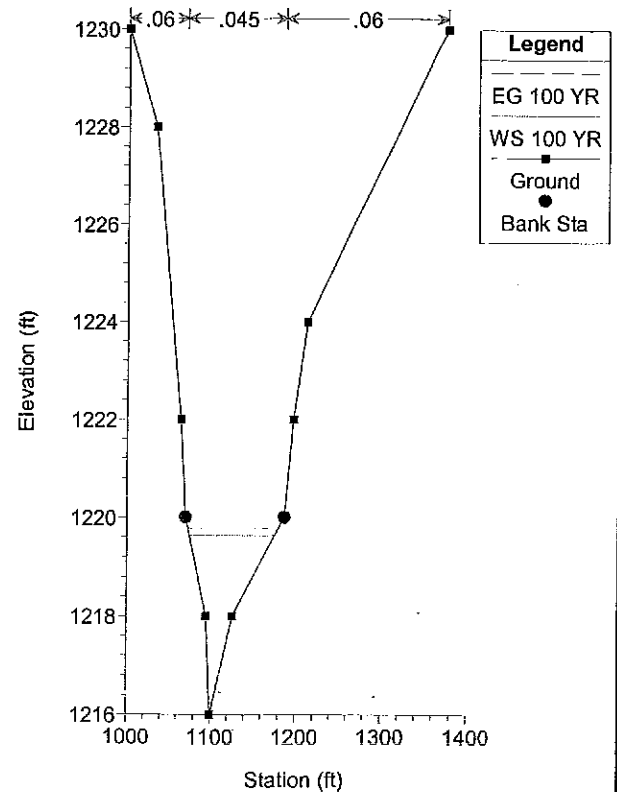
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-07 RS = 25800

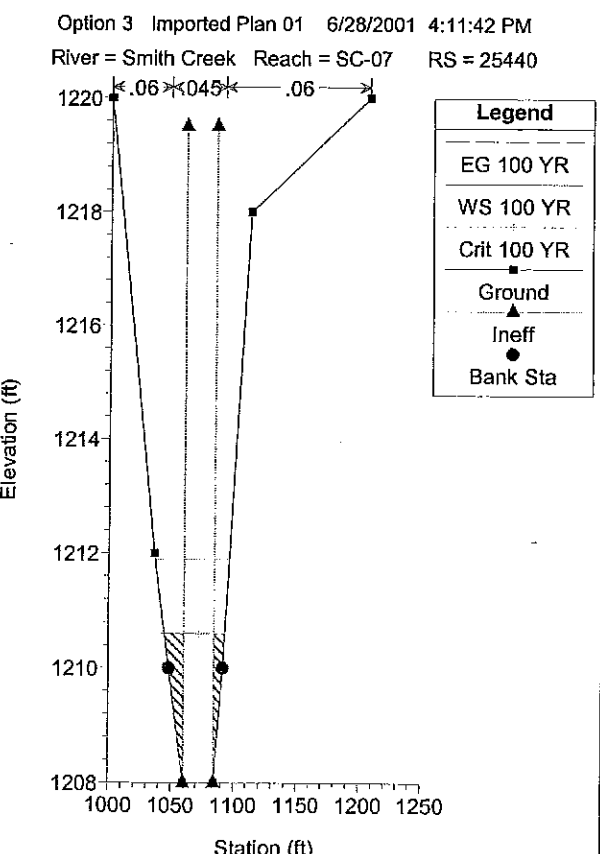
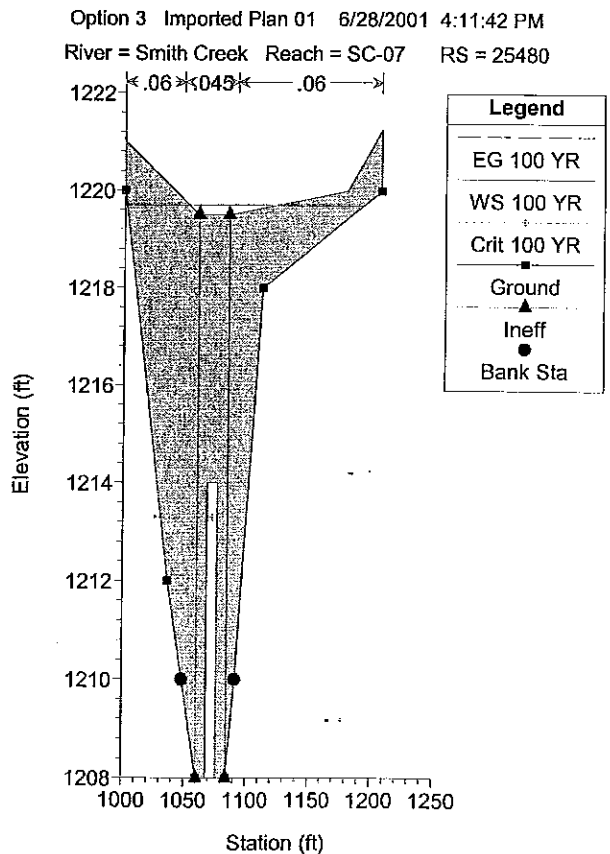
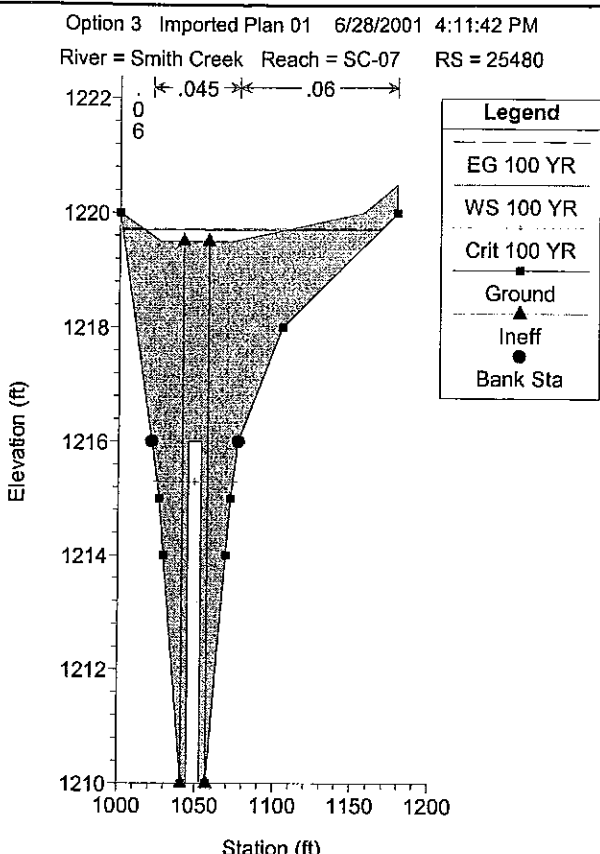
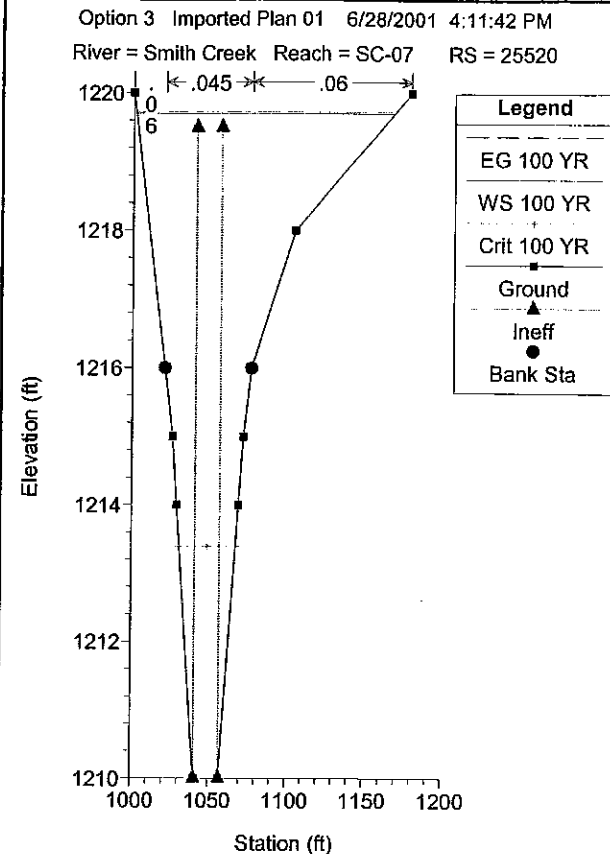


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-07 RS = 25775

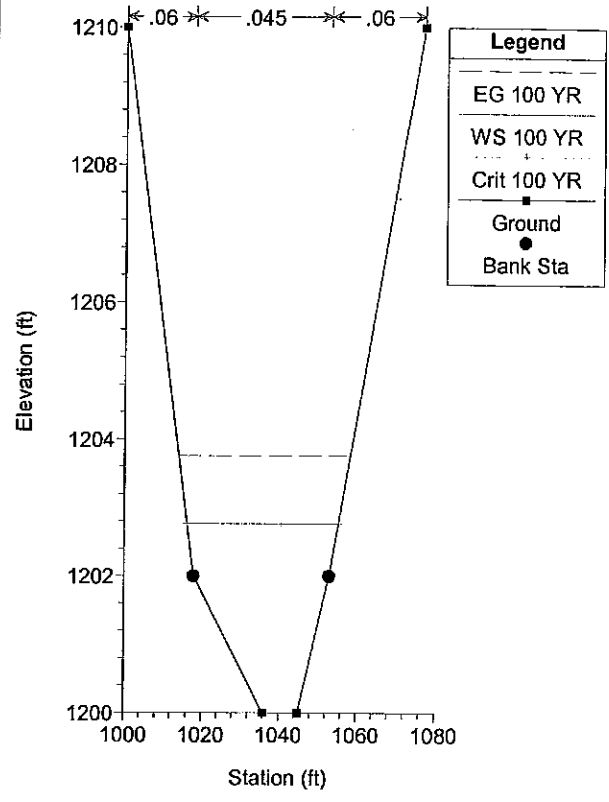


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-07 RS = 25590

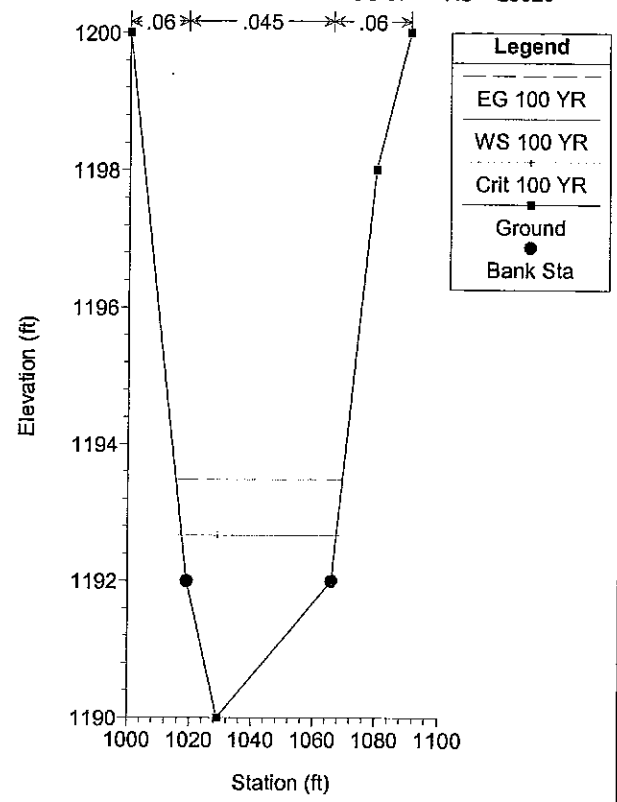




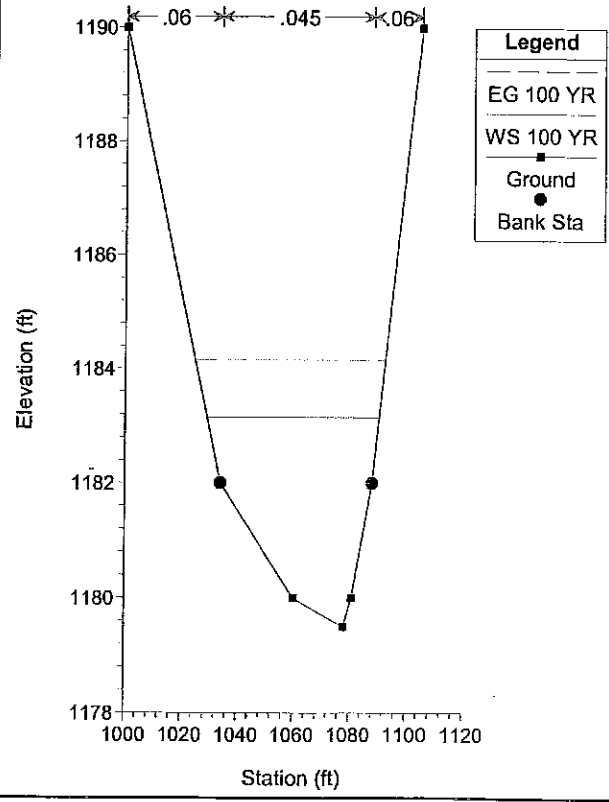
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-07 RS = 25240



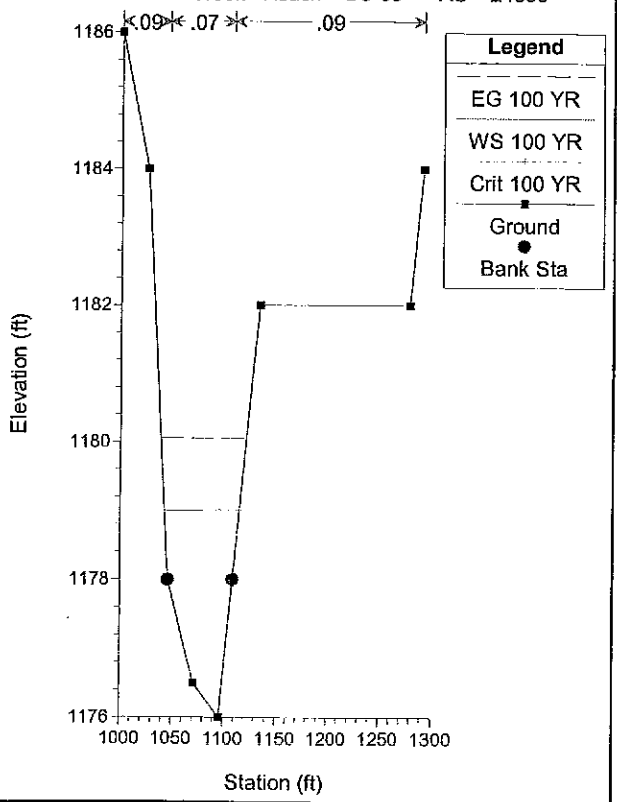
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-07 RS = 25020



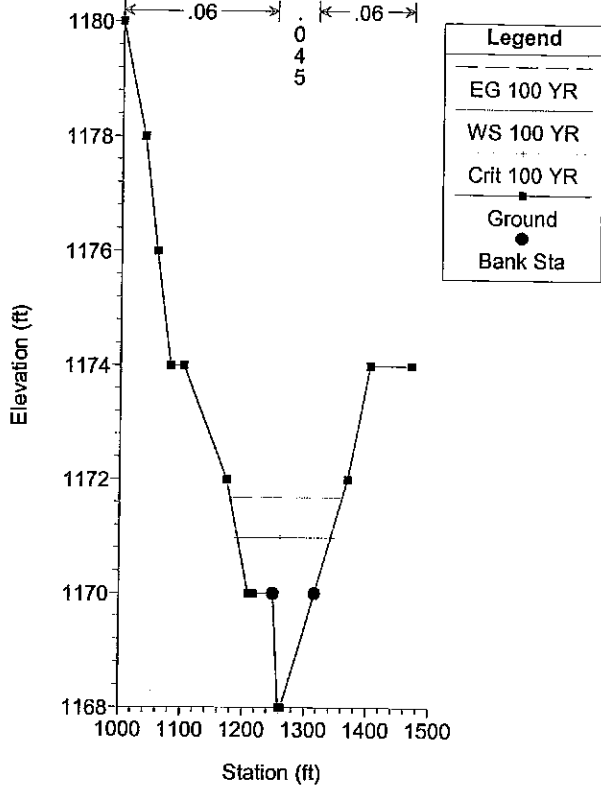
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-06 RS = 24740



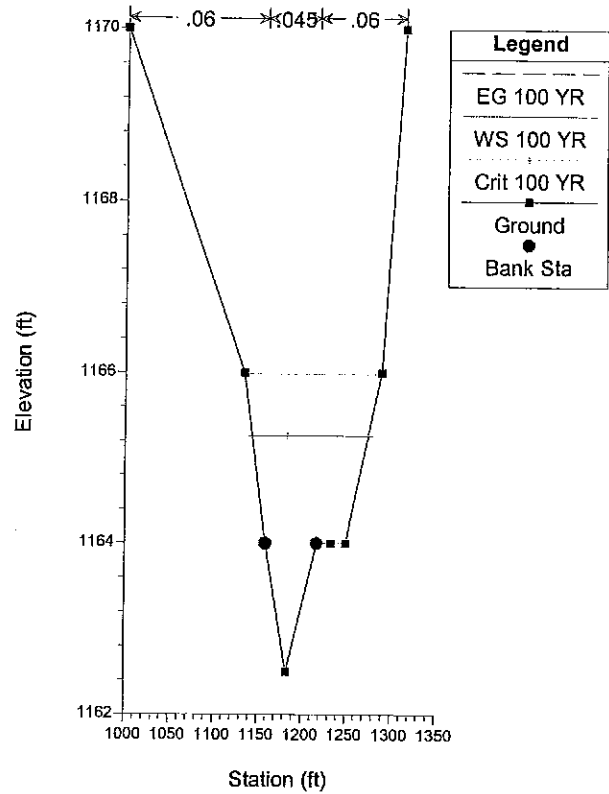
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-06 RS = 24590



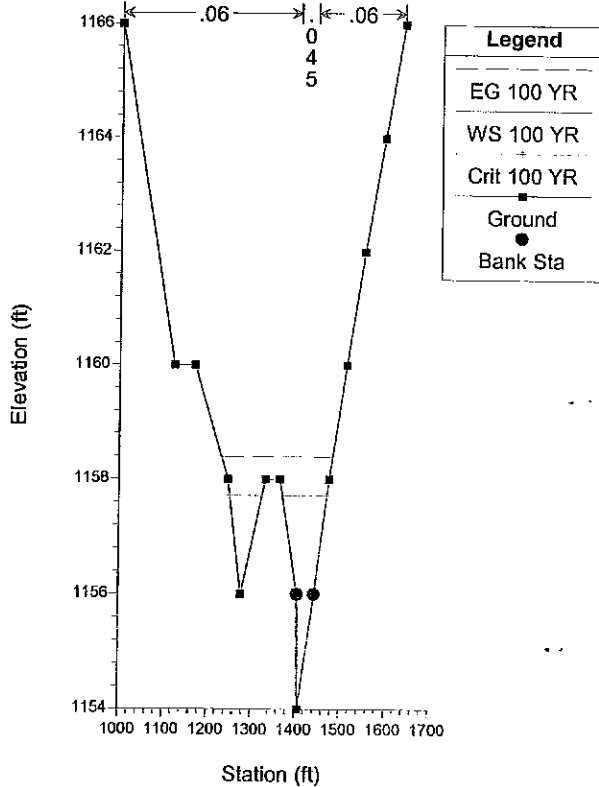
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-06 RS = 24350



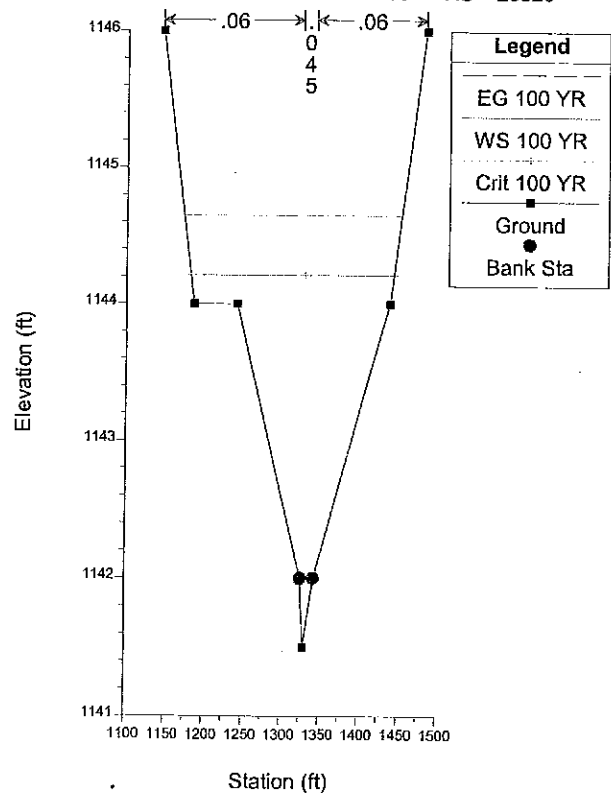
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 24110



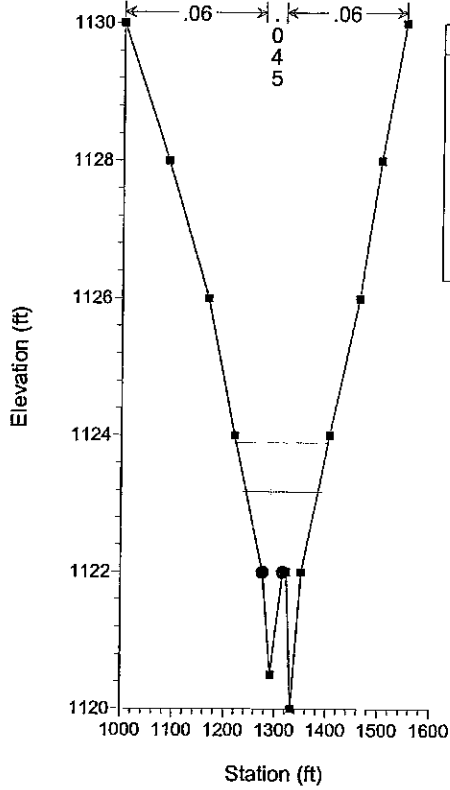
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 23910



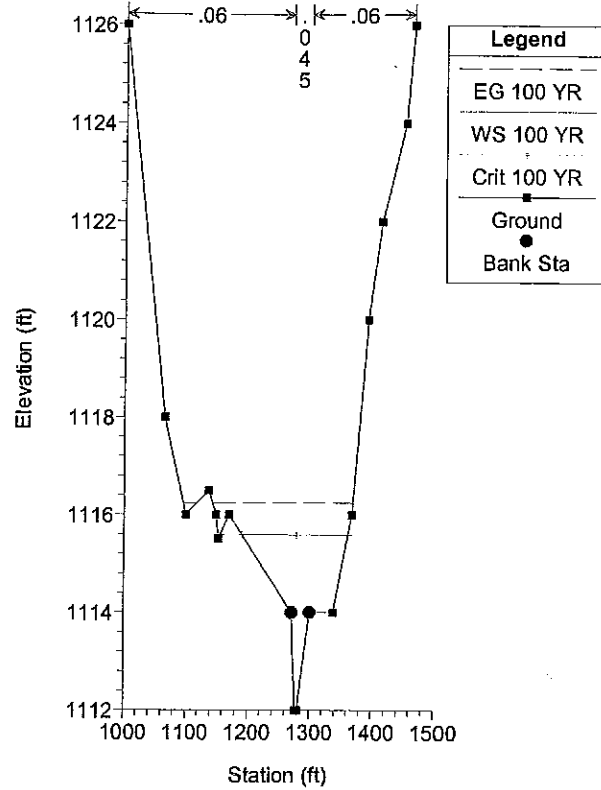
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 23520



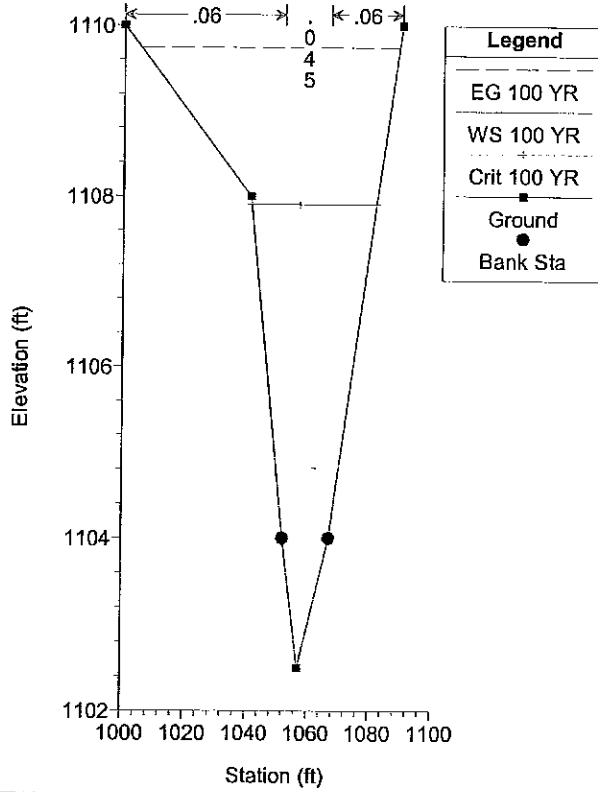
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 22820



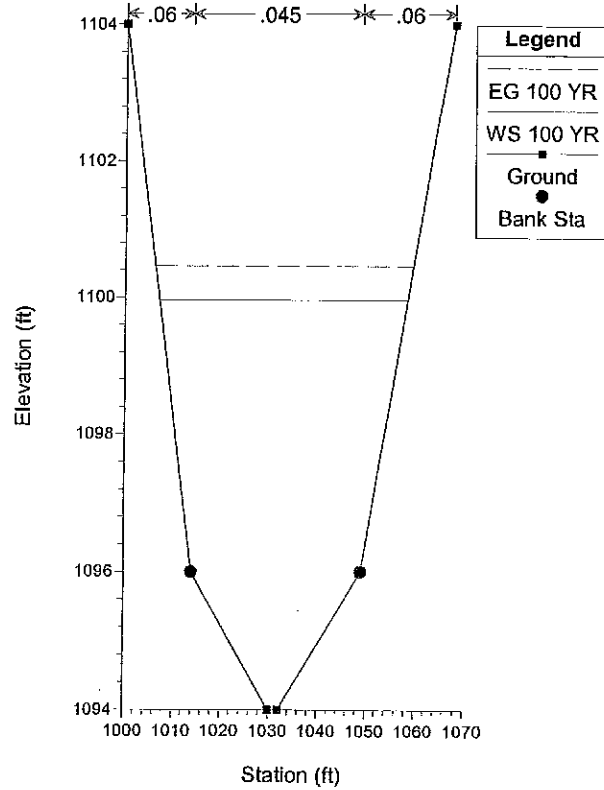
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 22690

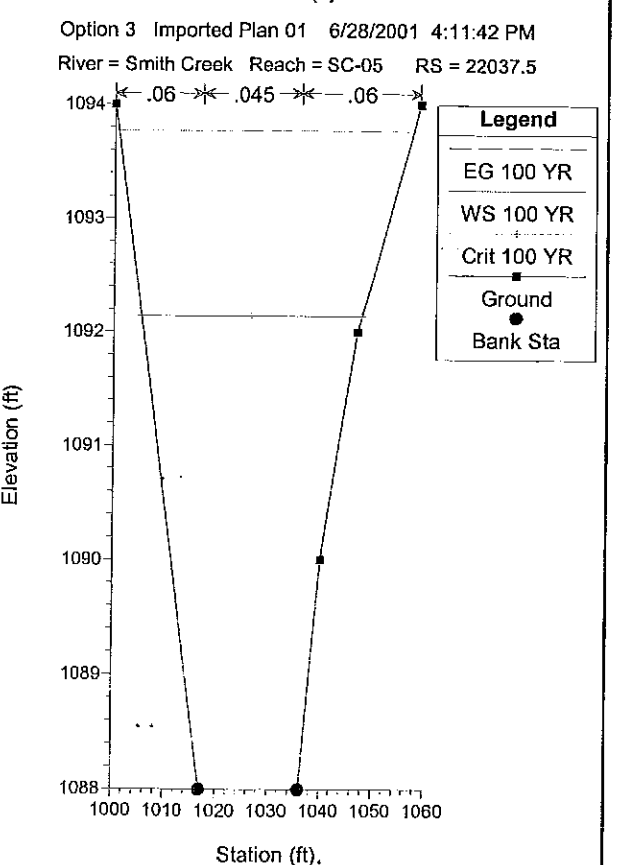
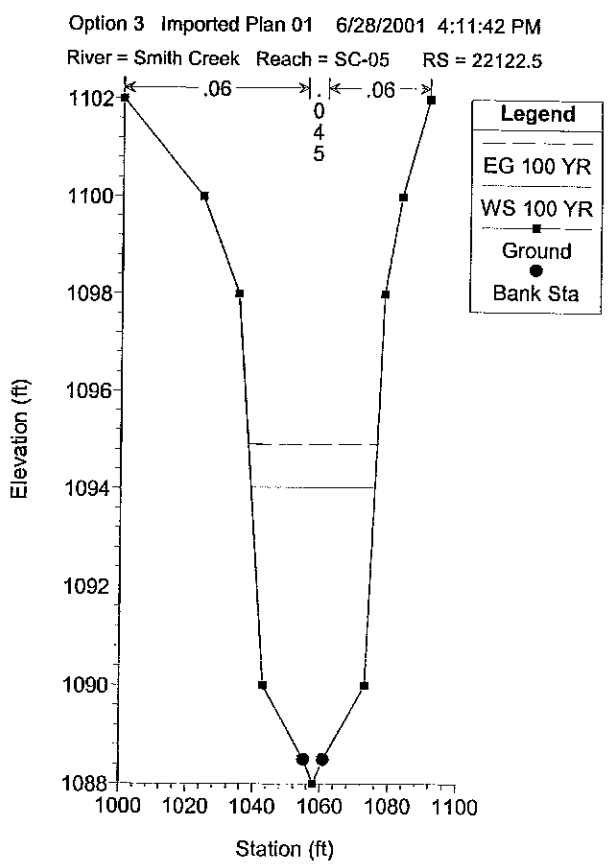
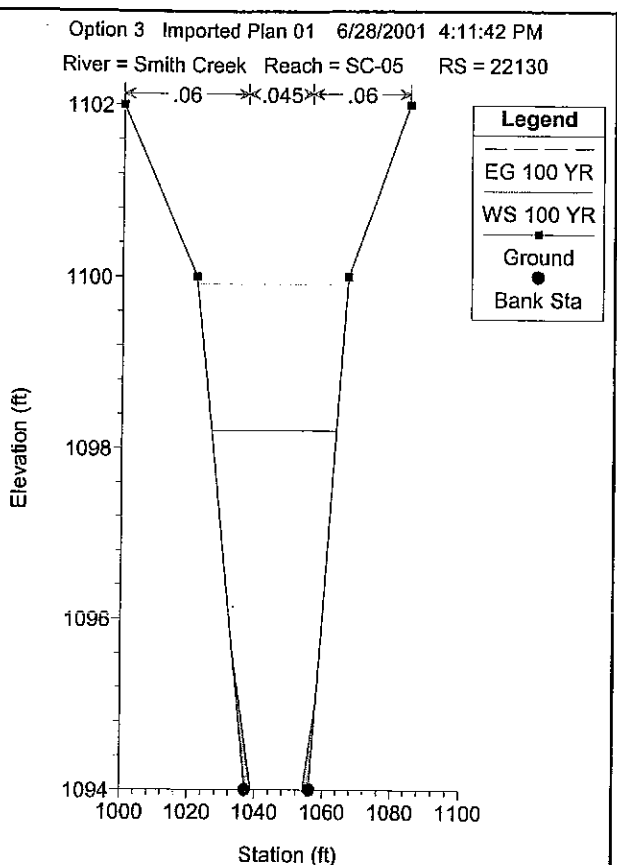
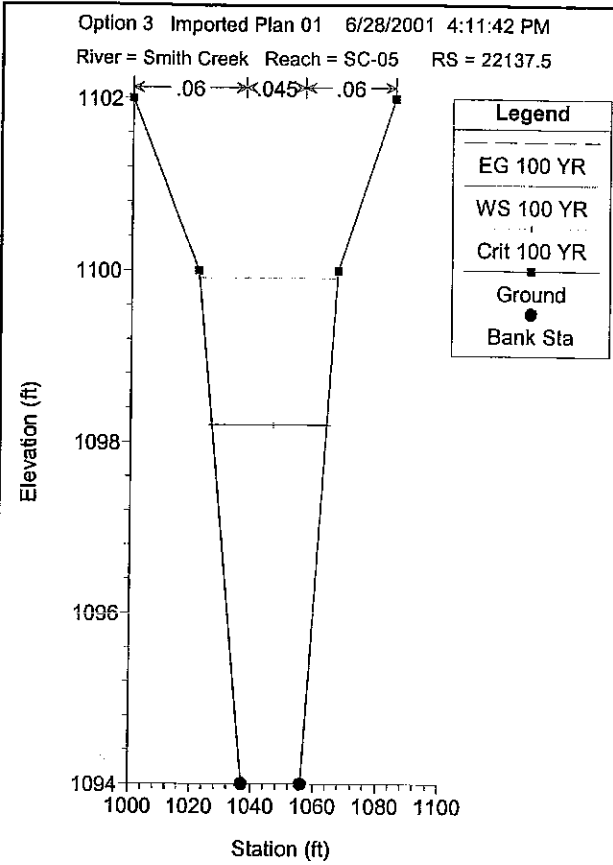


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 22420

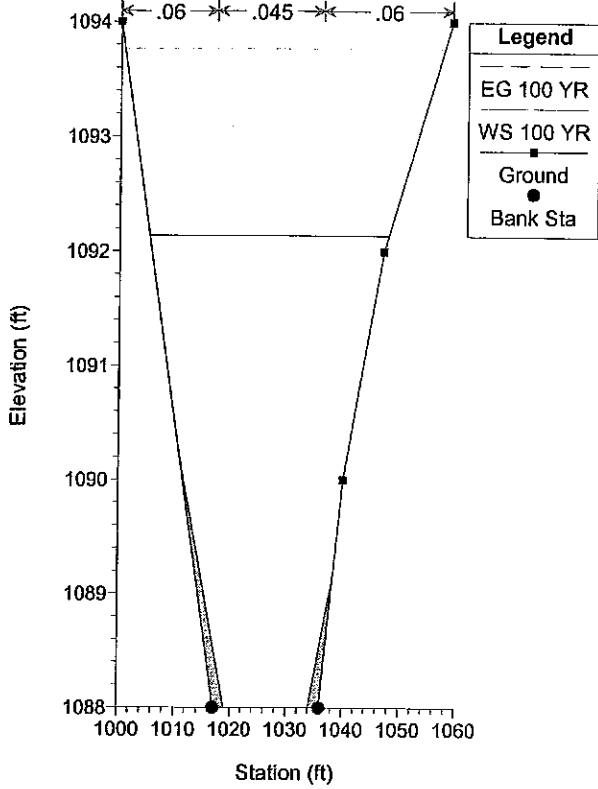


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 22210

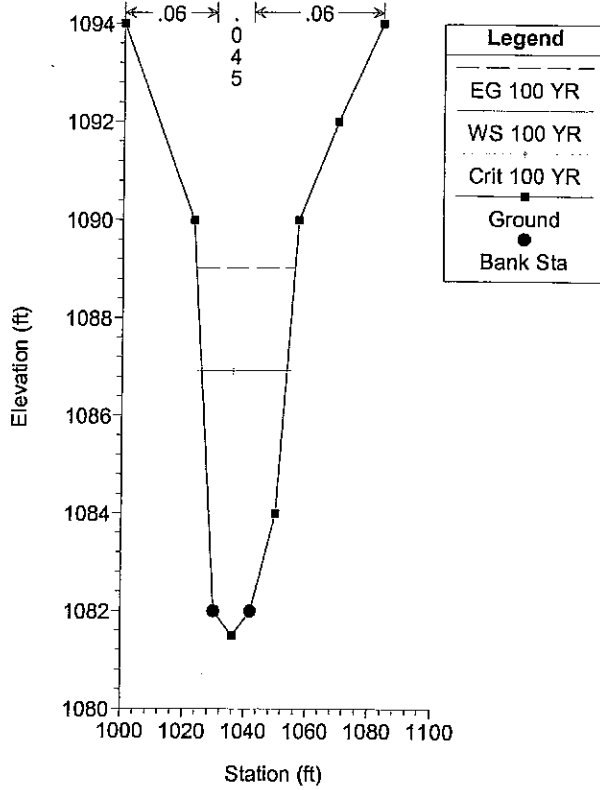




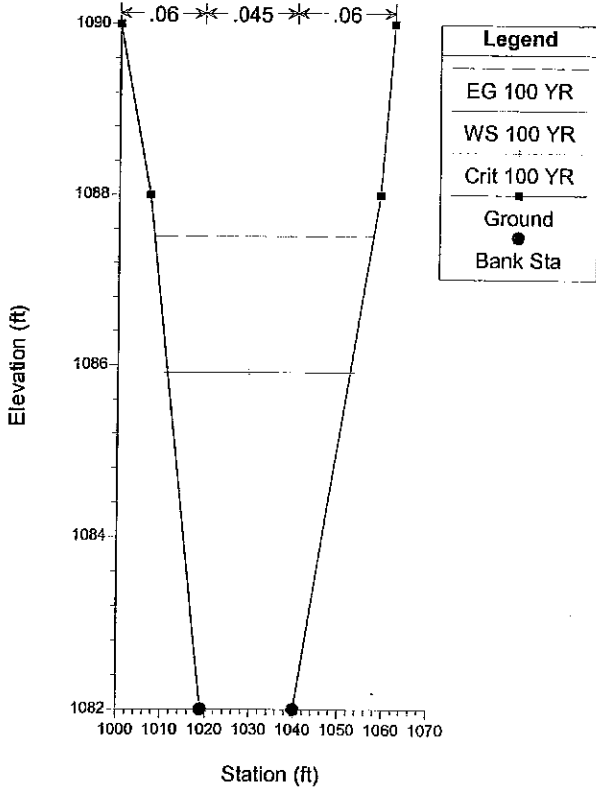
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 22030



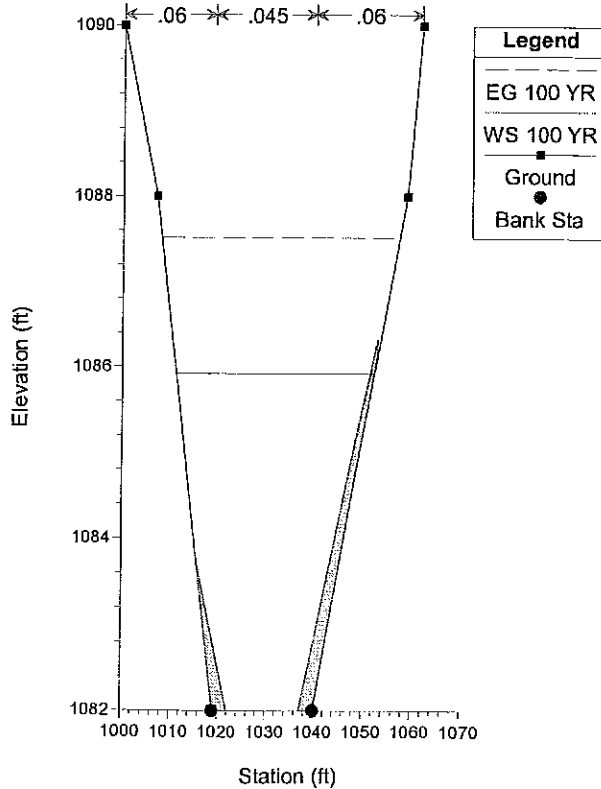
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 22022.5



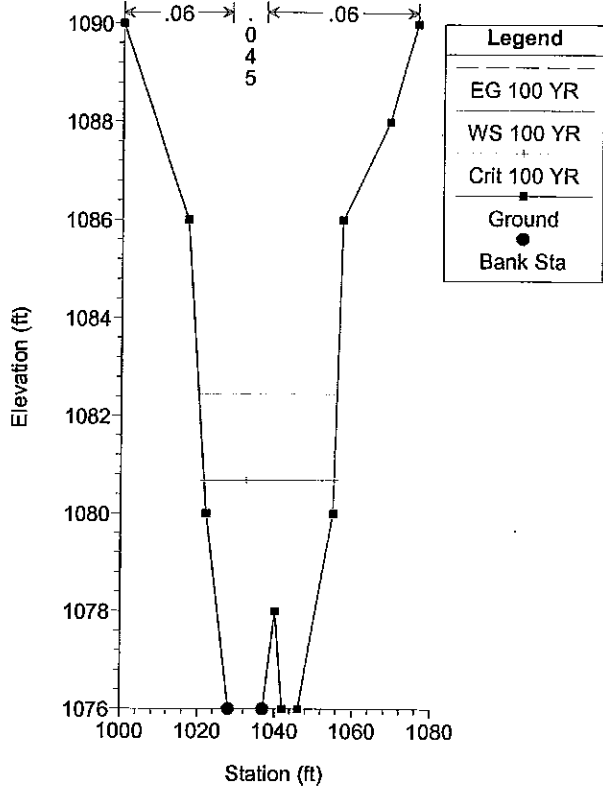
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 21997.5



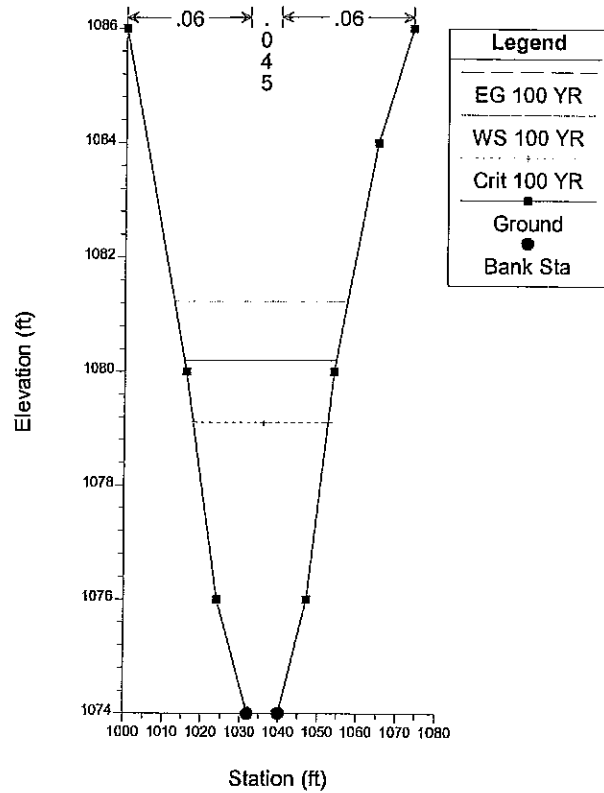
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 21990



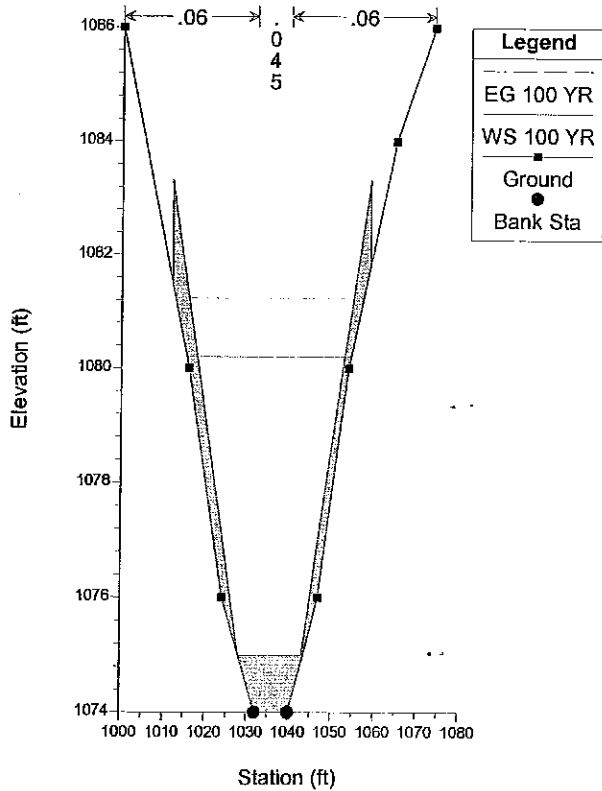
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 21982.5



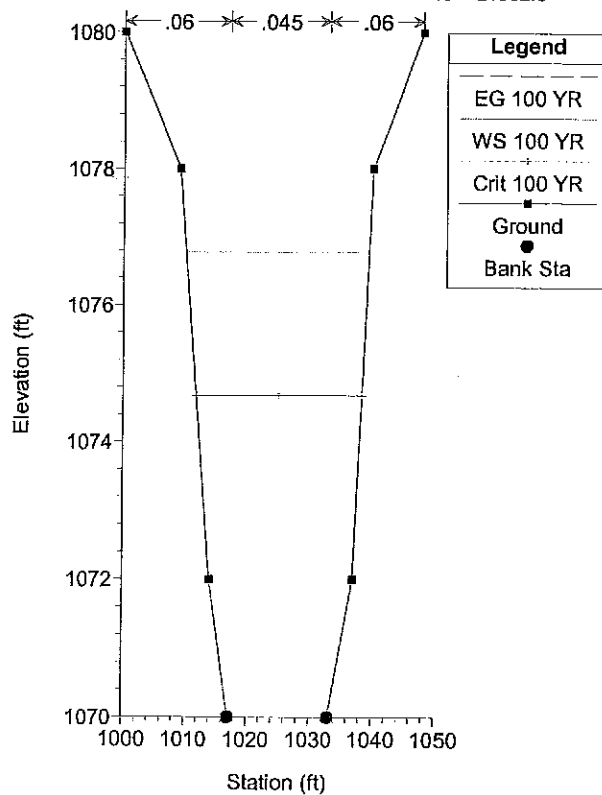
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 21947.5



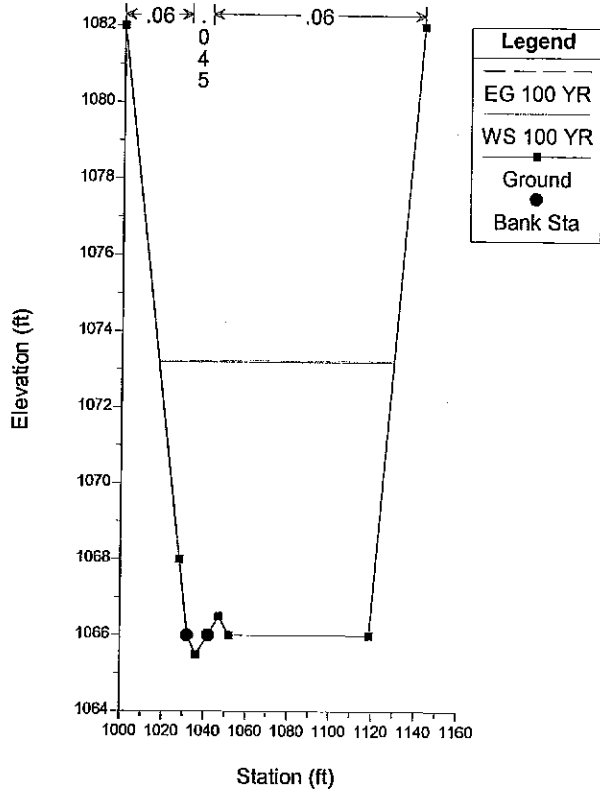
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 21940



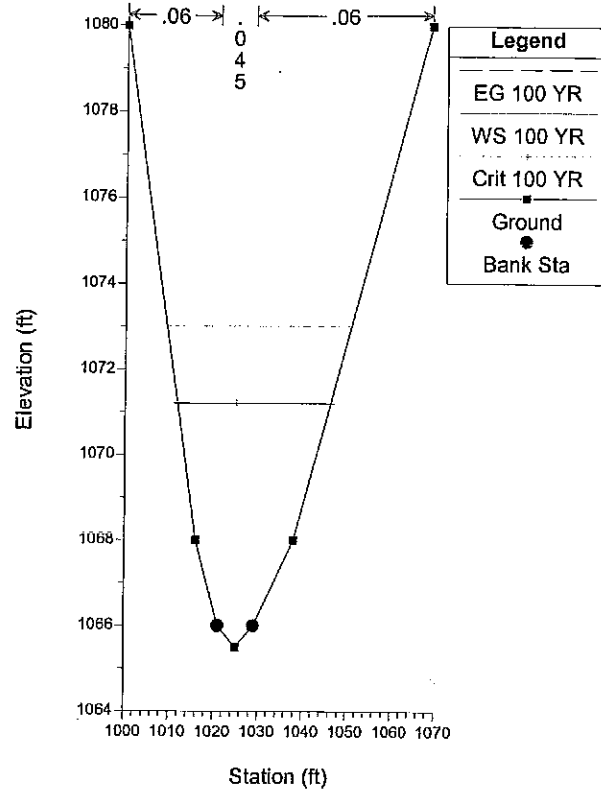
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 21932.5



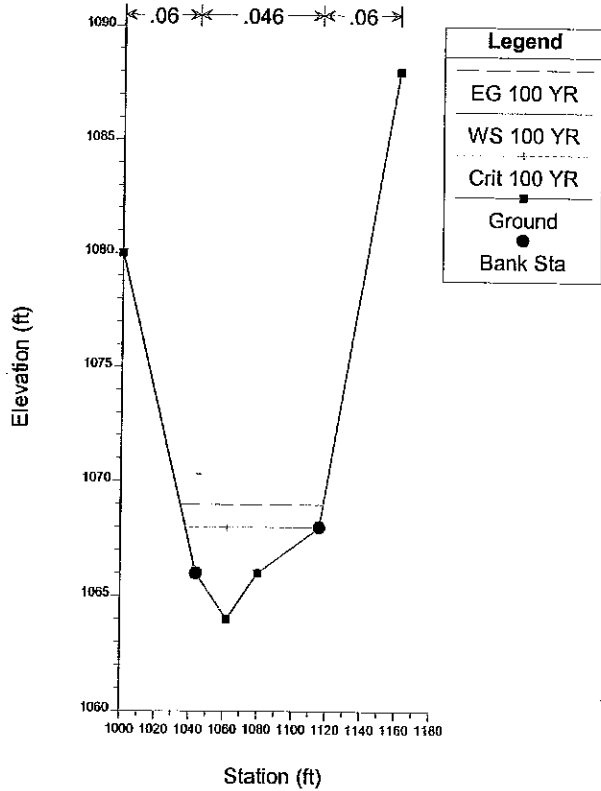
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 21830



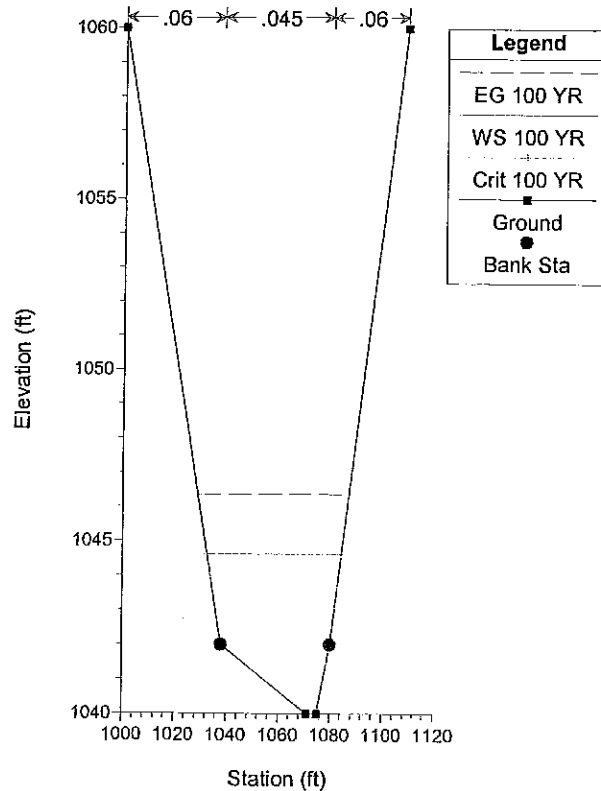
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-05 RS = 21710



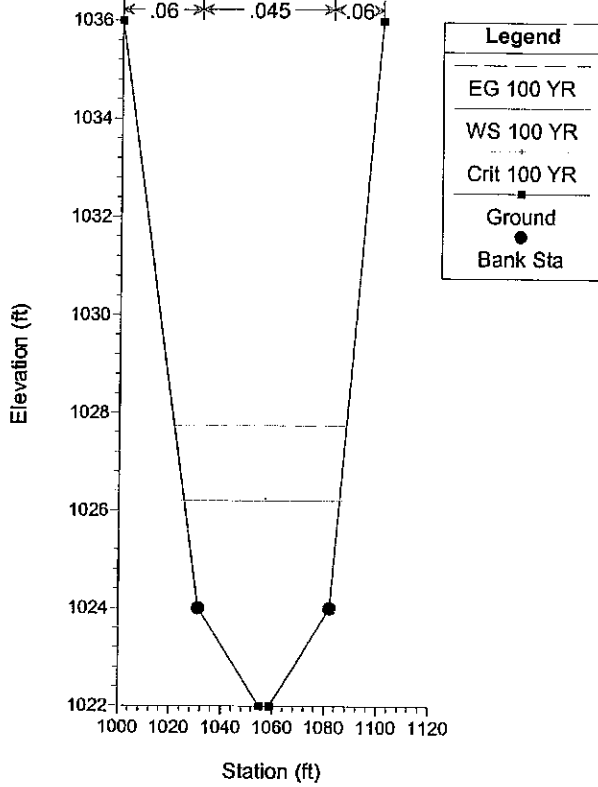
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-04 RS = 21540



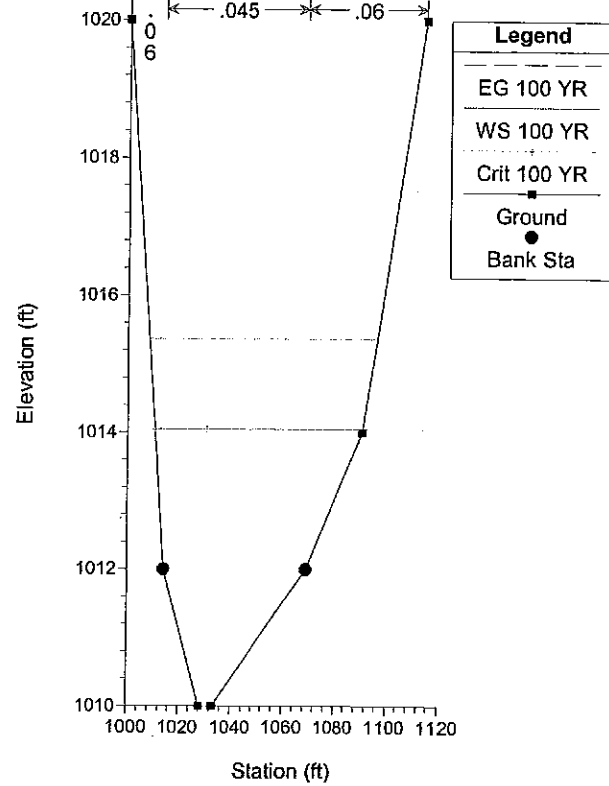
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-04 RS = 20960



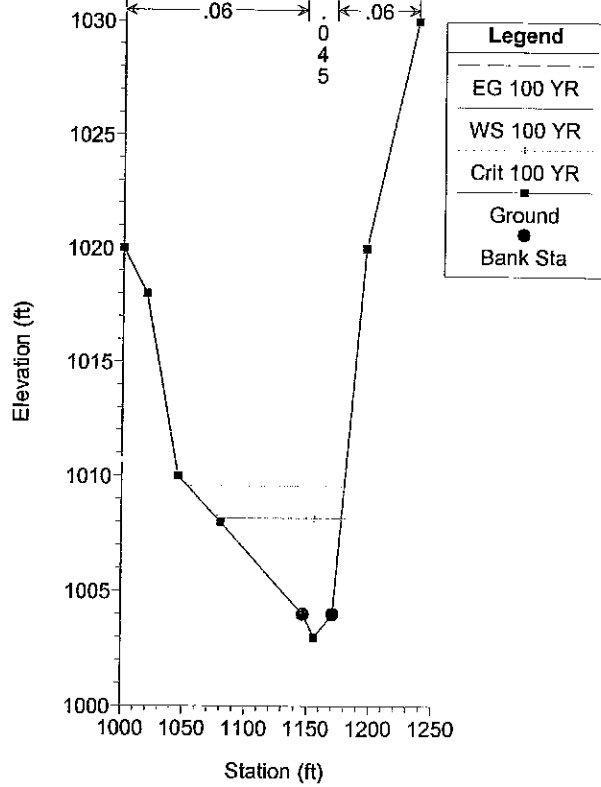
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-04 RS = 20130



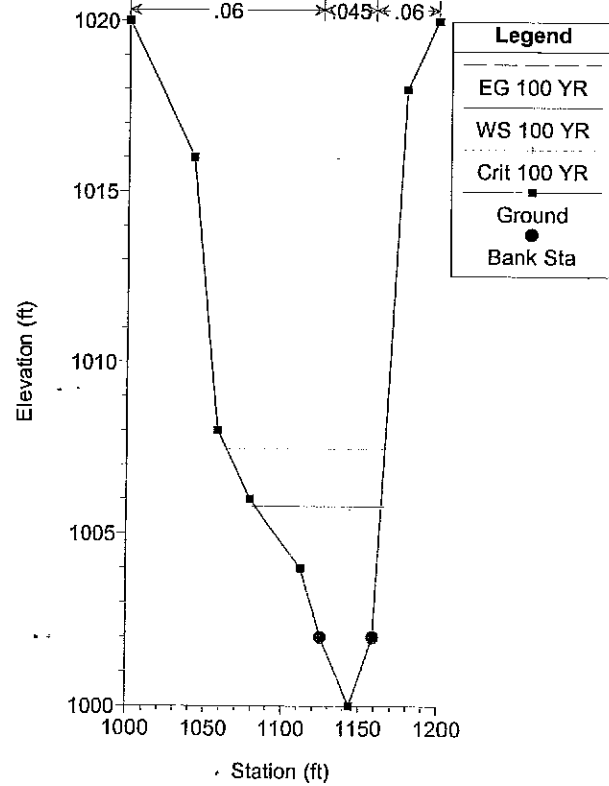
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-04 RS = 19630

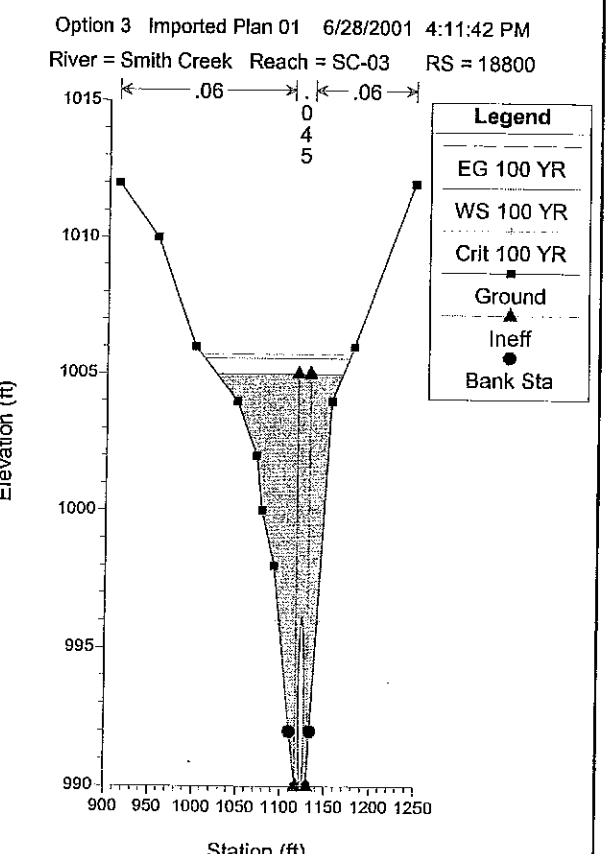
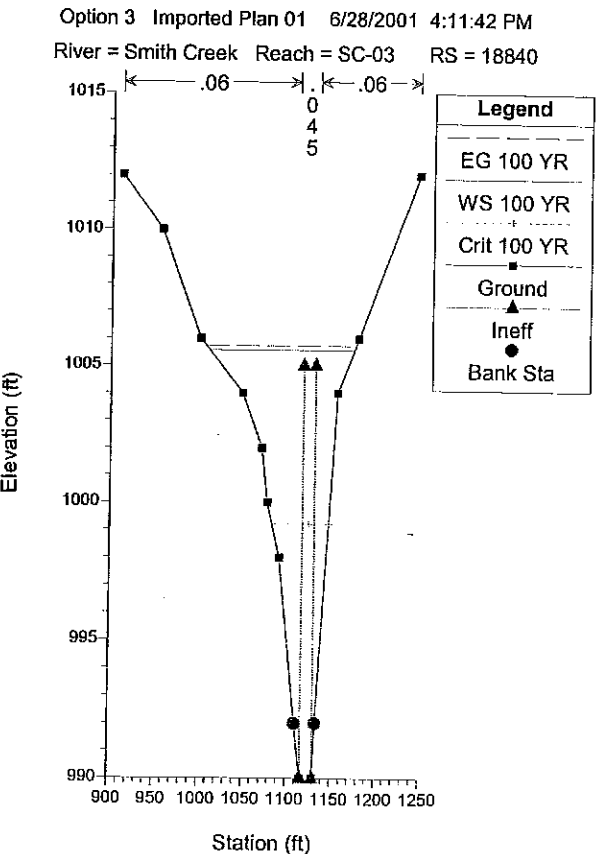
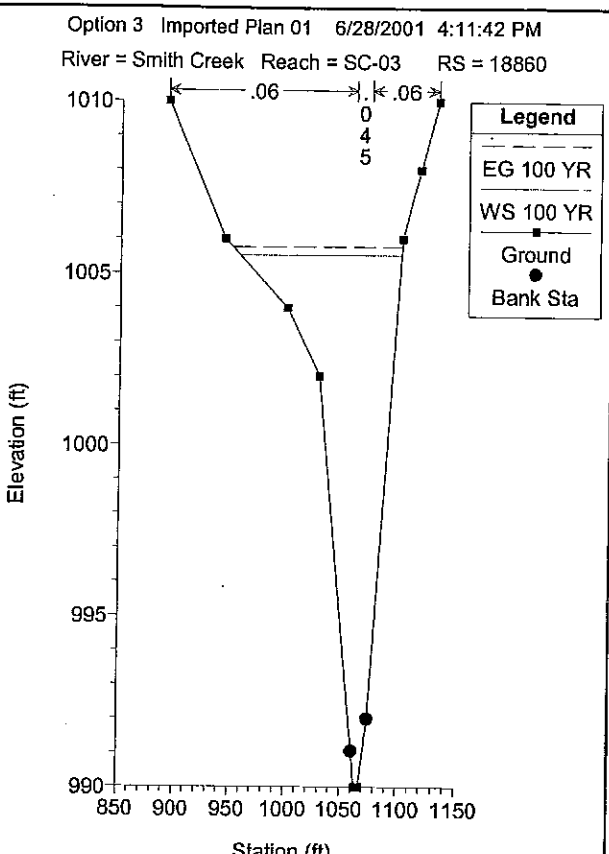
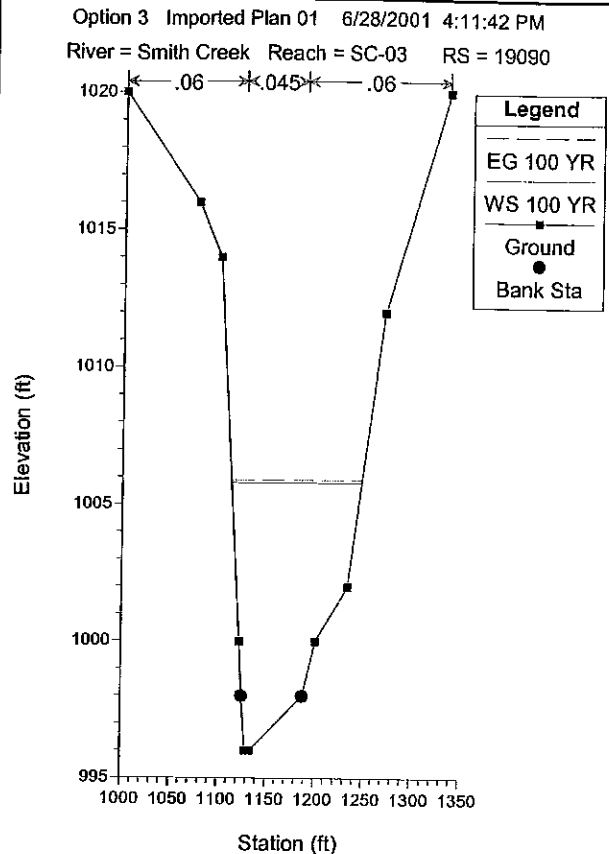


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-03 RS = 19380

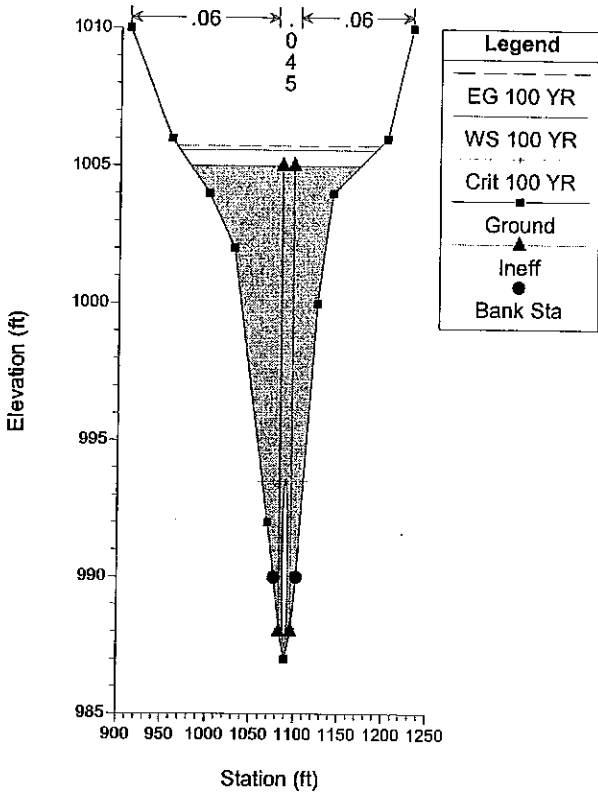


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-03 RS = 19300

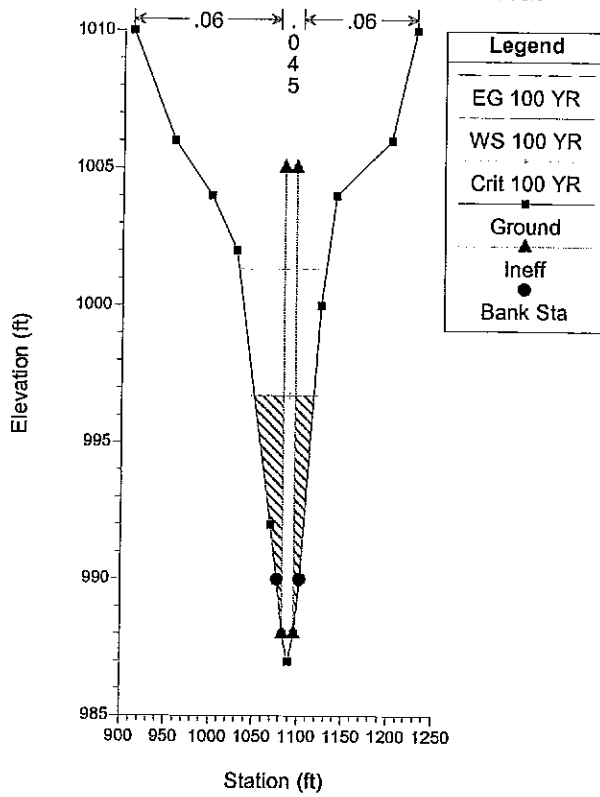




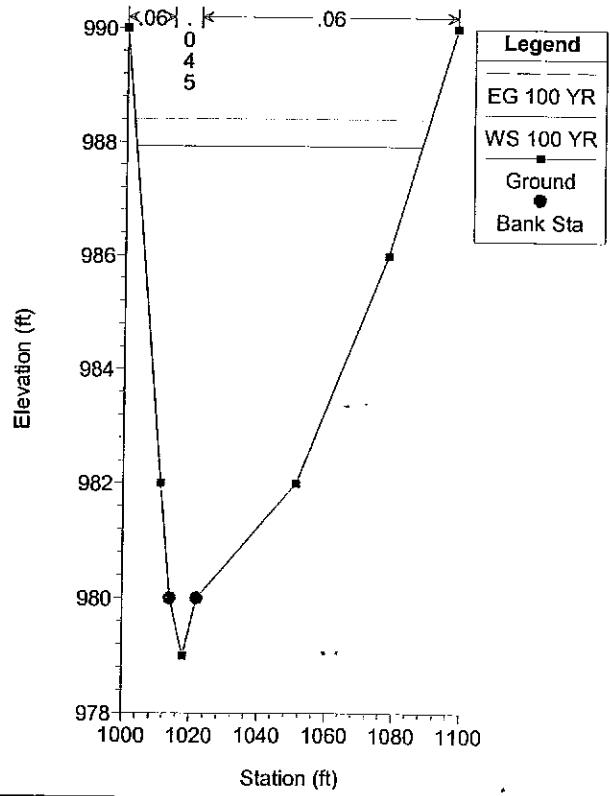
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-03 RS = 18800



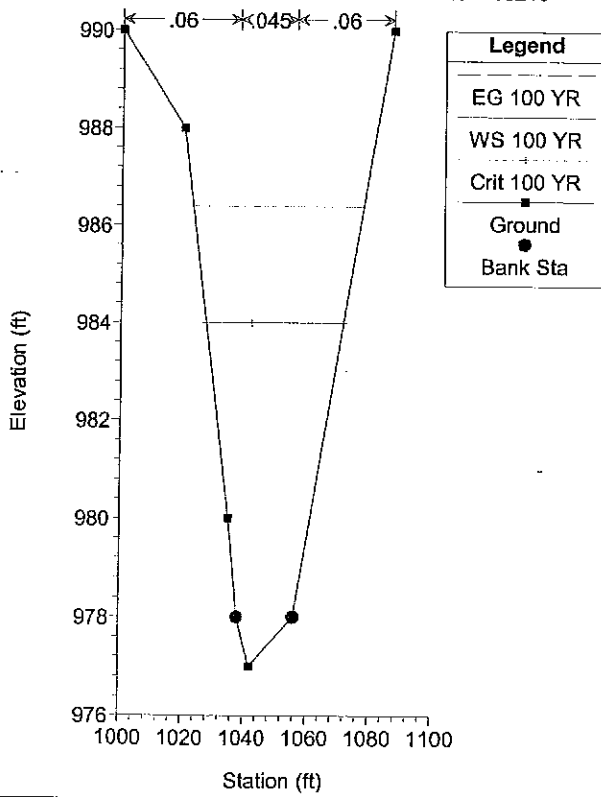
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-03 RS = 18752.5



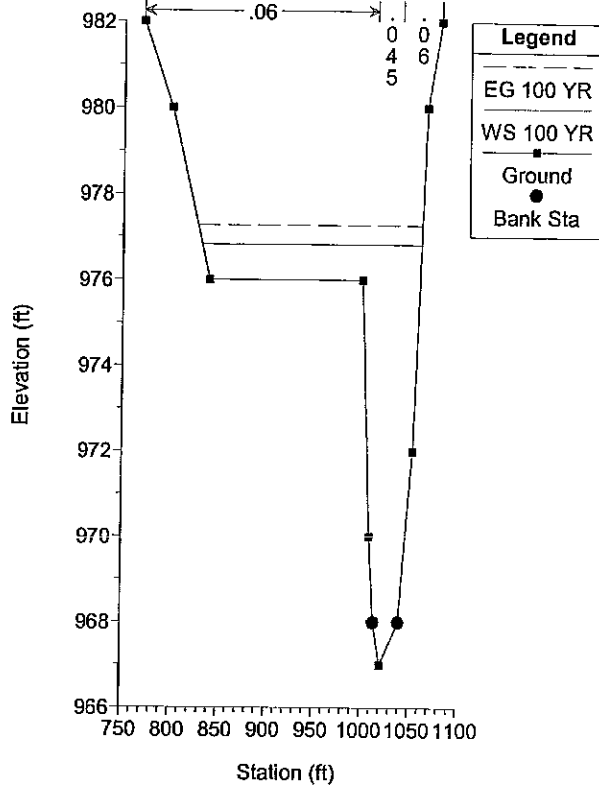
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-03 RS = 18490



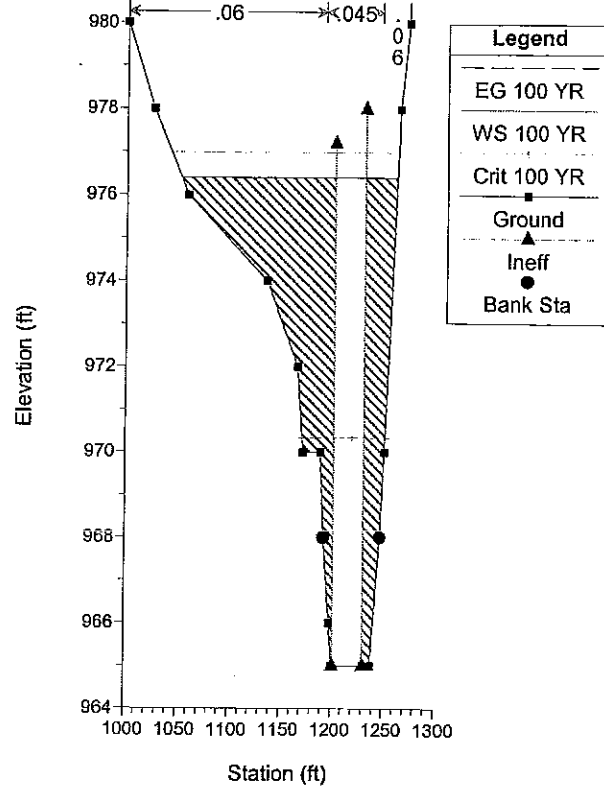
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 18210



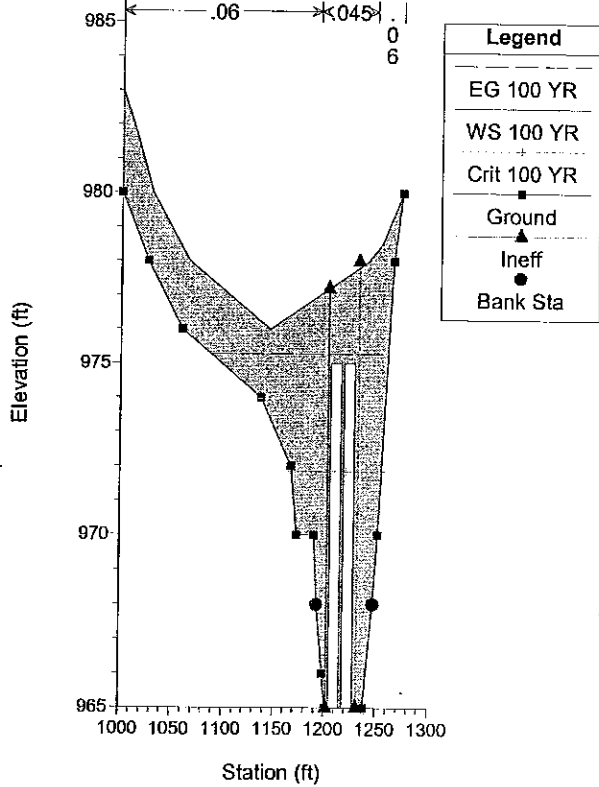
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 17820



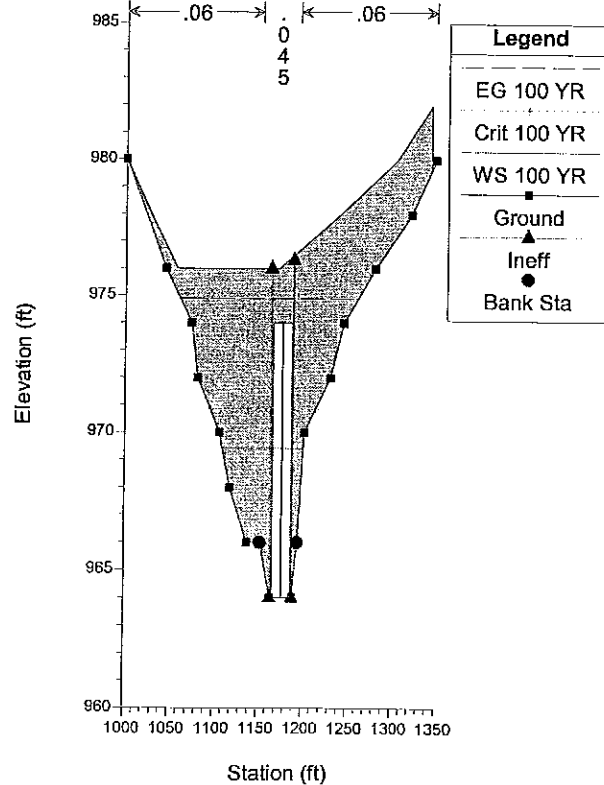
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 17645

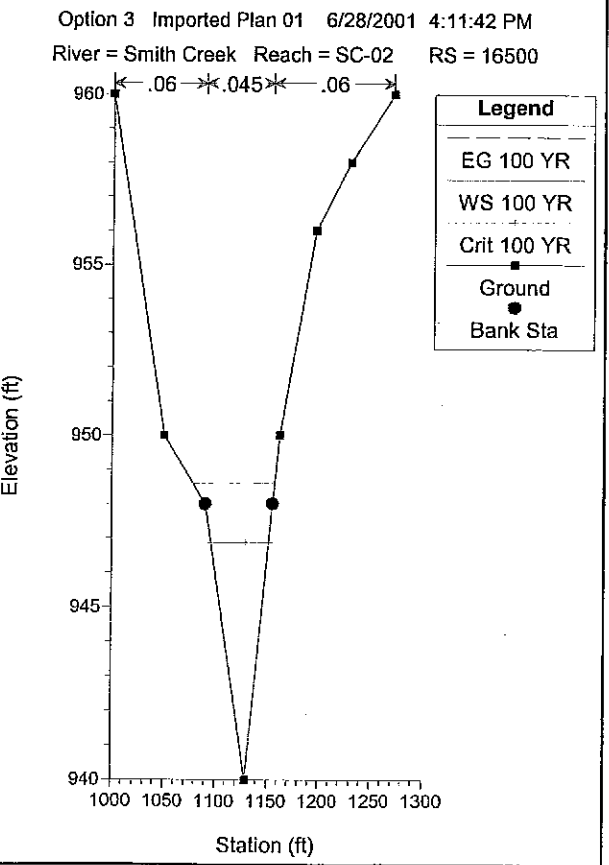
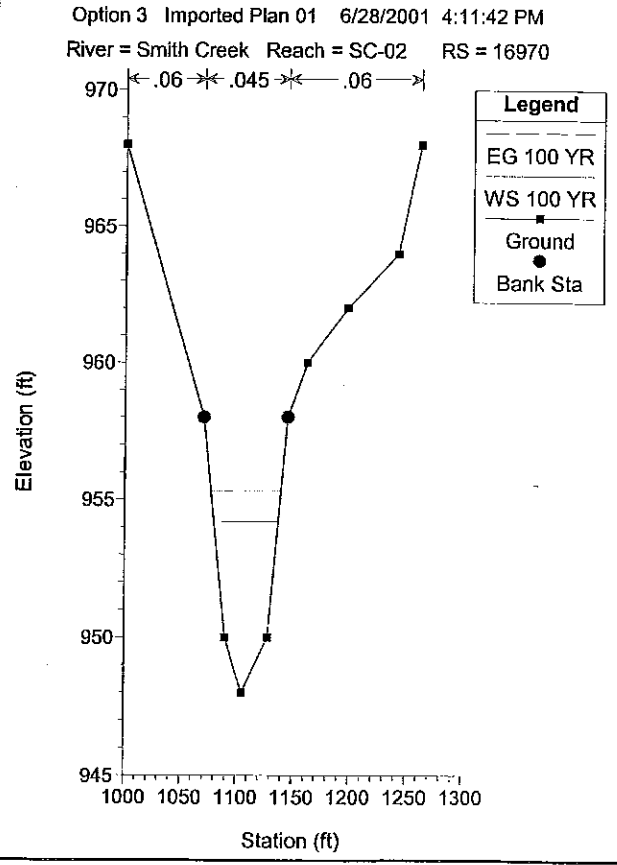
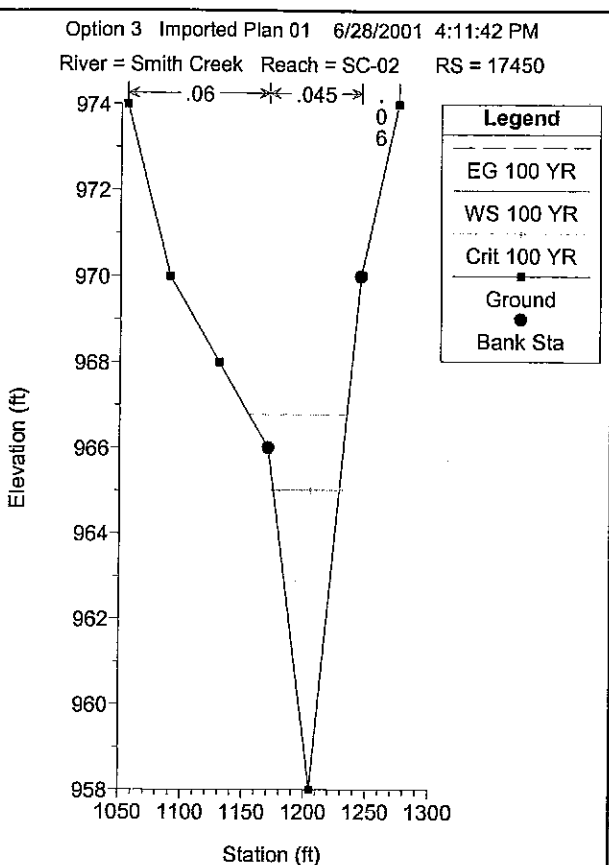
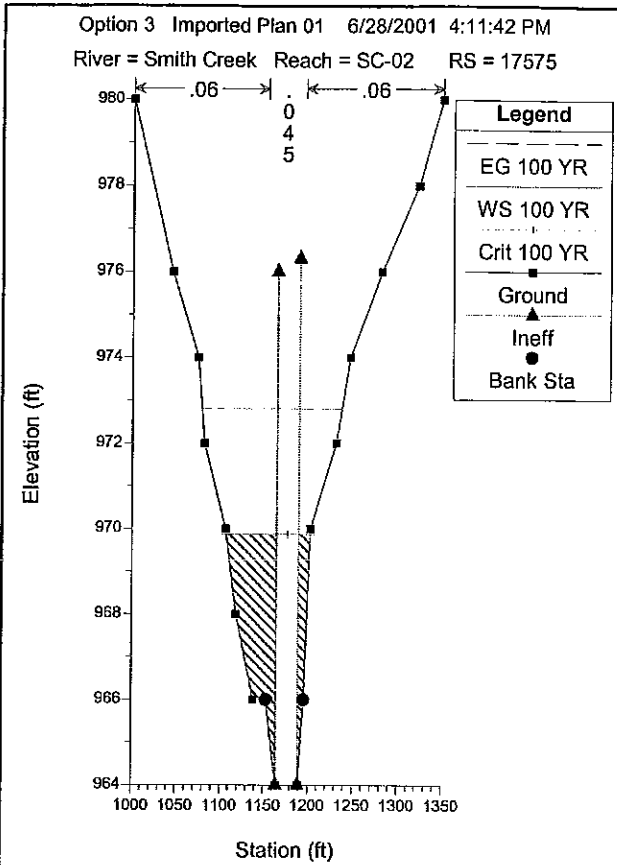


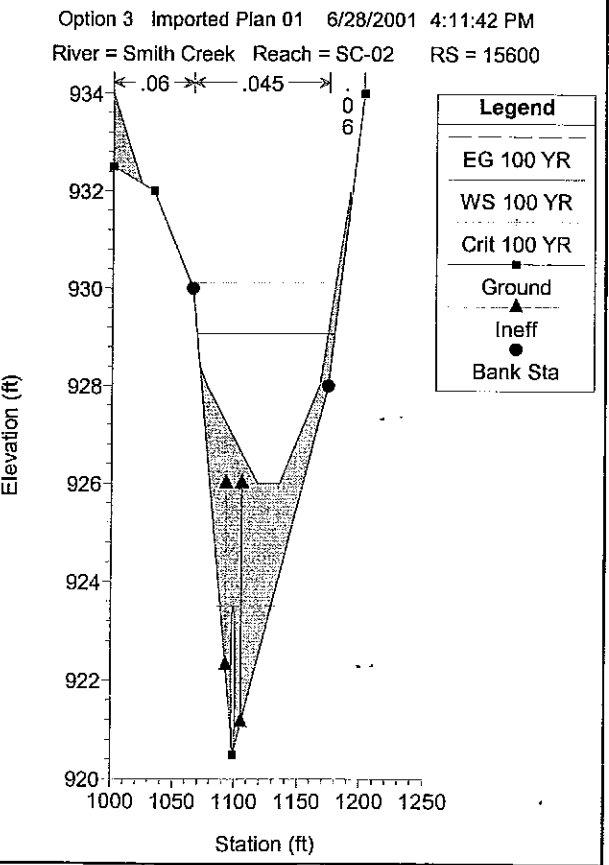
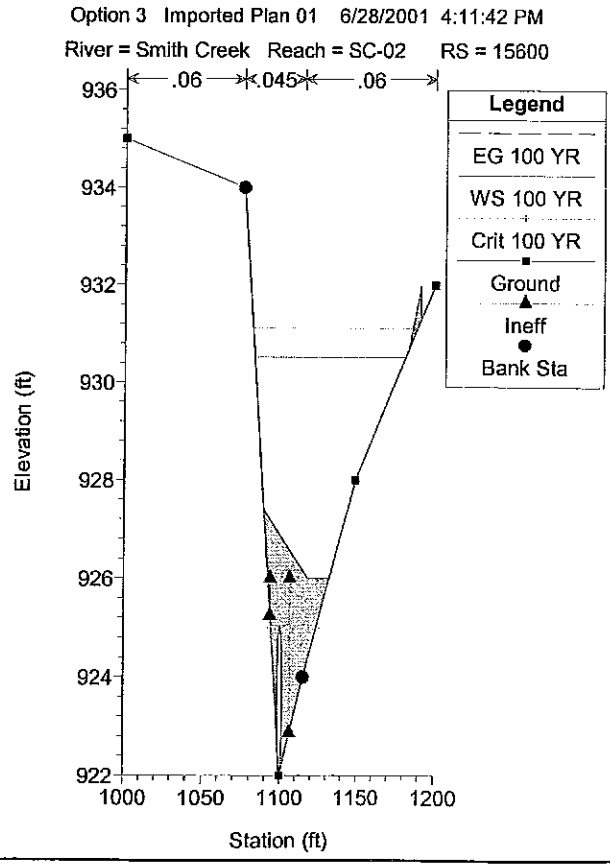
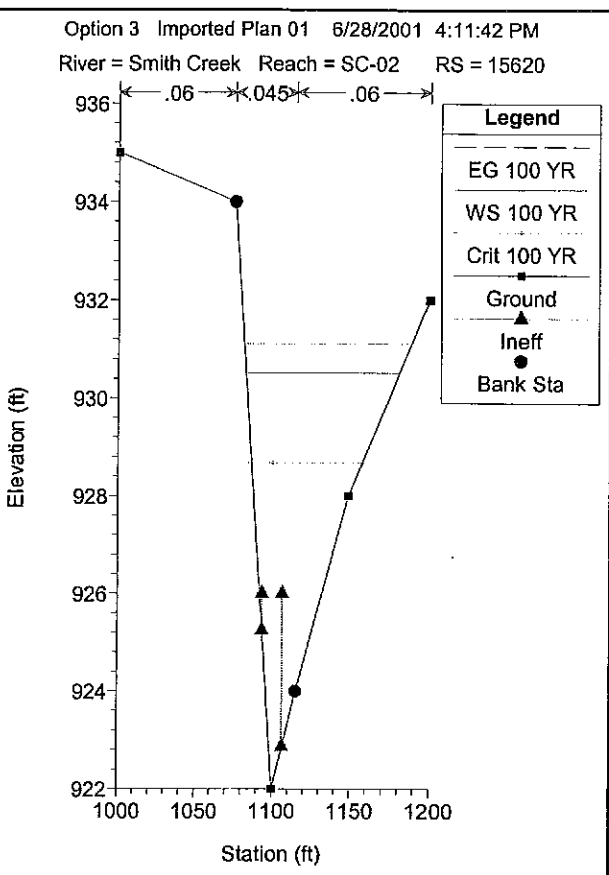
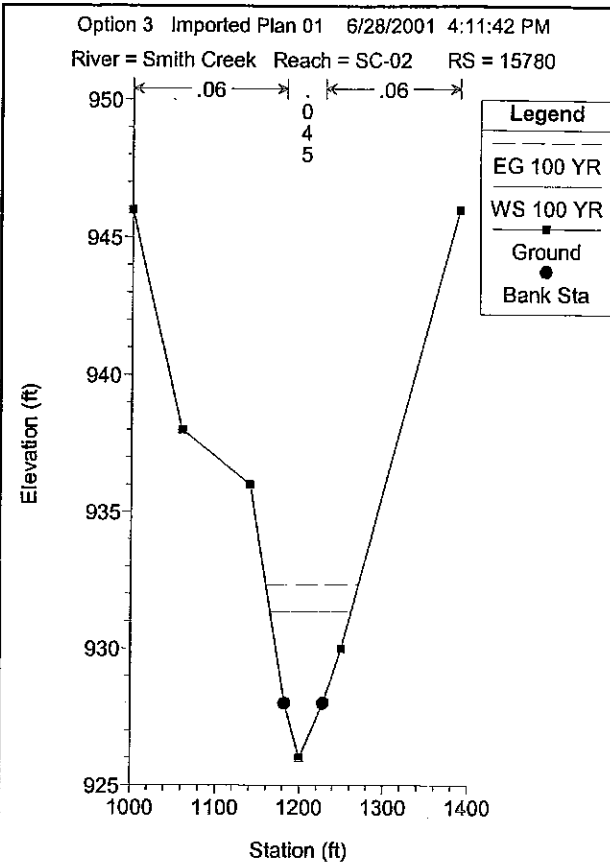
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 17610



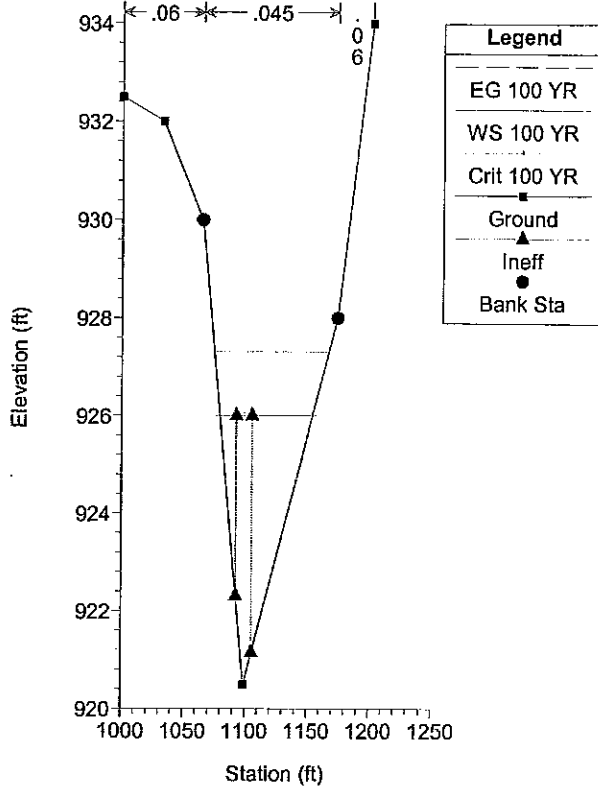
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 17610



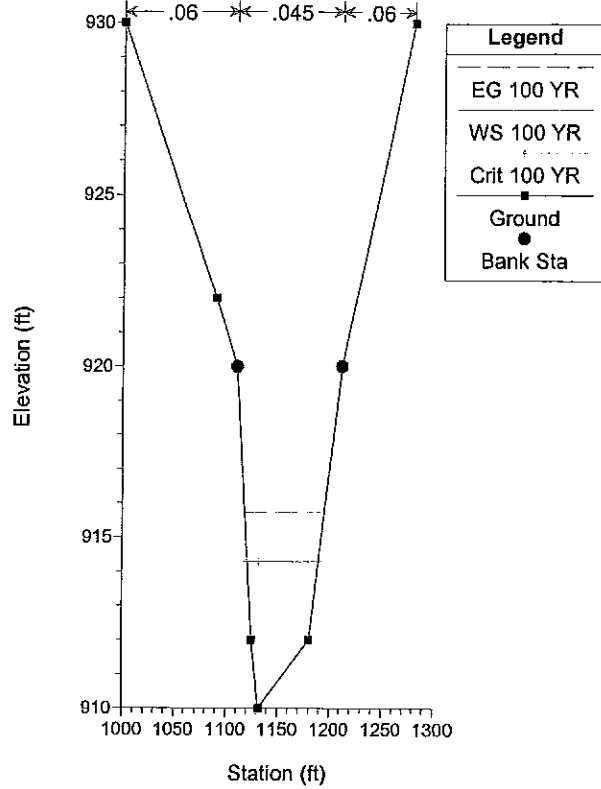




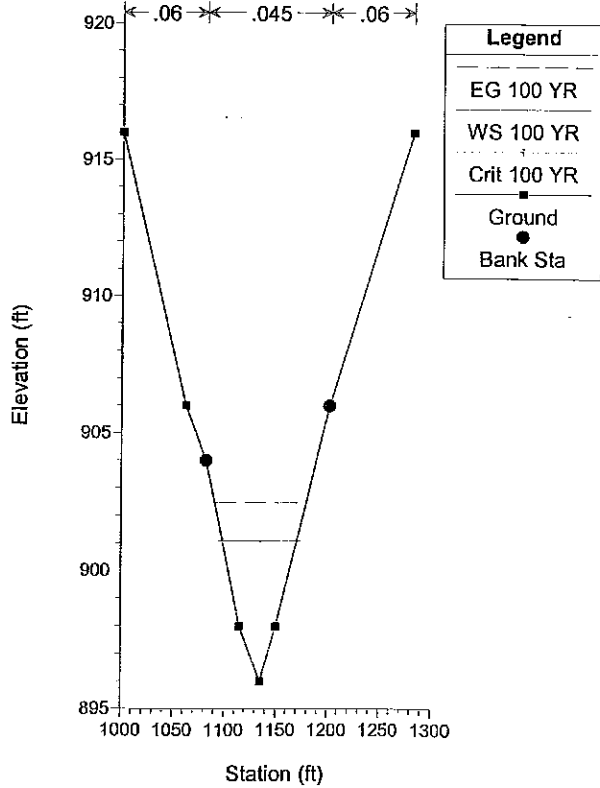
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 15580



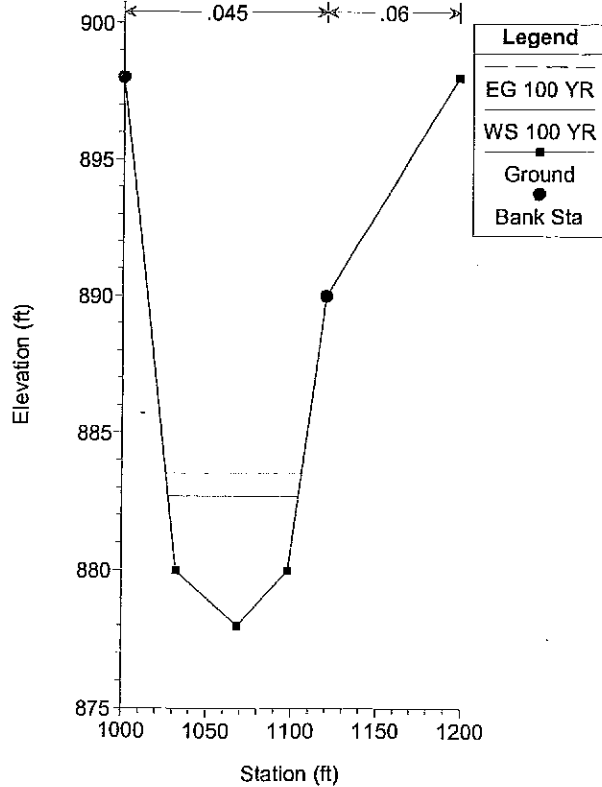
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 15120



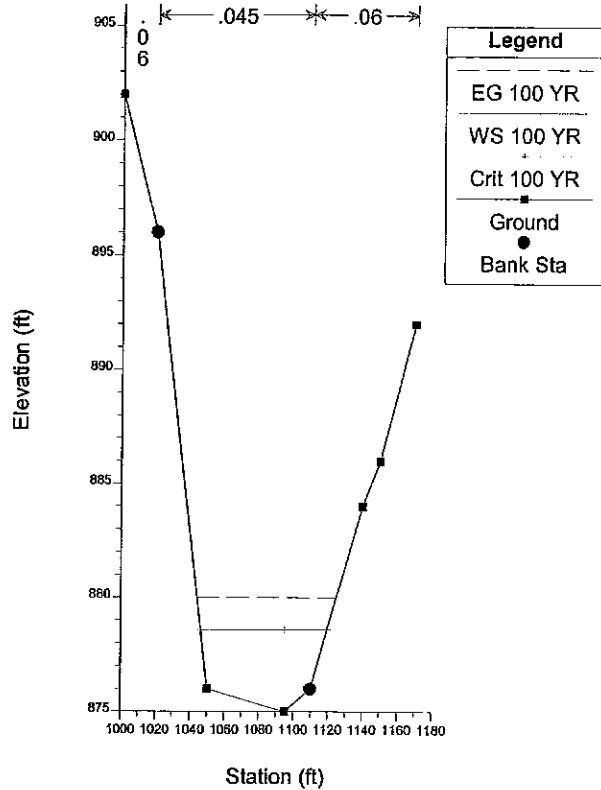
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 14610



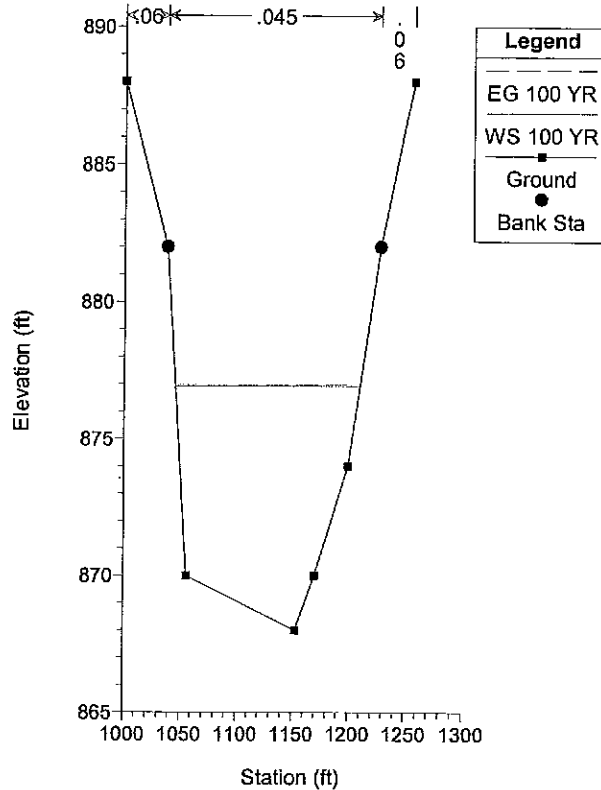
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 13800



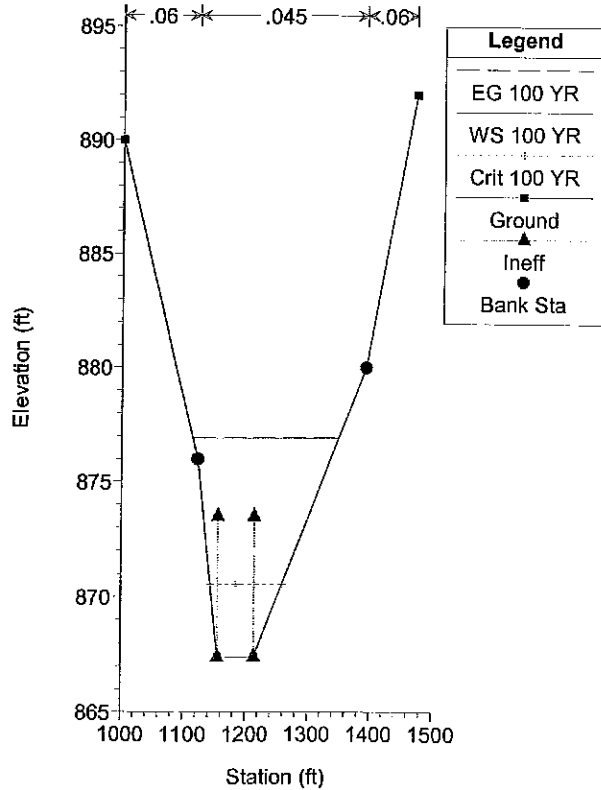
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 13550



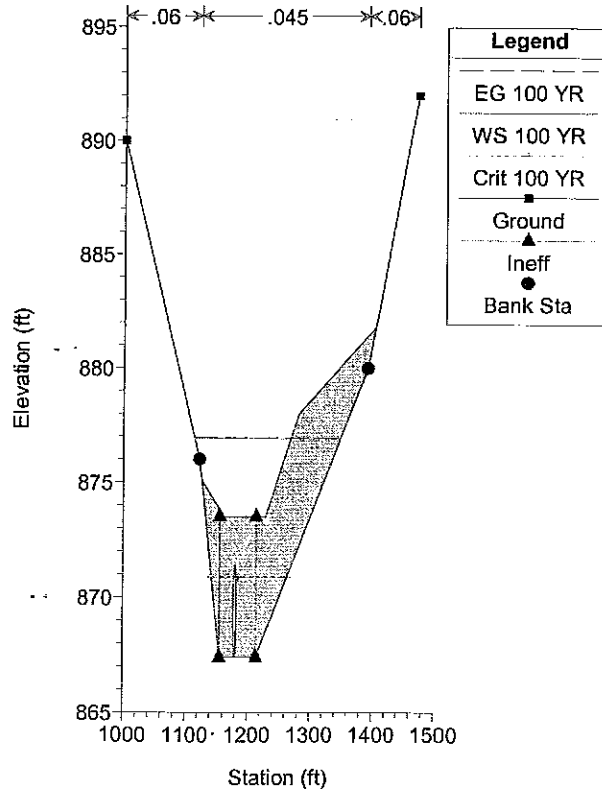
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 13120



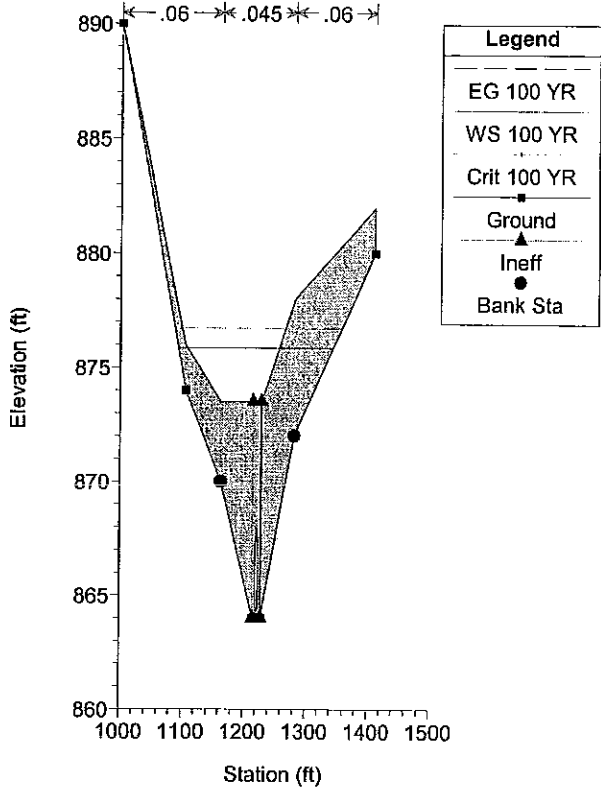
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 12950



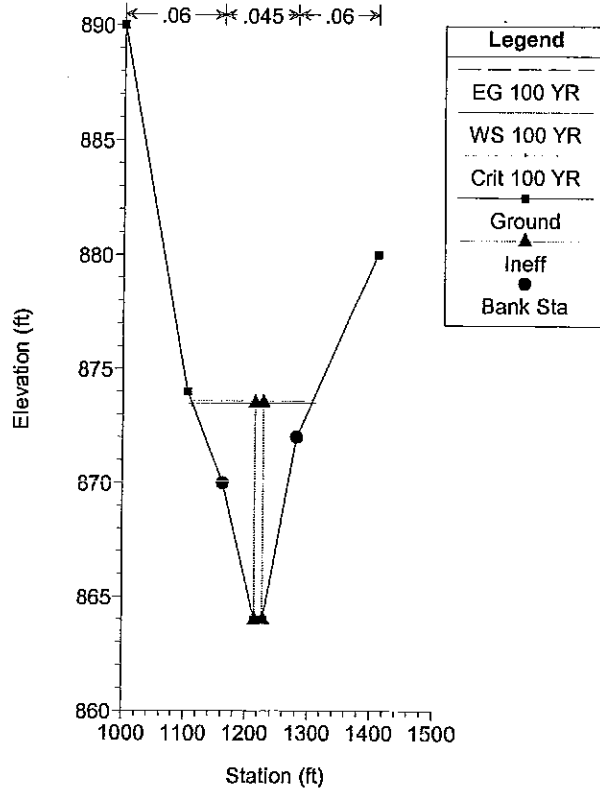
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 12920



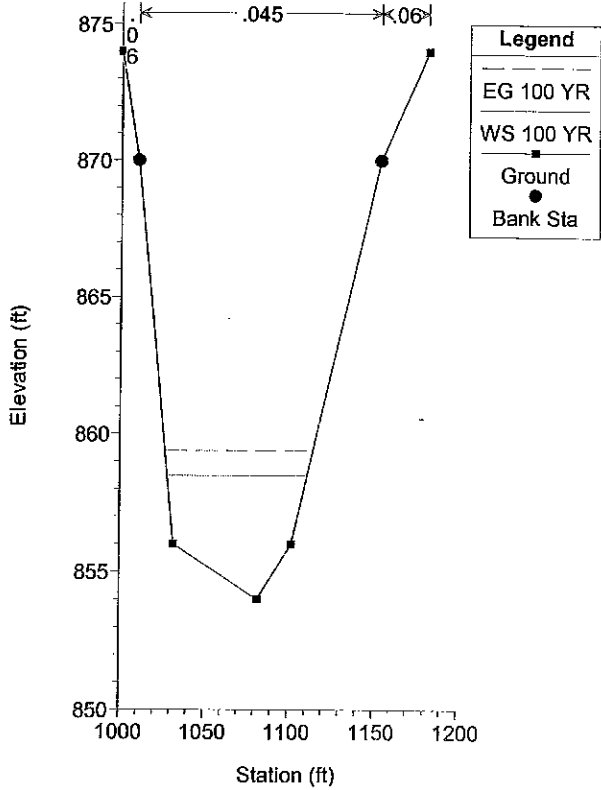
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 12920



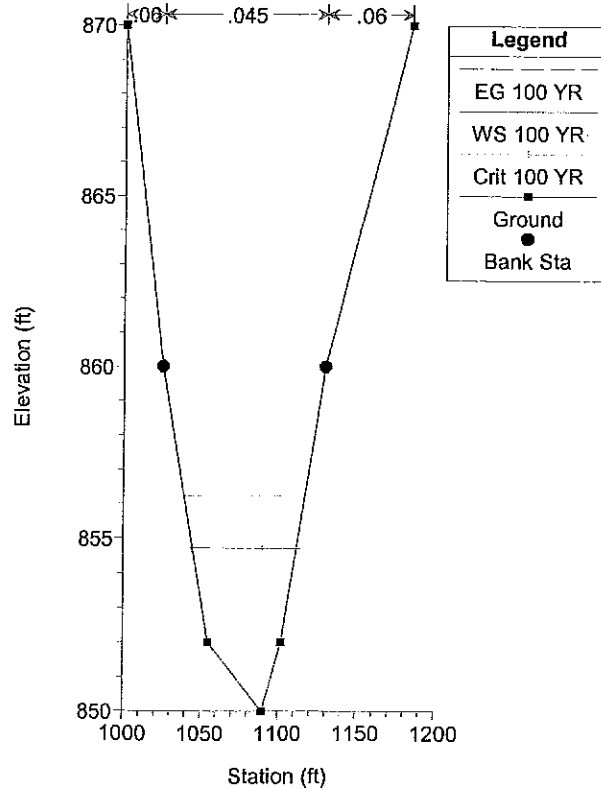
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 12870



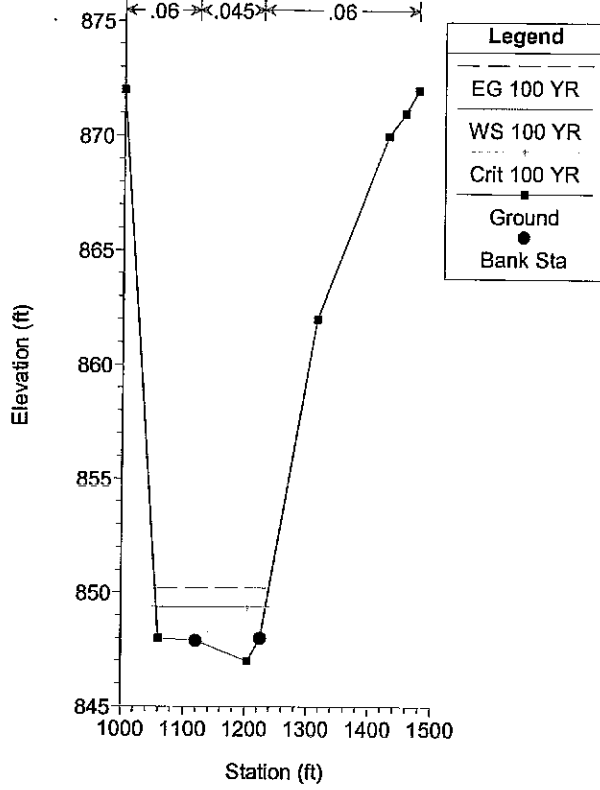
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 12590



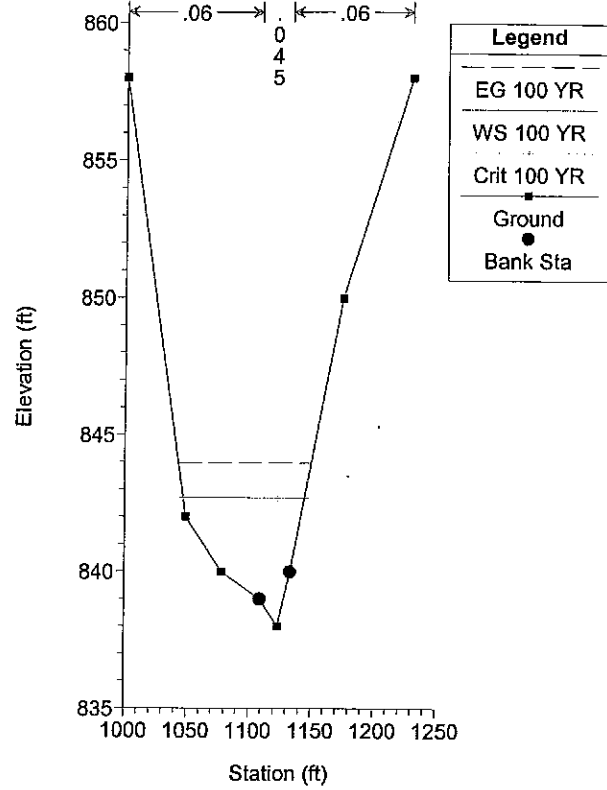
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-02 RS = 12390



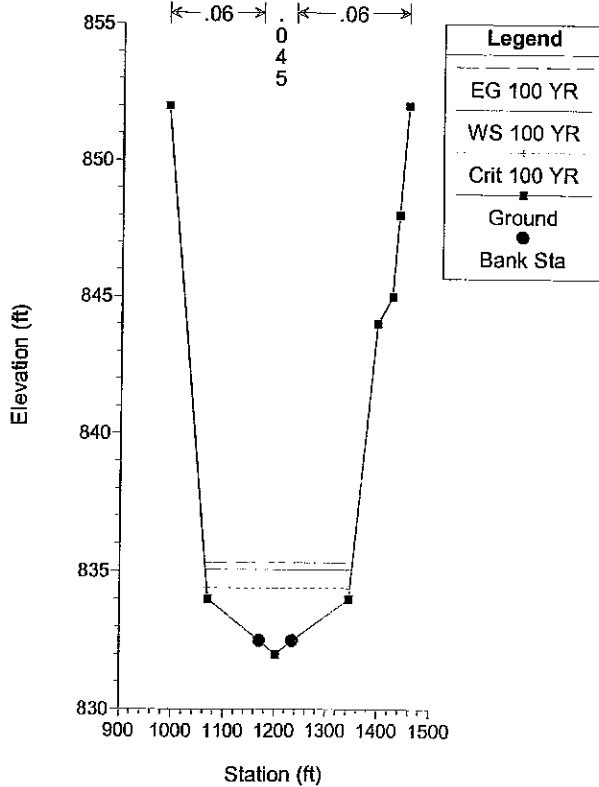
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 12150



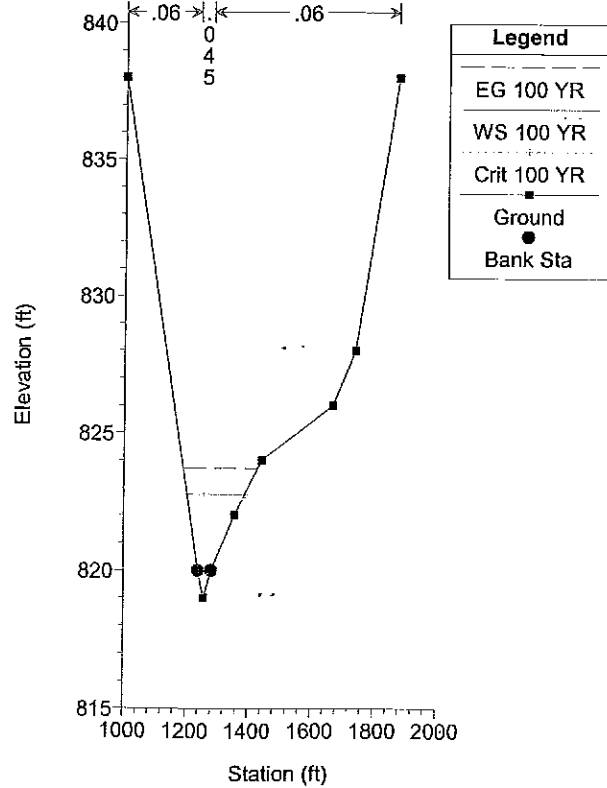
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 11870



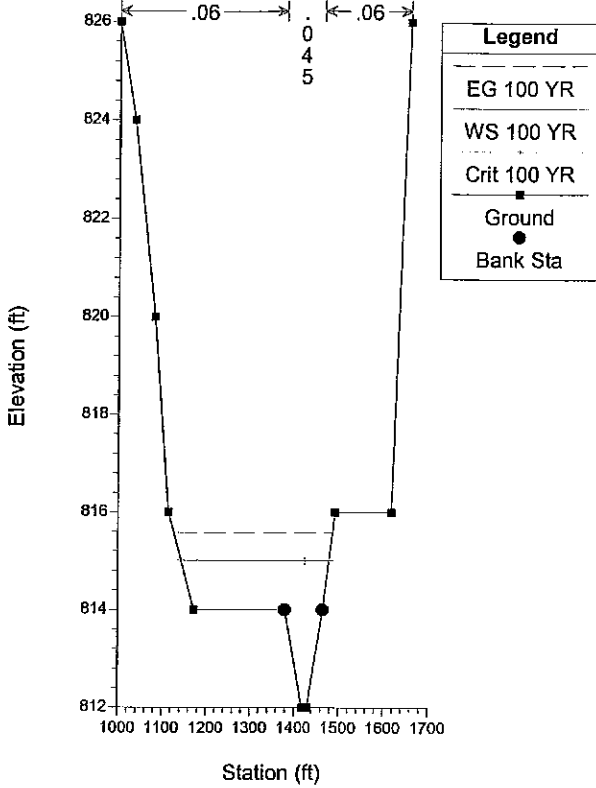
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 11440



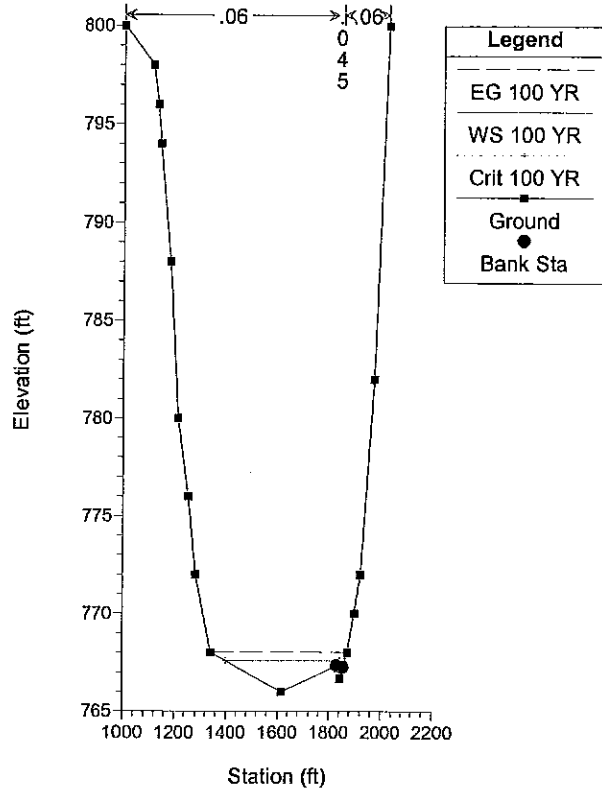
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 10250



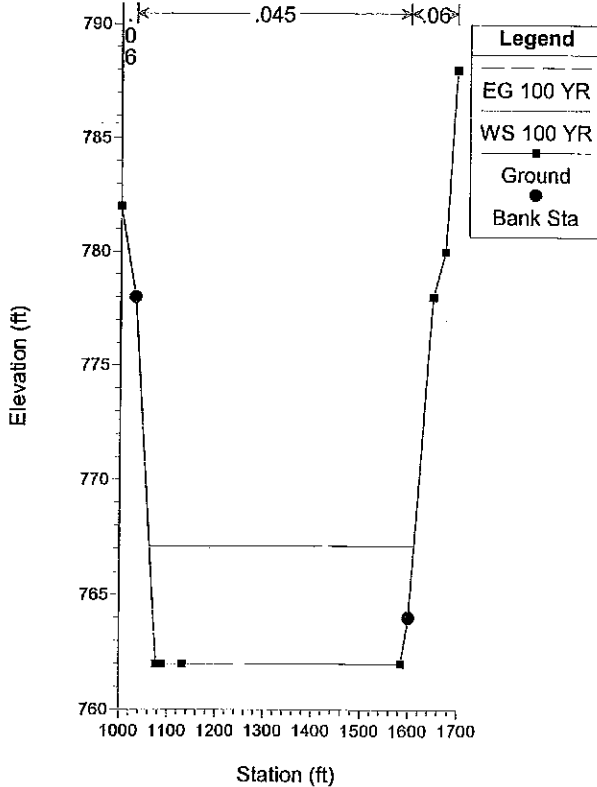
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 10000



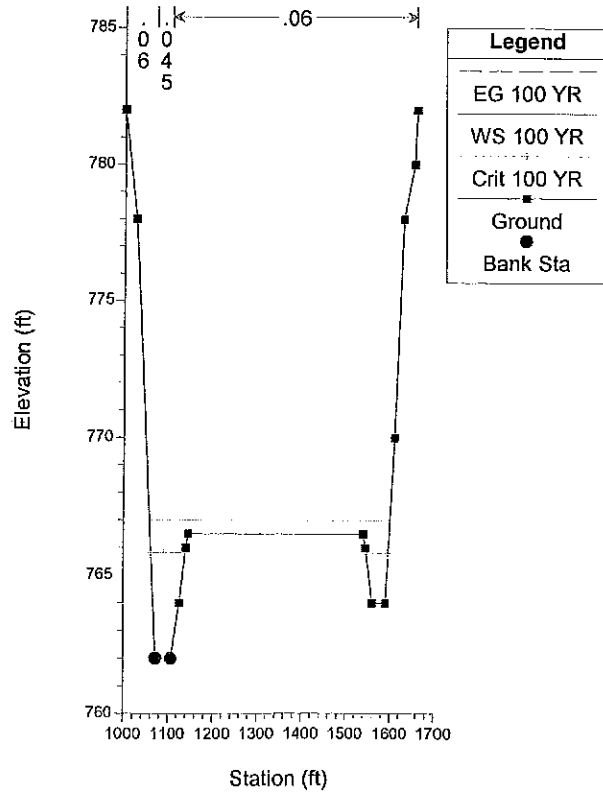
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 8000



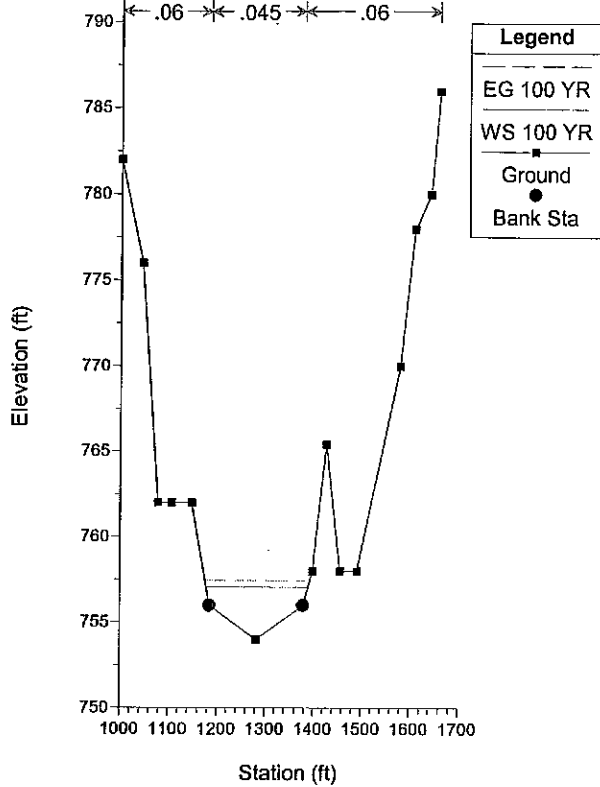
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 7378



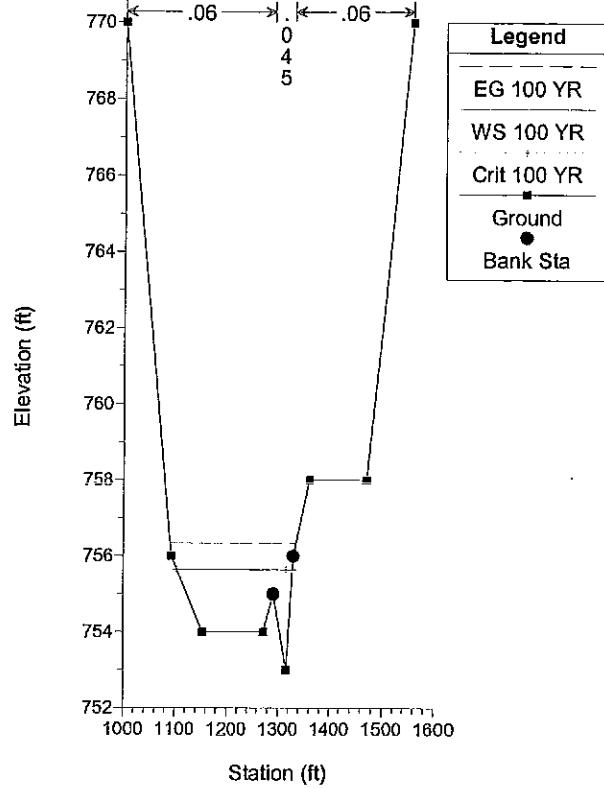
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 7310



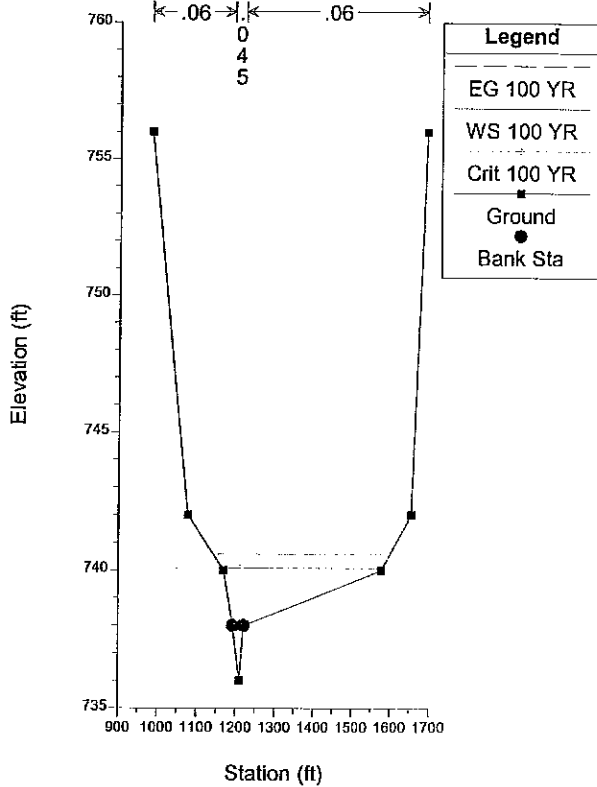
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 7242



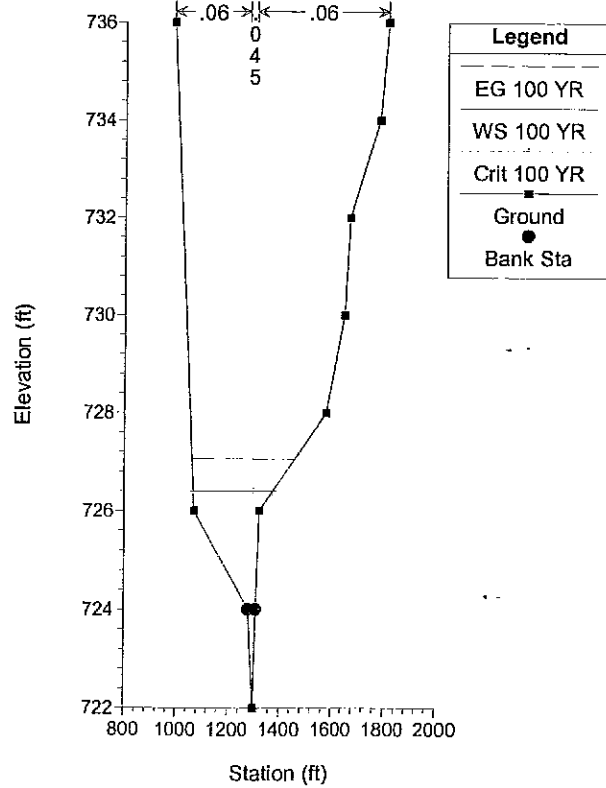
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 7175



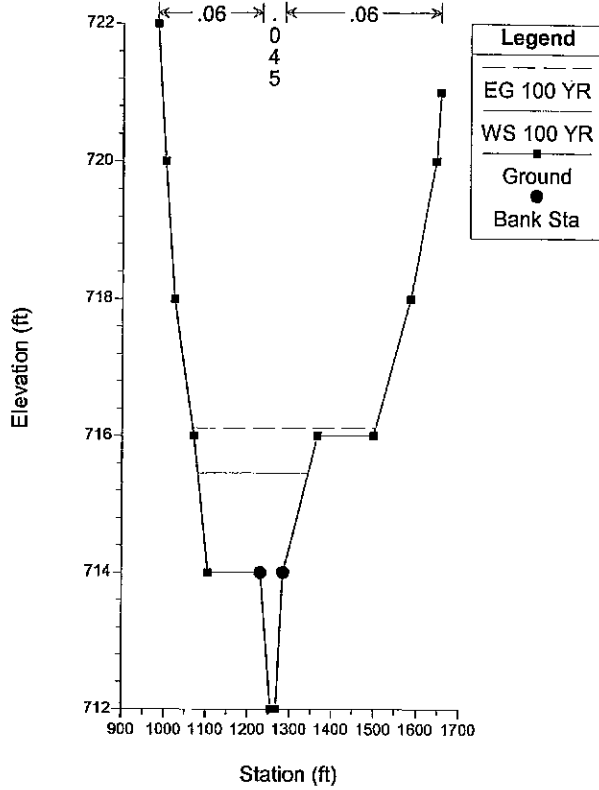
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 6600



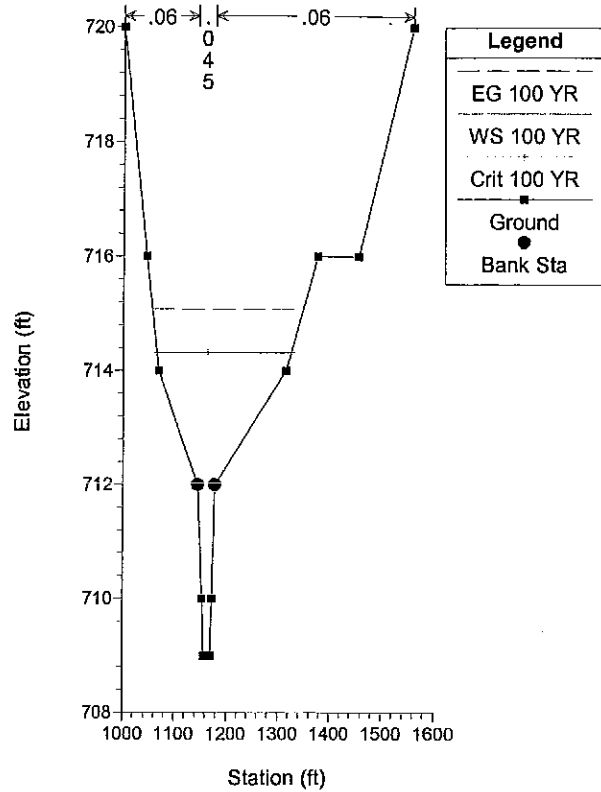
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 6000



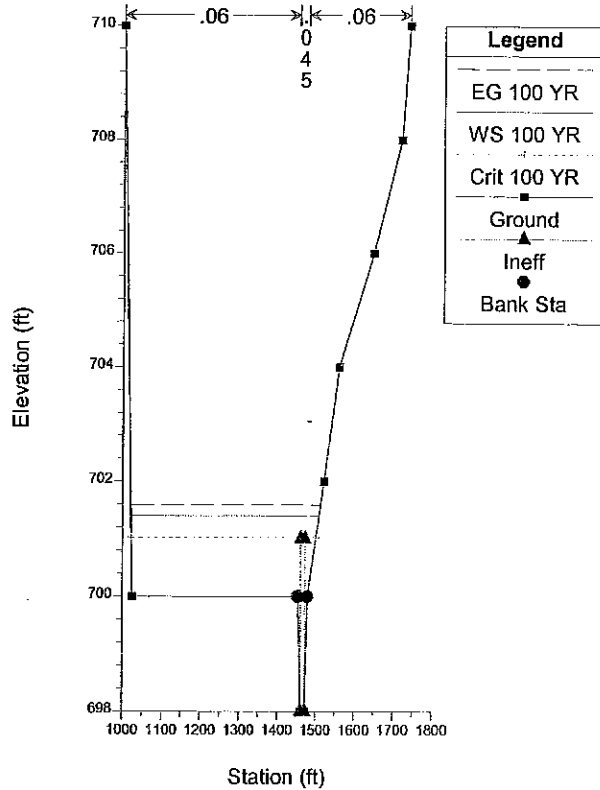
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 5601



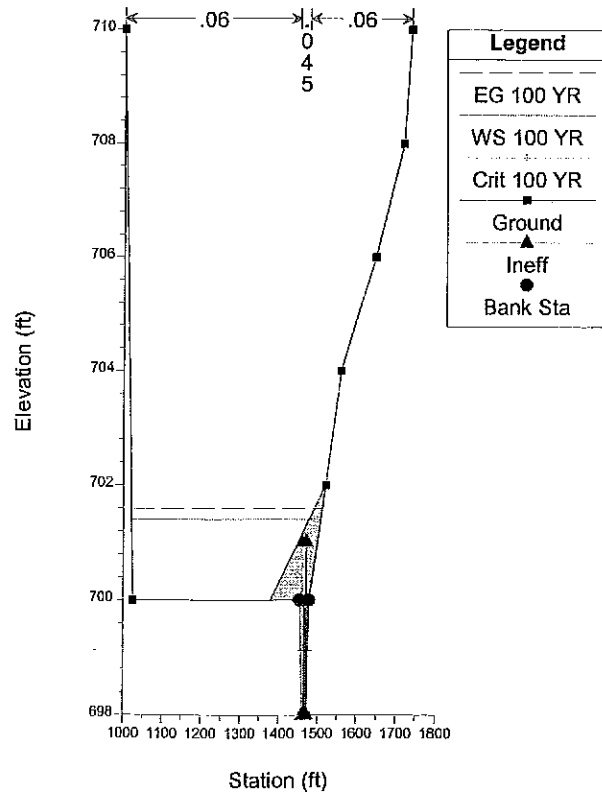
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 5519



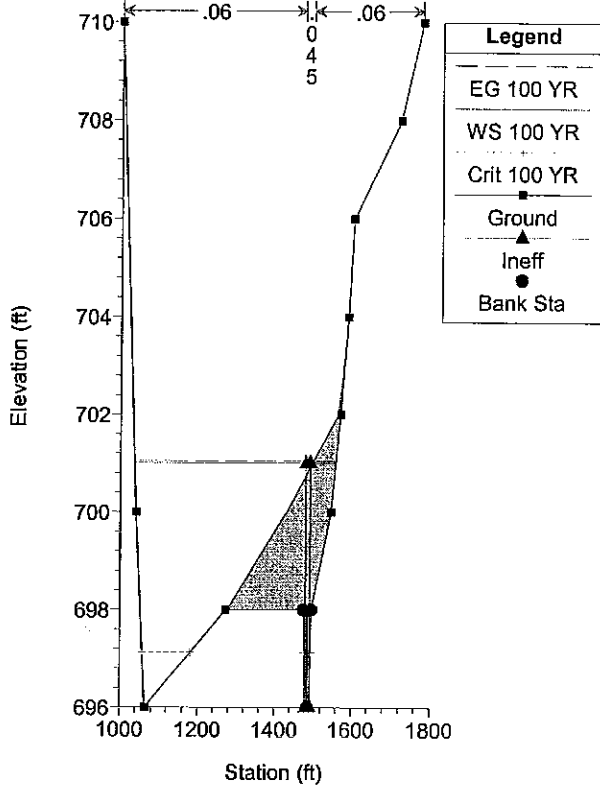
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 4882



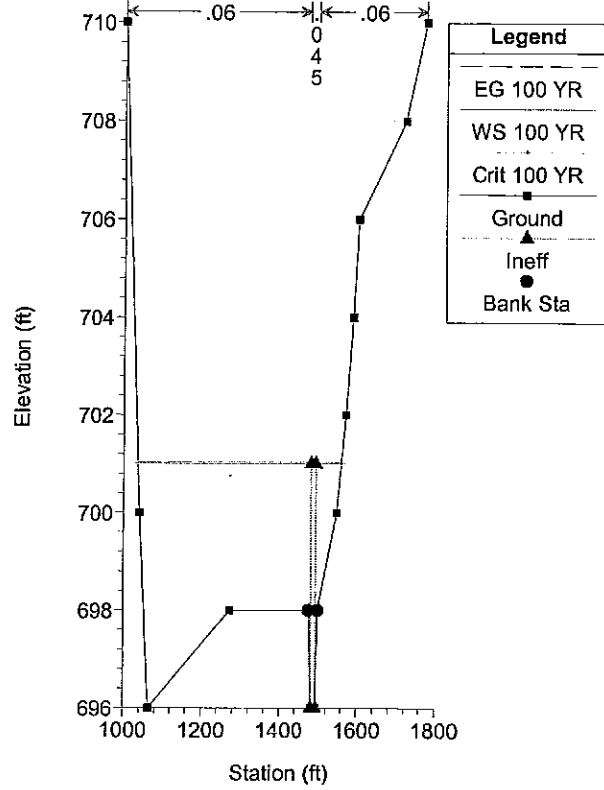
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 4856



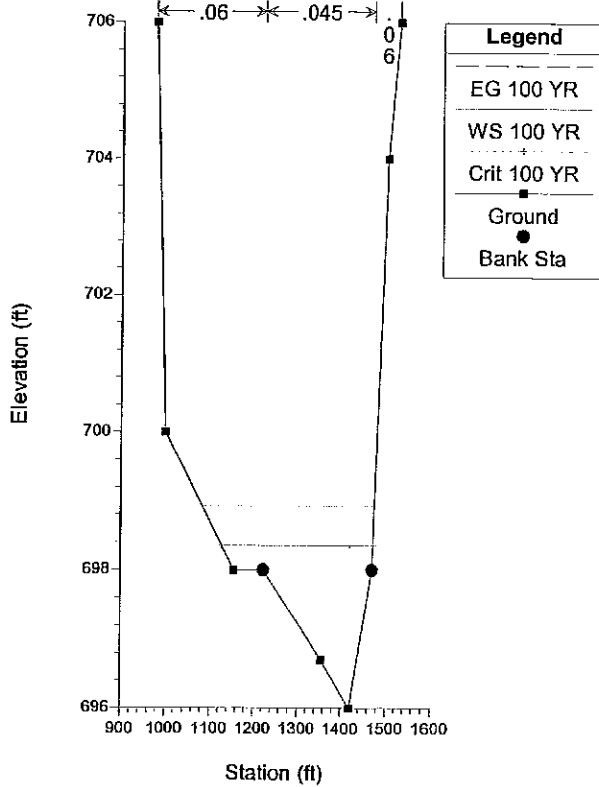
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 4856



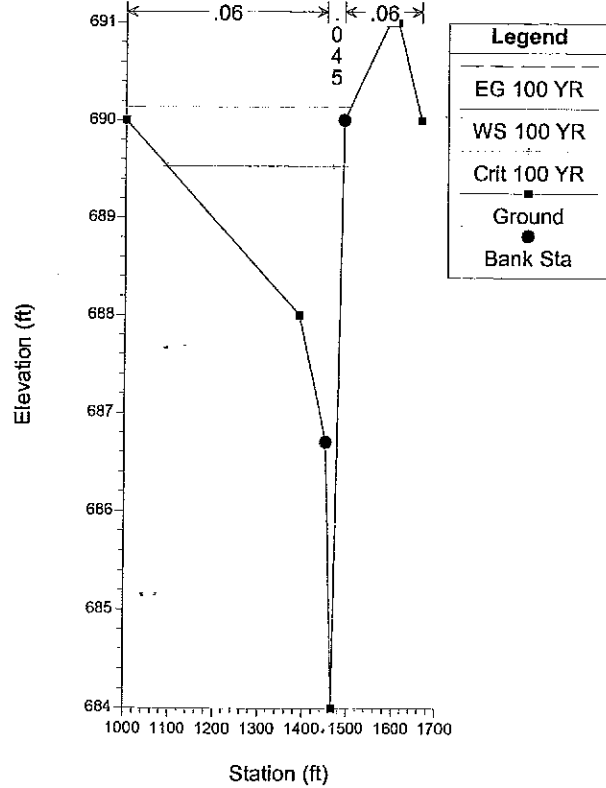
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 4830

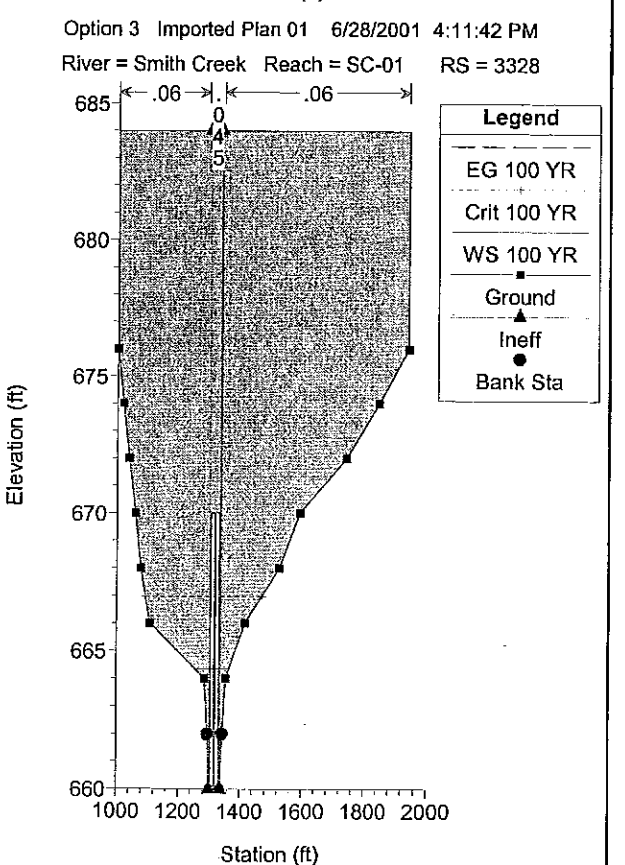
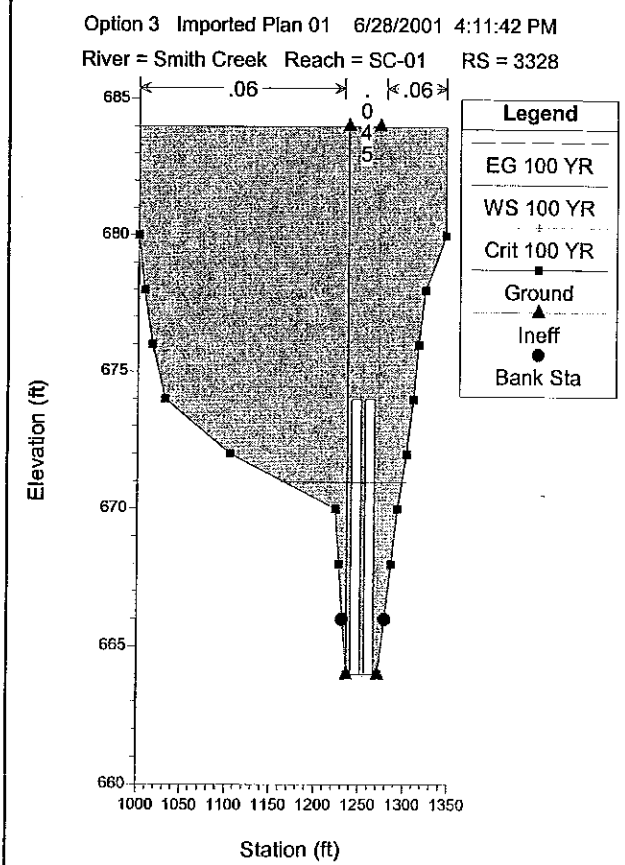
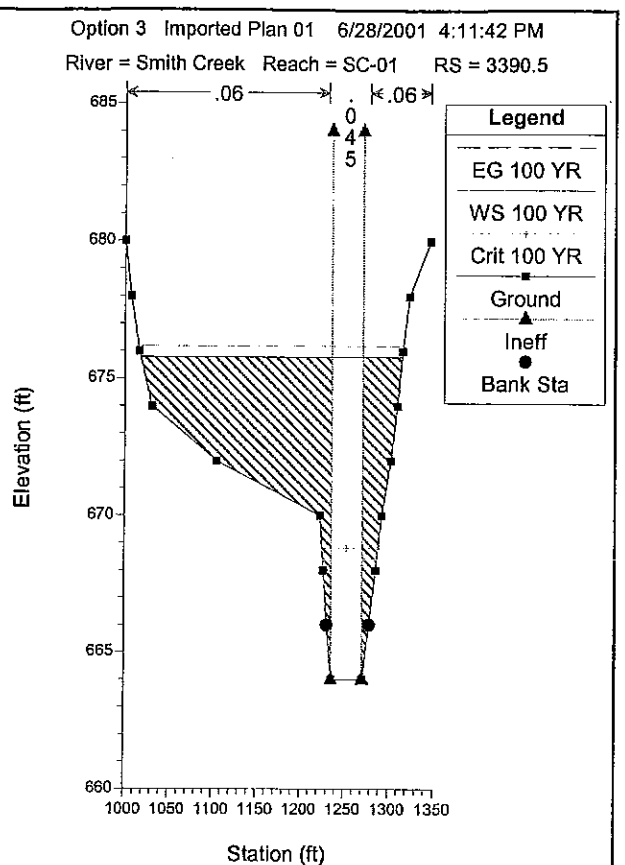
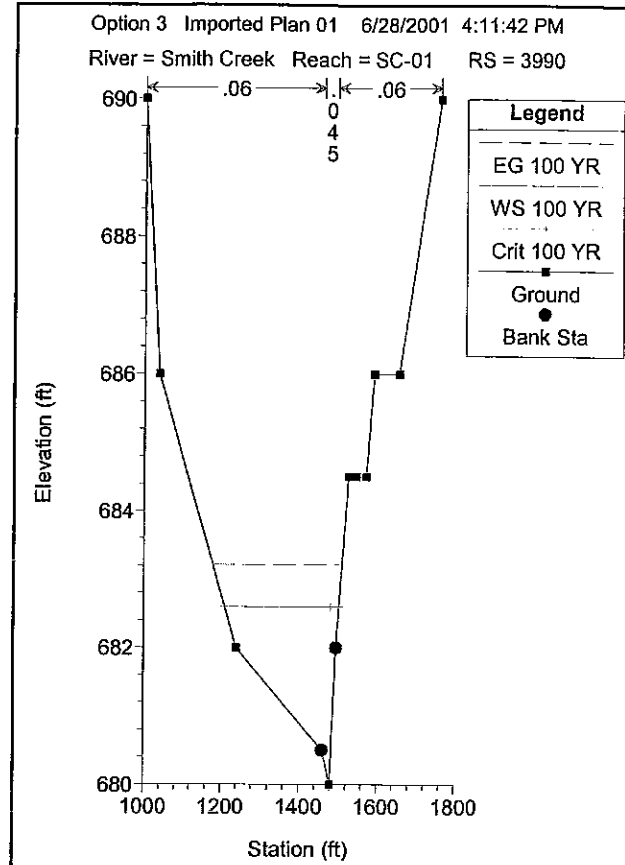


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 4770

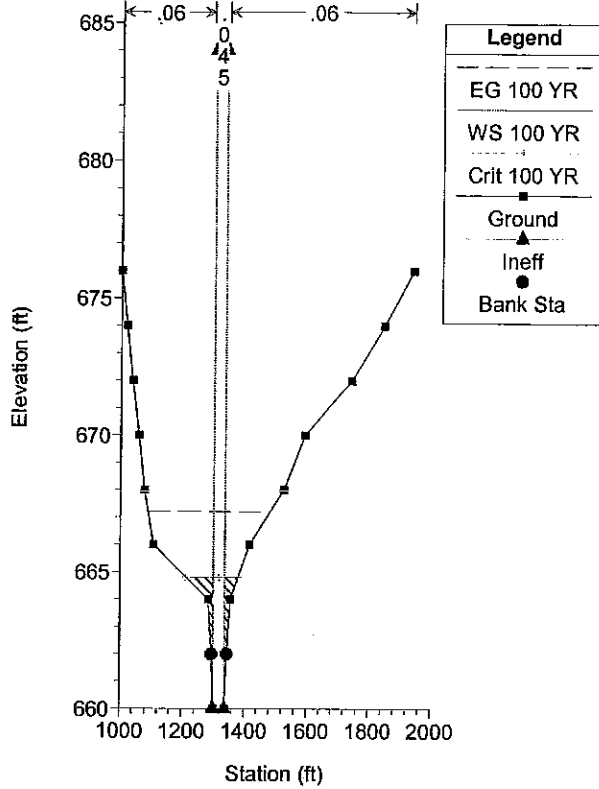


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 4340

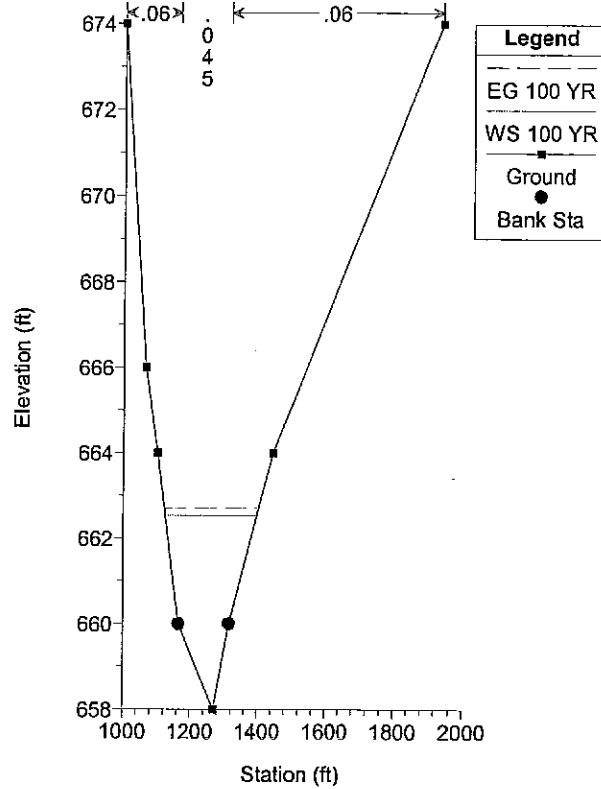




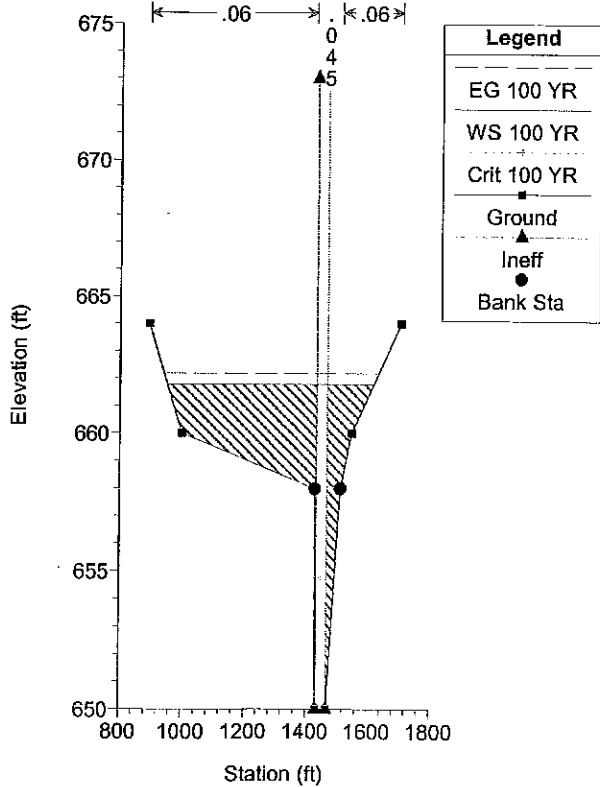
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 3266.5



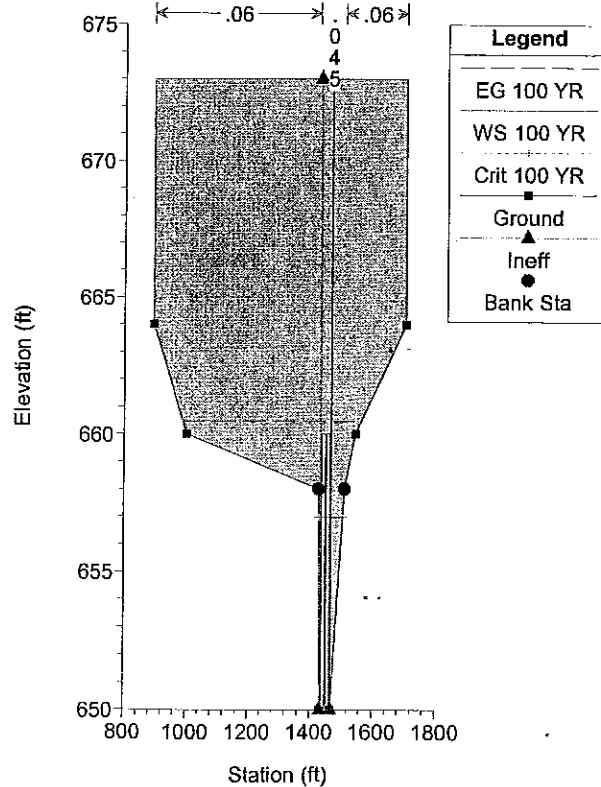
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 3220



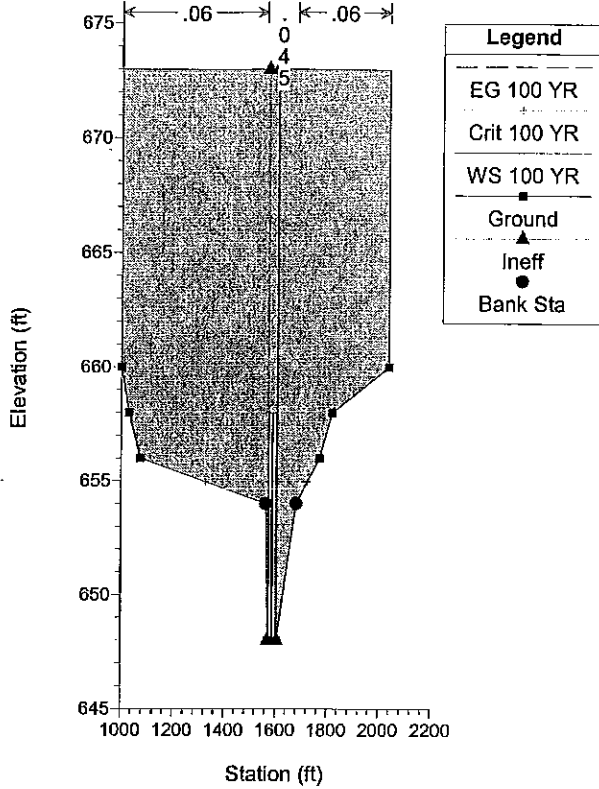
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 2837.5



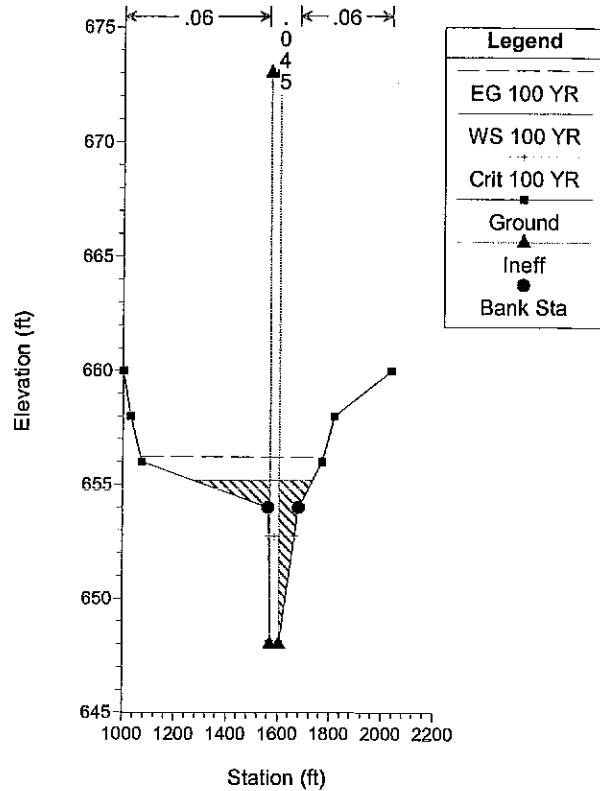
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 2780



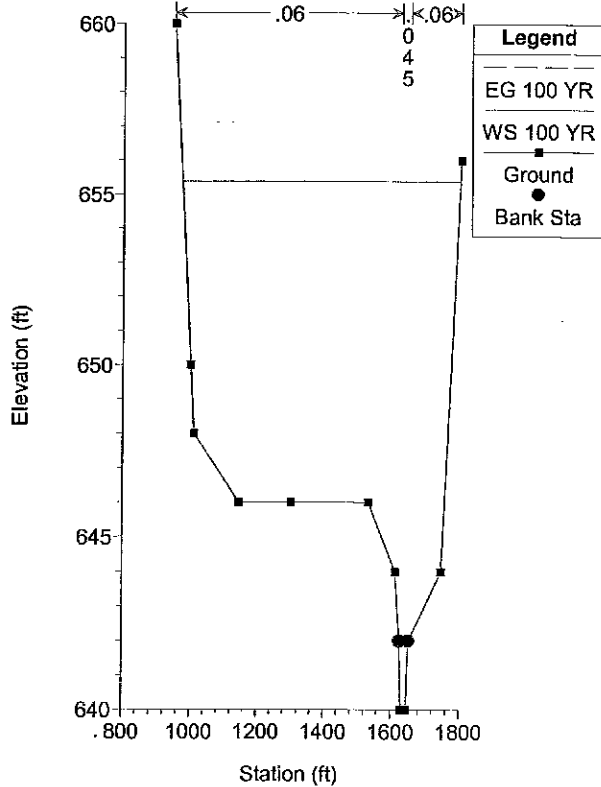
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 2780



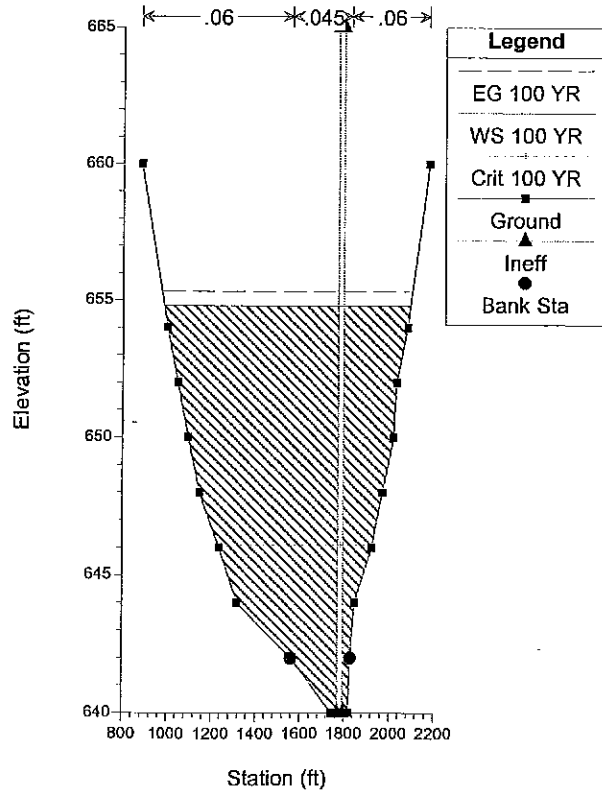
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 2717.5



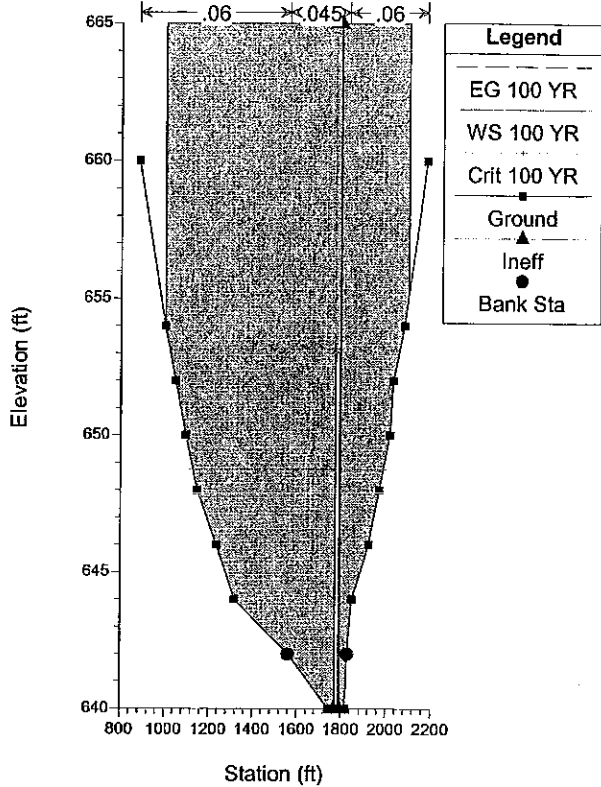
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 2580



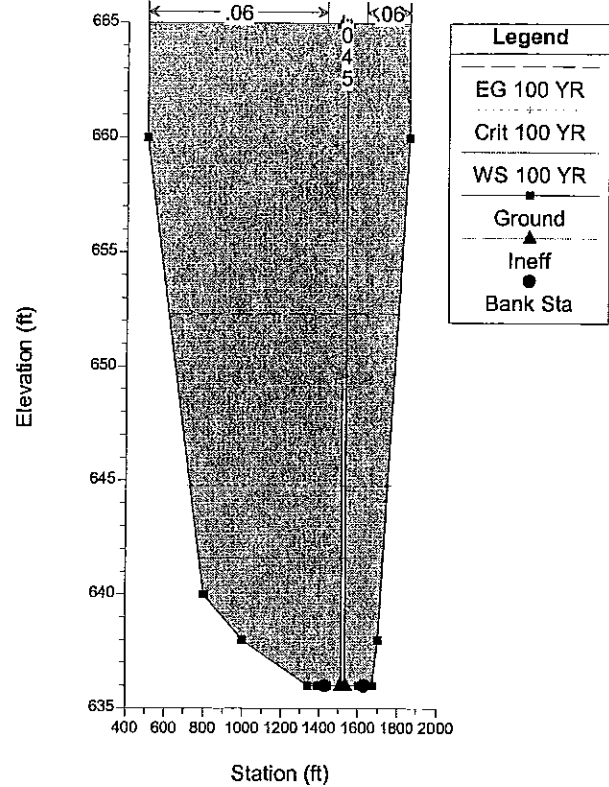
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 2305



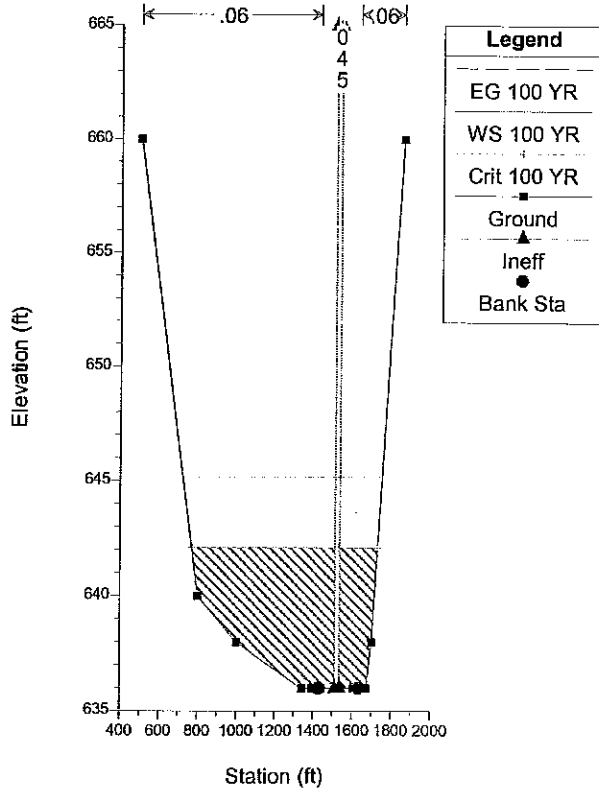
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 2250



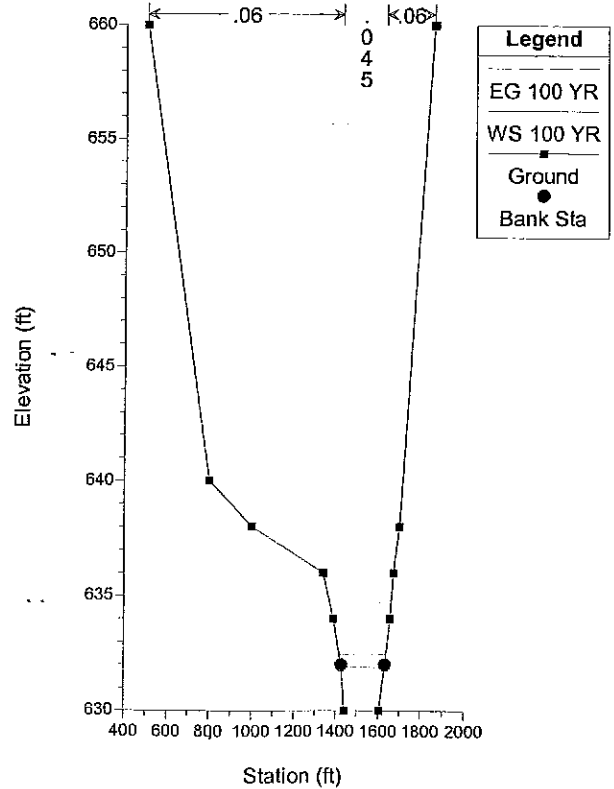
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 2250



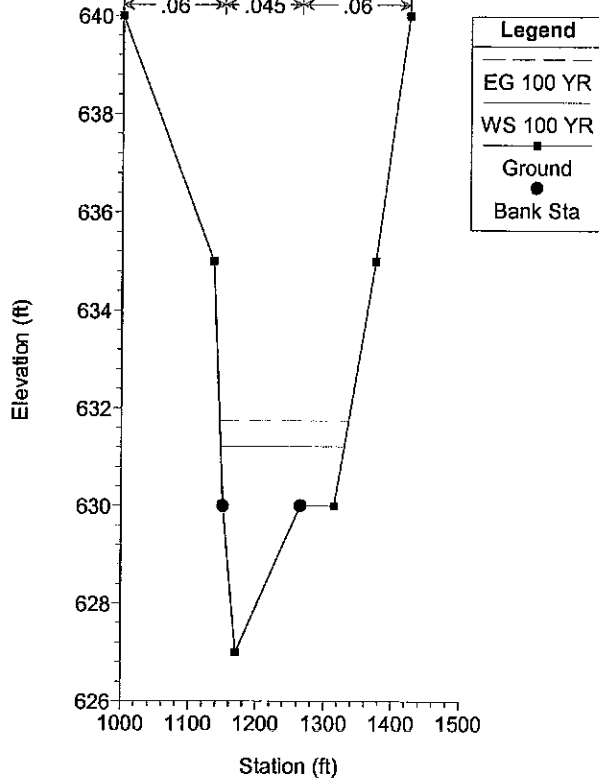
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 2195



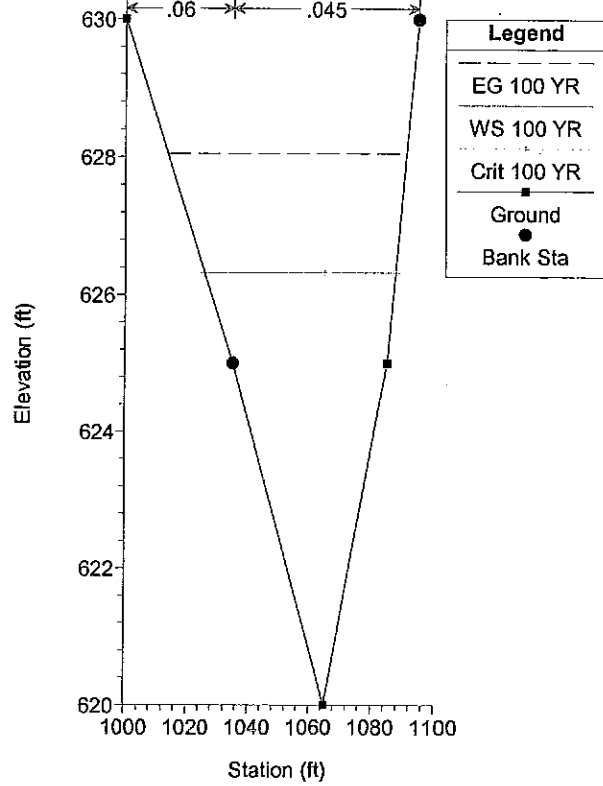
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 2190



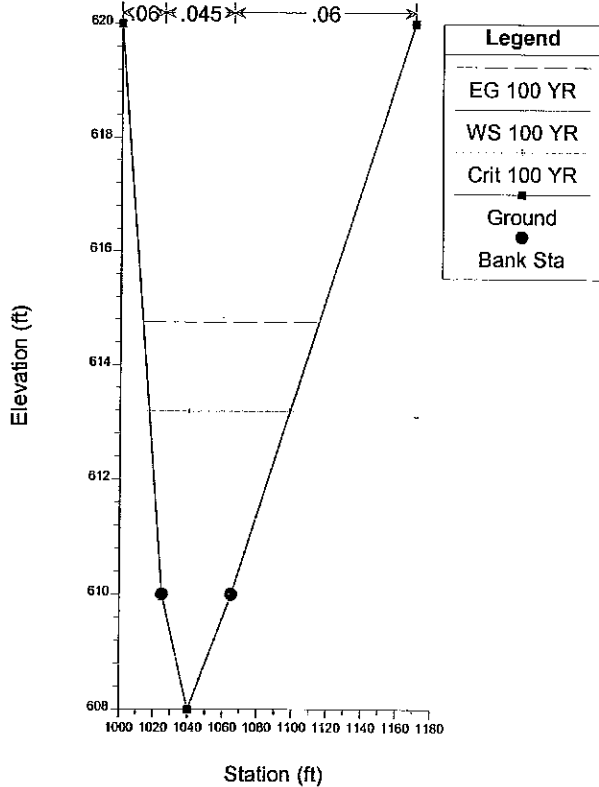
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 2130



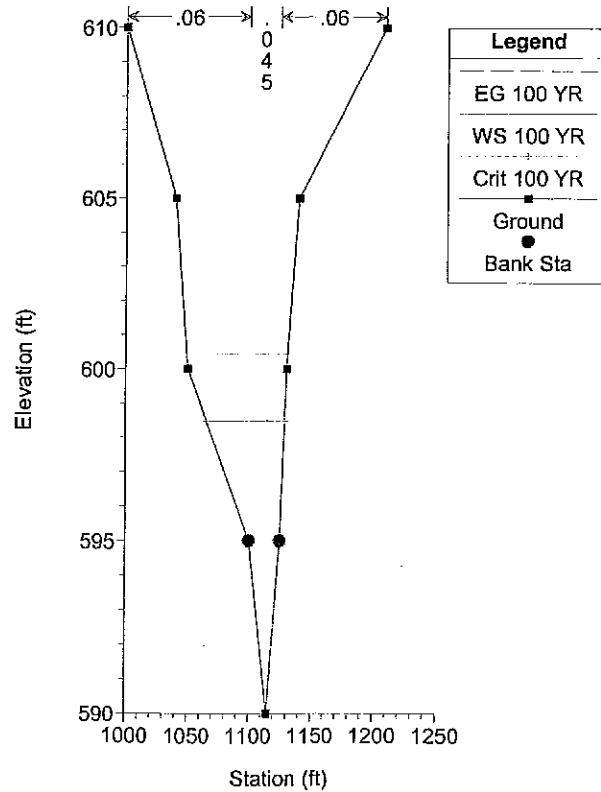
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 1840

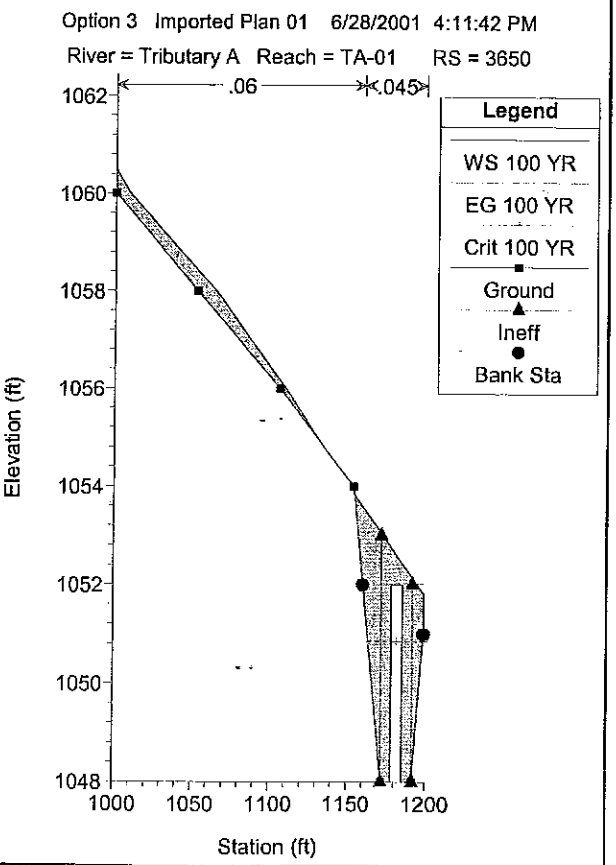
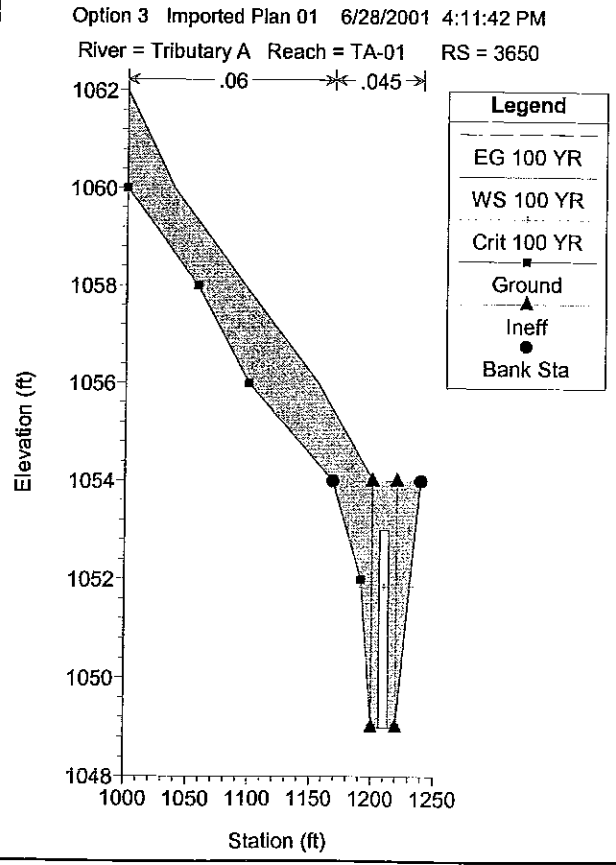
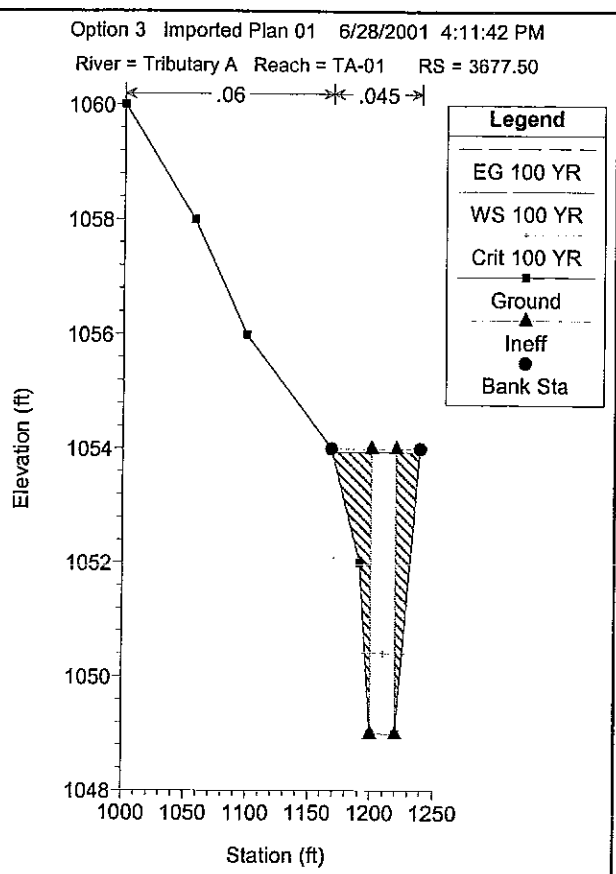
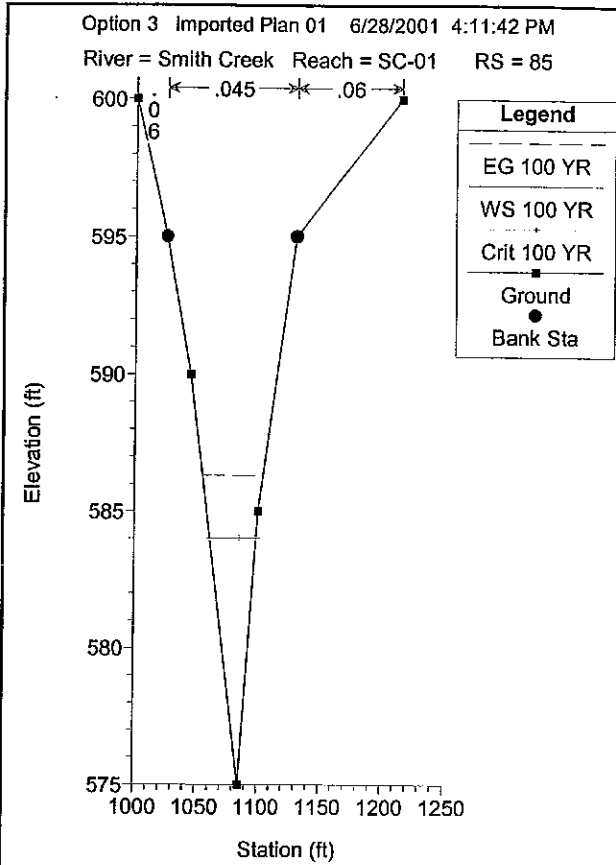


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 1420

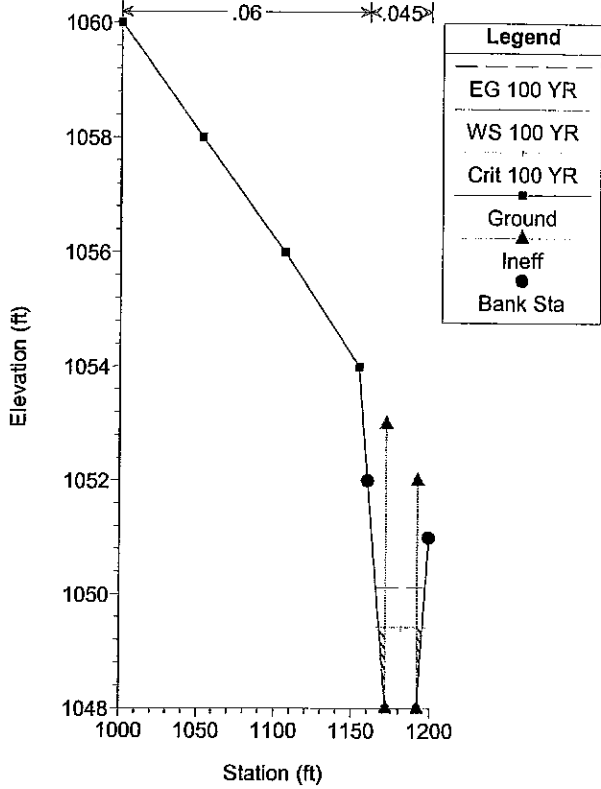


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Smith Creek Reach = SC-01 RS = 820

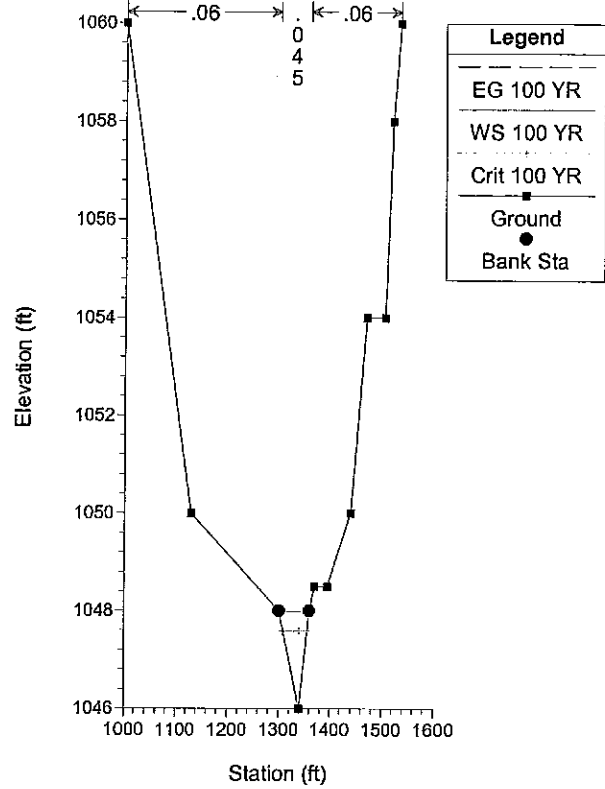




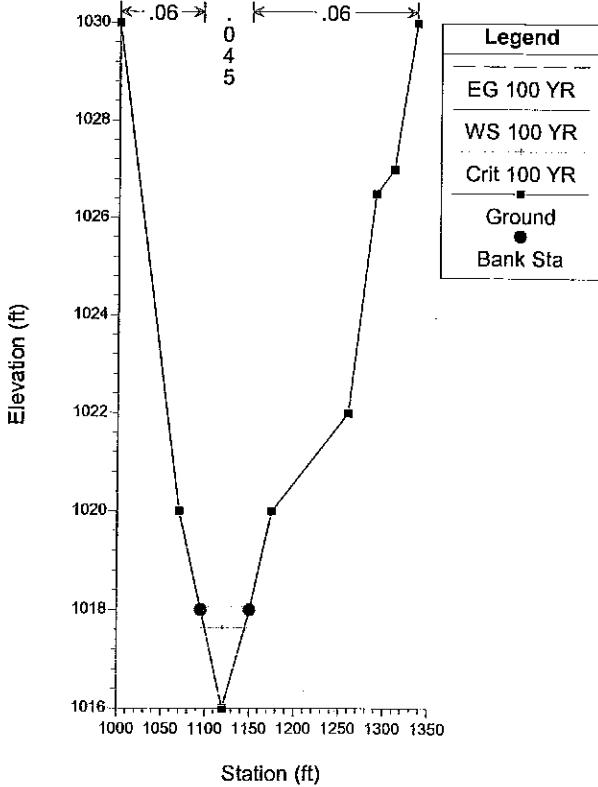
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 3622.50



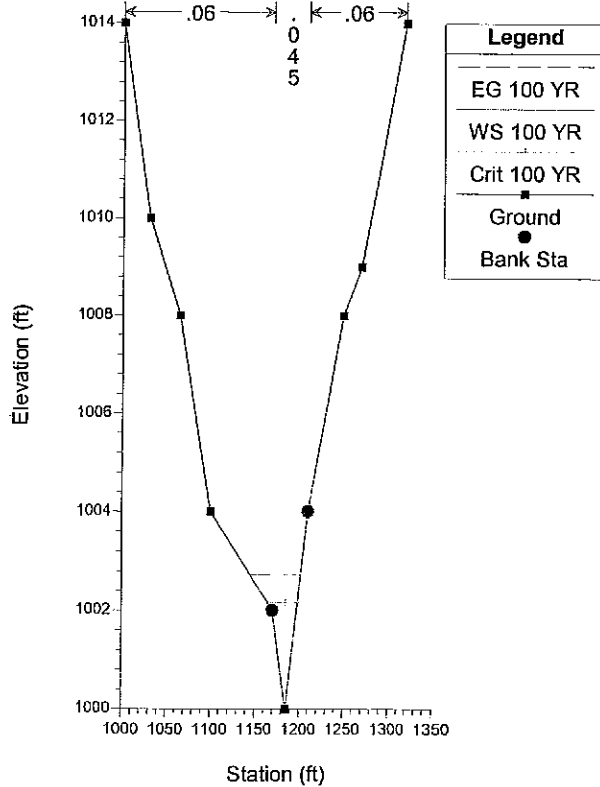
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 3575



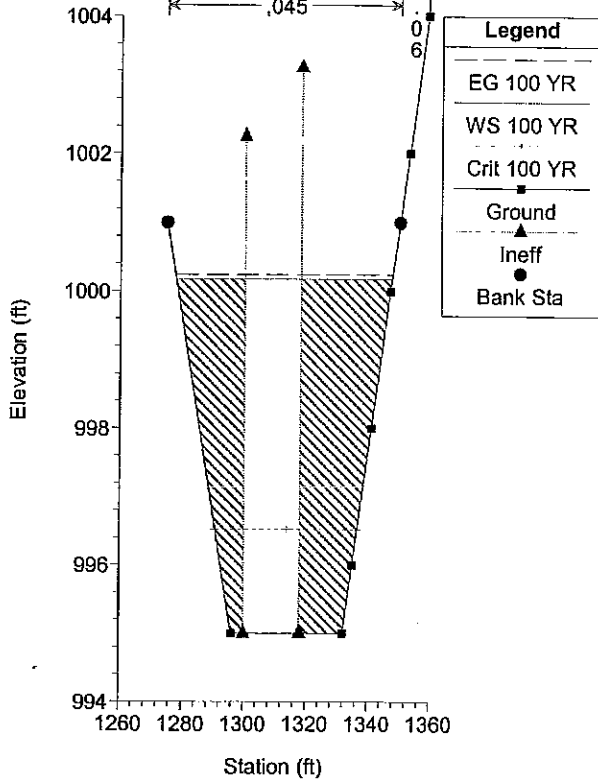
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 3055



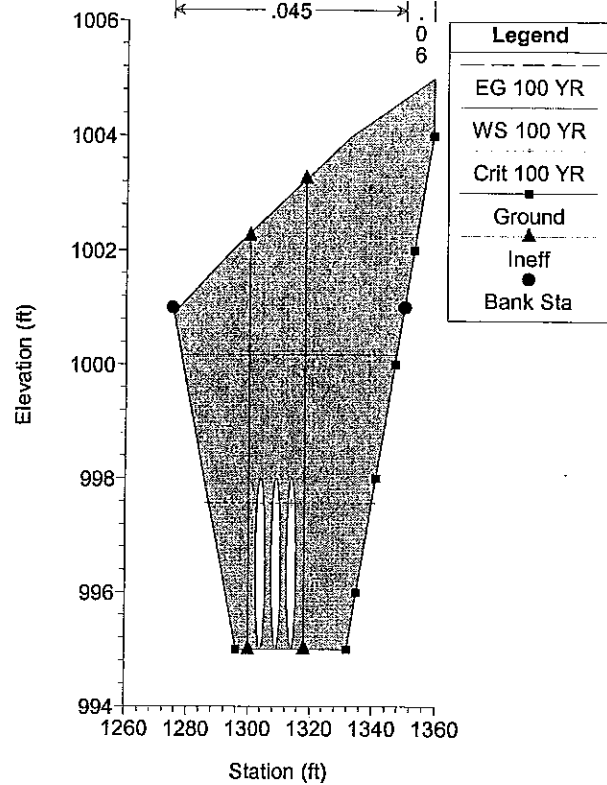
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 2765



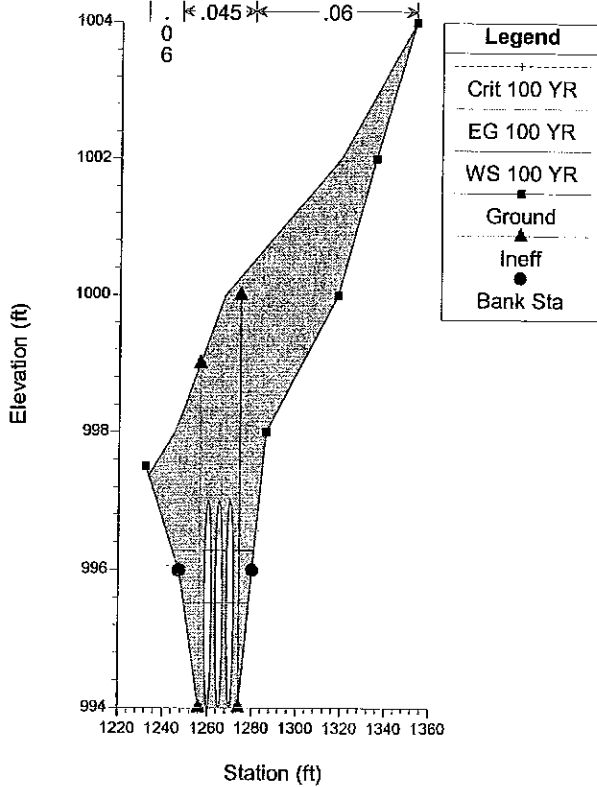
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 2710



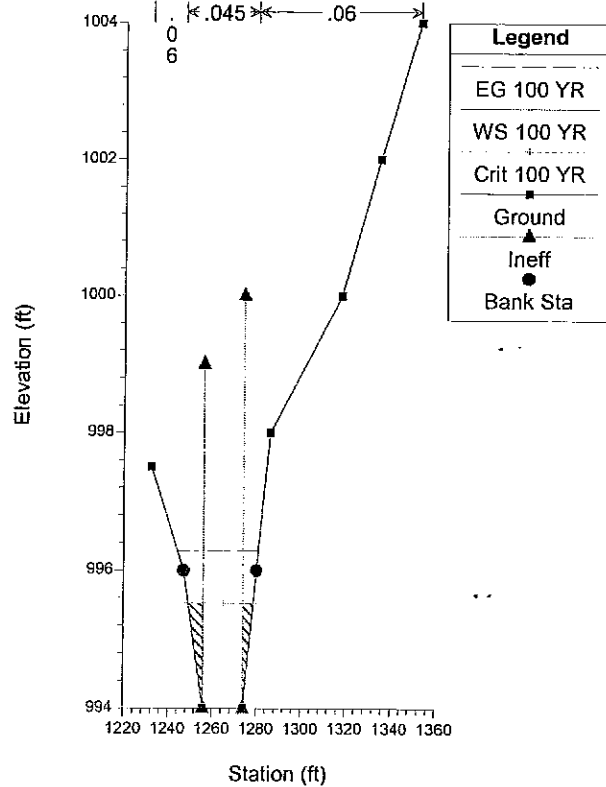
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 2680

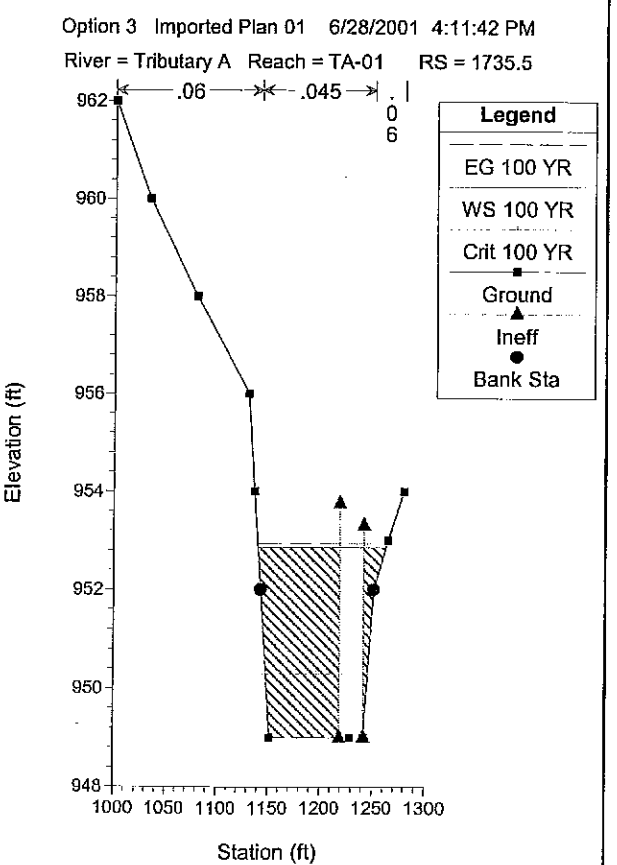
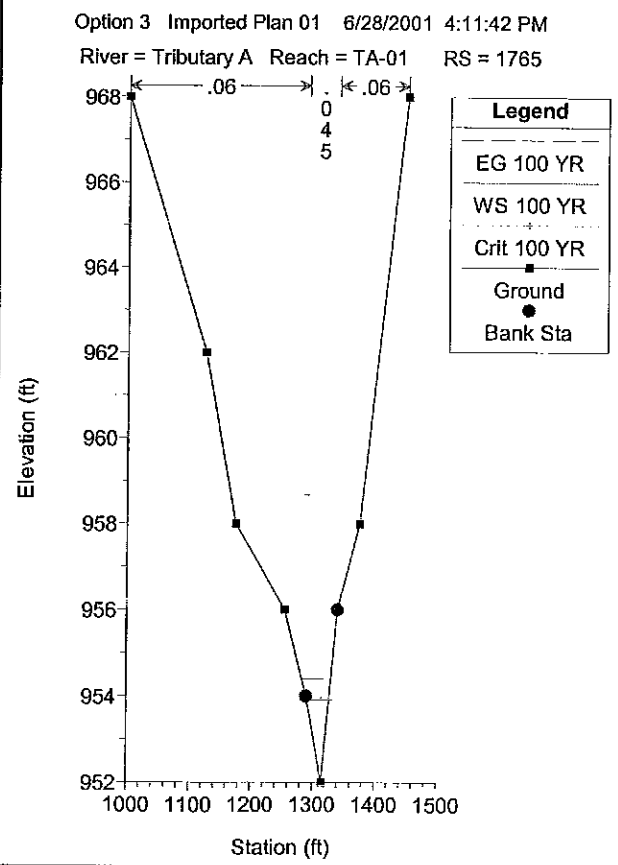
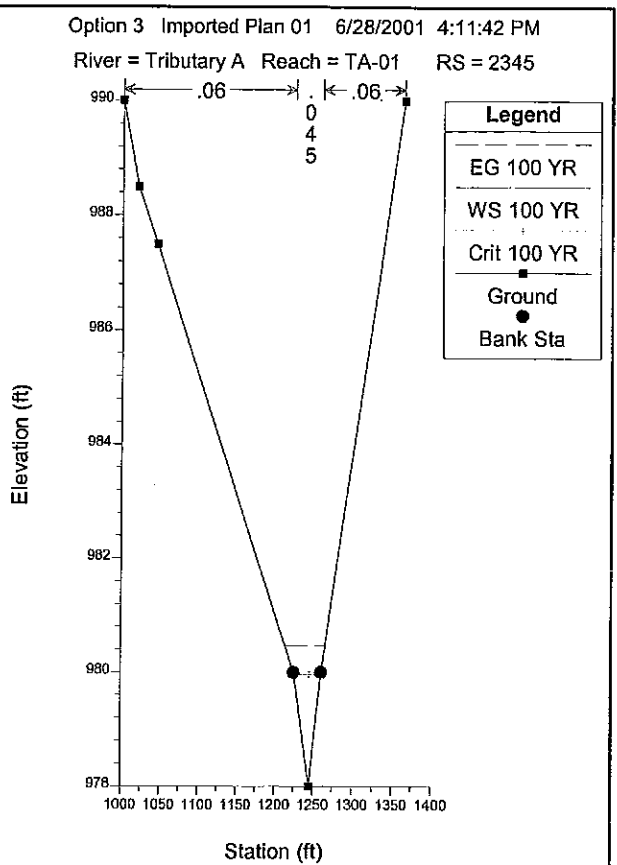
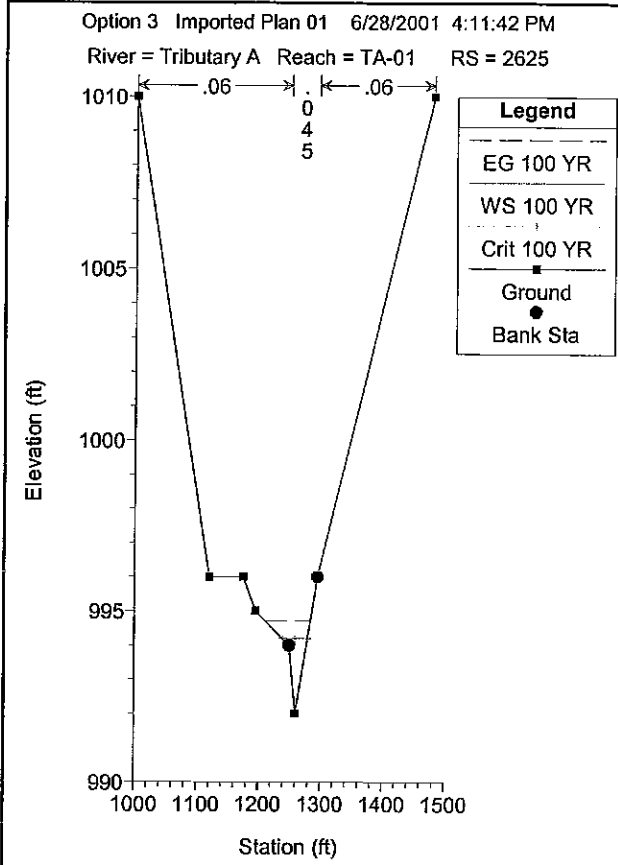


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 2680



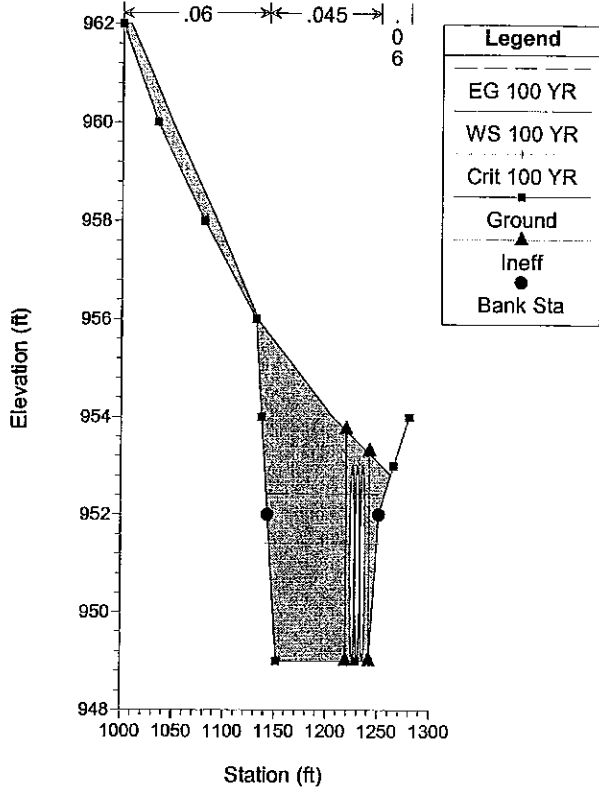
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 2650





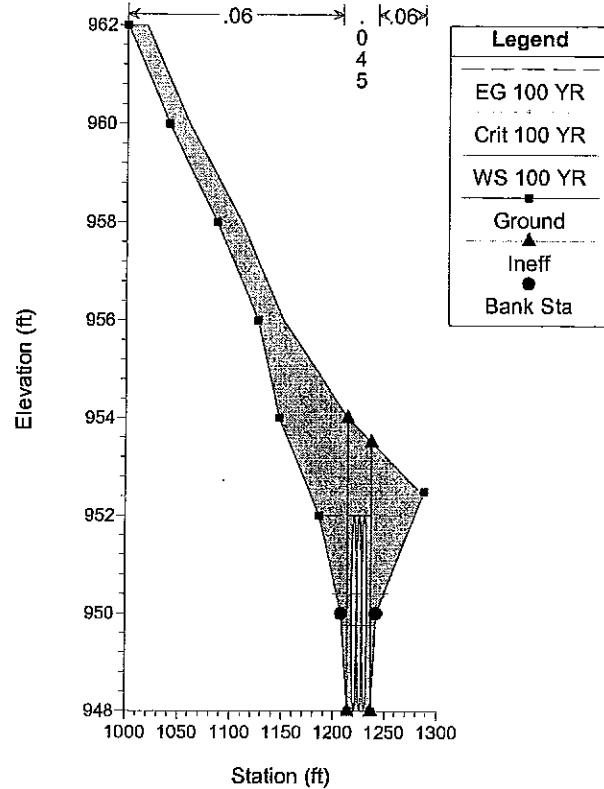
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM

River = Tributary A Reach = TA-01 RS = 1710



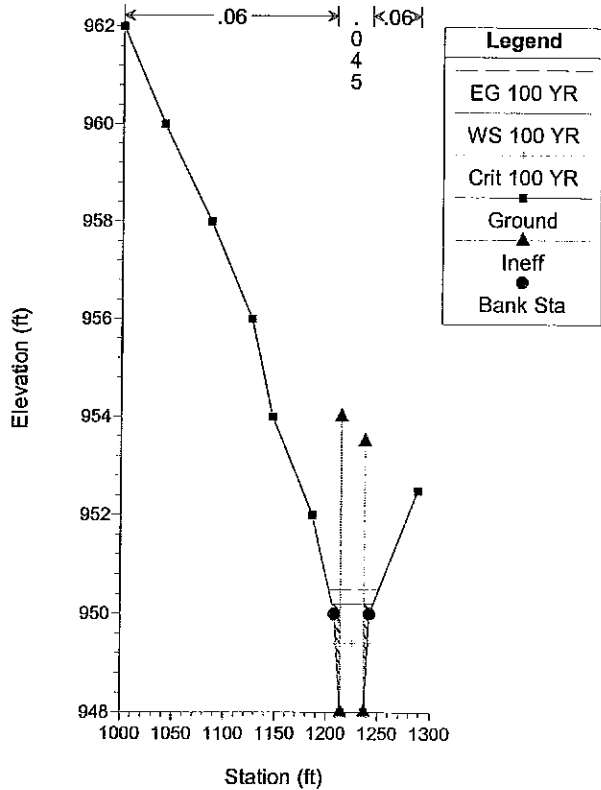
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM

River = Tributary A Reach = TA-01 RS = 1710



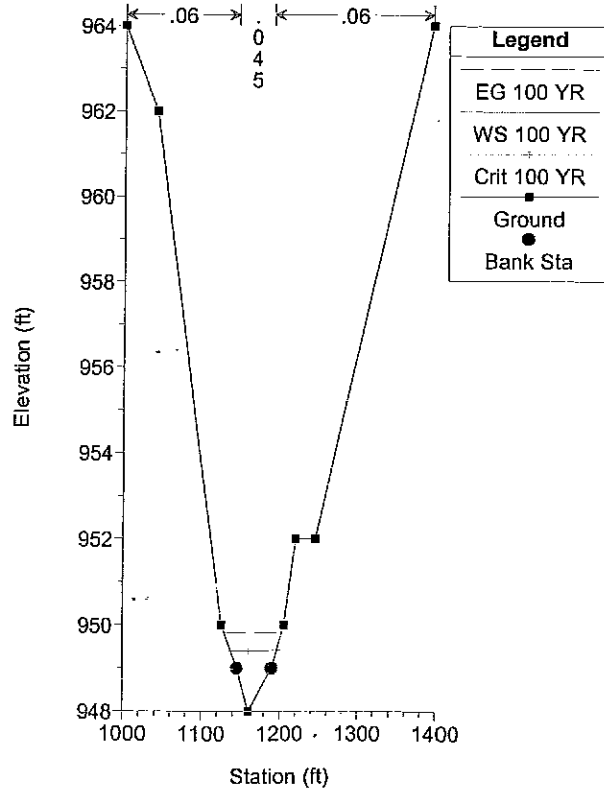
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM

River = Tributary A Reach = TA-01 RS = 1682.5

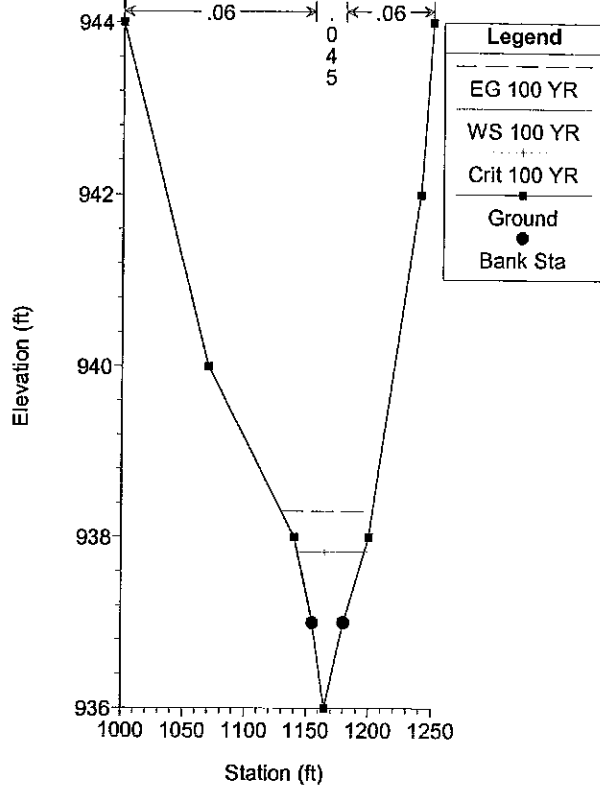


Option 3 Imported Plan 01 6/28/2001 4:11:42 PM

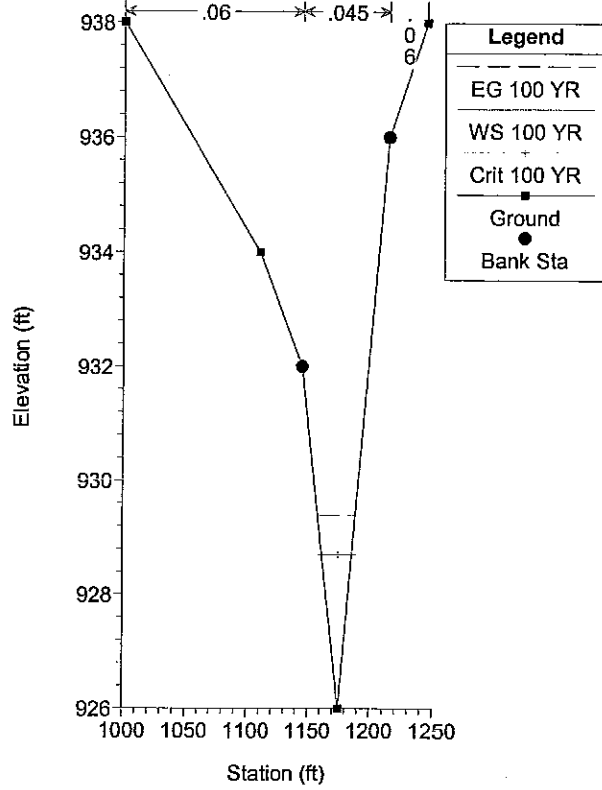
River = Tributary A Reach = TA-01 RS = 1630



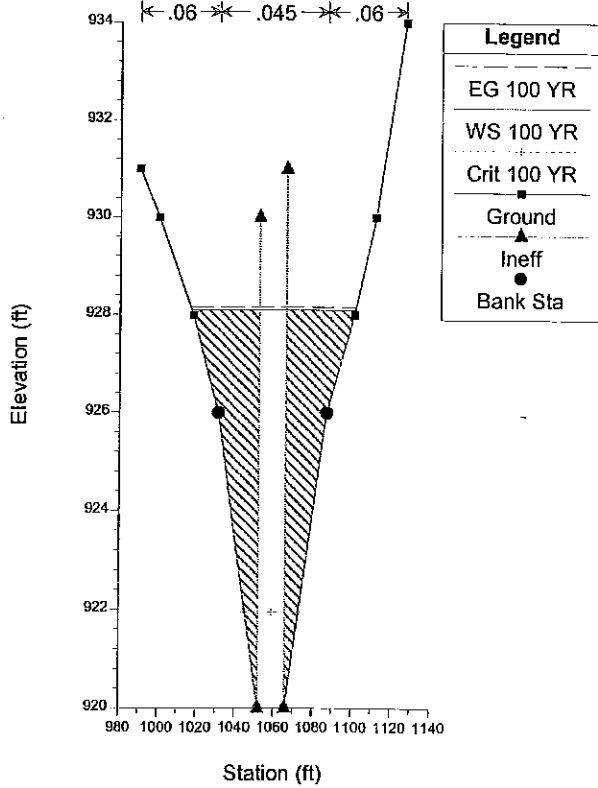
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 1380



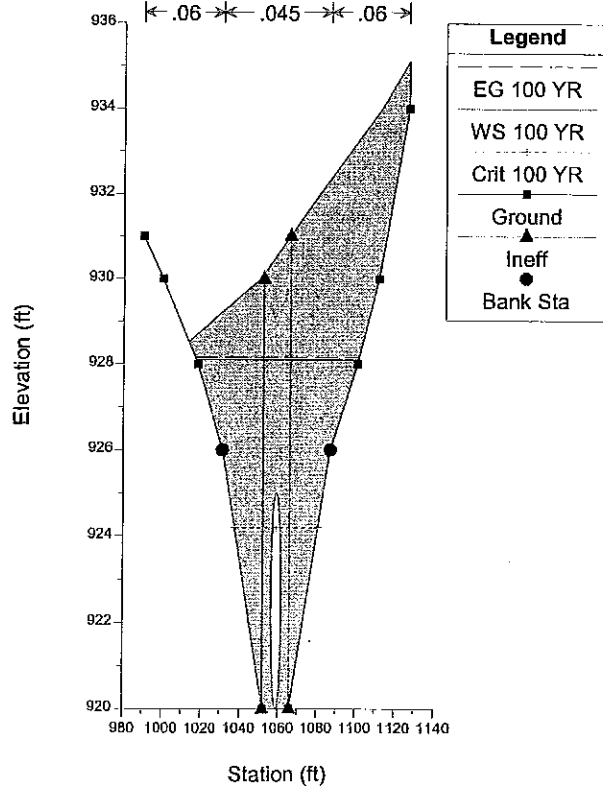
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 1280



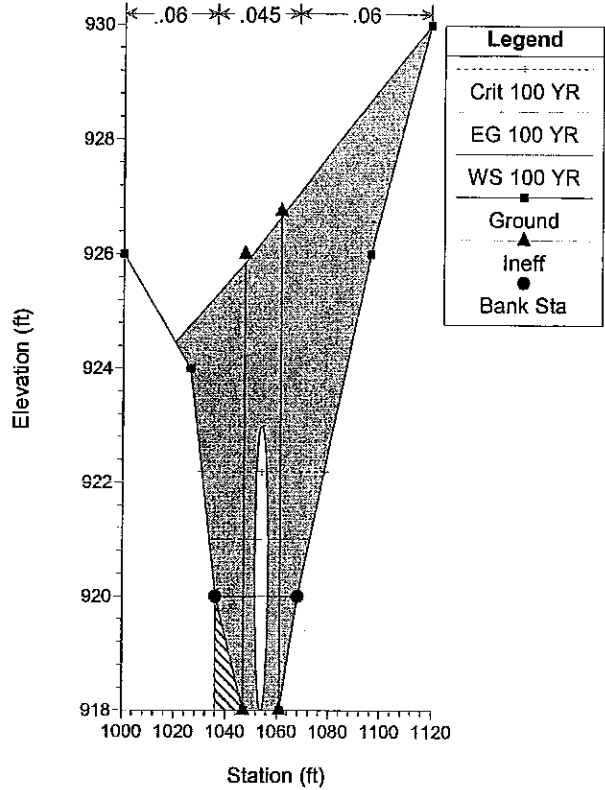
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 1202.50



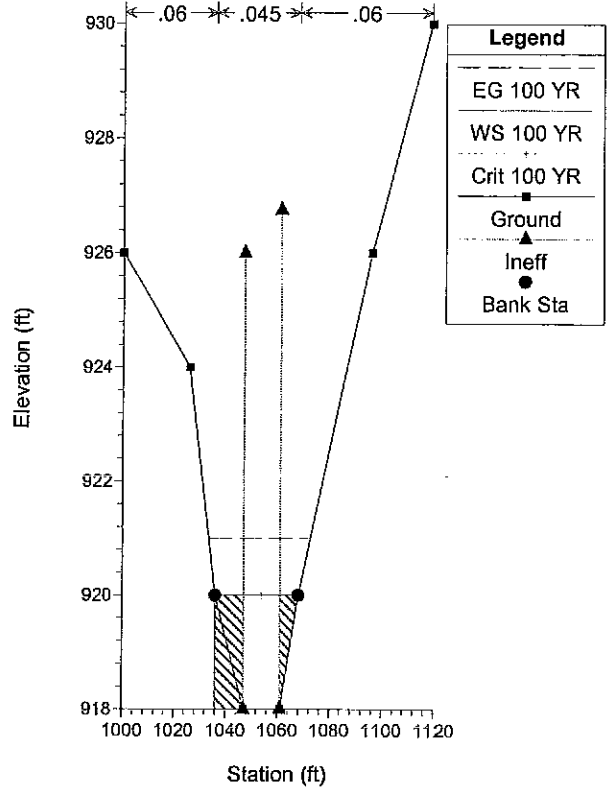
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 1170



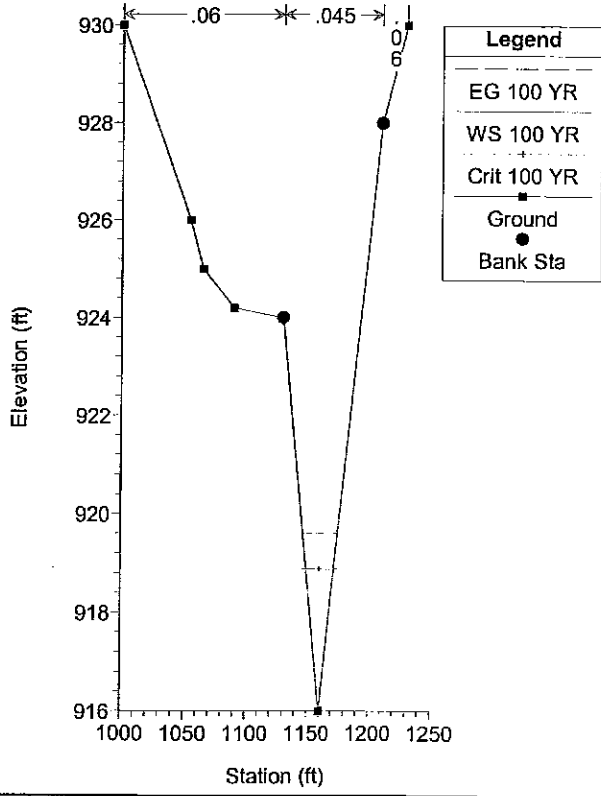
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 1170



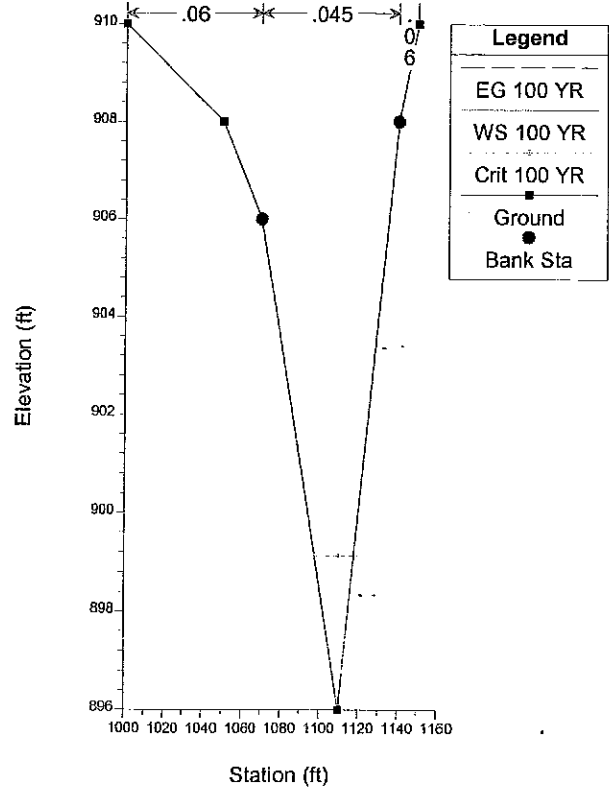
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 1137.5



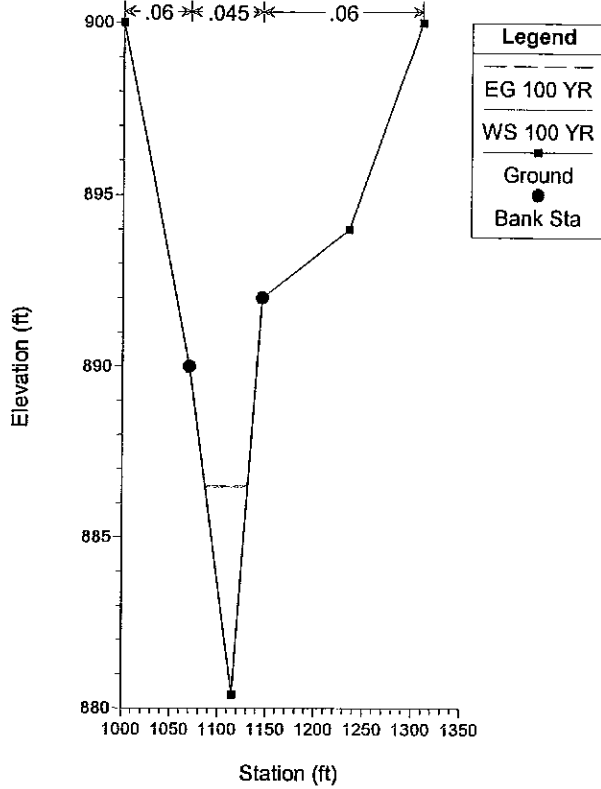
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 1120



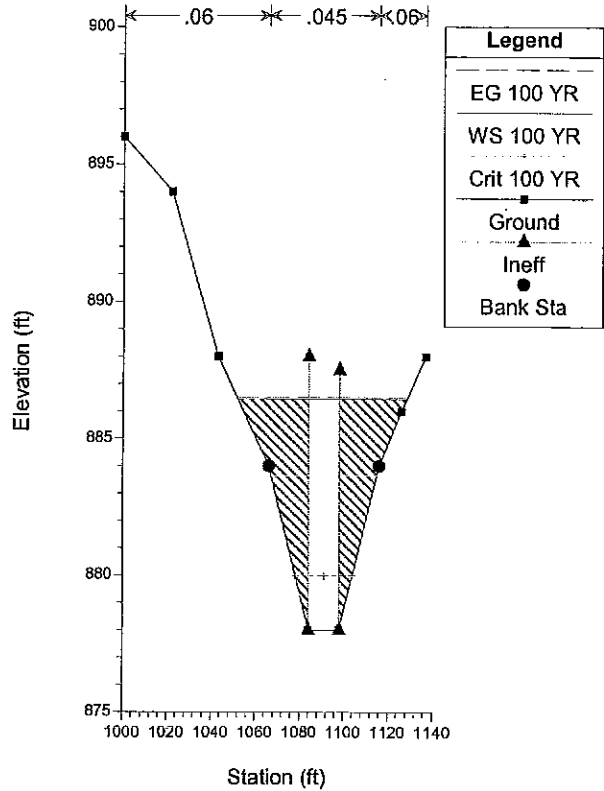
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 760



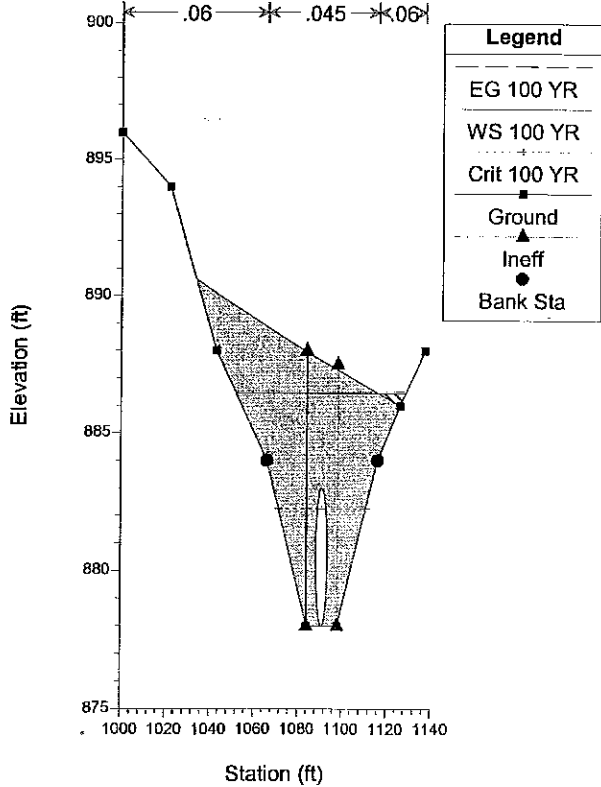
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 510



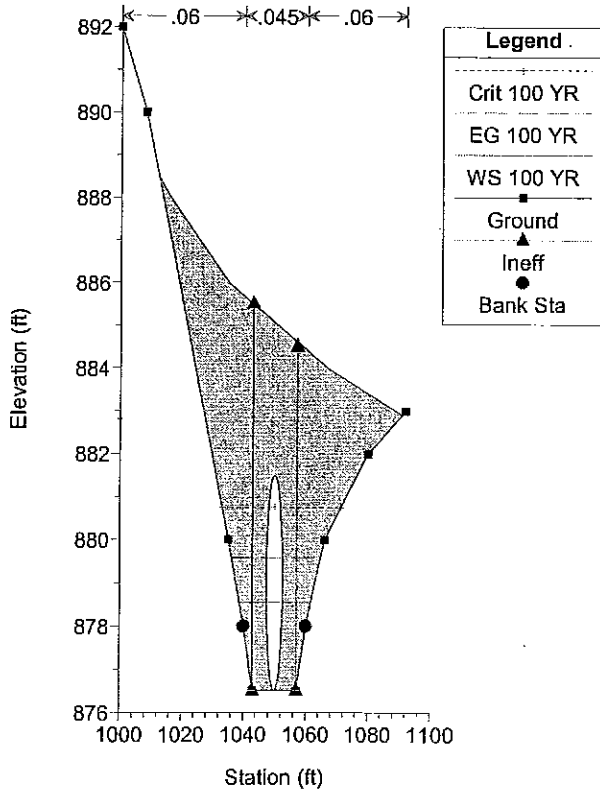
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 492.50



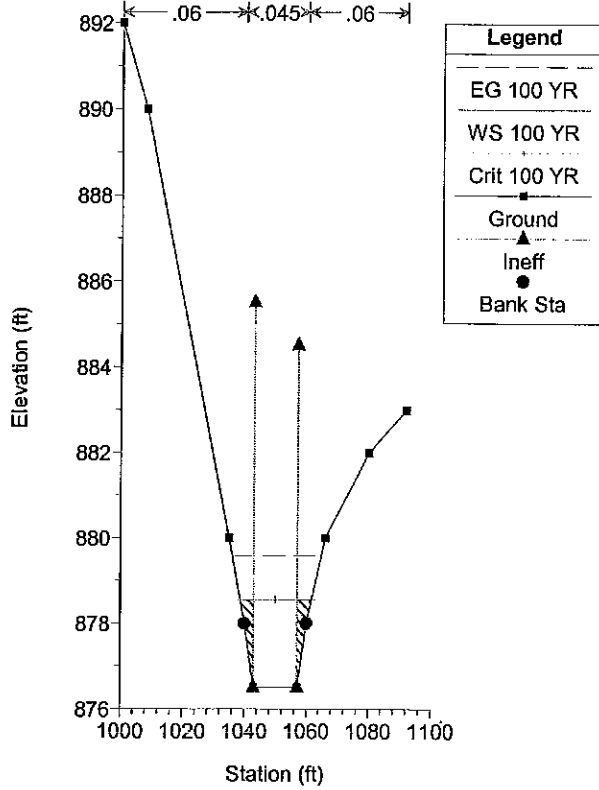
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 460



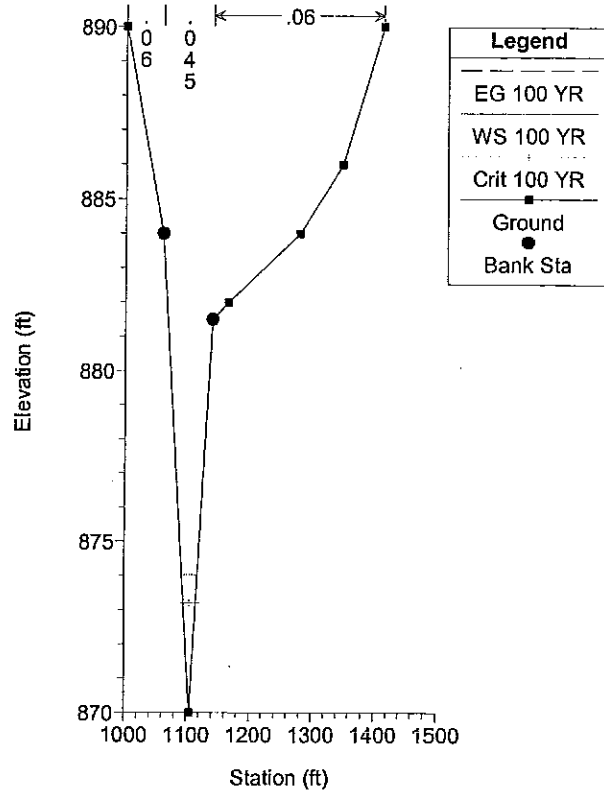
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 460



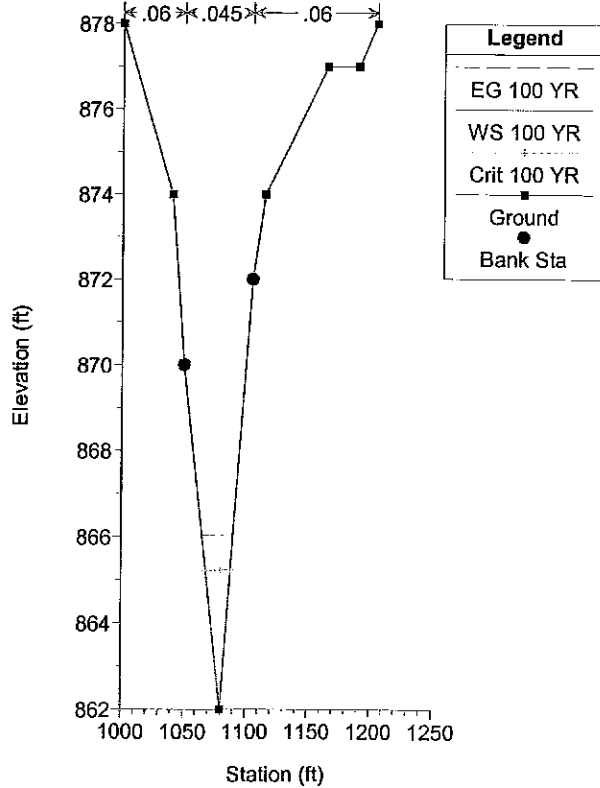
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 427.50



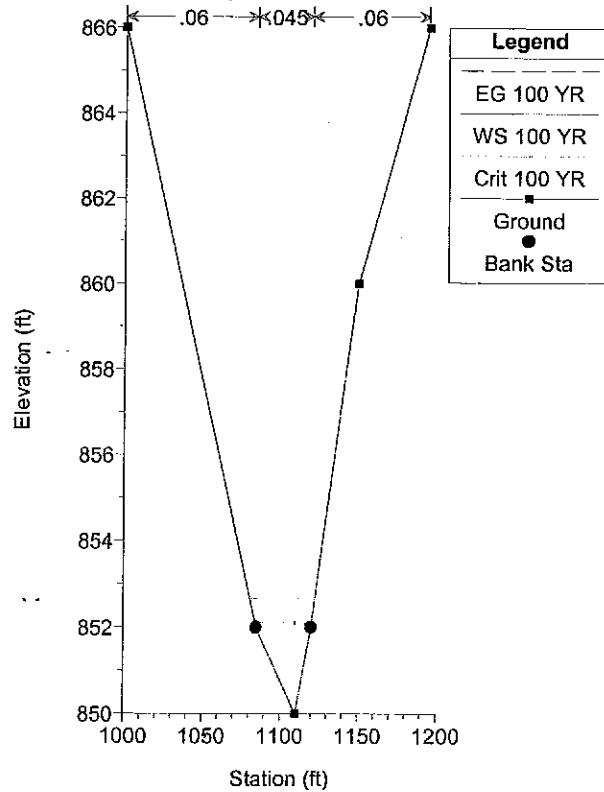
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 345



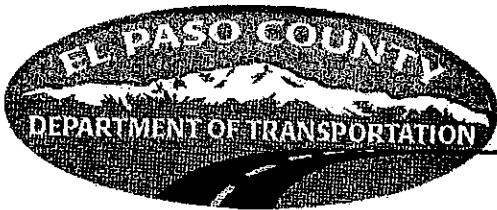
Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 215



Option 3 Imported Plan 01 6/28/2001 4:11:42 PM
 River = Tributary A Reach = TA-01 RS = 75



COUNTY CRITERIA



John A. McCarty, P.E., Director

3460 N. Markshoffel Rd. ♦ Colorado Springs, CO ♦ 80922

(719) 520-6460 ♦ Fax (719) 520-6878 ♦ www.co.el-paso.co.us/Transprt/default.htm

FAX COVER SHEET

TO: Luanne D. Rubey, P.E.
PHONE: 593-2593
FAX: 528-6613

FROM: John Clack, P.E.
PHONE: 520-6460
FAX: 520-6878
EMAIL: JohnClack@elpasoco.com

DATE: June 20, 2001

SUBJECT: Smith Creek DBPS

PAGES (Including Cover Sheet): 28

REMARKS:

Here is some additional information on the Prudent Line and Drainage Basin Fees. Let me know if you need any additional information.

DRAFT

MARCH 13, 2001

Addendum

**Revised Drainage Basin Fees Based on Impervious Area
For Unincorporated El Paso County Only**

**City of Colorado Springs & El Paso County
Drainage Criteria Manual**

*FOR REVIEW BY
THE CITY/COUNTY
DRAINAGE BOARD*

COORDINATED WITH
EL PASO COUNTY STAFF
AND
DRAINAGE CRITERIA MANUAL REVISIONS TASK FORCE

TECHNICAL WORK BY AYRES ASSCIATES AND SEC OLSSON ASSOCIATES

DRAFT 3-13-2001

DRAINAGE BASIN FEE ADDENDUM

CHAPTER 3

This revised fee addendum is intended to supplement Chapter 3 in the Drainage Criteria Manual. It is only effective for use in El Paso County (not in the City of Colorado Springs). Many of the items outlined in Chapter 3 remain applicable to the basin fee calculation process. If a discrepancy exists between this addendum and the original Chapter 3, this addendum shall apply.

3.5a Impetus for Revisions to the Basin Fee

The implementation, maintenance, and improvement of an adequate drainage system in the County were not occurring because of several past problems with assessment and collection of the basin drainage fees. Drainage fees were unreasonably high in some areas, and several land developers had sought and performed "end runs" around the fee payment. Those challenges to the payment of drainage fees had been successful for the following reasons:

- The County's drainage basin fee system did not meet the legal test for proportionality. For stormwater, the proportionality test means that the fee for a development should be roughly proportional to the increase in stormwater runoff that the development generates. Therefore, the fee should not be based on the total acreage of a development (as was in the previous system) but on the number of impervious acres.
- The County's policy for the type of stormwater detention ponds required (regional and/or on-site) was not clear.
- A County policy for implementing regional detention ponds and other regional facilities had not been established.

In the County, a land owner can apply credits earned from one project towards another project within the same basin. However, credits earned in one basin may not be transferred to another basin.

In general, the City of Colorado Springs does not collect fees on replats unless required as a condition of annexation; however, the County does collect fees on replats as explained below.

3.6a History of the Fee Revision Process

El Paso County has levied a basin fee based on acres of development since 1983. Because of the proportionality and general equity issues raised above, the basin fee revision process began in 1998 that culminated in the issuance of a September 21, 1998 draft report entitled "Proposed Revisions - Drainage Basin Fee Program and Policy for New Development, El Paso County, Colorado" along with a subsequent November 17, 1998 Addendum to clarify on-site detention policy and correct minor typographical errors. A key finding of that report was that basin fees should be based on impervious acres rather than gross developed acres.

Following a review of the above draft, the development community believed that many of the revised basin fees were too high. As such, the developers hired the engineering consulting firm Ayres Associates to investigate the "Prudent Line" approach where applicable in lieu of