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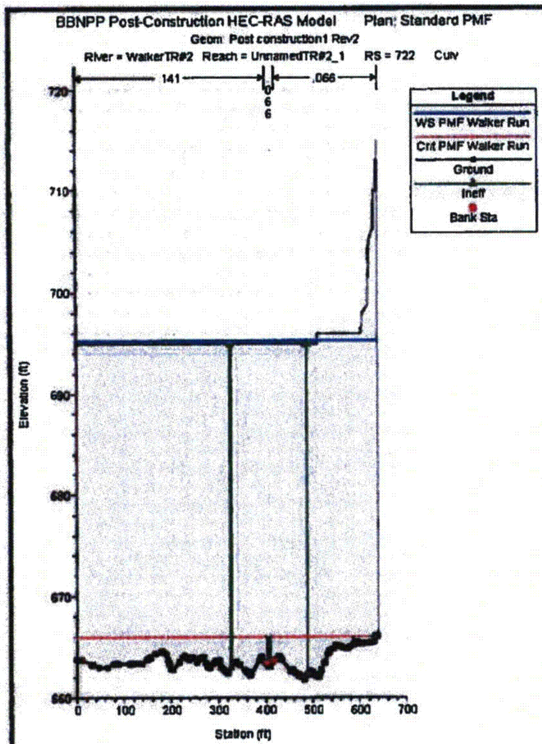
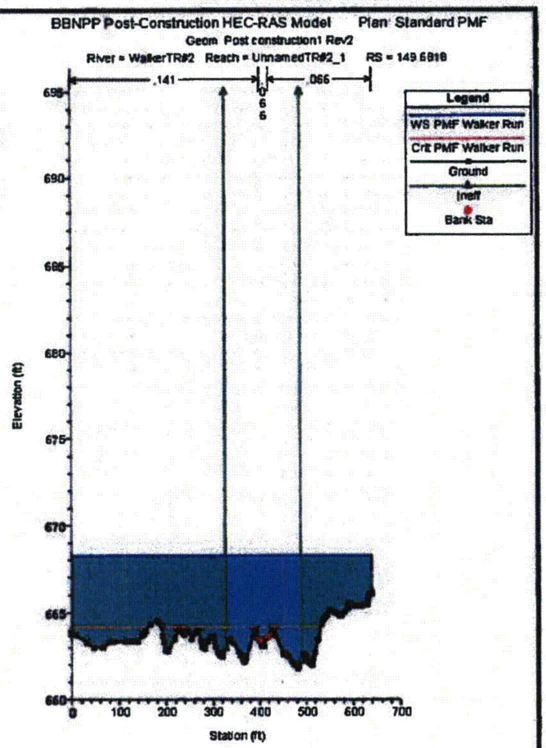




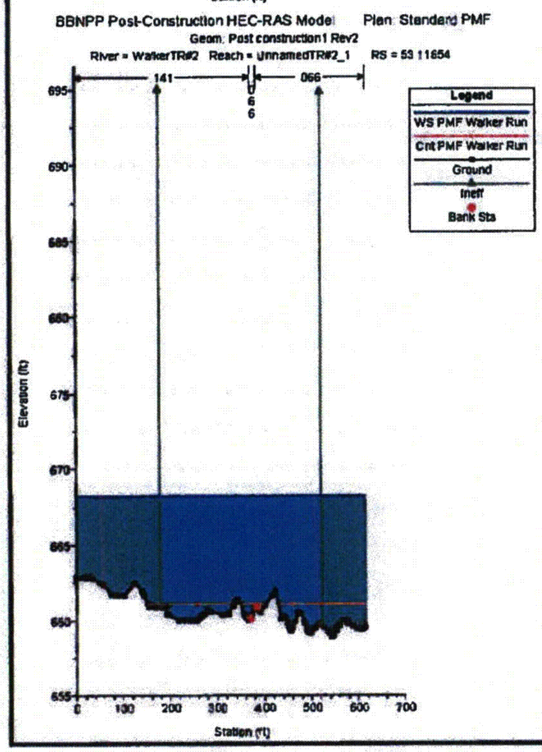
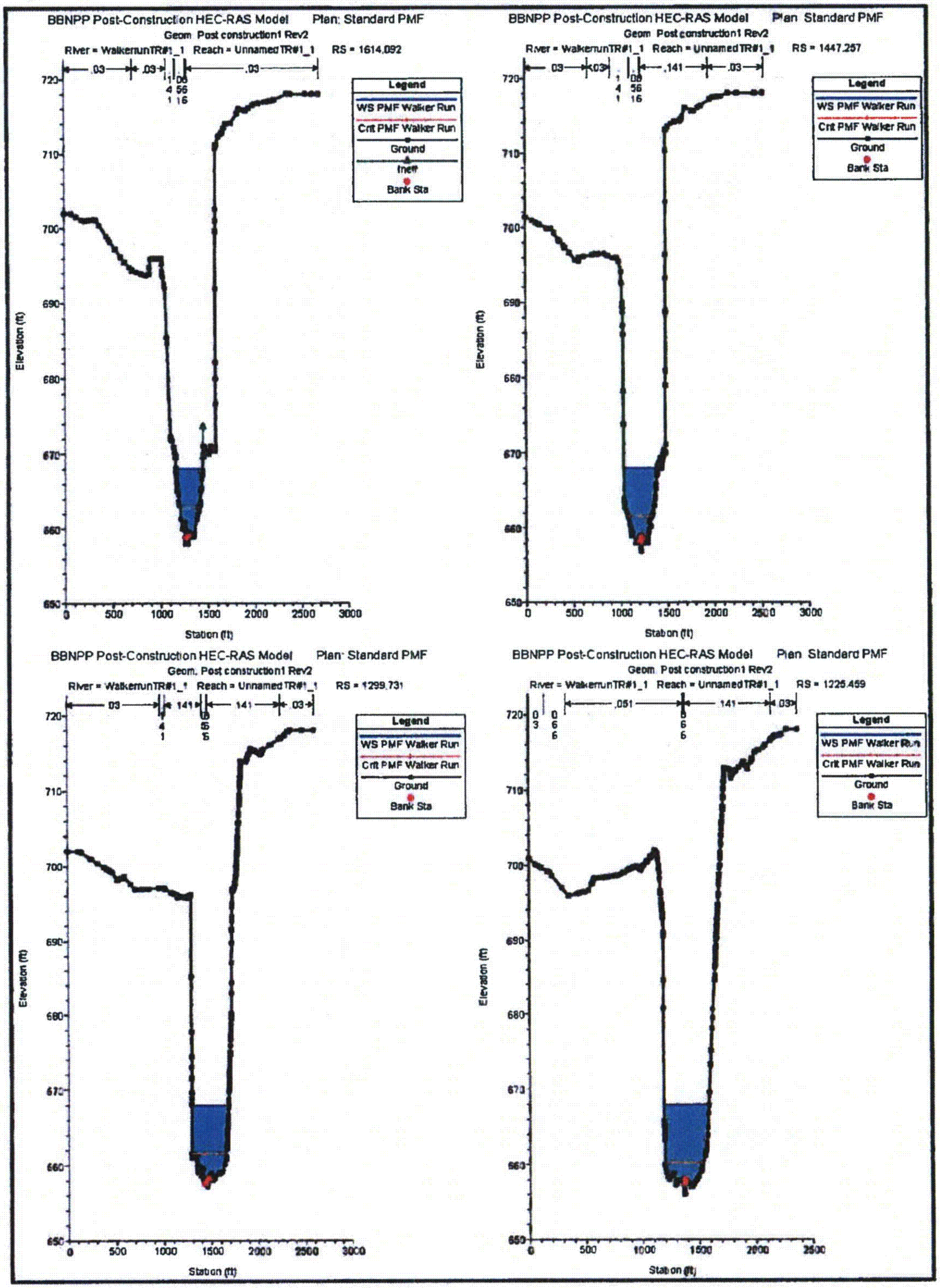


Figure A-7-3: Standard PMF WSE's at Unnamed Tributary # 1-1



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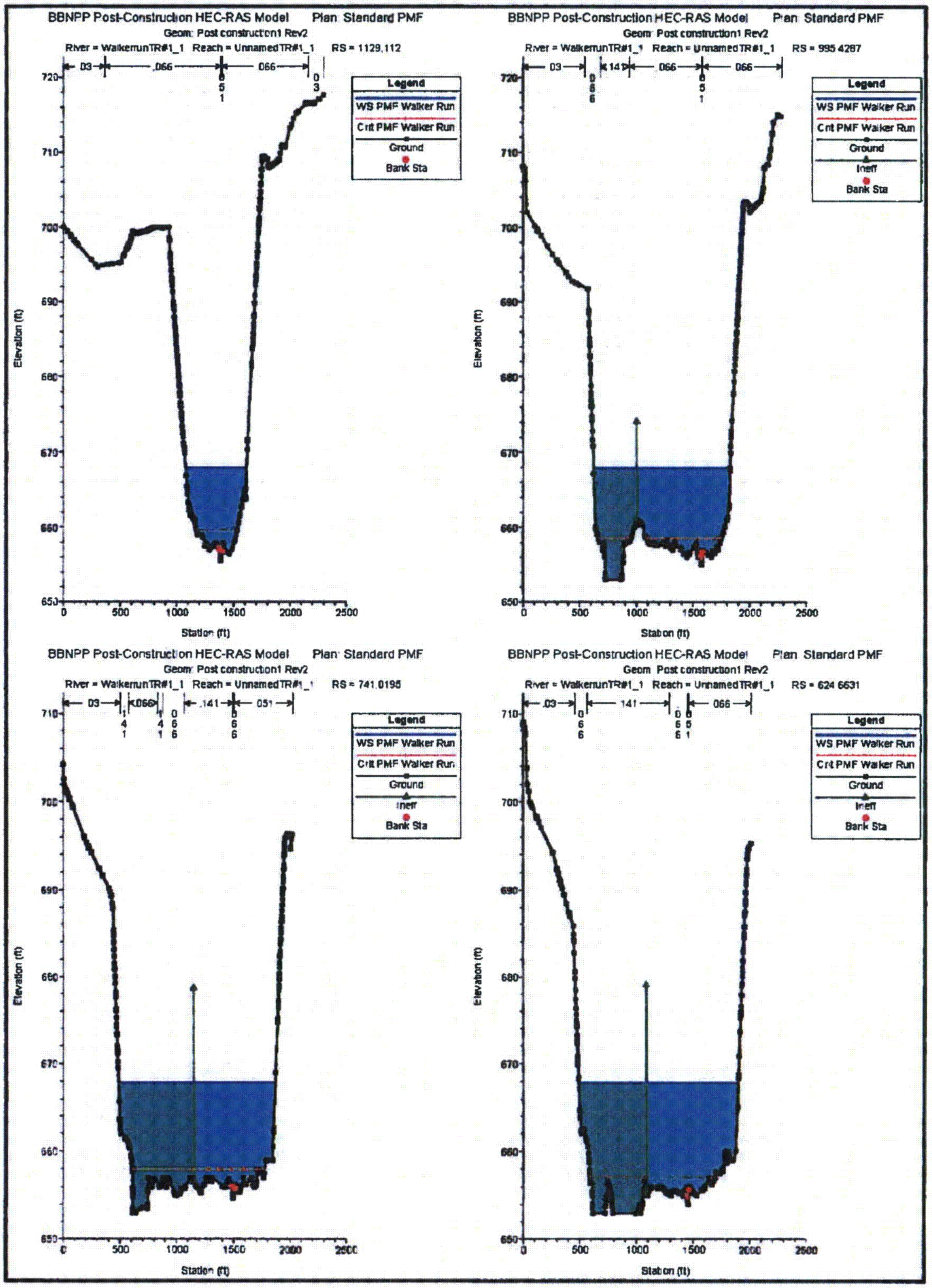

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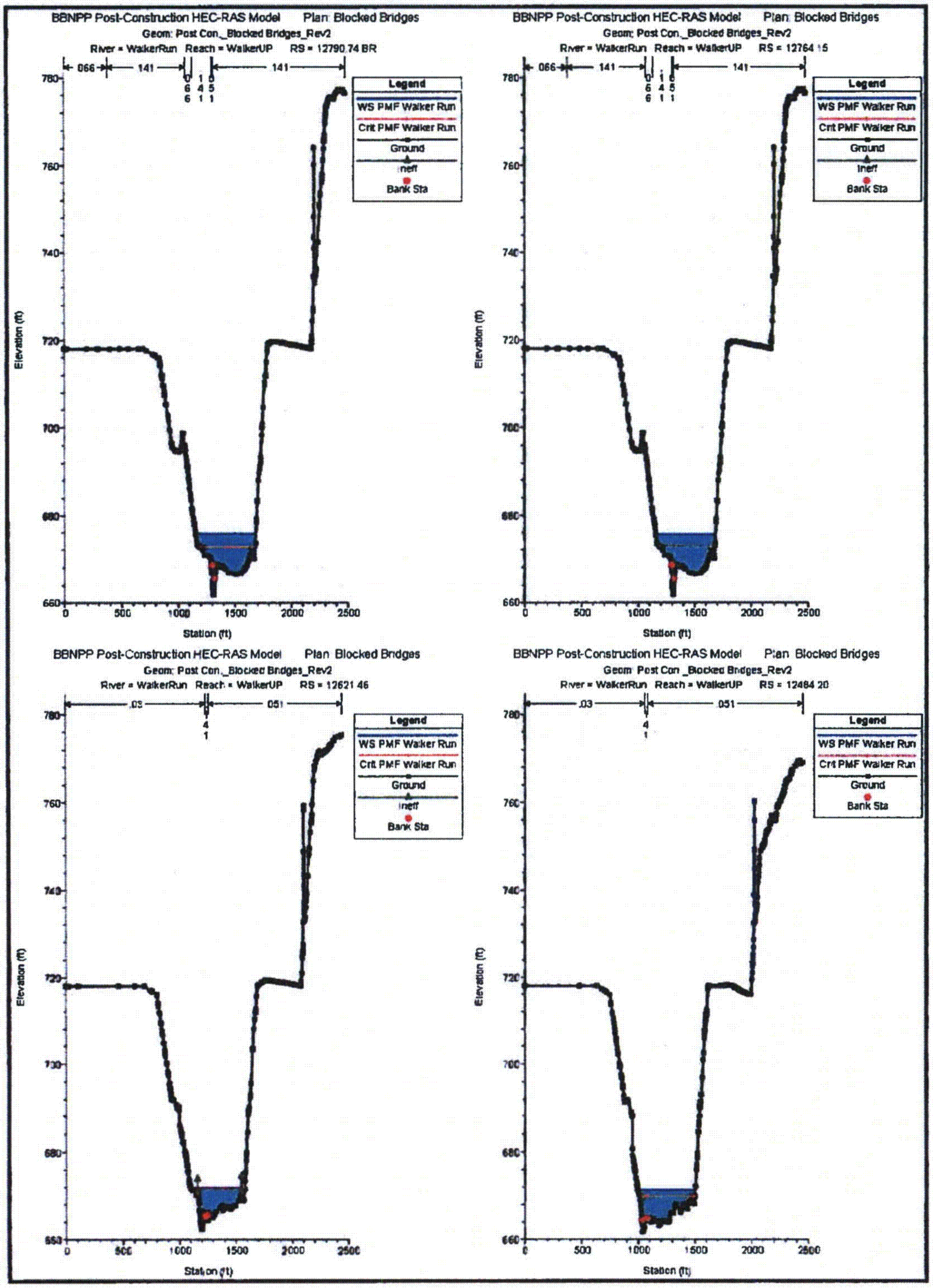
Figure A-7-4: Standard PMF With Blocked Bridges WSE's at Various River Stations near the Proposed BBNPP (between Bridge # 5 and Junction # 1)



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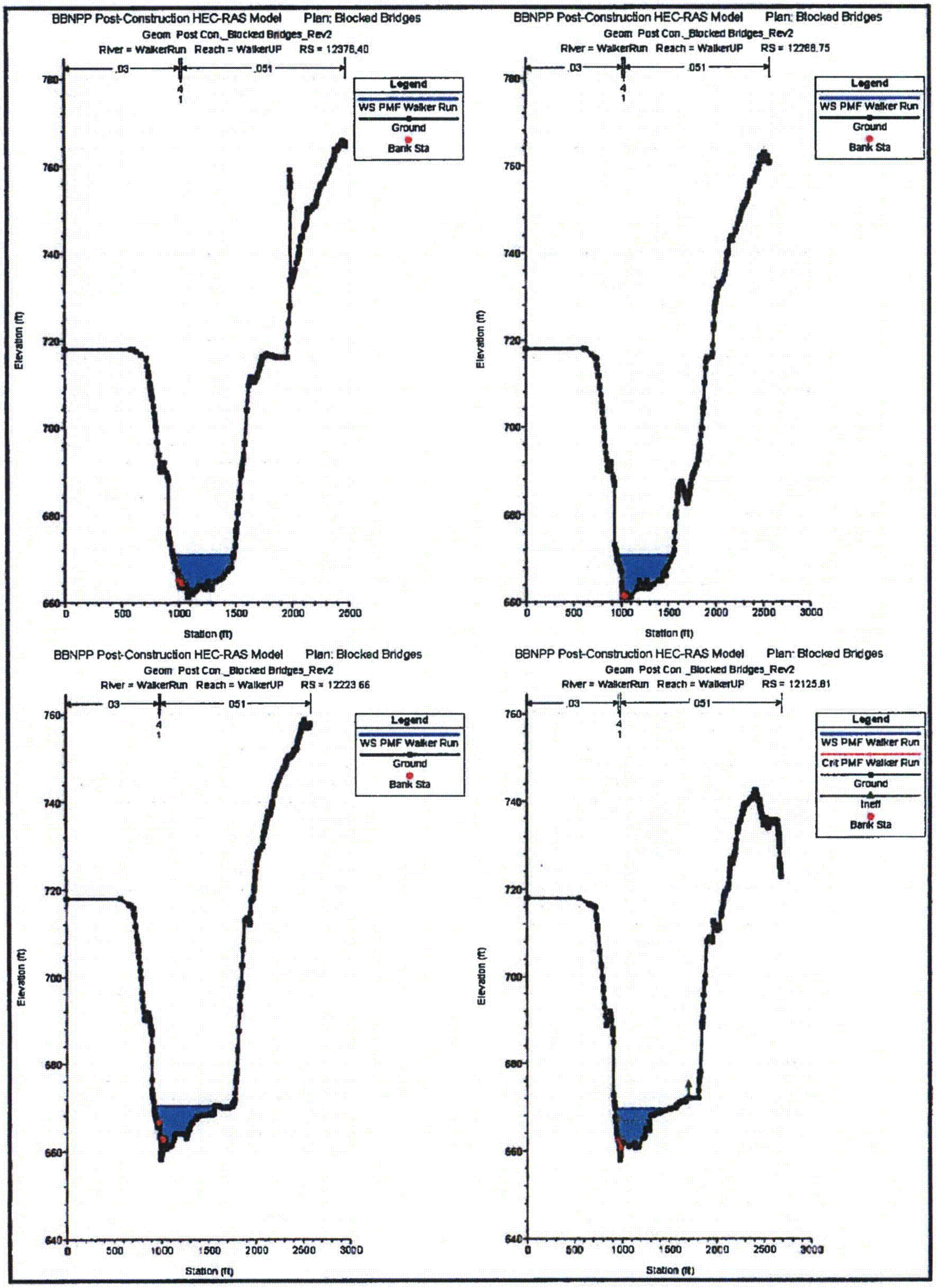

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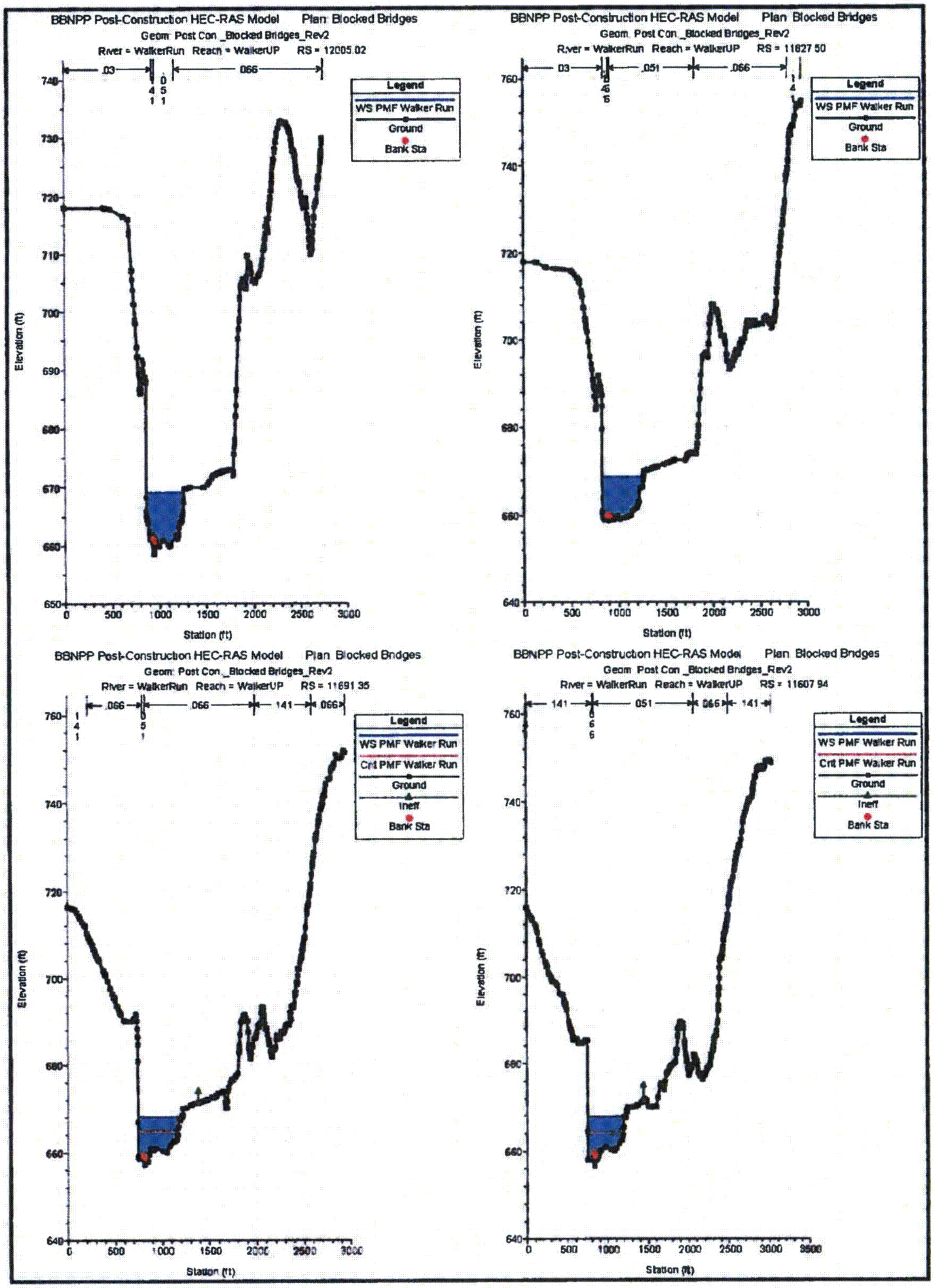

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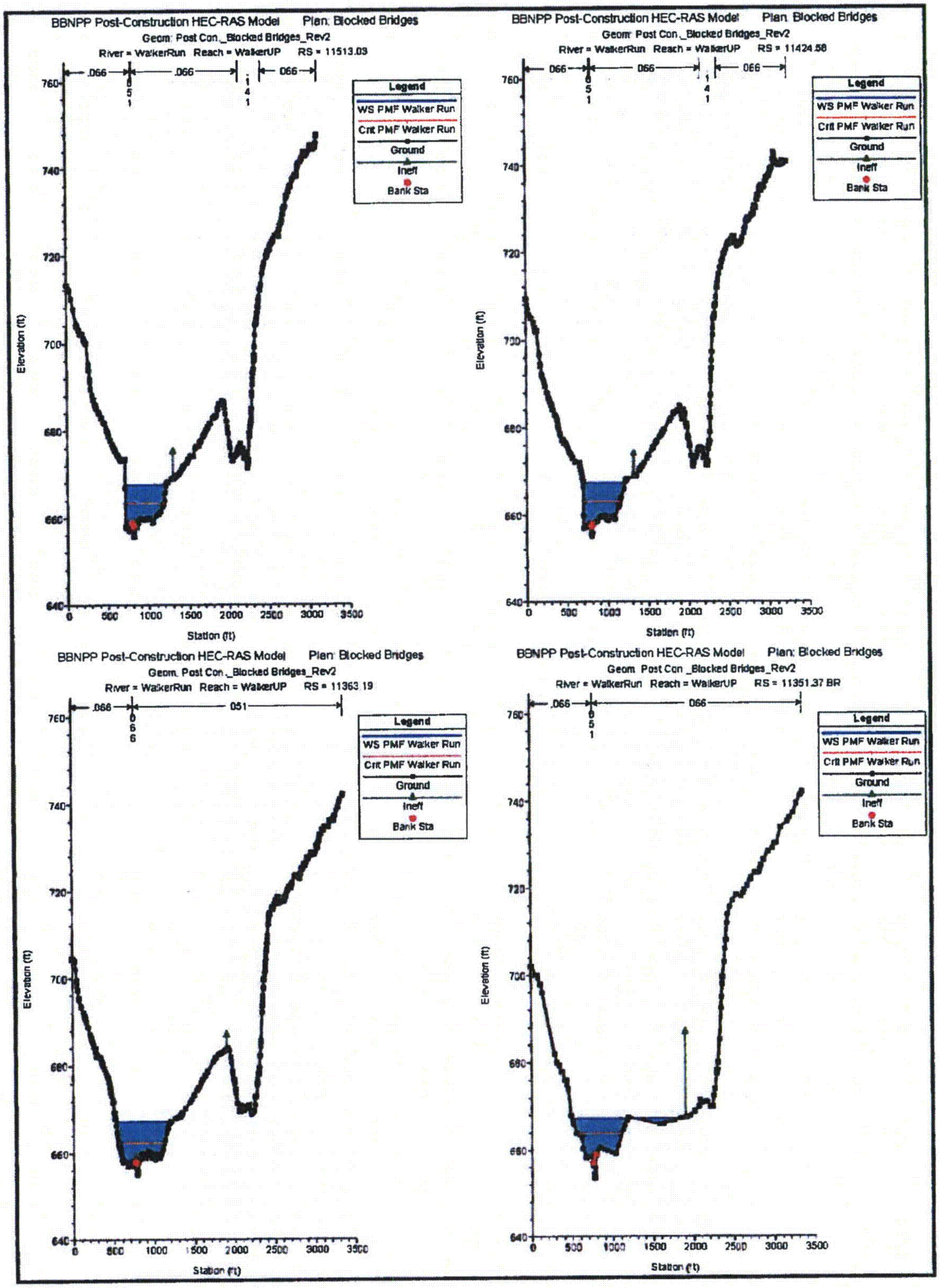

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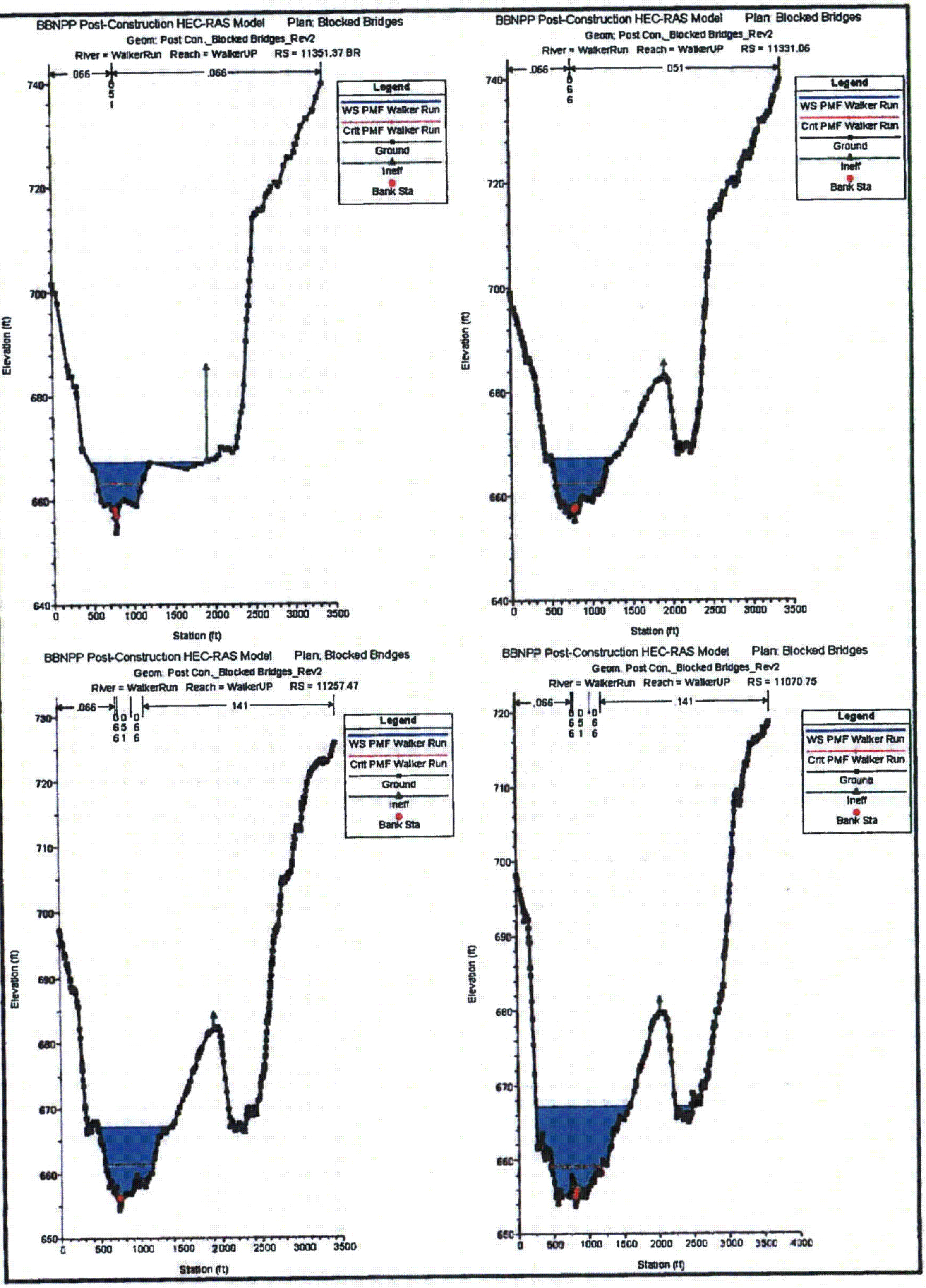

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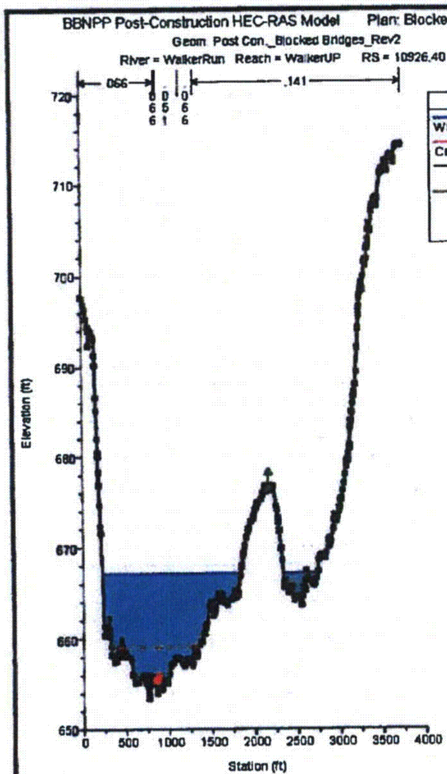

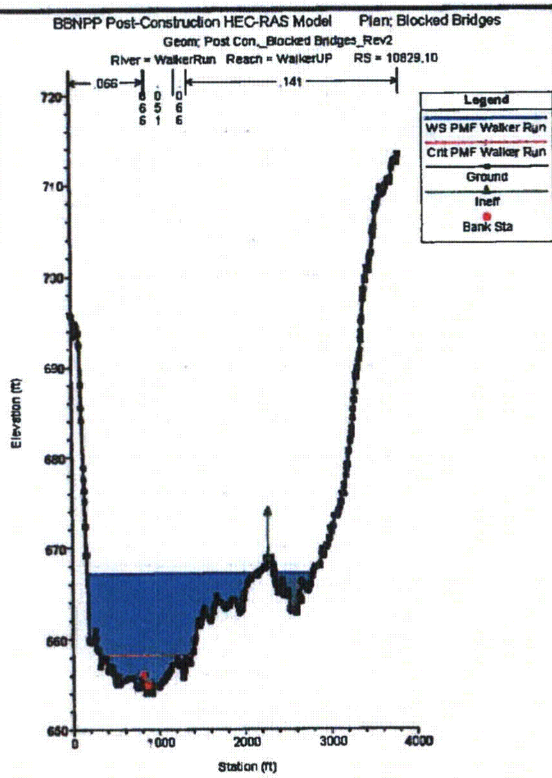

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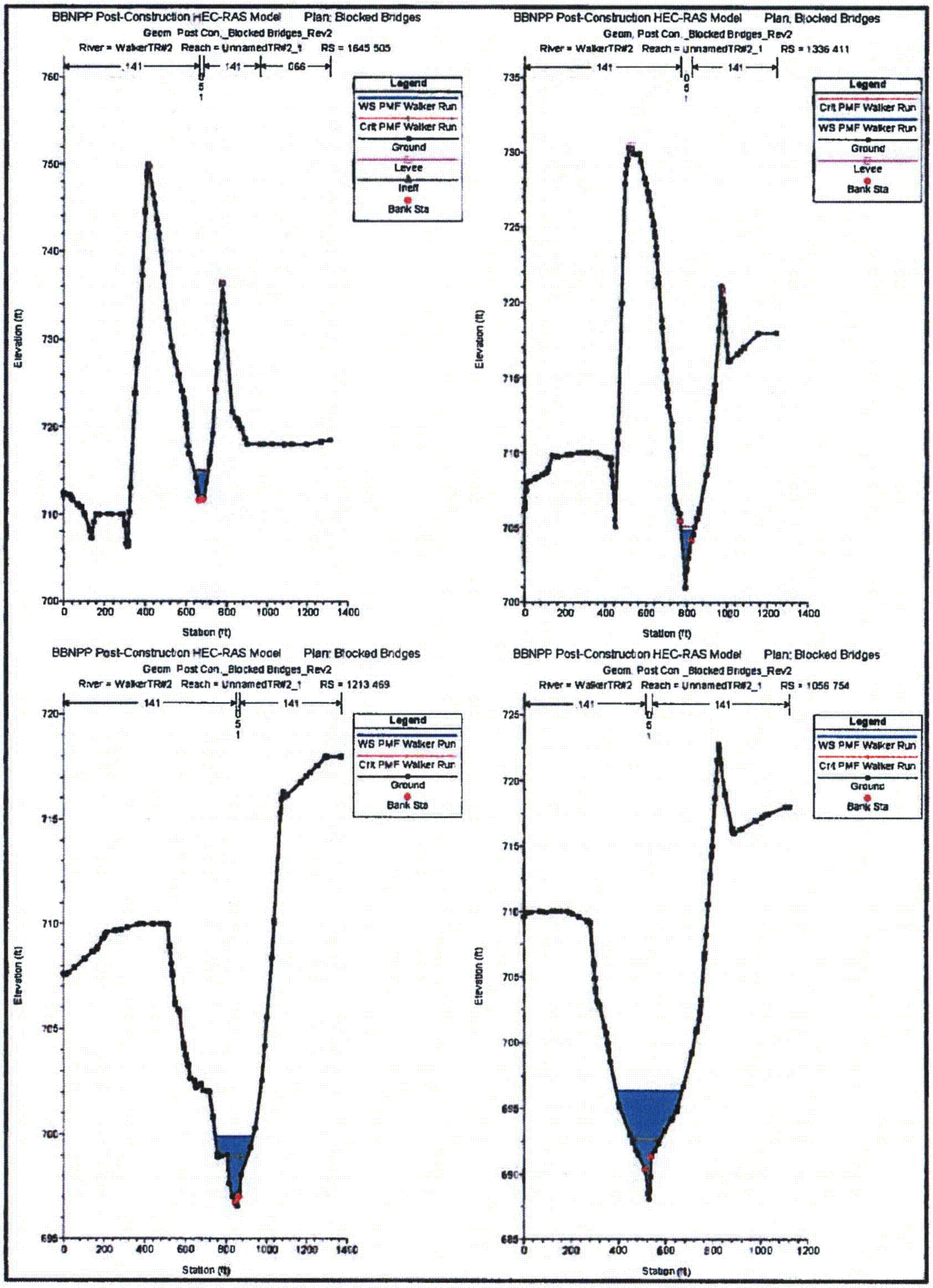
Figure A-7-5: Standard PMF With Blocked Bridges WSE's at Unnamed Tributary #2



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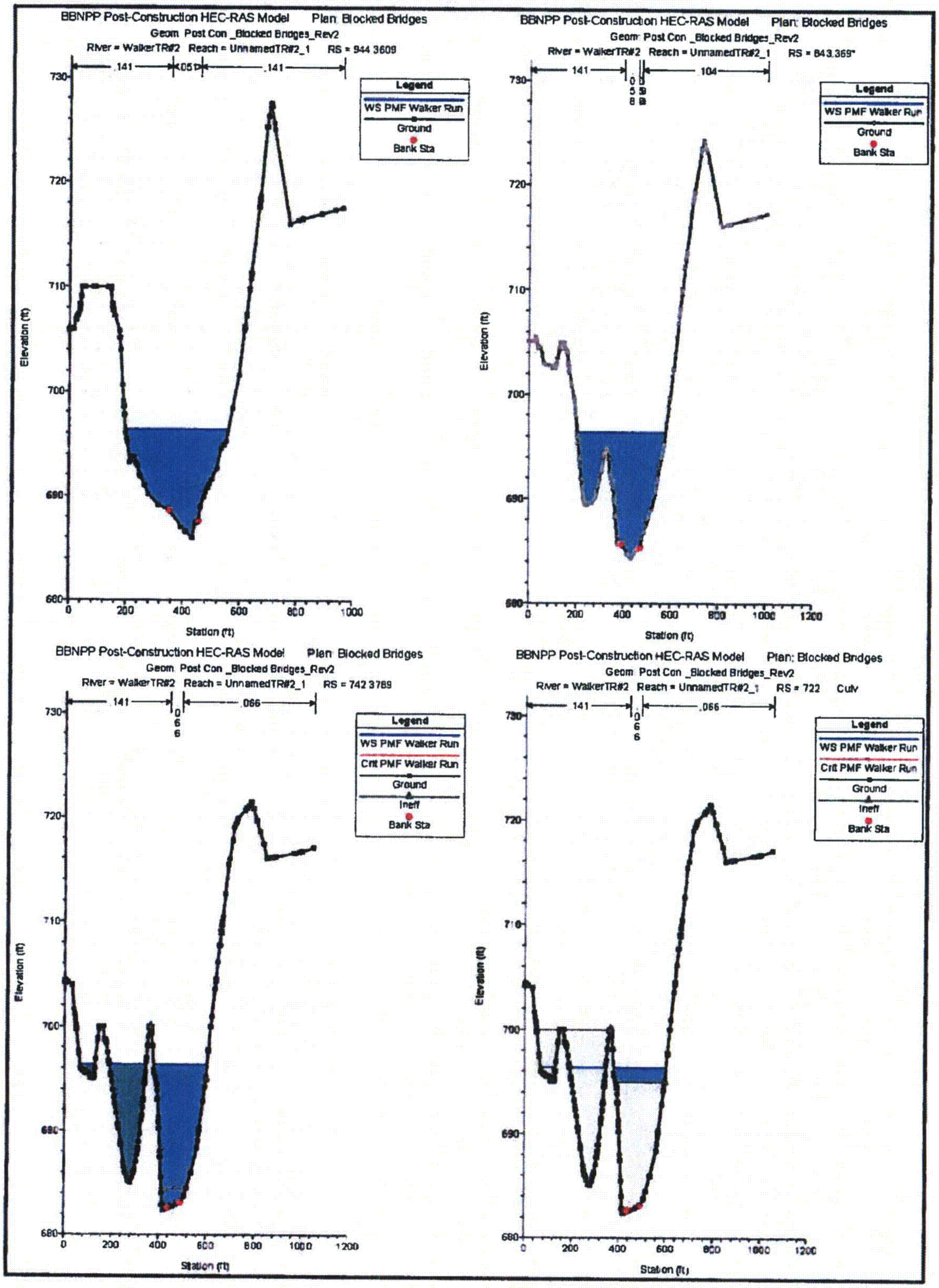

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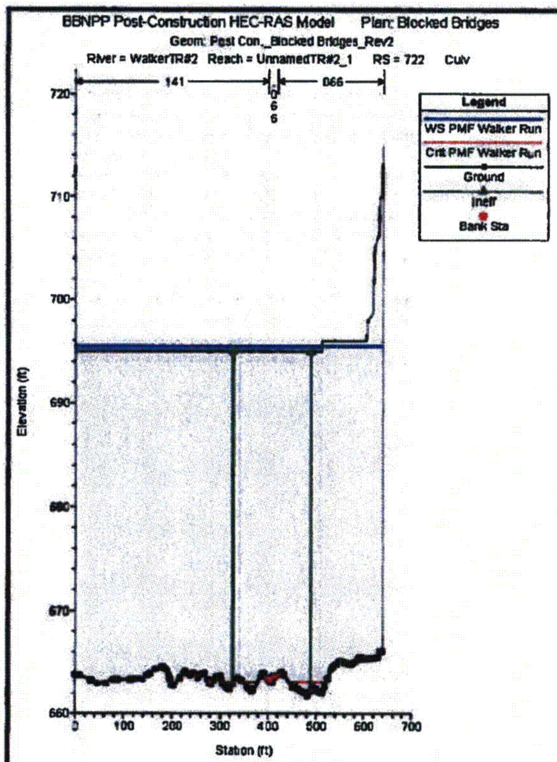

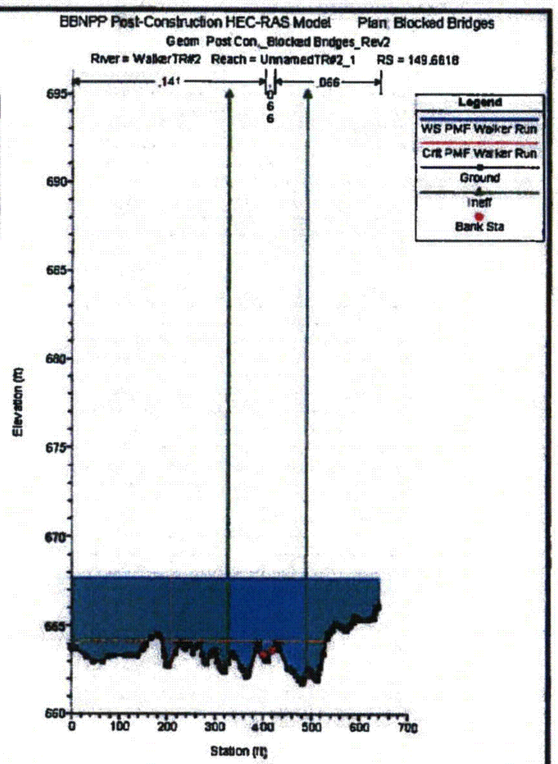

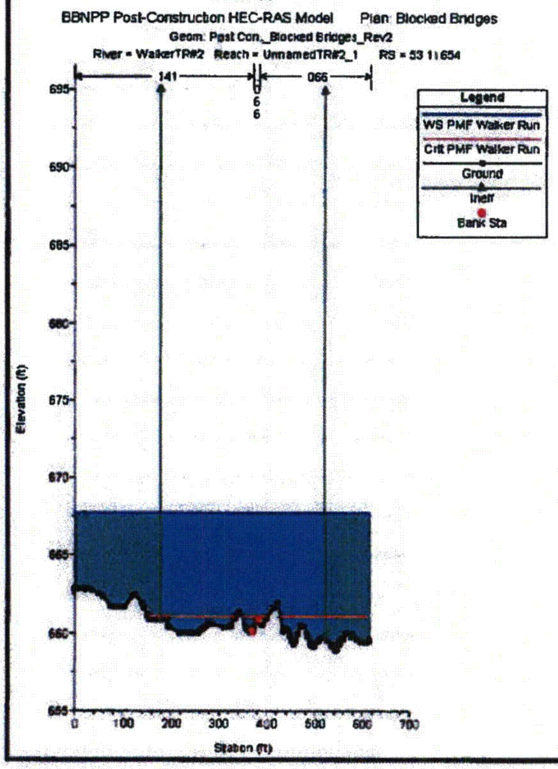

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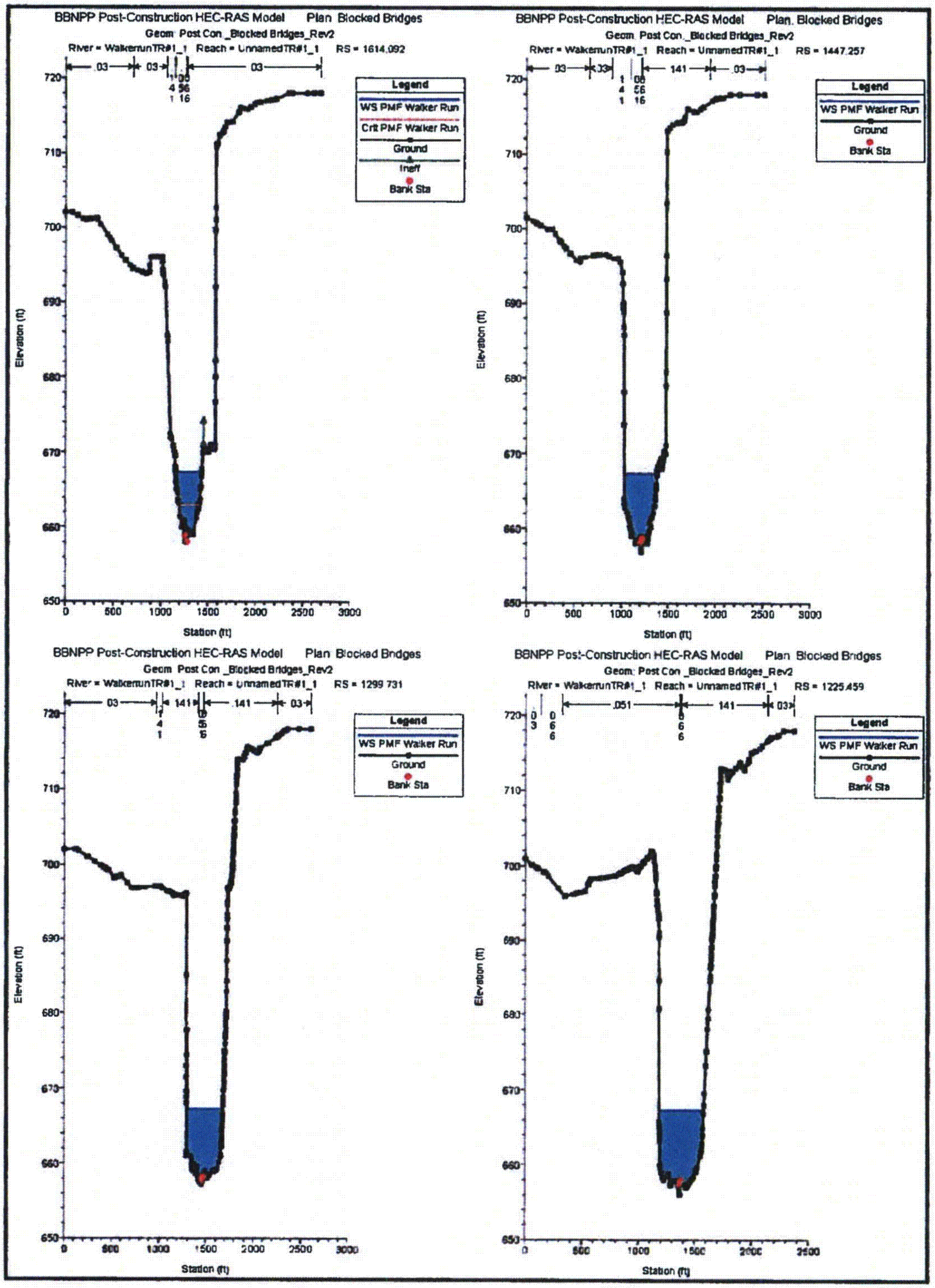
Figure A-7-6: Standard PMF With Blocked Bridges WSE's at Unnamed Tributary #1-1



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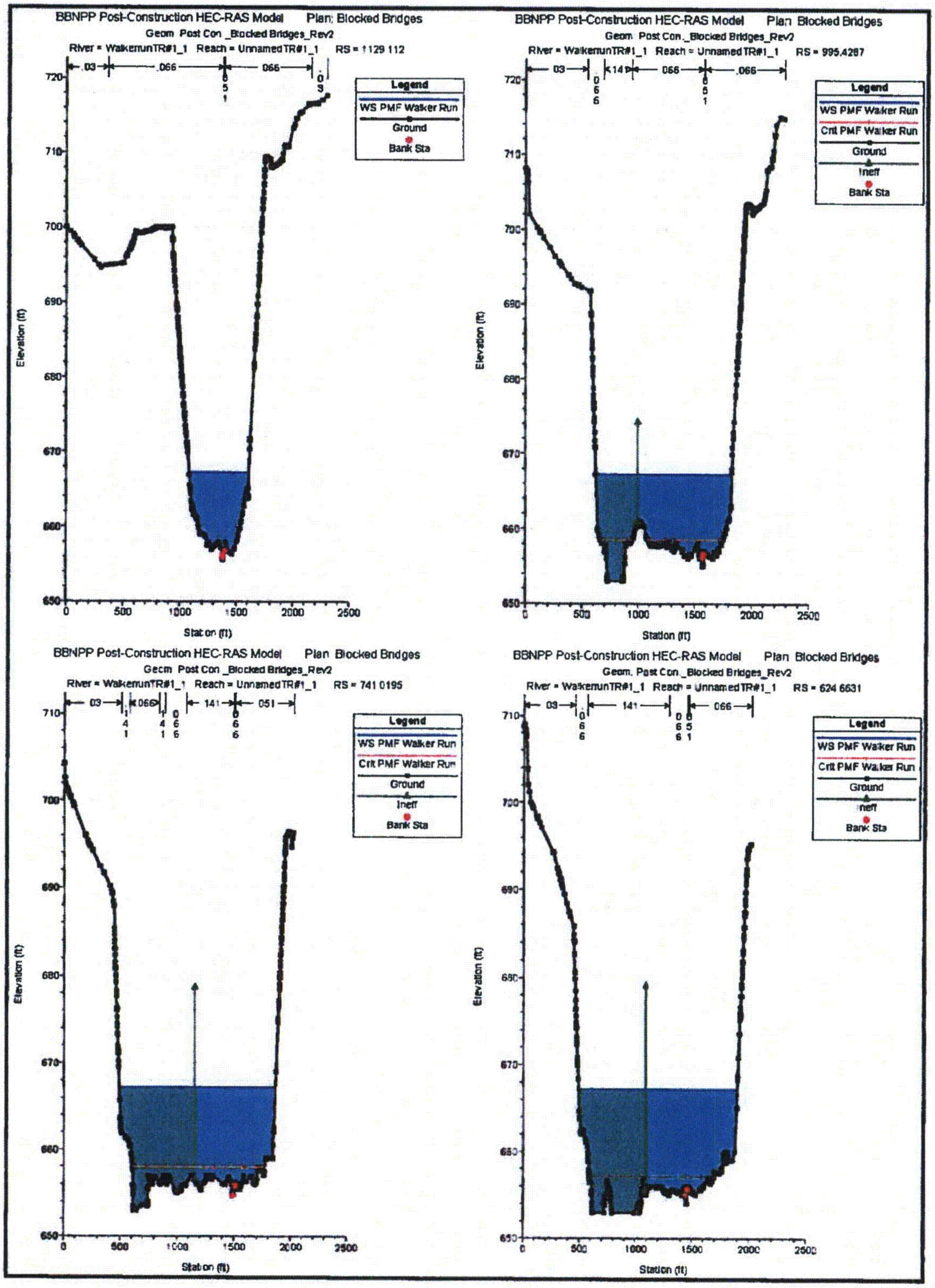
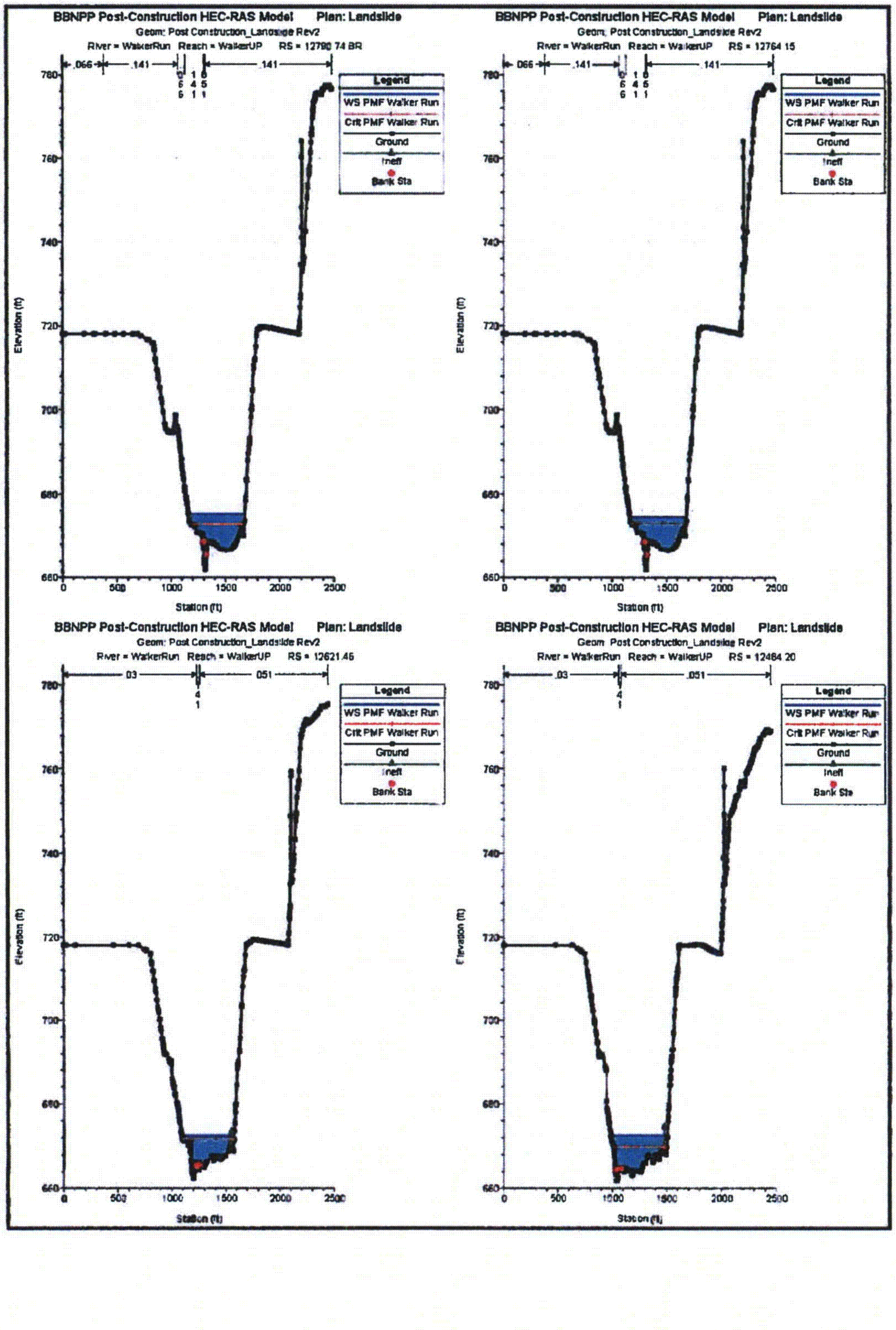


Figure A-7-7: Standard PMF With Landslide WSE's at Various River Stations near the Proposed BBNPP (between Bridge # 5 and Junction # 1)



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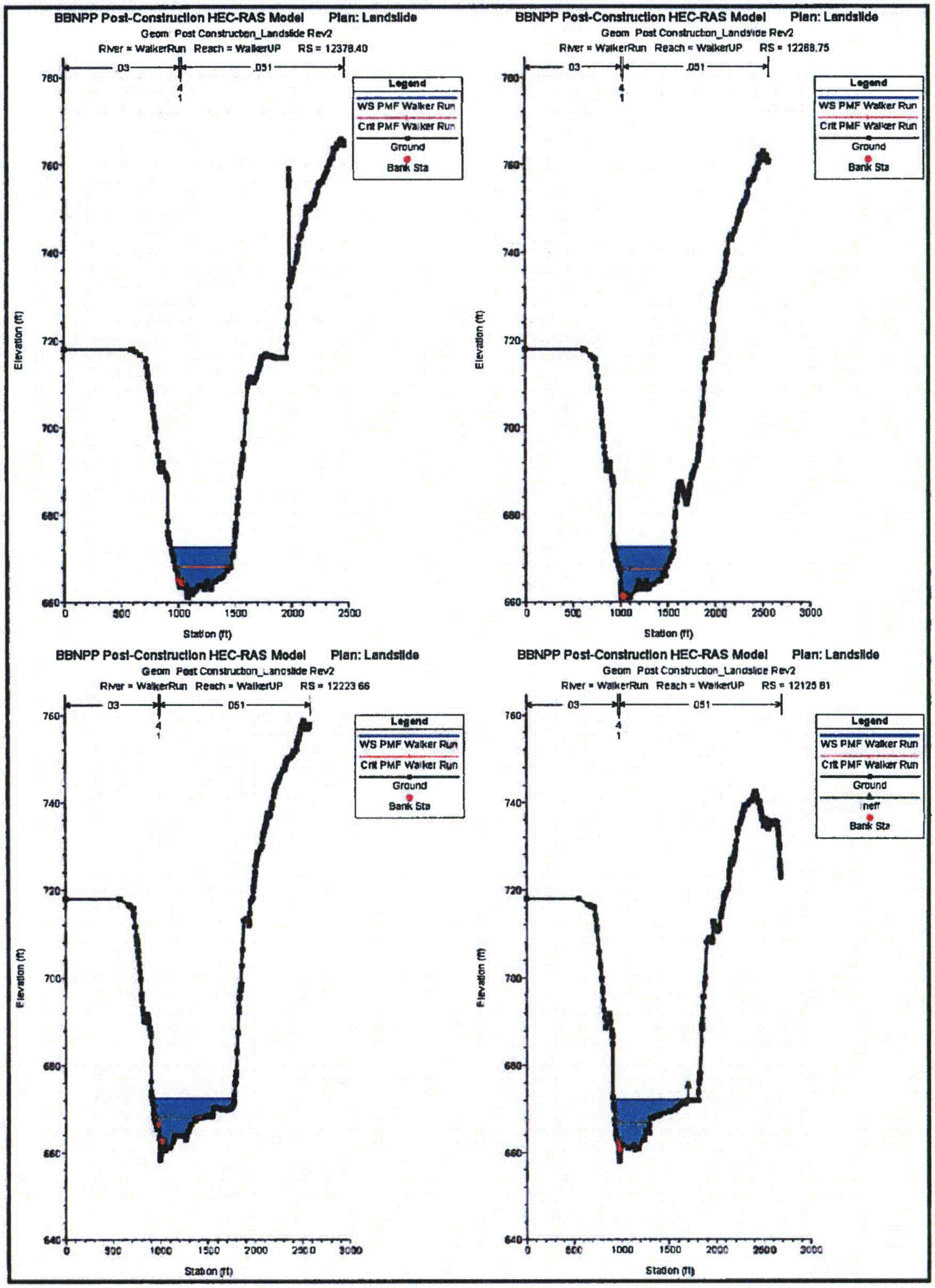

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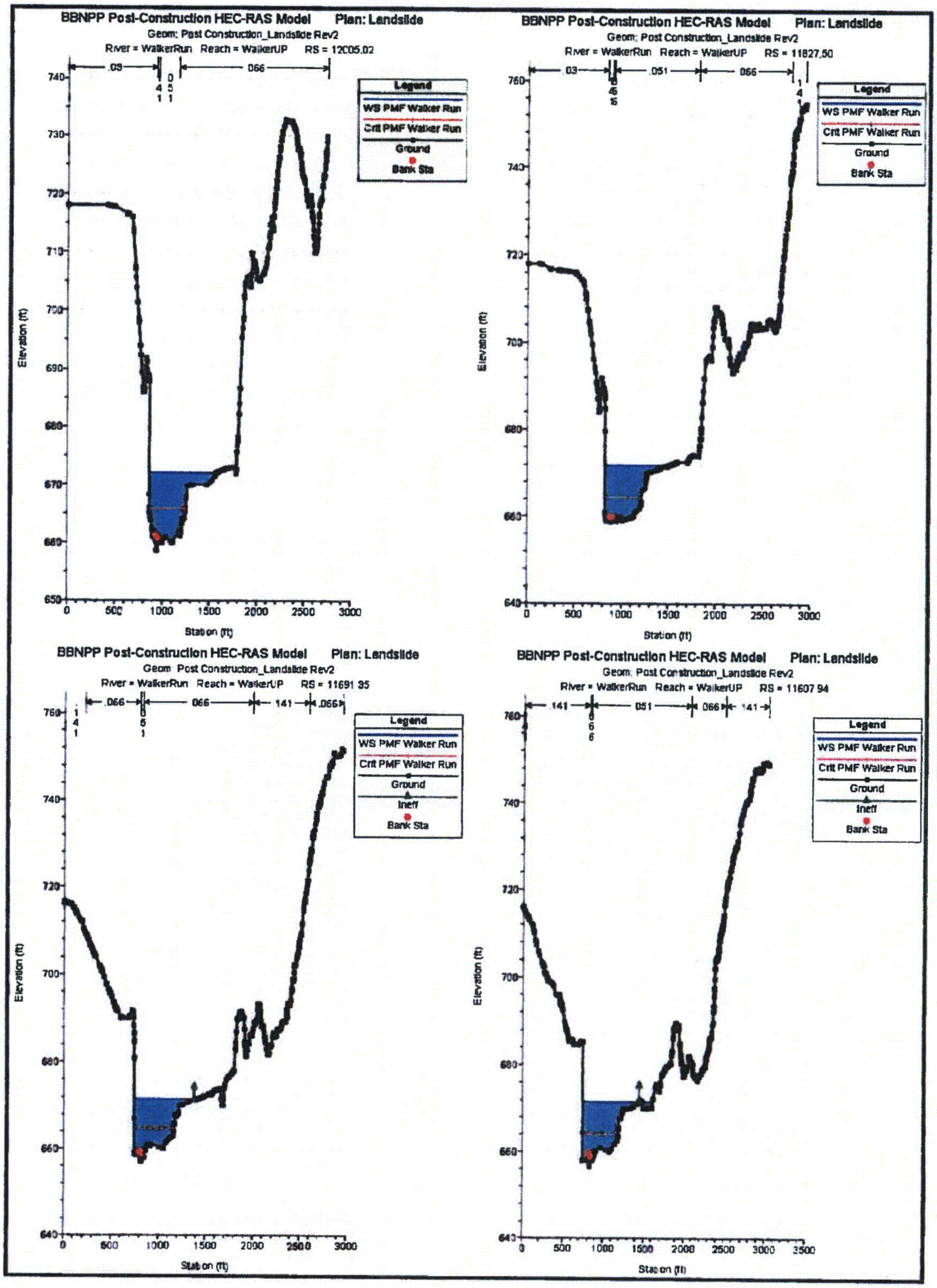

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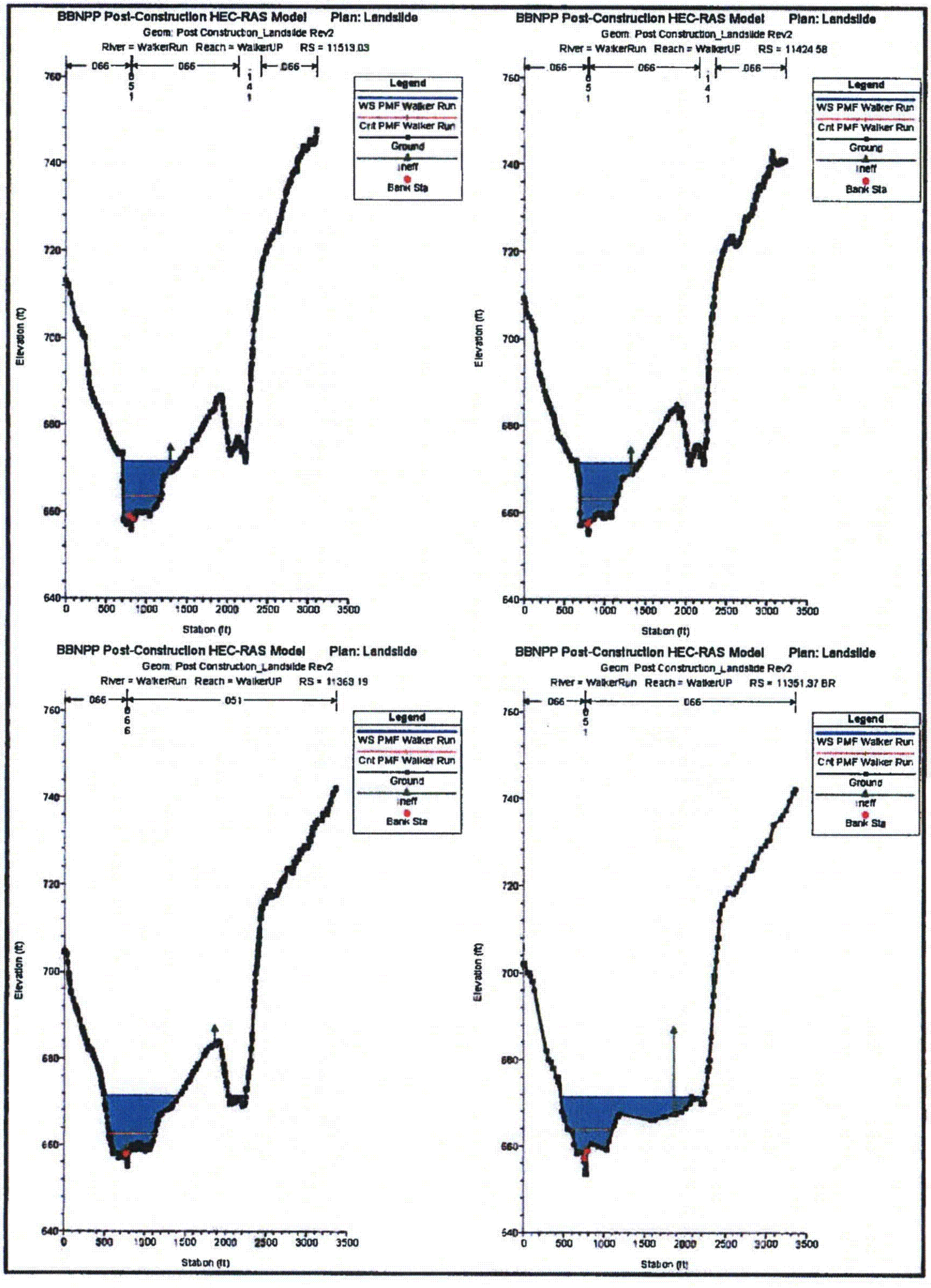

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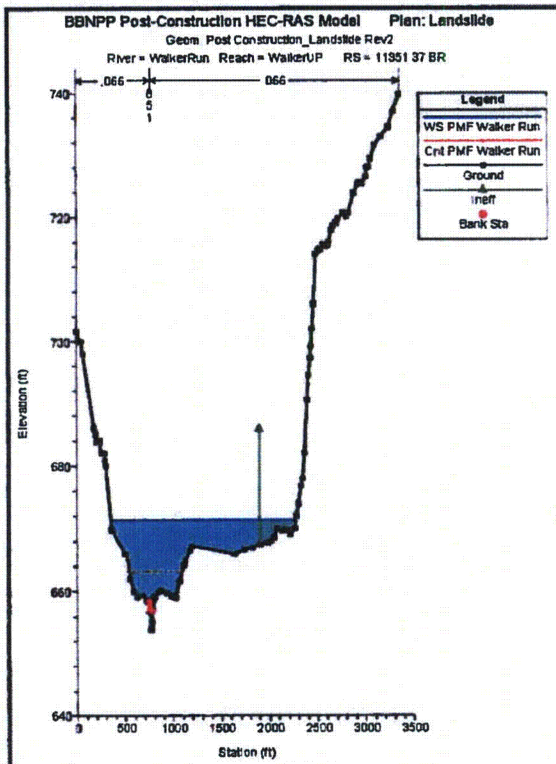

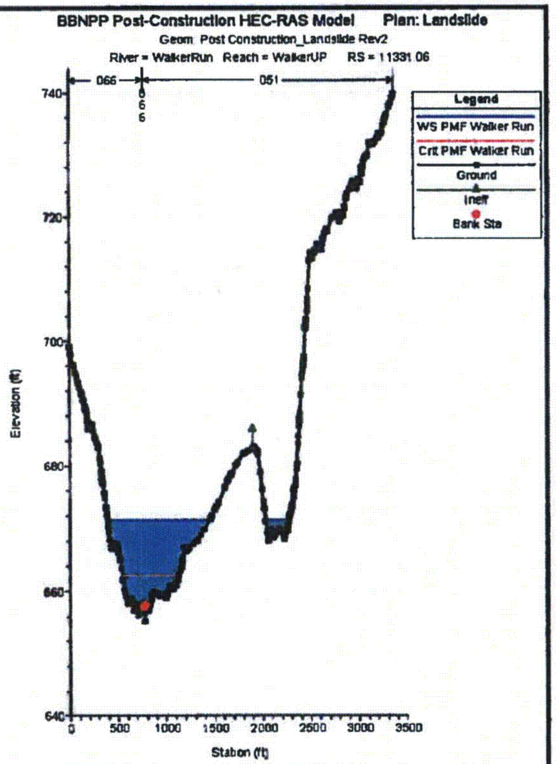

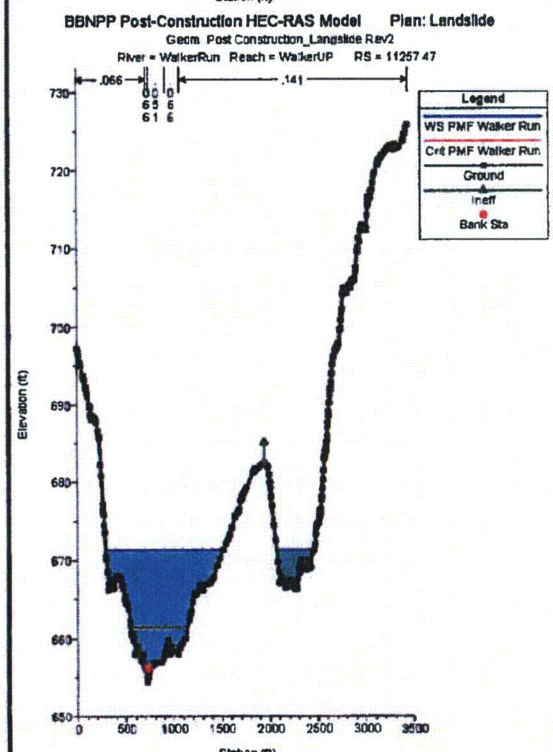

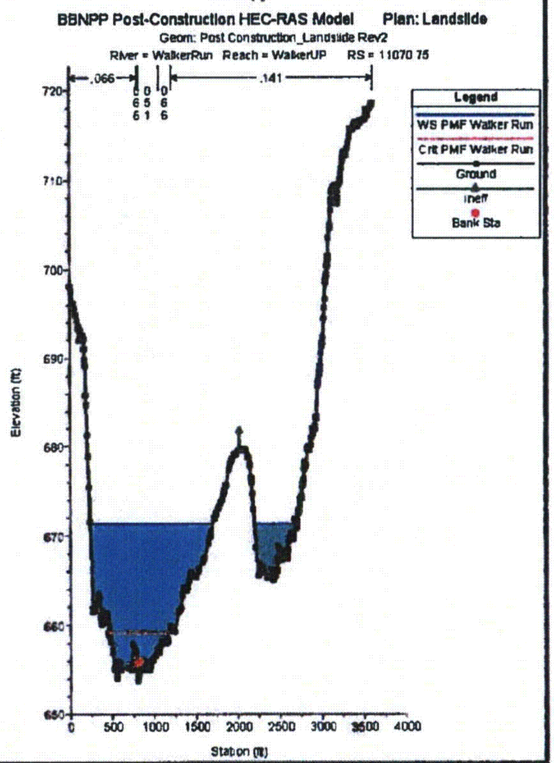

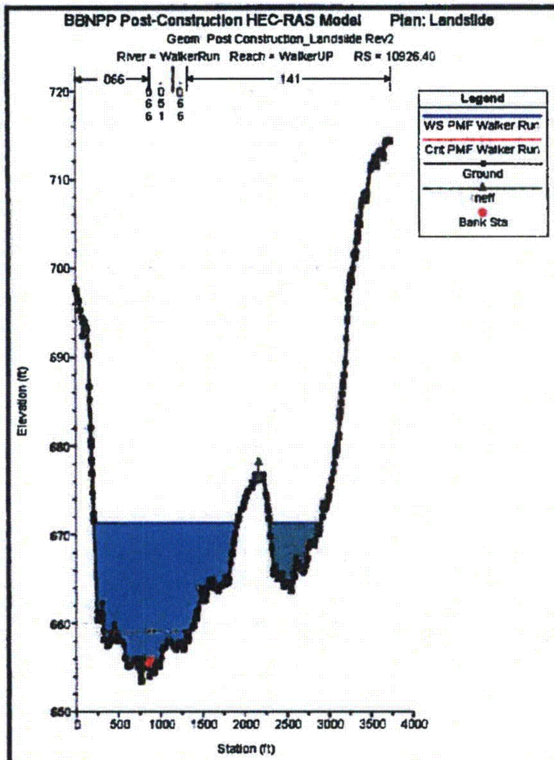
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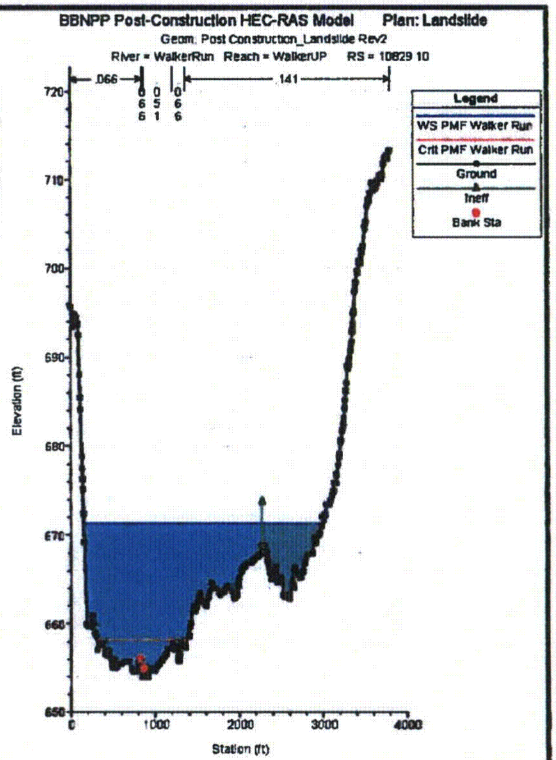
Geom: Post Construction_Landslide Rev2
River = WalkerRun Reach = WalkerUP RS = 10926.40
.066
.141
Legend
WS PMF Walker Run
Crit PMF Walker Run
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)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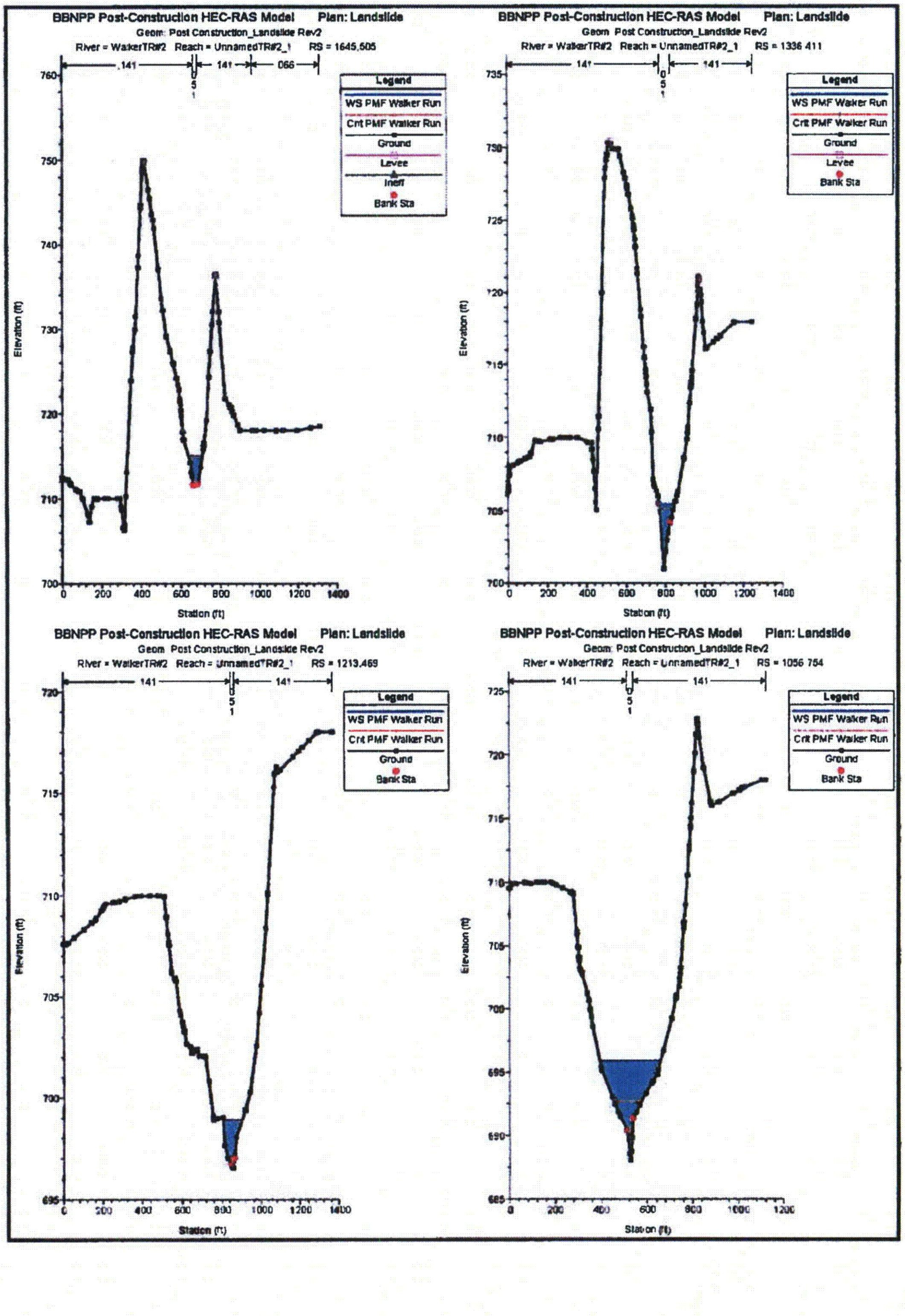
Geom: Post Construction_Landslide Rev2
River = WalkerRun Reach = WalkerUP RS = 10829.10
.066
.141
Legend
WS PMF Walker Run
Crit PMF Walker Run
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)

Figure A-7-8: Standard PMF With Landslide WSE's at Unnamed Tributary # 2



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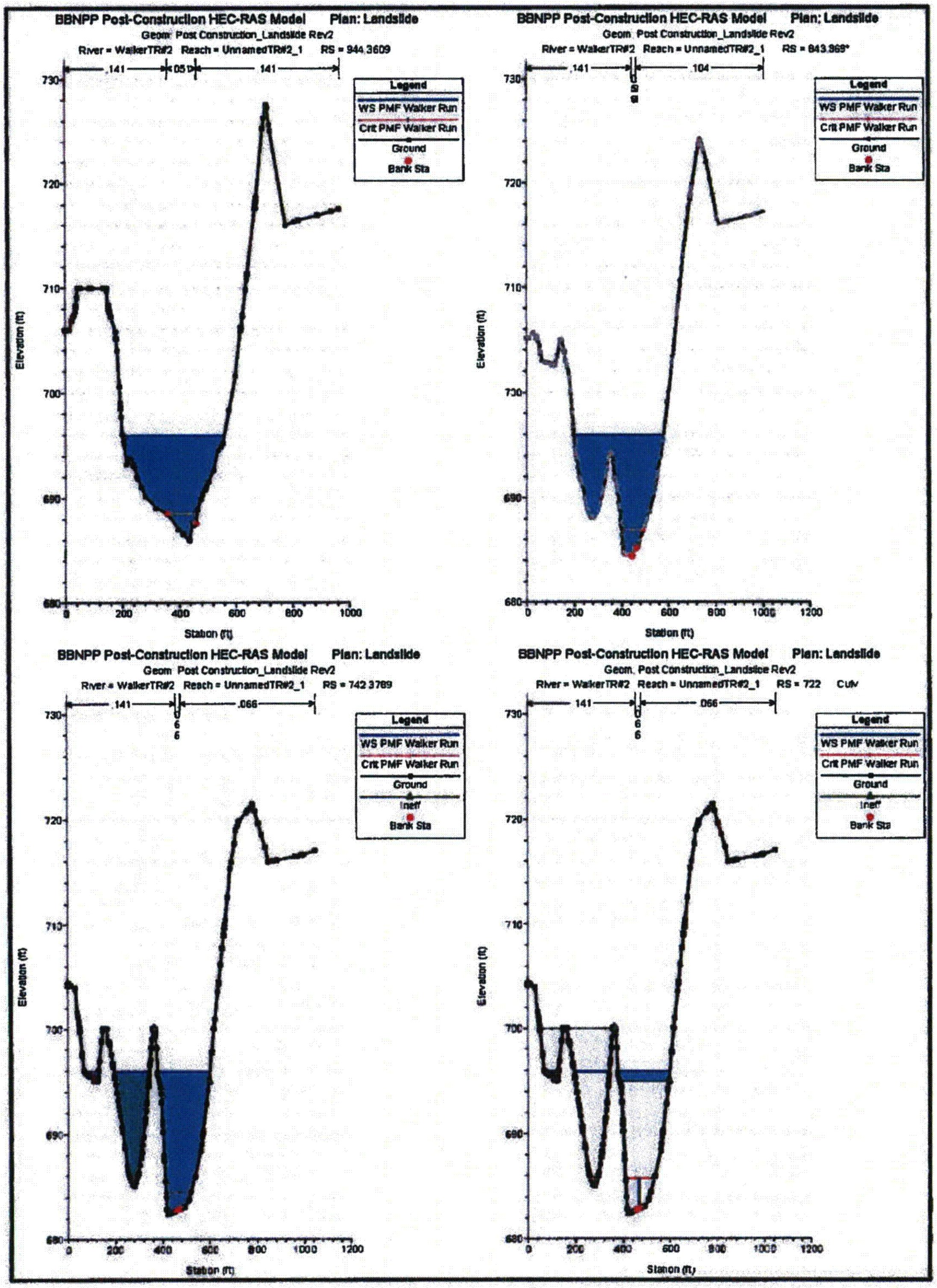

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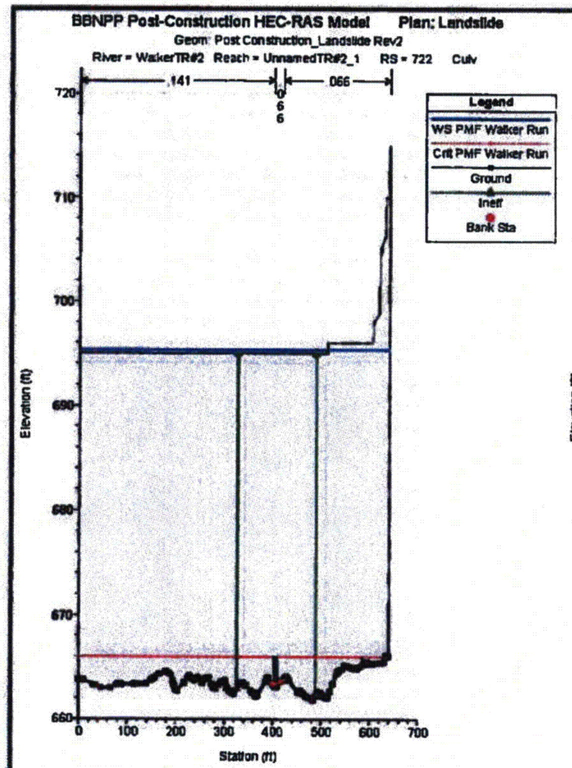
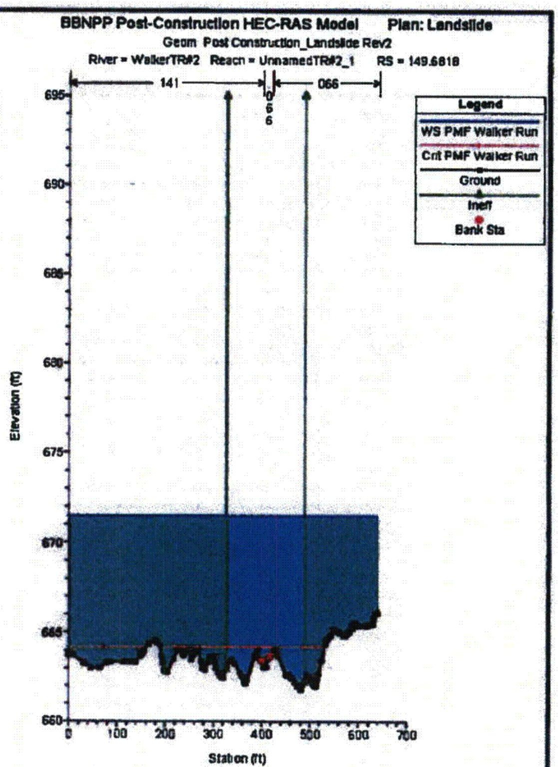




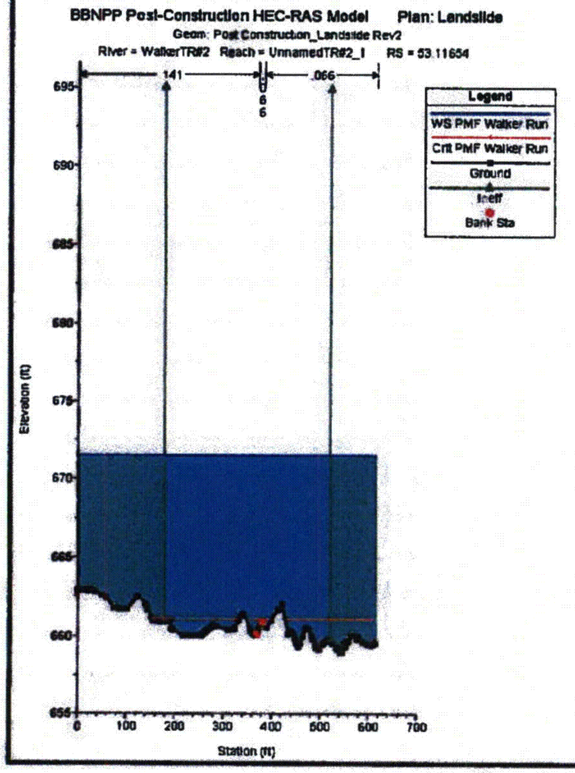
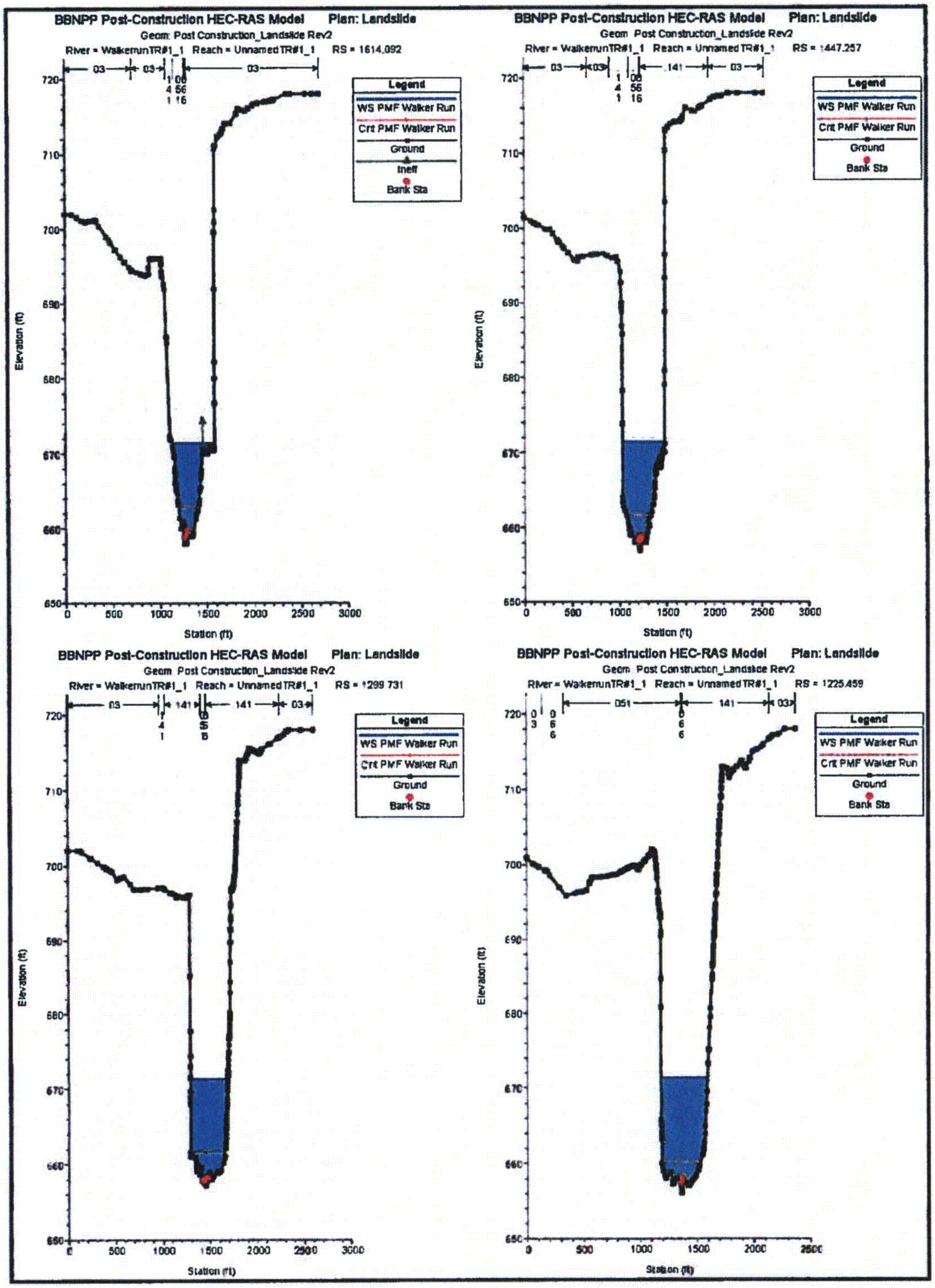


Figure A-7-9: Standard PMF With Landslide WSE's at Unnamed Tributary #1-1



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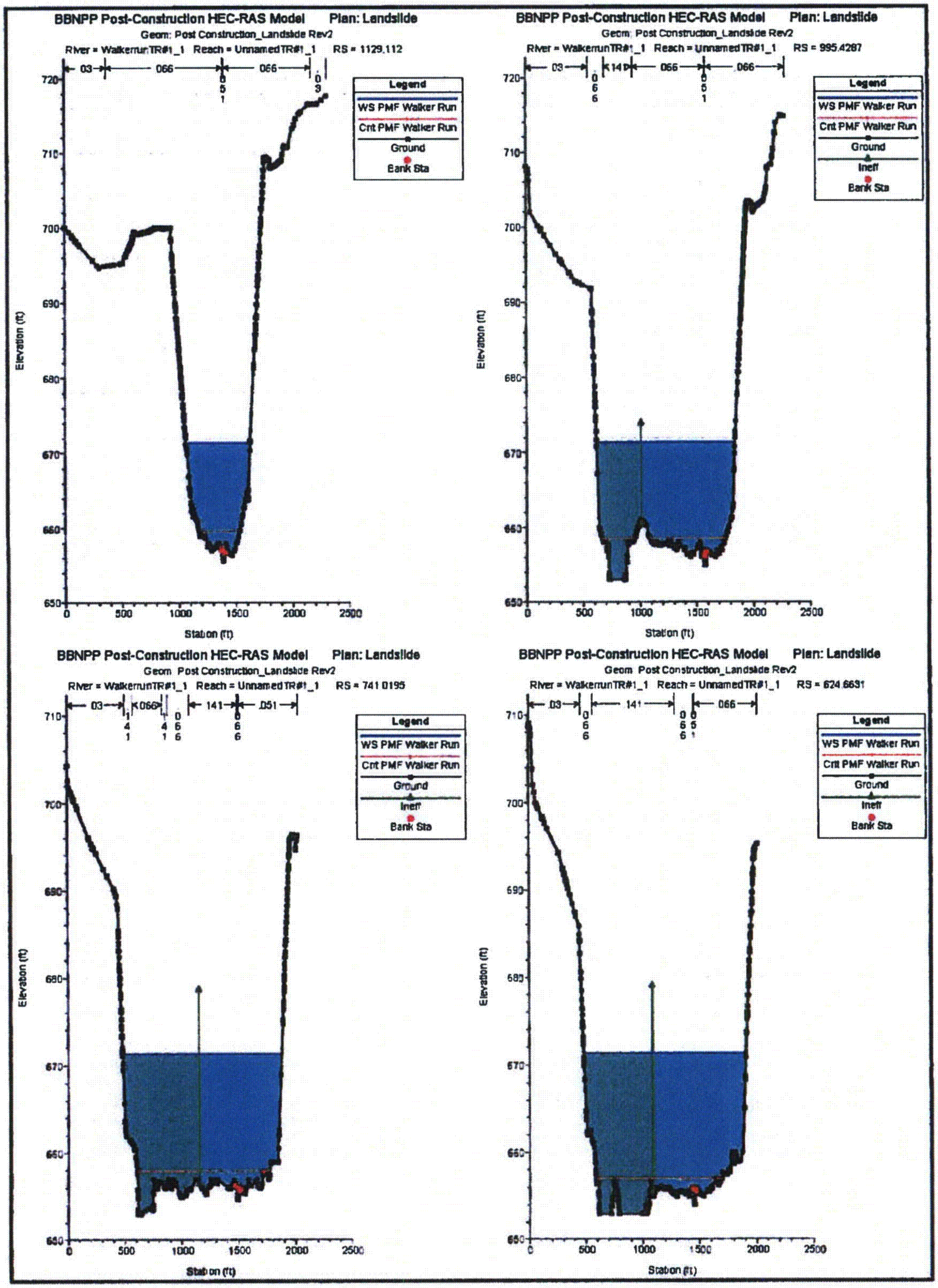

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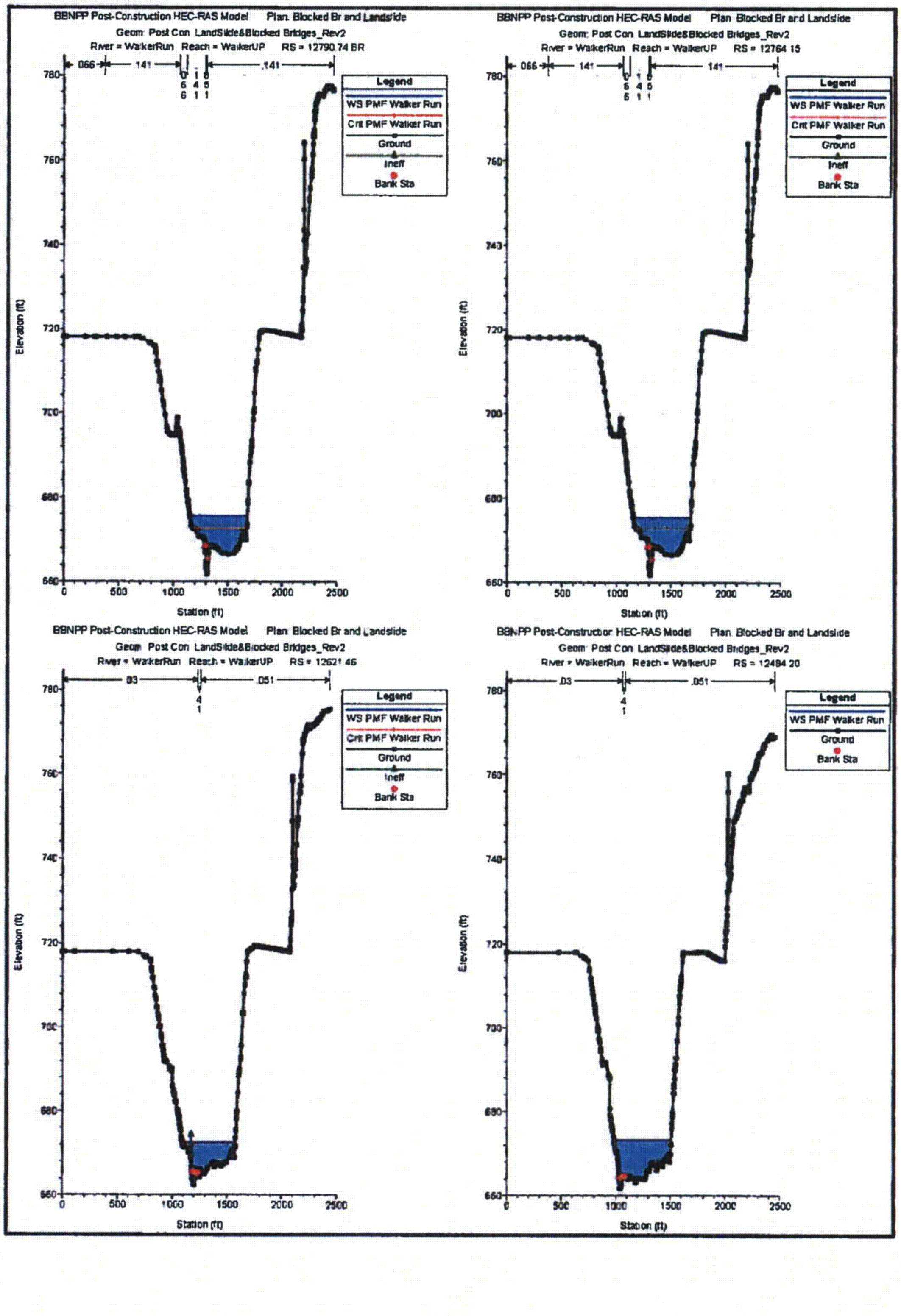
Figure A-7-10: Standard PMF With Landslide and Blocked Bridges WSE's at Various River Stations near the Proposed BBNPP (between Bridge # 5 and Junction # 1)



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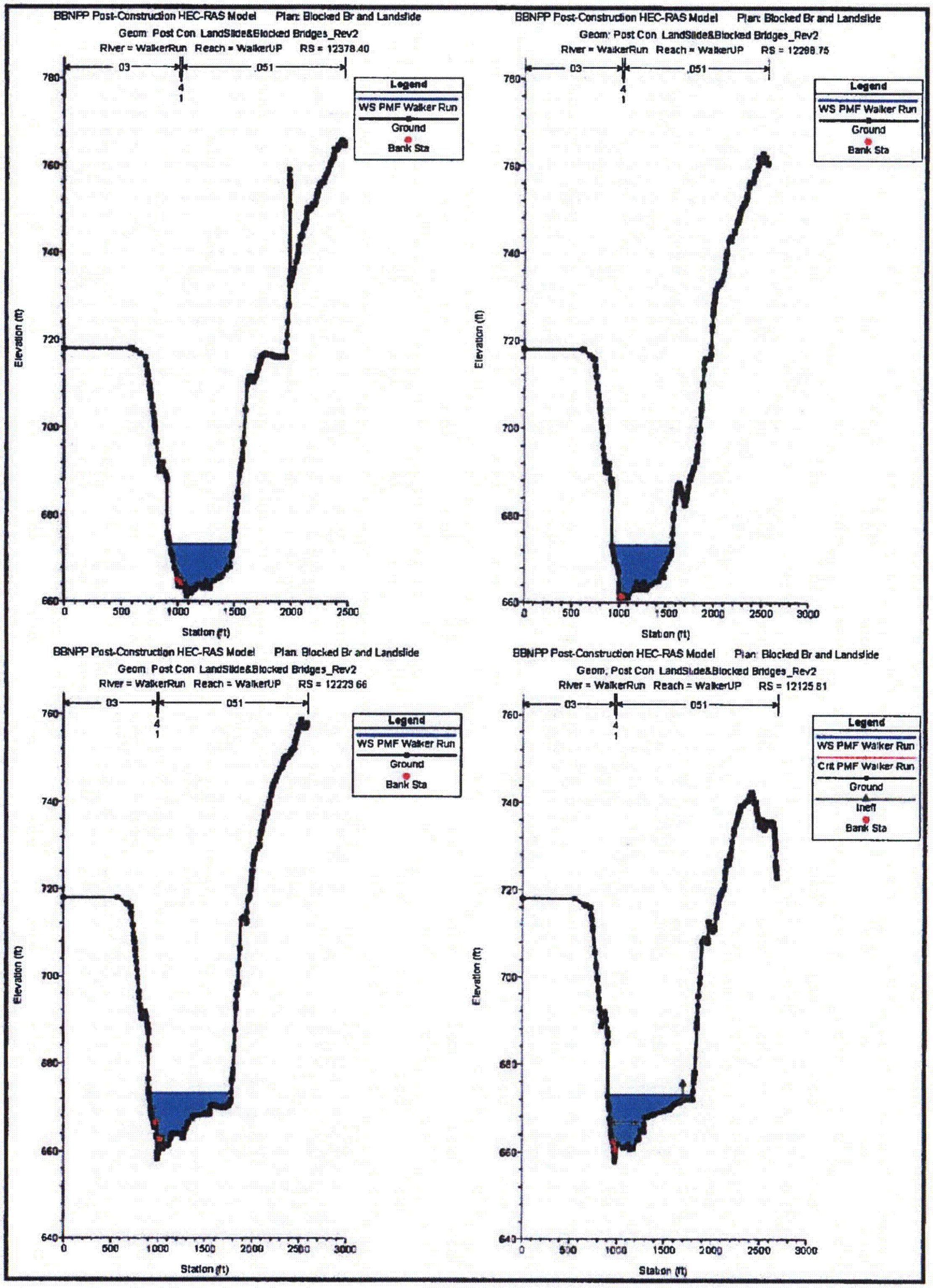

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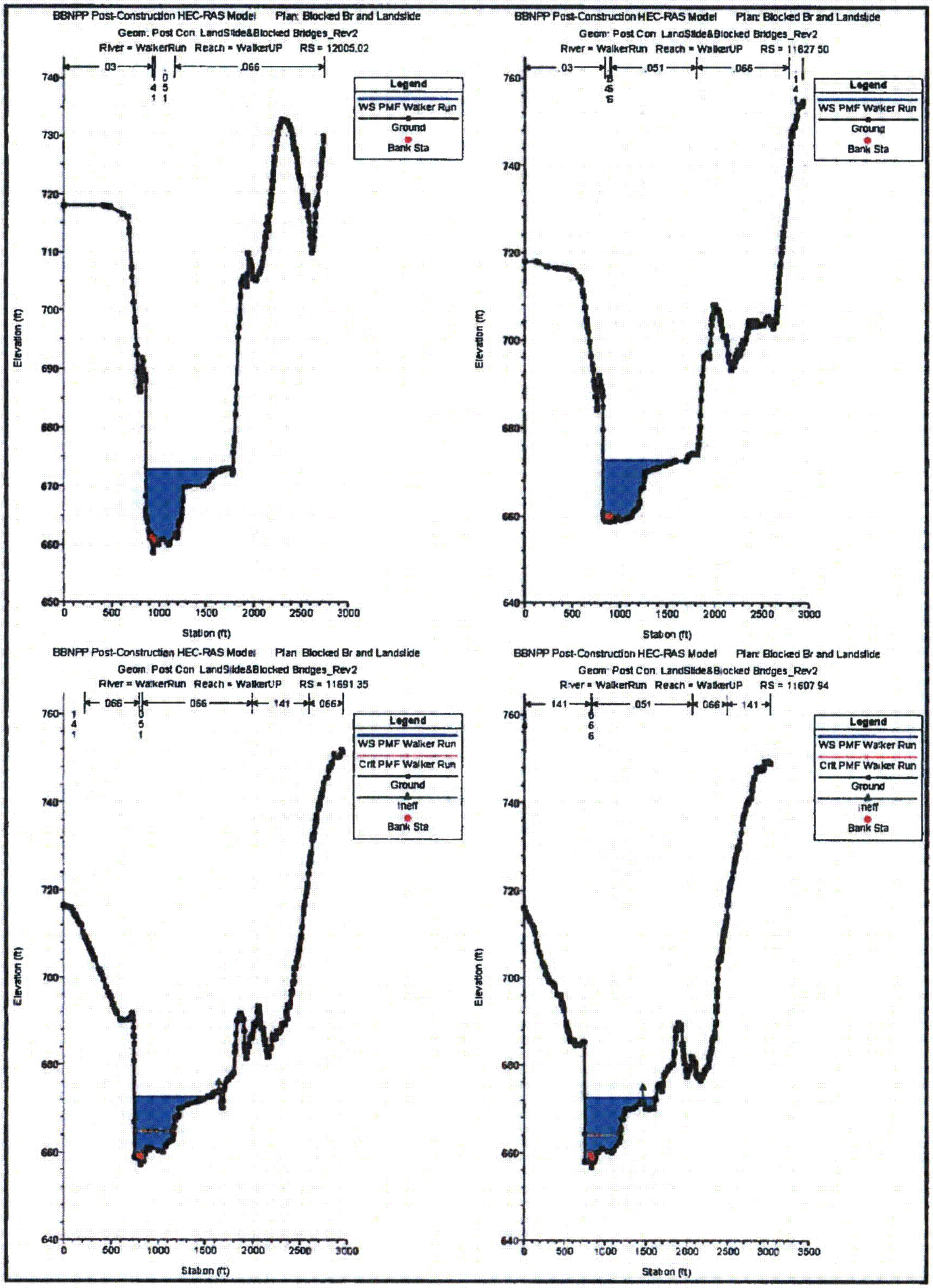

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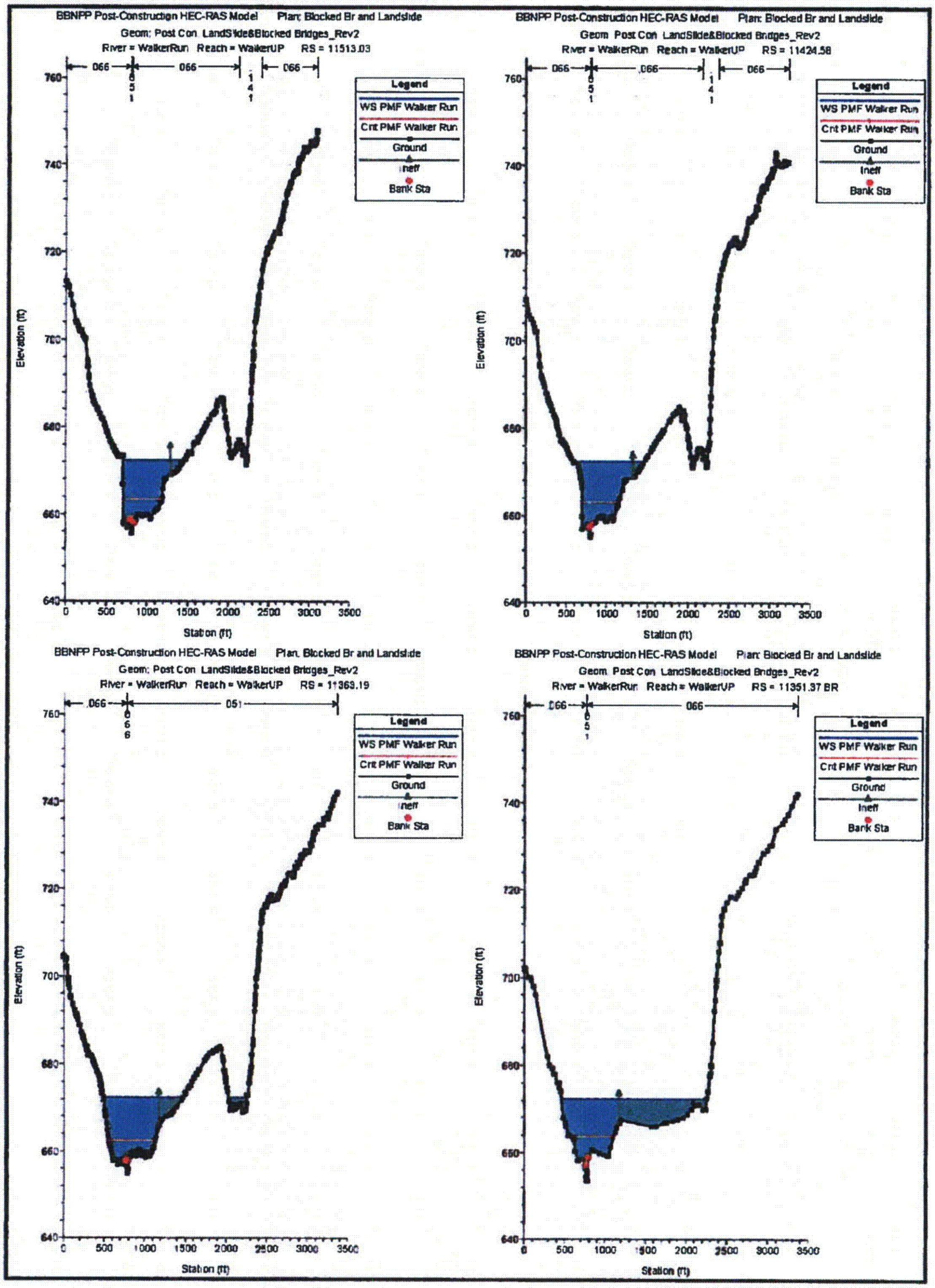

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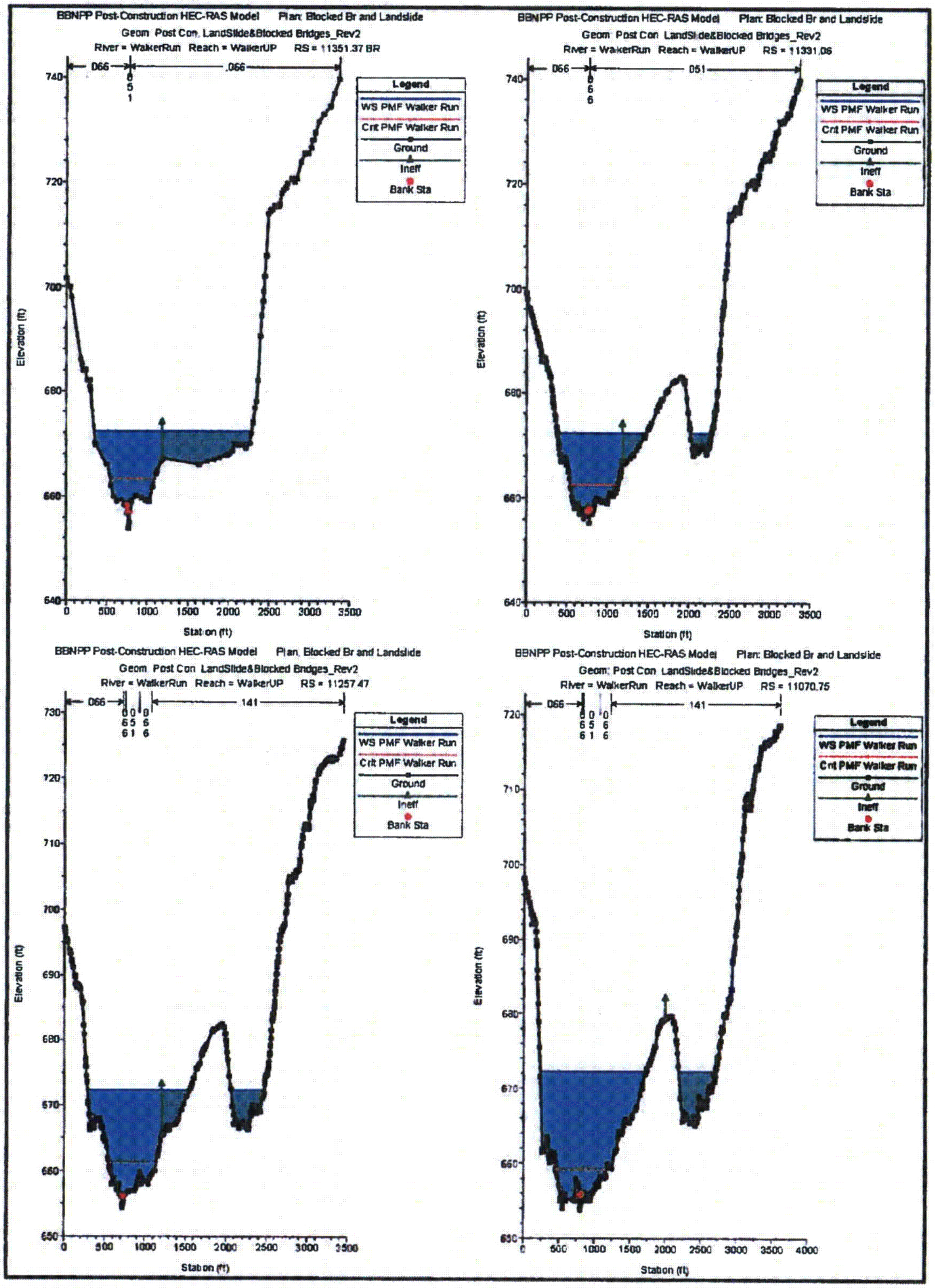

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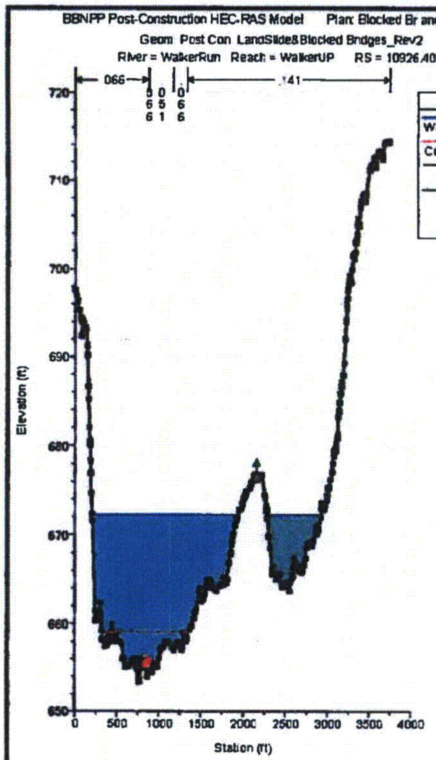


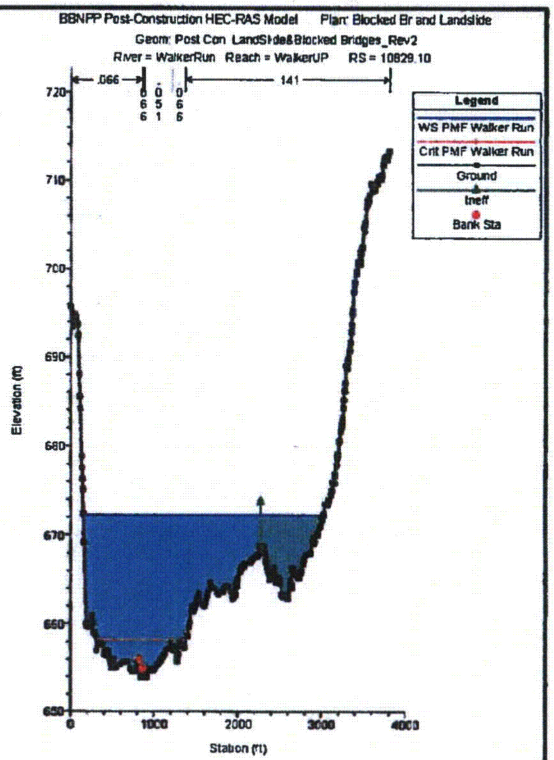
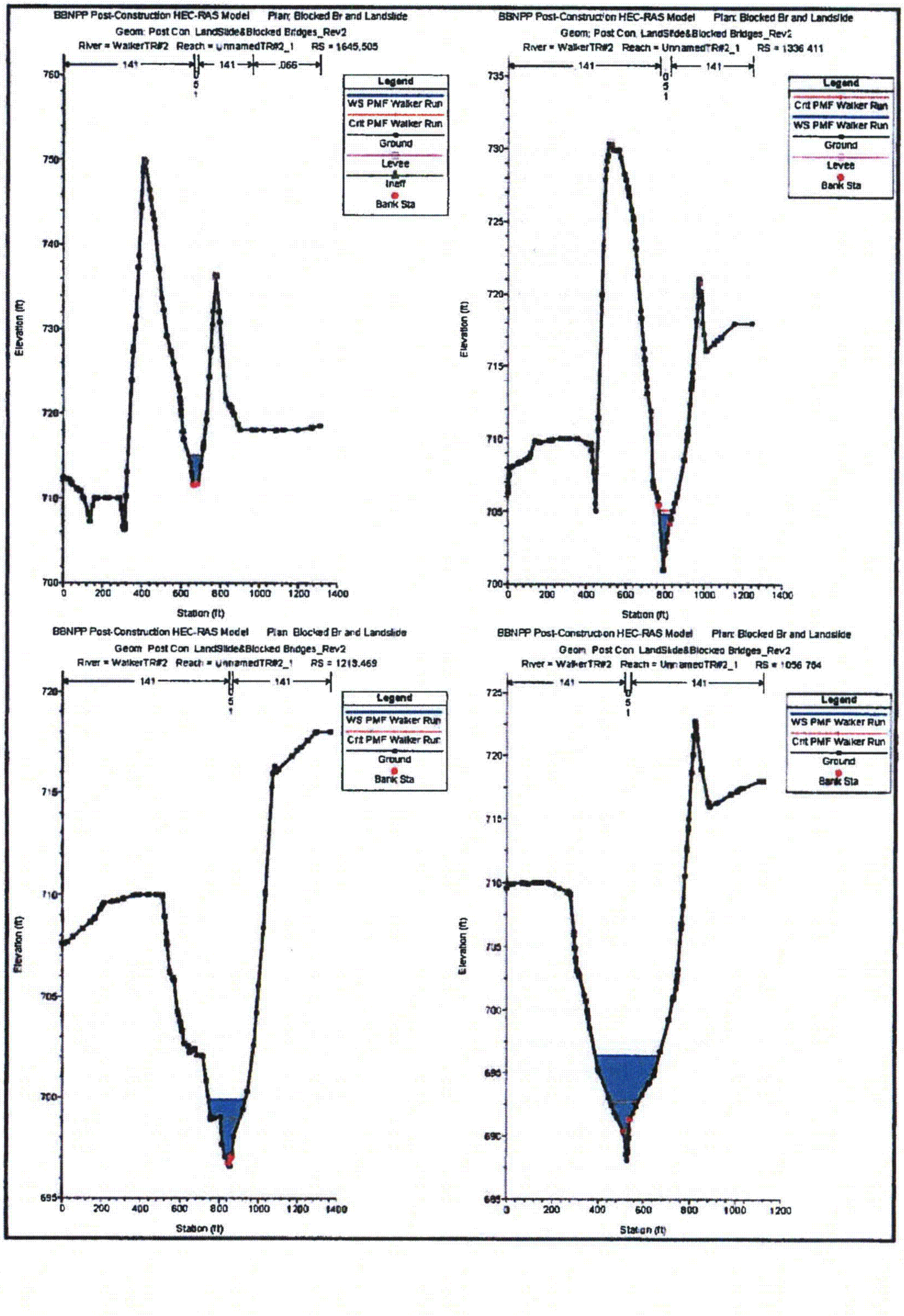


Figure A-7-11: Standard PMF With Landslide and Blocked Bridges WSE's at Unnamed Tributary # 2



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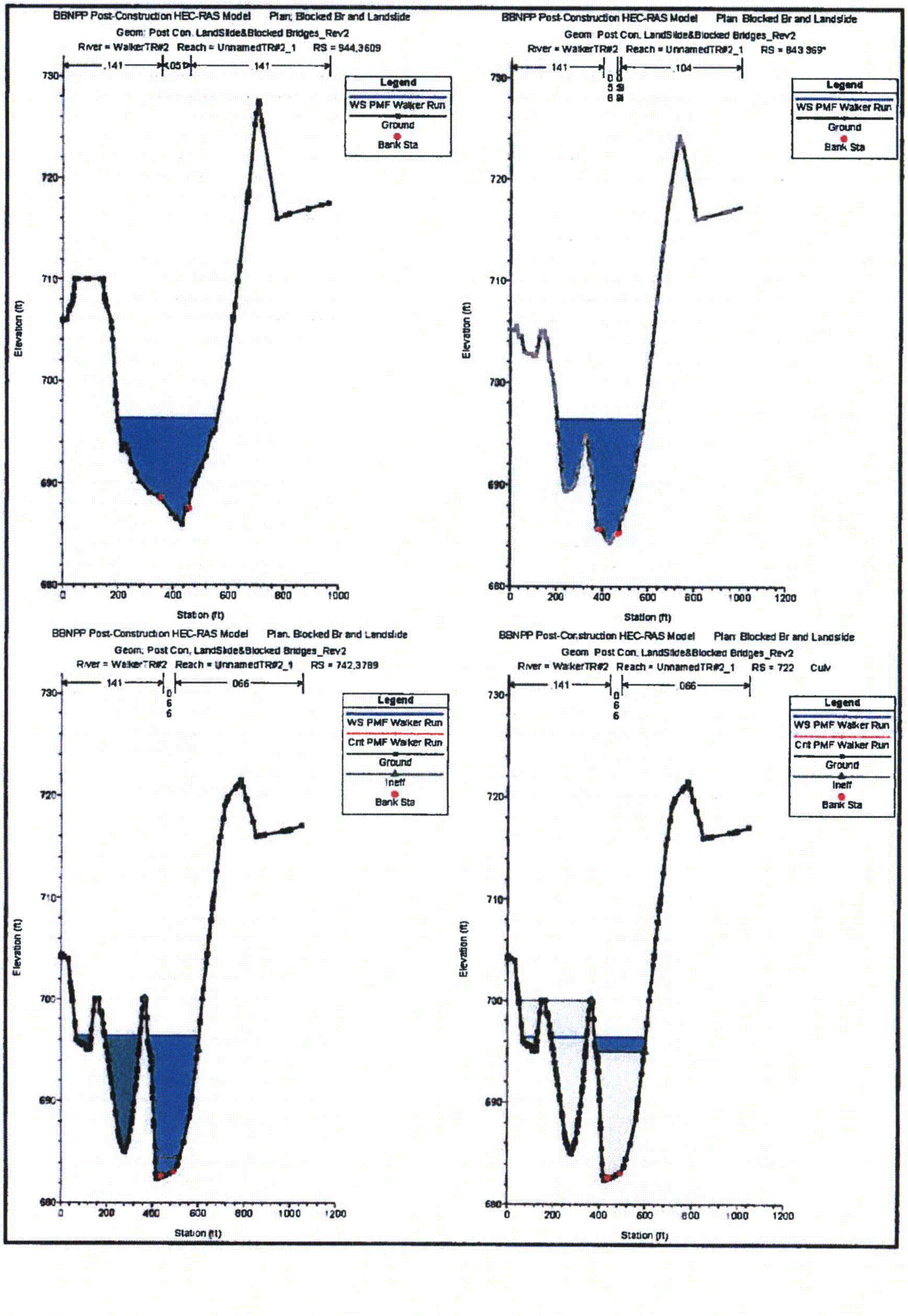

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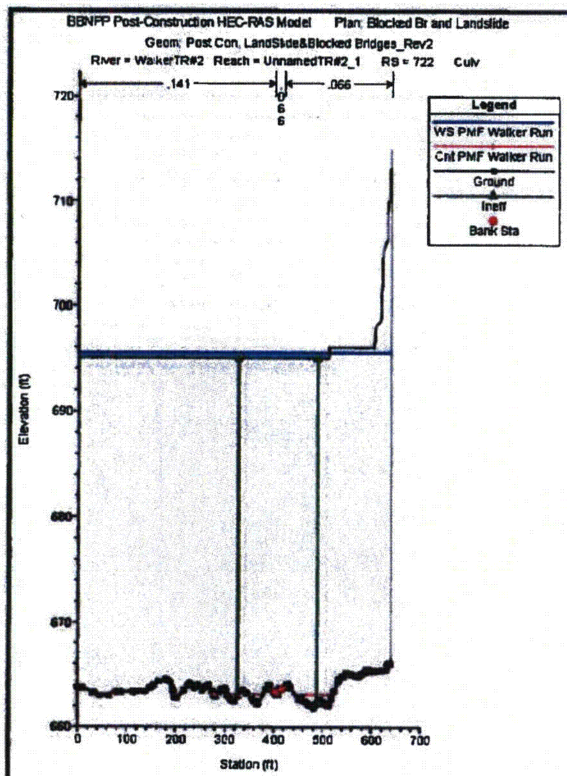

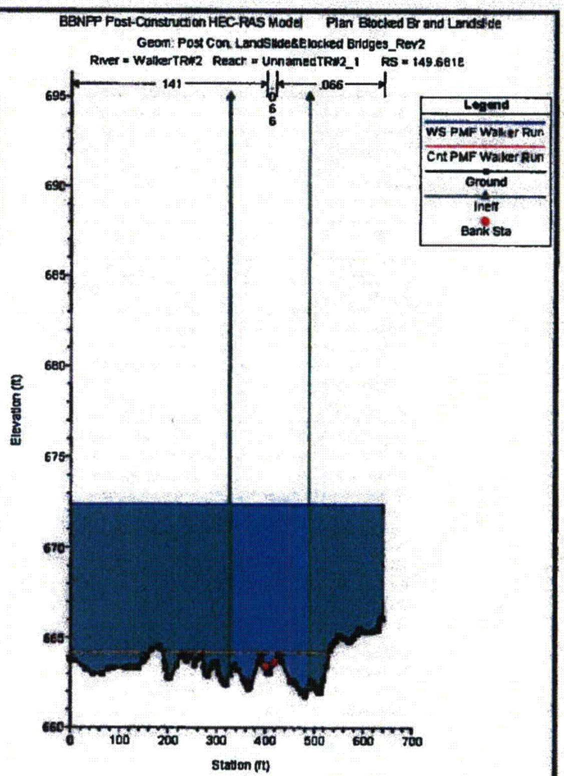

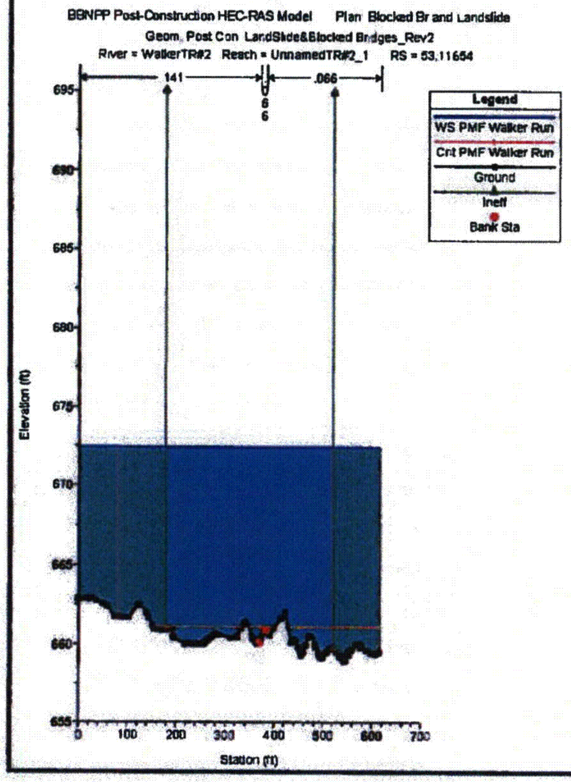

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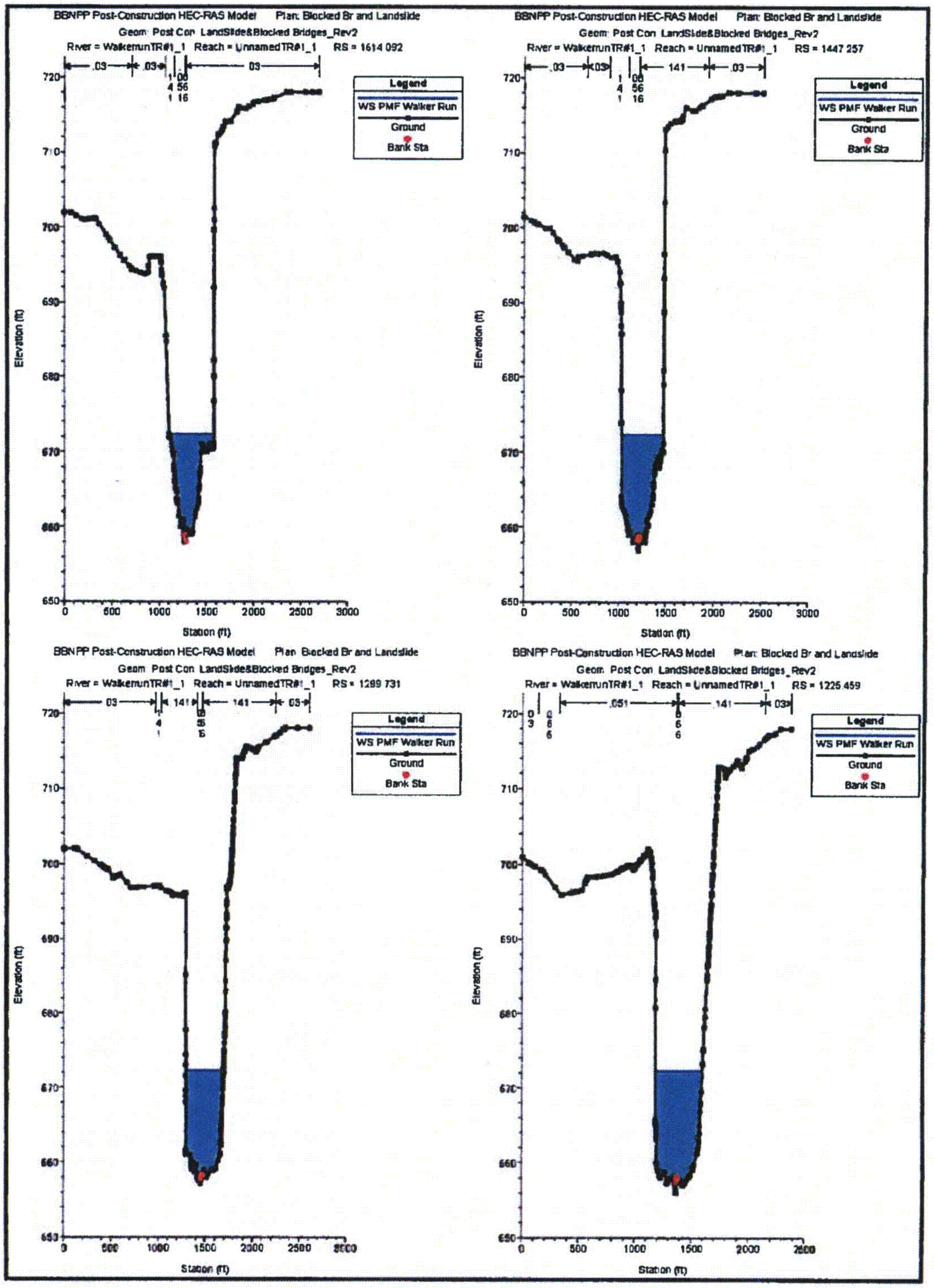
Checked By: JAD **Date:** 10/31/11 **Project No.** 104310

Figure A-7-12: Standard PMF With Landslide and Blocked Bridges WSE's at Unnamed Tributary #1-1



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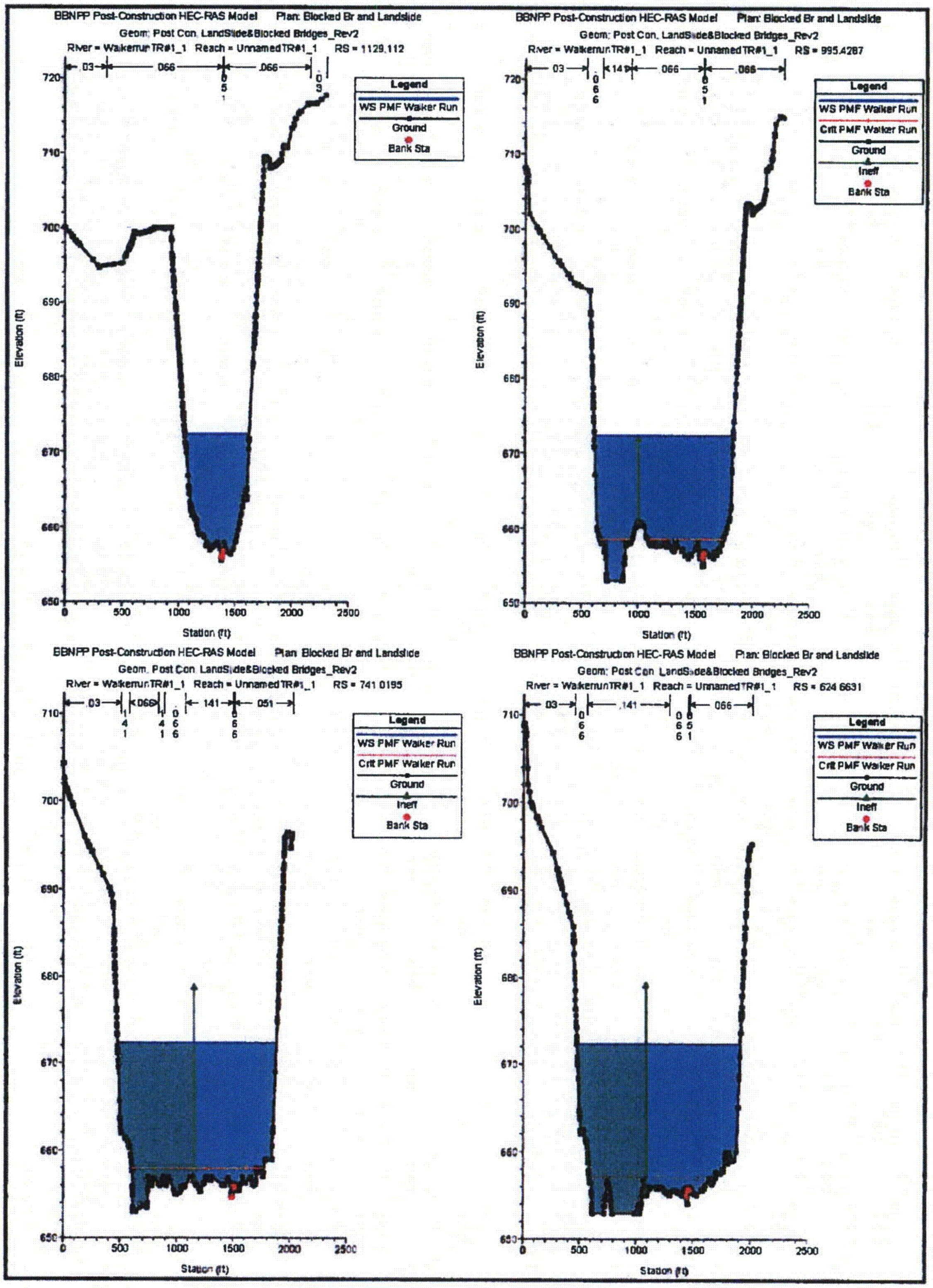
Rev 2 By: AG/KMK/ [illegible] **Date:** 10/31/11 **Subject:** Post-Construction HEC-RAS Analysis of Walker Run-BBNPP Rev. 2 **Sheet No.** 106 **of** 118

Checked By: JAD **Date:** 10/31/11 **Project No.** 104310



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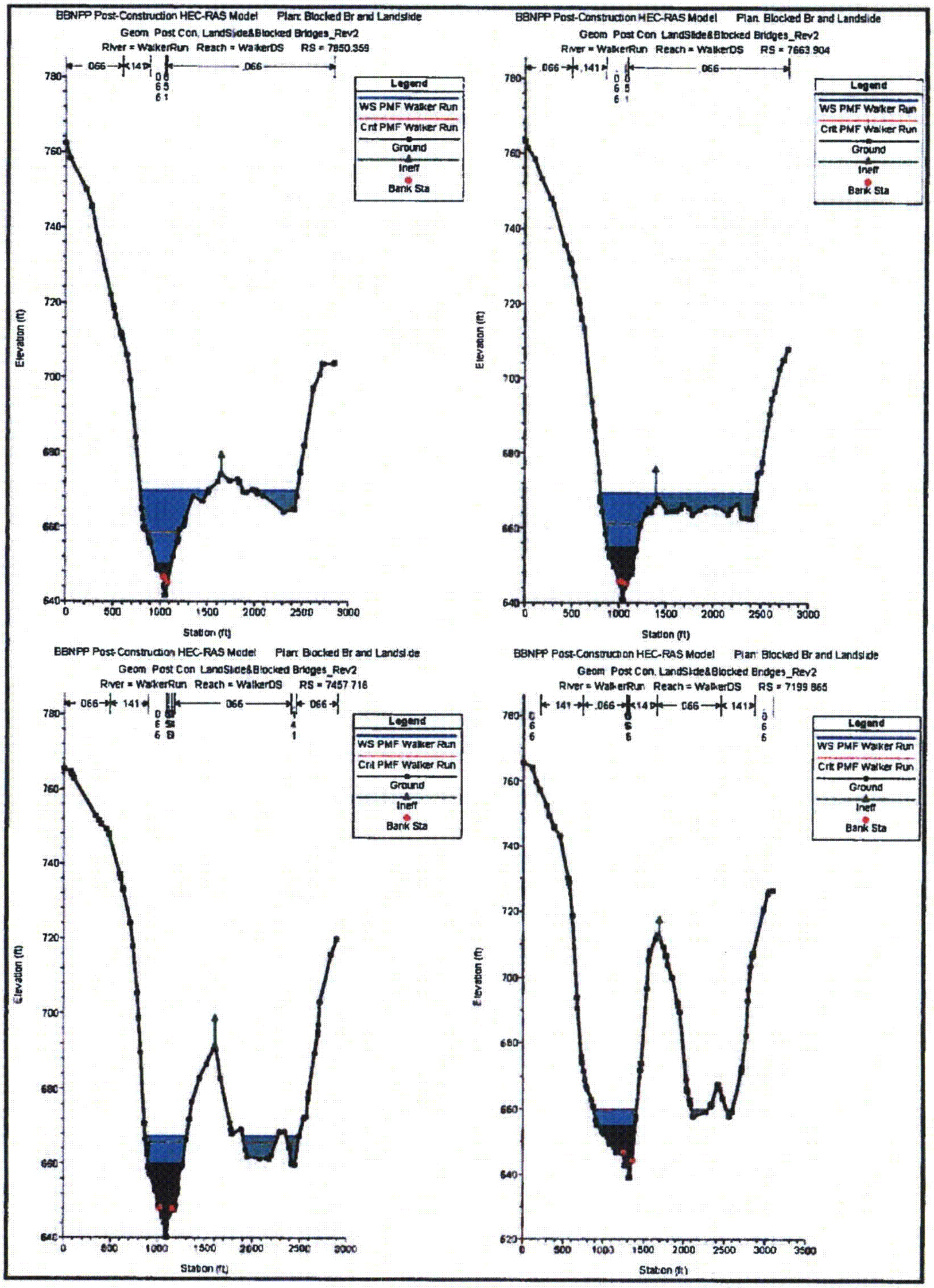
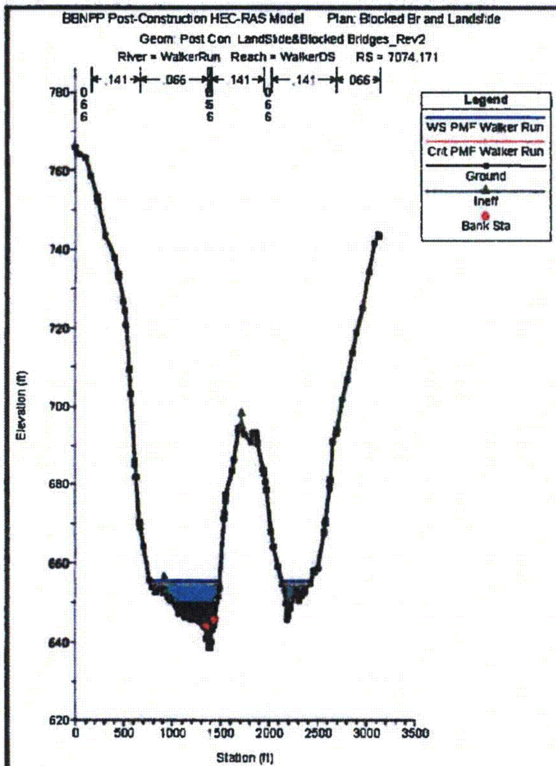
Checked By:	JAD	**Date:** 10/31/11	of Walker Run-BBNPP Rev. 2	**Project No.**	104310

Figure A-8-1: Landslide Cross Sections




BBNPP Post-Construction HEC-RAS Model Plan: Blocked Br and Landslide
Geom: Post Con LandSlide&Blocked Bridges_Rev2
River = WalkerRun Reach = WalkerDS RS = 7074.171
.141
.066
.141
.141
.066
Legend
WS PMF Walker Run
Crit PMF Walker Run
Ground
Ineff
Bank Sta
Elevation (ft)
Station (ft)
620
640
660
680
700
720
740
760
780
0
500
1000
1500
2000
2500
3000
3500

APPENDIX B:

HEC-RAS OUTPUT TABLES

Table B-1: HEC-RAS Standard PMF Profile Output Table for Walker Run Upstream, Downstream, Tributary #1, and Tributary #2

HEC-RAS Plan: StandardPMF Profile: PMF Walker Run

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
WalkerTR#2	UnnamedTR#2_1	1845.505	PMF Walker Run	925.50	711.61	715.03	715.03	718.37	0.025103	10.37	182.17	70.21	1.00
WalkerTR#2	UnnamedTR#2_1	1338.411	PMF Walker Run	925.50	701.00	705.41	705.07	706.13	0.017898	8.88	148.97	80.05	0.79
WalkerTR#2	UnnamedTR#2_1	1213.489	PMF Walker Run	925.50	696.59	698.91	698.91	701.49	0.111027	18.47	125.83	98.72	1.95
WalkerTR#2	UnnamedTR#2_1	1058.754	PMF Walker Run	925.50	690.06	695.82	692.69	695.81	0.000986	3.11	810.94	294.70	0.21
WalkerTR#2	UnnamedTR#2_1	944.3809	PMF Walker Run	925.50	686.08	695.87	688.51	695.87	0.000043	0.80	2318.62	357.87	0.05
WalkerTR#2	UnnamedTR#2_1	843.369*	PMF Walker Run	925.50	684.24	695.86	686.58	695.87	0.000027	0.58	2408.83	398.44	0.03
WalkerTR#2	UnnamedTR#2_1	742.3769	PMF Walker Run	925.50	682.59	695.86	684.44	695.87	0.000025	0.63	2048.86	426.50	0.03
WalkerTR#2	UnnamedTR#2_1	722		Culvert									
WalkerTR#2	UnnamedTR#2_1	149.6918	PMF Walker Run	925.50	663.85	668.23	664.17	668.28	0.000452	1.36	842.33	639.33	0.11
WalkerTR#2	UnnamedTR#2_1	53.11654	PMF Walker Run	925.50	660.11	668.23	661.08	668.24	0.000030	0.49	2698.88	814.77	0.03
WalkerrunTR#1_2	UnnamedTR#1_2	2594.424	PMF Walker Run	3218.10	678.38	682.28	681.51	683.01	0.024841	10.12	884.87	248.84	0.78
WalkerrunTR#1_2	UnnamedTR#1_2	2285.087	PMF Walker Run	3218.10	673.97	678.90	676.02	679.02	0.007394	4.65	1284.81	1122.13	0.40
WalkerrunTR#1_2	UnnamedTR#1_2	1939.839	PMF Walker Run	3218.10	672.66	675.38	673.50	675.58	0.014452	2.43	1024.24	1387.00	0.26
WalkerrunTR#1_2	UnnamedTR#1_2	1887.279	PMF Walker Run	3218.10	668.68	673.69	670.97	673.76	0.004040	4.94	1836.48	872.78	0.41
WalkerrunTR#1_2	UnnamedTR#1_2	1471.048	PMF Walker Run	3218.10	667.90	672.13	669.45	672.25	0.007178	4.87	1394.18	380.38	0.42
WalkerrunTR#1_2	UnnamedTR#1_2	1269.473	PMF Walker Run	3218.10	666.03	670.82	667.91	670.80	0.008400	7.22	1309.25	335.38	0.64
WalkerrunTR#1_2	UnnamedTR#1_2	1099.844	PMF Walker Run	3218.10	664.00	669.67	666.95	669.74	0.005678	2.94	1848.94	944.55	0.24
WalkerrunTR#1_2	UnnamedTR#1_2	806.8500	PMF Walker Run	3218.10	662.00	668.90	665.47	668.94	0.002043	2.80	2130.30	904.86	0.20
WalkerrunTR#1_2	UnnamedTR#1_2	636.9708	PMF Walker Run	3218.10	662.42	668.68	664.69	668.73	0.001879	3.73	2275.04	508.88	0.27
WalkerrunTR#1_2	UnnamedTR#1_2	482.8771	PMF Walker Run	3218.10	660.00	668.40	663.93	668.45	0.001179	4.11	2488.40	426.86	0.25
WalkerrunTR#1_2	UnnamedTR#1_2	351.8543	PMF Walker Run	3218.10	660.66	668.25	664.28	668.31	0.001395	4.14	2253.48	397.46	0.27
WalkerrunTR#1_1	UnnamedTR#1_1	1614.082	PMF Walker Run	4940.90	658.00	667.99	662.86	668.12	0.000332	2.71	1881.68	282.20	0.15
WalkerrunTR#1_1	UnnamedTR#1_1	1447.257	PMF Walker Run	4940.90	658.92	667.86	661.85	668.04	0.000803	2.57	2704.22	353.97	0.14
WalkerrunTR#1_1	UnnamedTR#1_1	1299.731	PMF Walker Run	4940.90	657.12	667.89	661.57	667.95	0.000877	3.38	3233.87	384.17	0.18
WalkerrunTR#1_1	UnnamedTR#1_1	1225.459	PMF Walker Run	4940.90	656.02	667.87	660.21	667.82	0.000254	1.76	3815.84	396.84	0.08
WalkerrunTR#1_1	UnnamedTR#1_1	1129.112	PMF Walker Run	4940.90	655.55	667.87	659.62	667.89	0.000130	1.50	4550.73	533.81	0.08
WalkerrunTR#1_1	UnnamedTR#1_1	986.4297	PMF Walker Run	4940.90	655.00	667.87	658.53	667.88	0.000032	0.86	8272.73	1204.16	0.04
WalkerrunTR#1_1	UnnamedTR#1_1	741.0195	PMF Walker Run	4940.90	654.73	667.86	658.00	667.87	0.000044	0.82	7793.86	1378.37	0.03
WalkerrunTR#1_1	UnnamedTR#1_1	634.8831	PMF Walker Run	4940.90	654.00	667.86	657.12	667.86	0.000031	0.89	8156.78	1408.64	0.04
WalkerRun	WalkerUP	19811.84	PMF Walker Run	16398.00	796.80	812.82	807.90	813.82	0.010452	13.38	2972.32	309.46	0.60
WalkerRun	WalkerUP	19591.98	PMF Walker Run	16398.00	795.58	812.41	805.01	813.18	0.012120	8.84	2634.21	261.06	0.36
WalkerRun	WalkerUP	19398.30	PMF Walker Run	16398.00	793.22	809.77	808.10	811.31	0.011763	13.72	2305.32	218.78	0.60
WalkerRun	WalkerUP	19310.88	PMF Walker Run	16398.00	789.09	808.01	804.90	809.69	0.017008	23.55	1878.26	173.98	1.04
WalkerRun	WalkerUP	19250.46	PMF Walker Run	16398.00	786.77	803.39	803.39	808.74	0.018521	25.45	1652.64	167.44	1.11
WalkerRun	WalkerUP	19196.00	PMF Walker Run	16398.00	784.11	801.48	798.88	803.53	0.025935	15.80	1808.67	187.81	0.80
WalkerRun	WalkerUP	19091.72	PMF Walker Run	16398.00	781.11	800.27	795.29	801.78	0.013501	11.14	2001.92	188.22	0.49
WalkerRun	WalkerUP	19023.09	PMF Walker Run	16398.00	778.93	798.52	794.30	800.74	0.017258	10.00	2102.58	203.44	0.44
WalkerRun	WalkerUP	18953.02	PMF Walker Run	16398.00	773.44	795.93	792.02	797.80	0.019273	11.84	1890.94	186.87	0.51
WalkerRun	WalkerUP	18745.33	PMF Walker Run	16398.00	768.98	789.82	789.92	794.64	0.024428	18.82	1184.02	143.43	0.87
WalkerRun	WalkerUP	18600.30	PMF Walker Run	16398.00	765.32	786.05	784.25	788.88	0.030390	18.15	1186.22	121.57	0.76
WalkerRun	WalkerUP	18542.30	PMF Walker Run	16398.00	763.45	784.26	781.73	787.86	0.037348	15.48	1147.08	108.48	0.72
WalkerRun	WalkerUP	18491.74	PMF Walker Run	16398.00	761.83	778.95	779.95	784.94	0.080960	17.92	917.81	95.05	1.00
WalkerRun	WalkerUP	18403.28	PMF Walker Run	16398.00	756.42	775.50	773.22	778.39	0.027905	17.31	1245.99	117.23	0.74
WalkerRun	WalkerUP	18302.01	PMF Walker Run	16398.00	753.94	773.83	769.43	776.84	0.017899	14.82	1342.13	98.94	0.62
WalkerRun	WalkerUP	18211.28	PMF Walker Run	16398.00	753.18	768.82	768.82	774.74	0.044571	20.63	929.88	85.18	0.97
WalkerRun	WalkerUP	18188.01	PMF Walker Run	16398.00	751.17	768.22	768.29	771.63	0.019290	15.64	1308.31	125.58	0.79
WalkerRun	WalkerUP	18125.69	PMF Walker Run	16398.00	750.08	768.24	765.38	770.63	0.021652	13.70	1574.02	150.88	0.62
WalkerRun	WalkerUP	18073.39	PMF Walker Run	16398.00	748.98	766.03	761.89	769.58	0.011515	10.73	1934.98	187.48	0.45
WalkerRun	WalkerUP	17921.22	PMF Walker Run	16398.00	748.98	765.72	761.66	767.85	0.010789	12.87	1753.18	180.24	0.50
WalkerRun	WalkerUP	17804.12	PMF Walker Run	16398.00	746.34	765.76	758.37	766.53	0.036008	7.33	2581.18	202.30	0.31
WalkerRun	WalkerUP	17629.81	PMF Walker Run	16398.00	743.73	763.72	759.29	764.89	0.016417	10.10	2183.98	203.22	0.44
WalkerRun	WalkerUP	17432.59	PMF Walker Run	16398.00	740.11	761.51	754.41	762.33	0.009824	8.82	2580.80	211.91	0.38
WalkerRun	WalkerUP	17301.94	PMF Walker Run	16398.00	739.02	760.46	751.93	761.14	0.008097	7.60	2722.39	201.02	0.31
WalkerRun	WalkerUP	17166.54	PMF Walker Run	16398.00	738.80	759.52	752.88	760.08	0.009500	7.96	3016.37	272.15	0.33
WalkerRun	WalkerUP	17132.36 Bridge # 8		Culvert									
WalkerRun	WalkerUP	17100.09	PMF Walker Run	16398.00	737.82	759.23	752.59	759.81	0.011383	8.10	2849.73	254.41	0.34
WalkerRun	WalkerUP	16953.10	PMF Walker Run	16398.00	735.14	756.88	750.87	757.88	0.012414	9.77	2270.36	180.51	0.41
WalkerRun	WalkerUP	16840.92	PMF Walker Run	16398.00	733.24	755.68	747.98	756.55	0.011088	7.95	2312.10	177.27	0.34
WalkerRun	WalkerUP	16620.82	PMF Walker Run	16398.00	729.51	752.87	747.02	753.48	0.017804	10.29	1825.87	167.29	0.44
WalkerRun	WalkerUP	16561.52	PMF Walker Run	16398.00	728.53	751.22	745.73	752.38	0.019702	8.85	2058.41	174.18	0.41
WalkerRun	WalkerUP	16546.63 Bridge # 7		Culvert									
WalkerRun	WalkerUP	16524.95	PMF Walker Run	16398.00	728.59	749.68	748.59	751.08	0.027782	11.58	1911.77	198.94	0.50
WalkerRun	WalkerUP	16414.53	PMF Walker Run	16398.00	726.48	746.93	741.88	748.71	0.017707	12.53	1932.85	199.28	0.52
WalkerRun	WalkerUP	16324.98	PMF Walker Run	16398.00	724.05	741.42	741.42	746.02	0.046269	20.99	1238.78	134.40	0.86
WalkerRun	WalkerUP	16204.08	PMF Walker Run	16398.00	722.08	735.79	735.32	740.02	0.044024	17.42	1131.68	126.47	0.89
WalkerRun	WalkerUP	15990.03	PMF Walker Run	16398.00	715.41	729.11	727.42	732.00	0.027118	15.27	1457.94	156.28	0.75
WalkerRun	WalkerUP	15788.70	PMF Walker Run	19863.30	707.02	724.87	720.93	728.50	0.027834	11.12	2051.22	194.39	0.53
WalkerRun	WalkerUP	15590.48	PMF Walker Run	19863.30	702.89	718.58	715.67	720.85	0.029288	10.0?	2212.45	218.00	0.52
WalkerRun	WalkerUP	15414.40	PMF Walker Run	19863.30	699.88	713.53	711.19	715.62	0.028685	12.21	1838.20	203.81	0.85
WalkerRun	WalkerUP	15294.87	PMF Walker Run	19863.30	696.78	710.48	708.90	712.08	0.029101	10.07	1971.57	198.84	0.55
WalkerRun	WalkerUP	15104.69	PMF Walker Run	19863.30	691.54	706.22	700.92	707.38	0.021209	9.00	2408.28	214.82	0.46
WalkerRun	WalkerUP	14806.59	PMF Walker Run	19863.30	680.88	694.51	693.18	698.82	0.069407	12.63	1620.84	211.77	0.73
WalkerRun	WalkerUP	14514.33	PMF Walker Run	19863.30	672.72	687.59	681.53	688.42	0.014844	7.65	2822.22	280.72	0.37
WalkerRun	WalkerUP	14202.86	PMF Walker Run	19863.30	667.99	683.66	679.88	684.78	0.010292	8.81	2458.46	314.82	0.45
WalkerRun	WalkerUP	14138.52	PMF Walker Run	19863.30	667.24	682.89	680.17	684.02	0.011723	8.80	2548.08	338.15	0.42
WalkerRun	WalkerUP	14124.54 Bridge # 6		Culvert									
WalkerRun	WalkerUP	14088.52	PMF Walker Run	19863.30	665.38	682.37	678.79	682.98	0.003710	8.65	3418.18	372.97	0.33
WalkerRun	WalkerUP	13928.43	PMF Walker Run	19863.30	668.44	681.78	676.29	682.40	0.003765	10.19	3877.72	397.29	0.47
WalkerRun	WalkerUP	13830.25	PMF Walker Run	19863.30	665.20	681.46	675.74	682.00	0.003740	10.38	4286.02	465.82	0.47
WalkerRun	WalkerUP	13750.91	PMF Walker Run	19863.30	663.56	681.29	674.05	681.64	0.004982	5.81	4403.12	421.24	0.28
WalkerRun	WalkerUP	13721.37	PMF Walker Run	19863.30	663.78	681.13	673.84	681.45	0.004394	5.67	4584.09	415.17	0.27
WalkerRun	WalkerUP	13632.93	PMF Walker Run	19863.30	666.91	680.77	673.29	681.08	0.004132	6.53	4933.17	478.71	0.31
WalkerRun	WalkerUP	13518.81	PMF Walker Run	19863.30	663.32	680.08	674.90	680.86	0.004595	11.62	4508.41	474.18	0.53
WalkerRun	WalkerUP	13352.85	PMF Walker Run	19492.30	664.82	679.47	673.54	679.83	0.005301	7.50	4805.17	520.57	0.37
WalkerRun	WalkerUP	13087.29	PMF Walker Run	19492.30	662.93	678.46	672.34	678.78	0.004974	7.54	4829.03	506.98	0.35
WalkerRun	WalkerUP	12822.58	PMF Walker Run	19492.30	663.63	676.86	672.30	677.25	0.008224	6.58	4354.10	530.98	0.44
WalkerRun	WalkerUP	12780.74		Bridge									
WalkerRun	WalkerUP	12784.15	PMF Walker Run	19492.30	661.98	675.69	672.92	676.29	0.017895	10.22	3555.80	529.71	0.53
WalkerRun	WalkerUP	12621.48	PMF Walker Run	19492.30	664.33	672.10	672.10	674.41	0.009811	3.88	2013.94	478.03	0.25
WalkerRun	WalkerUP	12494.20	PMF Walker Run	19492.30	661.89	671.28	669.84	672.22	0.005705	10.90	2857.09	608.41	0.69
WalkerRun	WalkerUP	12378.40	PMF Walker Run	19492.30	663.59	671.04	668.22	671.61	0.003603	5.46	3243.83	533.35	0.39
WalkerRun	WalkerUP	12288.75	PMF Walker Run	19492.30	661.09	670.92	667.55	671.38	0.002779	2.51	3725.89	596.29	0.14
WalkerRun	WalkerUP	12273.66	PMF Walker Run	19492.30	658.37	670.57	668.19	671.12	0.004682	3.73	3355.44	838.99	0.22
WalkerRun	WalkerUP	12125.81	PMF Walker Run	19492.30	658.30	669.86	666.77	670.60	0.005998	3.53	3049.12	638.52	0.20
WalkerRun	WalkerUP	12005.02	PMF Walker Run	19492.30	658.58	669.40	665.84	670.12	0.002938	2.40	3070.68	398.84	0.14
WalkerRun	WalkerUP	11827.50	PMF Walker Run	19492.30	658.70	669.02	664.39	668.51	0.002484	4.98	3645.22	438.49	0.28
WalkerRun	WalkerUP	11691.35	PMF Walker Run	19492.30	657.08	668.56	664.83	669.11	0.004191	8.76	3452.24	468.13	0.49
WalkerRun	WalkerUP	11607.94	PMF Walker Run	19492.30	656.73	668.31	664.17	668.81	0.003077	8.02	3647.81	477.49	0.34
WalkerRun	WalkerUP	11513.93	PMF Walker Run	19492.30	655.86	668.15	663.49	668.50	0.002578	6.57	4193.11	519.28	0.35

Table B-1: HEC-RAS Standard PMF Profile Output Table for Walker Run Upstream, Downstream, Tributary #1, and Tributary #2 Continued.

HEC-RAS Plan: StandardPMF Profile: PMF Walker Run (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
WalkerRun	WalkerUP	11424.59	PMF Walker Run	19492.30	655.00	667.98	663.35	668.33	0.002571	8.62	4222.31	528.32	0.34
WalkerRun	WalkerUP	11363.19	PMF Walker Run	19492.30	655.00	667.99	662.44	668.20	0.001129	4.79	5395.72	740.70	0.25
WalkerRun	WalkerUP	11351.37		Bridge									
WalkerRun	WalkerUP	11331.06	PMF Walker Run	19492.30	655.18	667.84	662.48	668.08	0.001289	4.98	5455.09	979.99	0.26
WalkerRun	WalkerUP	11257.47	PMF Walker Run	19492.30	654.41	667.79	661.39	667.94	0.000987	3.76	6581.29	1230.37	0.19
WalkerRun	WalkerUP	11070.75	PMF Walker Run	19492.30	653.79	667.80	659.18	667.85	0.000276	2.01	11243.13	1626.42	0.10
WalkerRun	WalkerUP	10928.40	PMF Walker Run	19492.30	654.00	667.78	659.05	667.81	0.000186	1.65	13998.50	2037.10	0.08
WalkerRun	WalkerUP	10828.10	PMF Walker Run	19492.30	653.98	667.77	658.24	667.79	0.000123	1.37	16894.28	2555.57	0.07
WalkerRun	WalkerDS	10497.04	PMF Walker Run	24963.50	651.00	667.67	657.66	667.71	0.000589	1.97	16940.54	3107.78	0.09
WalkerRun	WalkerDS	10308.74	PMF Walker Run	24963.50	651.27	667.60	657.13	667.63	0.000538	2.88	17205.37	3241.35	0.13
WalkerRun	WalkerDS	10249.93	PMF Walker Run	24963.50	650.60	667.57	656.80	667.60	0.000474	1.80	20159.13	4280.80	0.08
WalkerRun	WalkerDS	9918.370	PMF Walker Run	24963.50	649.39	667.19	657.81	667.32	0.002425	3.78	8960.00	2151.83	0.17
WalkerRun	WalkerDS	9217.673	PMF Walker Run	24963.50	646.83	665.89	657.00	665.89	0.002581	4.80	7733.98	1687.84	0.20
WalkerRun	WalkerDS	9034.765	PMF Walker Run	24963.50	646.16	665.29	659.33	665.44	0.002060	4.46	8978.33	1298.04	0.19
WalkerRun	WalkerDS	8812.377	PMF Walker Run	24963.50	645.35	665.00	655.57	665.17	0.000898	2.25	8058.60	723.04	0.10
WalkerRun	WalkerDS	8786.729 Bridge #3		Culvert									
WalkerRun	WalkerDS	8761.583	PMF Walker Run	24963.50	645.46	664.87	655.78	665.09	0.001079	2.42	7002.10	571.87	0.11
WalkerRun	WalkerDS	8567.727	PMF Walker Run	27835.40	644.67	664.33	656.71	664.72	0.003912	4.64	5685.74	565.89	0.20
WalkerRun	WalkerDS	8276.200	PMF Walker Run	27835.40	643.47	663.31	657.23	663.84	0.004098	6.47	5138.65	557.65	0.28
WalkerRun	WalkerDS	8159.365	PMF Walker Run	27835.40	642.99	662.78	656.78	663.42	0.003865	7.86	4982.75	479.10	0.34
WalkerRun	WalkerDS	8113.091	PMF Walker Run	27835.40	642.79	662.38	657.12	663.22	0.003765	8.32	4587.76	441.68	0.41
WalkerRun	WalkerDS	8069.461	PMF Walker Run	27835.40	642.62	662.08	656.92	663.03	0.004275	10.22	4372.20	413.23	0.44
WalkerRun	WalkerDS	7850.359	PMF Walker Run	27835.40	641.71	660.73	657.07	661.94	0.005868	12.09	3533.35	424.07	0.51
WalkerRun	WalkerDS	7683.904	PMF Walker Run	27835.40	640.95	660.10	655.02	661.03	0.003943	9.85	3880.38	373.21	0.42
WalkerRun	WalkerDS	7457.718	PMF Walker Run	27835.40	640.10	658.19	655.00	659.73	0.012006	10.63	2978.29	325.02	0.52
WalkerRun	WalkerDS	7189.865	PMF Walker Run	27835.40	639.04	655.82	652.57	656.69	0.010600	9.41	3504.98	480.83	0.46
WalkerRun	WalkerDS	7074.171	PMF Walker Run	27835.40	638.52	655.41	650.37	655.90	0.003182	6.42	5160.39	1029.96	0.31
WalkerRun	WalkerDS	6900.336	PMF Walker Run	27835.40	637.81	655.01	649.39	655.41	0.002371	6.43	6051.17	1167.01	0.31
WalkerRun	WalkerDS	6737.758	PMF Walker Run	27835.40	637.14	654.68	649.70	655.02	0.002742	5.79	6343.32	1653.64	0.26
WalkerRun	WalkerDS	6658.520	PMF Walker Run	27835.40	636.81	654.66	647.83	654.78	0.001374	2.87	10980.07	1657.09	0.13
WalkerRun	WalkerDS	6638.740 Bridge #2		Culvert									
WalkerRun	WalkerDS	6600.763	PMF Walker Run	31569.00	637.33	654.54	649.04	654.73	0.001996	4.27	8824.44	1588.20	0.19
WalkerRun	WalkerDS	6373.925	PMF Walker Run	31569.00	636.69	654.03	647.20	654.32	0.001919	4.34	7577.08	1759.09	0.20
WalkerRun	WalkerDS	6048.422	PMF Walker Run	31569.00	635.77	653.14	648.57	653.60	0.004178	5.14	5978.11	2019.10	0.24
WalkerRun	WalkerDS	5927.270	PMF Walker Run	31569.00	635.44	652.71	648.59	653.17	0.003230	6.69	6029.90	2228.69	0.32
WalkerRun	WalkerDS	5768.212	PMF Walker Run	31569.00	634.99	652.37	648.98	652.70	0.002382	6.63	7423.50	2447.81	0.31
WalkerRun	WalkerDS	5282.004	PMF Walker Run	31569.00	633.62	651.28	648.14	651.67	0.002810	6.78	6959.18	2963.43	0.32
WalkerRun	WalkerDS	4955.817	PMF Walker Run	31569.00	632.70	649.77	646.26	650.38	0.006022	9.04	6443.55	3233.68	0.41
WalkerRun	WalkerDS	4574.584	PMF Walker Run	31569.00	631.63	648.39	648.10	648.82	0.004621	7.24	6988.49	3822.04	0.38
WalkerRun	WalkerDS	4421.695	PMF Walker Run	31569.00	631.13	647.34	645.15	648.01	0.006693	7.91	5427.30	3834.21	0.39
WalkerRun	WalkerDS	4130.464	PMF Walker Run	31569.00	621.88	642.03	638.77	644.49	0.028212	12.78	2856.48	1780.89	0.87
WalkerRun	WalkerDS	3902.181	PMF Walker Run	31569.00	615.67	637.03	633.15	639.38	0.018092	12.29	2570.96	383.25	0.63
WalkerRun	WalkerDS	3508.521	PMF Walker Run	31569.00	603.95	625.89	623.02	629.31	0.037921	14.83	2128.24	163.72	0.73
WalkerRun	WalkerDS	3205.202	PMF Walker Run	31569.00	594.82	617.14	614.47	620.42	0.023159	14.54	2171.38	179.98	0.74
WalkerRun	WalkerDS	2754.088	PMF Walker Run	31569.00	581.49	603.13	600.98	606.79	0.040854	15.35	2058.82	169.84	0.78
WalkerRun	WalkerDS	2508.478	PMF Walker Run	31569.00	574.18	598.42	593.46	599.26	0.022487	13.53	2334.07	195.14	0.69
WalkerRun	WalkerDS	2131.508	PMF Walker Run	31569.00	562.96	586.91	582.81	589.12	0.031417	11.94	2643.72	218.45	0.60
WalkerRun	WalkerDS	1608.110	PMF Walker Run	31569.00	547.41	568.69	565.60	570.79	0.039284	11.62	2717.28	253.41	0.63
WalkerRun	WalkerDS	1127.024	PMF Walker Run	31569.00	533.08	554.09	554.09	556.10	0.023974	13.04	3251.51	1752.65	0.64
WalkerRun	WalkerDS	847.3784	PMF Walker Run	31569.00	524.73	543.14	544.48	546.65	0.047260	16.18	2383.25	1748.93	0.90
WalkerRun	WalkerDS	682.6949	PMF Walker Run	31569.00	519.83	539.17	536.99	540.09	0.008920	8.15	4604.55	2006.53	0.46
WalkerRun	WalkerDS	623.7700	PMF Walker Run	31569.00	518.08	538.84	536.12	539.69	0.008311	8.64	6029.27	2217.45	0.38
WalkerRun	WalkerDS	569.1188 Bridge # 1		Bridge									
WalkerRun	WalkerDS	527.8577	PMF Walker Run	31569.00	515.78	536.64	533.25	537.03	0.003605	6.91	8400.85	2888.91	0.35
WalkerRun	WalkerDS	393.5584	PMF Walker Run	31569.00	507.64	536.80	518.82	536.82	0.000054	1.03	38207.81	3470.59	0.04
WalkerRun	WalkerDS	195.4284	PMF Walker Run	31569.00	500.11	536.81	500.25	536.81	0.000003	0.28	126811.20	4584.35	0.01

Table B-2: HEC-RAS Standard PMF Profile With Blocked Bridges Output Table for Walker Run Upstream, Downstream, Tributary #1, and Tributary #2

HEC-RAS Plan: BlockedB Profile: PMF Walker Run

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
WalkerTR#2	UnnamedTR#2_1	1645.955	PMF Walker Run	925.50	711.61	715.03	715.03	718.37	0.025103	10.37	152.17	70.21	1.00
WalkerTR#2	UnnamedTR#2_1	1736.411	PMF Walker Run	925.50	701.00	704.78	705.07	708.14	0.045308	8.38	101.75	60.53	1.21
WalkerTR#2	UnnamedTR#2_1	1213.489	PMF Walker Run	925.50	698.55	699.69	698.91	700.60	0.022708	8.61	285.13	187.04	0.94
WalkerTR#2	UnnamedTR#2_1	1058.754	PMF Walker Run	925.50	688.06	696.38	692.89	696.42	0.000856	2.70	956.67	278.74	0.18
WalkerTR#2	UnnamedTR#2_1	944.3869	PMF Walker Run	925.50	688.00	696.38		696.39	0.000034	0.75	2208.86	363.85	0.04
WalkerTR#2	UnnamedTR#2_1	843.289*	PMF Walker Run	925.50	684.29	696.38		696.39	0.000026	0.68	2630.16	375.73	0.03
WalkerTR#2	UnnamedTR#2_1	742.3789	PMF Walker Run	925.50	682.58	696.38	684.44	696.38	0.000022	0.58	2161.90	444.59	0.03
WalkerTR#2	UnnamedTR#2_1	722		Culvert									
WalkerTR#2	UnnamedTR#2_1	148.8918	PMF Walker Run	925.50	683.05	687.68	684.17	687.71	0.000854	1.51	753.38	639.33	0.13
WalkerTR#2	UnnamedTR#2_1	53.11654	PMF Walker Run	925.50	680.11	687.69	681.09	687.69	0.000039	0.51	2500.20	614.77	0.03
WalkerrunTR#1_2	UnnamedTR#1_2	2604.424	PMF Walker Run	3218.10	678.38	682.27	681.44	682.91	0.023125	9.78	758.84	247.70	0.76
WalkerrunTR#1_2	UnnamedTR#1_2	2286.067	PMF Walker Run	3218.10	673.97	678.89	678.02	679.00	0.007465	4.67	1280.83	1121.21	0.40
WalkerrunTR#1_2	UnnamedTR#1_2	1939.838	PMF Walker Run	3218.10	672.66	675.39	673.49	675.55	0.014050	2.40	1051.86	1387.05	0.28
WalkerrunTR#1_2	UnnamedTR#1_2	1687.779	PMF Walker Run	3218.10	668.58	673.71	670.97	673.78	0.004018	4.84	1825.58	873.48	0.41
WalkerrunTR#1_2	UnnamedTR#1_2	1471.048	PMF Walker Run	3218.10	667.00	672.11	668.59	672.25	0.007360	6.73	1373.05	388.19	0.56
WalkerrunTR#1_2	UnnamedTR#1_2	1289.473	PMF Walker Run	3218.10	665.00	670.59	667.81	670.78	0.006537	7.27	1293.70	304.92	0.55
WalkerrunTR#1_2	UnnamedTR#1_2	1088.944	PMF Walker Run	3218.10	665.15	669.53	666.98	669.63	0.006598	5.86	1575.36	938.81	0.52
WalkerrunTR#1_2	UnnamedTR#1_2	805.6500	PMF Walker Run	3218.10	662.08	668.58	665.78	668.64	0.002700	4.92	1862.28	857.44	0.38
WalkerrunTR#1_2	UnnamedTR#1_2	659.9268	PMF Walker Run	3218.10	662.51	668.29	664.70	668.35	0.002255	4.37	2078.14	504.57	0.32
WalkerrunTR#1_2	UnnamedTR#1_2	482.9771	PMF Walker Run	3218.10	660.00	667.92	663.93	667.96	0.001550	4.53	2282.85	425.87	0.28
WalkerrunTR#1_2	UnnamedTR#1_2	361.9543	PMF Walker Run	3218.10	660.86	667.72	664.28	667.79	0.001917	4.82	2042.14	398.15	0.31
WalkerrunTR#1_1	UnnamedTR#1_1	1614.092	PMF Walker Run	4940.90	658.00	667.36	662.81	667.53	0.000451	2.10	1687.30	277.74	0.12
WalkerrunTR#1_1	UnnamedTR#1_1	1447.257	PMF Walker Run	4940.90	658.92	667.33		667.42	0.000778	2.78	2482.87	350.27	0.16
WalkerrunTR#1_1	UnnamedTR#1_1	1299.731	PMF Walker Run	4940.90	657.86	667.25		667.31	0.000881	2.82	2980.56	382.18	0.17
WalkerrunTR#1_1	UnnamedTR#1_1	1225.459	PMF Walker Run	4940.90	658.00	667.21		667.27	0.000321	1.91	3358.71	394.46	0.10
WalkerrunTR#1_1	UnnamedTR#1_1	1120.112	PMF Walker Run	4940.90	655.55	667.21		667.24	0.000168	1.87	4201.57	529.92	0.10
WalkerrunTR#1_1	UnnamedTR#1_1	995.4287	PMF Walker Run	4940.90	655.00	667.22	658.53	667.22	0.000040	0.92	7762.71	1201.51	0.05
WalkerrunTR#1_1	UnnamedTR#1_1	741.0195	PMF Walker Run	4940.90	654.70	667.20	658.00	667.21	0.000055	0.86	7323.16	1374.71	0.04
WalkerrunTR#1_1	UnnamedTR#1_1	634.8031	PMF Walker Run	4940.90	654.00	667.20	657.12	667.20	0.000038	0.95	6818.80	1405.93	0.05
WalkerRun	WalkerUP	19911.64	PMF Walker Run	16398.00	798.60	812.63	807.80	813.62	0.010454	13.36	2872.19	308.45	0.60
WalkerRun	WalkerUP	19561.58	PMF Walker Run	16398.00	795.58	812.41		813.18	0.012122	8.84	2634.05	281.05	0.39
WalkerRun	WalkerUP	19398.30	PMF Walker Run	16398.00	783.23	808.78		811.31	0.011769	13.72	2304.88	219.78	0.60
WalkerRun	WalkerUP	19310.58	PMF Walker Run	16398.00	789.05	805.69	804.90	809.88	0.017106	23.60	1824.24	173.83	1.04
WalkerRun	WalkerUP	19250.46	PMF Walker Run	16398.00	786.77	803.39	803.39	808.74	0.018521	25.45	1652.84	167.44	1.11
WalkerRun	WalkerUP	19185.00	PMF Walker Run	16398.00	784.11	801.49	799.88	803.53	0.025935	15.80	1809.67	187.91	0.69
WalkerRun	WalkerUP	19091.72	PMF Walker Run	16398.00	781.11	800.27		801.79	0.013501	11.14	2001.92	198.23	0.49
WalkerRun	WalkerUP	19023.88	PMF Walker Run	16398.00	778.93	799.52		800.74	0.017256	10.00	2102.69	203.44	0.44
WalkerRun	WalkerUP	18953.02	PMF Walker Run	16398.00	773.44	795.93		797.60	0.019270	11.84	1890.94	198.67	0.51
WalkerRun	WalkerUP	18745.33	PMF Walker Run	16398.00	769.86	789.92	789.92	794.94	0.024428	18.82	1164.02	143.43	0.87
WalkerRun	WalkerUP	18600.30	PMF Walker Run	16398.00	765.32	786.05	784.25	789.89	0.030399	16.15	1169.22	121.57	0.75
WalkerRun	WalkerUP	18542.30	PMF Walker Run	16398.00	763.45	784.28	781.73	787.86	0.037348	15.48	1147.86	105.49	0.72
WalkerRun	WalkerUP	18491.74	PMF Walker Run	16398.00	761.83	779.95	779.95	784.84	0.068968	17.92	917.81	86.05	1.00
WalkerRun	WalkerUP	18403.28	PMF Walker Run	16398.00	758.42	775.50	773.22	778.39	0.027915	17.31	1245.86	117.22	0.74
WalkerRun	WalkerUP	18302.01	PMF Walker Run	16398.00	753.84	773.82		776.84	0.017909	14.92	1341.85	88.93	0.62
WalkerRun	WalkerUP	18231.28	PMF Walker Run	16398.00	753.36	768.83	768.83	774.74	0.044484	20.82	930.56	85.12	0.97
WalkerRun	WalkerUP	18160.01	PMF Walker Run	16398.00	751.17	768.22	766.29	771.83	0.019294	15.84	1308.48	125.58	0.76
WalkerRun	WalkerUP	18125.69	PMF Walker Run	16398.00	750.06	768.24		770.63	0.021645	13.70	1574.22	159.88	0.62
WalkerRun	WalkerUP	18073.39	PMF Walker Run	16398.00	749.96	768.03		769.58	0.011511	10.73	1935.21	187.47	0.45
WalkerRun	WalkerUP	17921.22	PMF Walker Run	16398.00	748.80	765.73		767.85	0.010781	12.67	1753.74	180.25	0.56
WalkerRun	WalkerUP	17804.12	PMF Walker Run	16398.00	748.34	765.77		766.54	0.006001	7.33	2581.88	202.32	0.31
WalkerRun	WalkerUP	17626.91	PMF Walker Run	16398.00	743.73	763.74		764.89	0.016389	10.10	2185.31	203.26	0.44
WalkerRun	WalkerUP	17432.58	PMF Walker Run	16398.00	740.11	761.52		762.34	0.009795	8.81	2583.48	211.97	0.38
WalkerRun	WalkerUP	17301.94	PMF Walker Run	16398.00	739.02	760.48		761.15	0.009069	7.59	2725.82	201.09	0.31
WalkerRun	WalkerUP	17166.54	PMF Walker Run	16398.00	738.80	759.54	752.88	760.08	0.009447	7.80	3022.13	272.27	0.33
WalkerRun	WalkerUP	17132.36 Bridge # 8		Culvert									
WalkerRun	WalkerUP	17100.09	PMF Walker Run	16398.00	737.83	759.28	752.59	759.84	0.011292	8.07	2857.58	254.59	0.34
WalkerRun	WalkerUP	16953.10	PMF Walker Run	16398.00	735.14	756.94		757.95	0.012251	8.73	2280.78	180.68	0.41
WalkerRun	WalkerUP	16840.82	PMF Walker Run	16398.00	733.24	755.74		756.62	0.010897	7.91	2325.97	177.53	0.34
WalkerRun	WalkerUP	16620.82	PMF Walker Run	16398.00	729.51	752.28		753.63	0.016886	10.11	1983.95	168.01	0.43
WalkerRun	WalkerUP	16561.52	PMF Walker Run	16398.00	729.50	751.51	745.73	752.59	0.015605	9.82	2108.57	175.87	0.39
WalkerRun	WalkerUP	16548.63 Bridge # 7		Culvert									
WalkerRun	WalkerUP	16524.95	PMF Walker Run	16398.00	728.50	748.68	746.59	751.09	0.027782	11.59	1911.77	198.94	0.86
WalkerRun	WalkerUP	16414.53	PMF Walker Run	16398.00	726.48	746.93		748.71	0.017707	12.63	1932.96	188.26	0.52
WalkerRun	WalkerUP	16324.88	PMF Walker Run	16398.00	724.05	741.42	741.42	746.02	0.046269	20.98	1238.78	134.40	0.86
WalkerRun	WalkerUP	16204.09	PMF Walker Run	16398.00	722.09	735.90	735.32	740.02	0.044002	17.42	1131.26	128.48	0.86
WalkerRun	WalkerUP	15980.03	PMF Walker Run	16398.00	715.41	728.11		732.00	0.027118	15.37	1457.84	159.29	0.76
WalkerRun	WalkerUP	15788.70	PMF Walker Run	19663.30	707.63	724.87		726.50	0.027934	11.12	2051.23	184.39	0.53
WalkerRun	WalkerUP	15590.49	PMF Walker Run	19663.30	702.89	718.58		723.05	0.028299	10.01	2212.44	218.00	0.52
WalkerRun	WalkerUP	15414.40	PMF Walker Run	19663.30	698.88	713.53		715.82	0.026882	12.21	1838.20	203.81	0.55
WalkerRun	WalkerUP	15294.67	PMF Walker Run	19663.30	698.76	710.49		712.08	0.026893	10.07	1971.97	188.85	0.56
WalkerRun	WalkerUP	15184.69	PMF Walker Run	19663.30	691.54	706.24		707.32	0.021120	8.69	2409.88	214.87	0.49
WalkerRun	WalkerUP	14806.59	PMF Walker Run	19663.30	680.68	694.48		698.91	0.069316	12.69	1613.83	211.60	0.78
WalkerRun	WalkerUP	14514.33	PMF Walker Run	19663.30	672.72	687.88		688.50	0.014296	7.59	2845.03	281.24	0.36
WalkerRun	WalkerUP	14202.98	PMF Walker Run	19663.30	667.99	683.75		684.84	0.010479	8.93	2487.76	330.20	0.46
WalkerRun	WalkerUP	14138.52	PMF Walker Run	19663.30	667.24	683.01	680.17	684.10	0.011182	8.46	2587.70	338.80	0.42
WalkerRun	WalkerUP	14124.54 Bridge # 6		Culvert									
WalkerRun	WalkerUP	14088.52	PMF Walker Run	19663.30	665.36	682.36	676.79	682.86	0.003716	6.85	3417.27	372.92	0.33
WalkerRun	WalkerUP	13928.43	PMF Walker Run	19663.30	666.44	681.77		682.40	0.003772	10.20	3975.31	387.15	0.46
WalkerRun	WalkerUP	13830.25	PMF Walker Run	19663.30	665.20	681.46		681.99	0.003745	10.38	4282.87	465.42	0.47
WalkerRun	WalkerUP	13756.91	PMF Walker Run	19663.30	668.87	681.17		681.67	0.005251	11.18	4354.10	420.22	0.56
WalkerRun	WalkerUP	13721.37	PMF Walker Run	19663.30	669.25	681.02		681.48	0.004577	10.85	4538.23	414.38	0.53
WalkerRun	WalkerUP	13632.93	PMF Walker Run	19663.30	668.08	680.67		681.07	0.004281	10.74	4885.78	475.30	0.51
WalkerRun	WalkerUP	13518.81	PMF Walker Run	19663.30	663.32	680.18		680.69	0.004582	11.78	4518.97	474.44	0.52
WalkerRun	WalkerUP	13352.86	PMF Walker Run	19492.30	664.87	679.49	673.54	679.85	0.005266	7.48	4622.42	520.69	0.36
WalkerRun	WalkerUP	13067.28	PMF Walker Run	19492.30	662.80	678.50		678.82	0.004917	7.51	4847.67	507.78	0.35
WalkerRun	WalkerUP	12922.58	PMF Walker Run	19492.30	663.83	676.93	672.30	677.31	0.006003	8.48	4380.86	531.47	0.44
WalkerRun	WalkerUP	12790.74		Bridge									
WalkerRun	WalkerUP	12764.15	PMF Walker Run	19492.30	661.96	675.60	672.92	676.22	0.018756	10.38	3506.97	528.97	0.54
WalkerRun	WalkerUP	12621.48	PMF Walker Run	19492.30	664.33	671.88	671.88	674.18	0.011553	4.14	1938.11	478.42	0.29
WalkerRun	WalkerUP	12484.20	PMF Walker Run	19492.30	661.68	671.20	669.78	672.15	0.005853	11.08	2684.08	508.37	0.70
WalkerRun	WalkerUP	12378.40	PMF Walker Run	19492.30	663.59	670.93		671.51	0.003823	5.58	3181.12	529.82	0.38
WalkerRun	WalkerUP	12288.75	PMF Walker Run	19492.30	661.00	670.79		671.25	0.002956	2.57	3648.88	592.61	0.15
WalkerRun	WalkerUP	12223.88	PMF Walker Run	19492.30	658.32	670.43		670.99	0.005084	3.85	3305.57	795.80	0.33
WalkerRun	WalkerUP	12125.81	PMF Walker Run	19492.30	658.00	669.62	666.78	670.42	0.006619	3.62	2900.60	597.10	0.21
WalkerRun	WalkerUP	12005.32	PMF Walker Run	19492.30	658.58	669.11		669.89	0.003312	2.49	2957.50	397.44	0.15
WalkerRun	WalkerUP	11827.50	PMF Walker Run	19492.30	659.70	668.67		669.20	0.002859	5.19	3490.82	437.05	0.30
WalkerRun	WalkerUP	11681.35	PMF Walker Run	19492.30	657.08	668.10	664.83	668.72	0.005131	9.39	3235.84	484.98	0.63
WalkerRun	WalkerUP	11607.94	PMF Walker Run	19492.30	656.73	667.78	664.17	668.36	0.003859	6.49	3398.35	471.31	0.37
WalkerRun	WalkerUP	11513.03	PMF Walker Run	19492.30	655.66	667.57	663.56	667.98	0.003182	7.02	3898.70	505.24	0.39

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Table B-2: HEC-RAS Standard PMF Profile With Blocked Bridges Output Table for Walker Run Upstream, Downstream, Tributary #1, and Tributary #2, Continued.

HEC-RAS Plan: BlockedB Profile: PMF Walker Run (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
WalkerRun	WalkerUP	11424.58	PMF Walker Run	19492.30	655.00	667.35	663.11	667.78	0.003247	7.17	3894.07	515.75	0.39
WalkerRun	WalkerUP	11363.19	PMF Walker Run	19492.30	655.00	667.35	662.43	667.59	0.001556	5.41	4985.84	889.54	0.29
WalkerRun	WalkerUP	11351.37		Bridge									
WalkerRun	WalkerUP	11331.06	PMF Walker Run	19492.30	655.18	667.20	662.48	667.44	0.001763	5.60	5018.36	787.55	0.30
WalkerRun	WalkerUP	11257.47	PMF Walker Run	19492.30	654.41	667.13	661.39	667.30	0.001268	4.11	5969.80	1063.42	0.21
WalkerRun	WalkerUP	11070.75	PMF Walker Run	19492.30	653.79	667.14	659.20	667.19	0.000347	2.19	10347.81	1584.89	0.11
WalkerRun	WalkerUP	10926.40	PMF Walker Run	19492.30	654.00	667.10	659.05	667.14	0.000233	1.79	12908.26	2000.85	0.09
WalkerRun	WalkerUP	10828.10	PMF Walker Run	19492.30	653.86	667.10	658.24	667.12	0.000152	1.47	15526.94	2428.11	0.07
WalkerRun	WalkerDS	10497.04	PMF Walker Run	24963.50	651.00	666.97	658.35	667.02	0.000696	4.37	16736.79	3044.86	0.20
WalkerRun	WalkerDS	10308.74	PMF Walker Run	24963.50	651.27	666.89	657.67	666.93	0.000808	4.33	17304.71	3202.48	0.20
WalkerRun	WalkerDS	10249.93	PMF Walker Run	24963.50	650.80	666.86	656.80	666.89	0.000575	1.92	18943.97	4226.32	0.09
WalkerRun	WalkerDS	9918.370	PMF Walker Run	24963.50	649.39	666.58	657.81	666.64	0.001455	2.85	13060.86	2120.89	0.13
WalkerRun	WalkerDS	9217.673	PMF Walker Run	24963.50	646.83	665.74	657.00	665.83	0.001381	3.52	11218.97	1690.19	0.15
WalkerRun	WalkerDS	9034.765	PMF Walker Run	24963.50	646.16	665.37	659.36	665.51	0.002000	4.41	9072.88	1304.62	0.19
WalkerRun	WalkerDS	8812.377	PMF Walker Run	24963.50	645.35	665.08	655.57	665.24	0.000880	2.23	8114.43	724.25	0.10
WalkerRun	WalkerDS	8786.729 Bridge #3		Culvert									
WalkerRun	WalkerDS	8761.583	PMF Walker Run	24963.50	645.46	664.87	655.78	665.09	0.001076	2.41	7005.21	571.93	0.11
WalkerRun	WalkerDS	8567.727	PMF Walker Run	27835.40	644.87	664.34	656.73	664.73	0.003805	4.84	5899.29	566.04	0.20
WalkerRun	WalkerDS	8276.200	PMF Walker Run	27835.40	643.47	663.32	657.25	663.85	0.004085	6.46	5143.55	557.74	0.28
WalkerRun	WalkerDS	8159.365	PMF Walker Run	27835.40	642.99	662.78	656.77	663.43	0.003854	7.96	4967.67	479.31	0.34
WalkerRun	WalkerDS	8113.091	PMF Walker Run	27835.40	642.79	662.38	657.13	663.23	0.003753	8.31	4592.88	441.78	0.41
WalkerRun	WalkerDS	8069.461	PMF Walker Run	27835.40	642.62	662.10	656.92	663.04	0.004281	10.21	4377.39	413.38	0.44
WalkerRun	WalkerDS	7850.359	PMF Walker Run	27835.40	641.71	660.75	657.07	661.86	0.005624	12.05	3543.55	424.37	0.51
WalkerRun	WalkerDS	7663.904	PMF Walker Run	27835.40	640.95	660.13	655.00	661.05	0.003911	9.62	3871.29	373.59	0.42
WalkerRun	WalkerDS	7457.718	PMF Walker Run	27835.40	640.10	658.26	655.01	659.77	0.011760	10.66	2698.96	325.77	0.51
WalkerRun	WalkerDS	7199.865	PMF Walker Run	27835.40	639.04	655.89	652.58	656.98	0.008064	8.88	3887.62	483.88	0.43
WalkerRun	WalkerDS	7074.171	PMF Walker Run	27835.40	638.52	655.83	650.37	656.27	0.002759	6.09	5399.56	1044.82	0.29
WalkerRun	WalkerDS	6900.336	PMF Walker Run	27835.40	637.81	655.49	649.39	655.85	0.002028	6.08	6363.13	1189.78	0.29
WalkerRun	WalkerDS	6737.756	PMF Walker Run	27835.40	637.14	655.23	649.70	655.52	0.002224	5.33	6759.80	1669.31	0.23
WalkerRun	WalkerDS	6658.520	PMF Walker Run	27835.40	636.81	655.22	647.93	655.32	0.001094	2.62	11747.89	1870.11	0.12
WalkerRun	WalkerDS	6638.740 Bridge #2		Culvert									
WalkerRun	WalkerDS	6600.763	PMF Walker Run	31569.00	637.33	654.46	649.02	654.66	0.002065	4.33	9703.77	1584.17	0.19
WalkerRun	WalkerDS	6373.925	PMF Walker Run	31569.00	636.86	653.94	647.20	654.23	0.001984	4.39	7499.37	1757.53	0.21
WalkerRun	WalkerDS	6046.422	PMF Walker Run	31569.00	635.77	653.00	648.57	653.47	0.004432	5.26	5774.29	2013.82	0.25
WalkerRun	WalkerDS	5927.270	PMF Walker Run	31569.00	635.44	652.54	648.59	653.02	0.003451	6.87	5905.25	2218.22	0.33
WalkerRun	WalkerDS	5788.212	PMF Walker Run	31569.00	634.99	652.16	648.98	652.51	0.002618	6.88	7205.19	2445.73	0.33
WalkerRun	WalkerDS	5292.004	PMF Walker Run	31569.00	633.62	651.22	648.10	651.54	0.002144	8.13	7970.01	2980.85	0.29
WalkerRun	WalkerDS	4955.817	PMF Walker Run	31569.00	632.70	649.77	646.28	650.38	0.006018	9.03	6458.64	3233.84	0.41
WalkerRun	WalkerDS	4574.564	PMF Walker Run	31569.00	631.63	648.39	646.10	648.82	0.004627	7.25	6985.20	3821.77	0.36
WalkerRun	WalkerDS	4421.695	PMF Walker Run	31569.00	631.13	647.34	645.15	648.01	0.006687	7.90	5476.30	3634.18	0.39
WalkerRun	WalkerDS	4130.464	PMF Walker Run	31569.00	621.98	642.03	639.77	644.49	0.028212	12.78	2655.46	1760.89	0.67
WalkerRun	WalkerDS	3902.181	PMF Walker Run	31569.00	615.67	637.03	633.15	638.38	0.018082	12.29	2570.98	383.25	0.63
WalkerRun	WalkerDS	3508.521	PMF Walker Run	31569.00	603.95	625.89		629.31	0.037921	14.83	2128.24	163.72	0.73
WalkerRun	WalkerDS	3205.202	PMF Walker Run	31569.00	594.92	617.14		620.42	0.023159	14.54	2171.38	179.96	0.74
WalkerRun	WalkerDS	2754.088	PMF Walker Run	31569.00	581.49	603.13		608.79	0.040854	15.36	2056.82	169.84	0.78
WalkerRun	WalkerDS	2508.476	PMF Walker Run	31569.00	574.18	596.42		599.28	0.022487	13.53	2334.07	195.14	0.69
WalkerRun	WalkerDS	2131.508	PMF Walker Run	31569.00	562.86	586.91		589.12	0.031417	11.94	2643.72	218.45	0.60
WalkerRun	WalkerDS	1609.110	PMF Walker Run	31569.00	547.41	568.69		570.79	0.039284	11.62	2717.28	253.41	0.63
WalkerRun	WalkerDS	1127.024	PMF Walker Run	31569.00	533.06	554.09	554.09	556.10	0.023874	13.04	3251.51	1752.55	0.64
WalkerRun	WalkerDS	847.3264	PMF Walker Run	31569.00	524.73	543.14	544.48	548.65	0.047260	18.18	2383.25	1748.83	0.90
WalkerRun	WalkerDS	682.6949	PMF Walker Run	31569.00	519.83	539.41	536.99	540.25	0.007942	8.75	4812.55	2022.00	0.43
WalkerRun	WalkerDS	623.7700	PMF Walker Run	31569.00	518.08	539.12	536.12	539.89	0.007291	8.18	5302.56	2223.60	0.36
WalkerRun	WalkerDS	569.1188 Bridge #1		Bridge									
WalkerRun	WalkerDS	527.8577	PMF Walker Run	31569.00	515.78	536.83	533.24	537.01	0.003480	6.78	8524.40	2698.87	0.35
WalkerRun	WalkerDS	383.5564	PMF Walker Run	31569.00	507.64	536.81		536.81	0.000019	0.59	63176.56	3470.66	0.02
WalkerRun	WalkerDS	195.4284	PMF Walker Run	31569.00	500.11	536.81	500.25	536.81	0.000003	0.26	128811.20	4564.35	0.01

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Table B-3: HEC-RAS Standard PMF Profile With Landslide Output Table for Walker Run Upstream, Downstream, Tributary #1, and Tributary #2

HEC-RAS Plan: Landslide Profile: PMF Walker Run

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
WalkerTR#2	UnnamedTR#2_1	1645.505	PMF Walker Run	925.50	711.61	715.03	715.03	716.37	0.025103	10.37	152.17	70.21	1.00
WalkerTR#2	UnnamedTR#2_1	1336.411	PMF Walker Run	925.50	701.60	705.41	705.07	708.13	0.017988	8.89	148.87	80.05	0.76
WalkerTR#2	UnnamedTR#2_1	1213.468	PMF Walker Run	925.50	698.55	698.91	698.91	701.48	0.111027	18.47	125.83	86.72	1.99
WalkerTR#2	UnnamedTR#2_1	1056.754	PMF Walker Run	925.50	688.08	695.98	692.68	695.97	0.000919	3.08	928.26	266.42	0.21
WalkerTR#2	UnnamedTR#2_1	944.3659	PMF Walker Run	925.50	686.00	695.93	688.51	695.94	0.000041	0.80	2042.18	398.99	0.06
WalkerTR#2	UnnamedTR#2_1	843.3697	PMF Walker Run	925.50	684.37	695.93	686.89	695.93	0.000064	1.02	2469.34	388.34	0.06
WalkerTR#2	UnnamedTR#2_1	743.3789	PMF Walker Run	925.50	682.74	695.92	684.45	695.93	0.000030	0.80	2058.31	428.86	0.03
WalkerTR#2	UnnamedTR#2_1	722		Culvert									
WalkerTR#2	UnnamedTR#2_1	149.8818	PMF Walker Run	925.50	683.05	671.48	684.17	671.48	0.000080	0.66	1367.75	639.33	0.06
WalkerTR#2	UnnamedTR#2_1	53.11884	PMF Walker Run	925.50	680.11	671.49	681.08	671.49	0.000010	0.34	3804.94	814.77	0.02
WalkerrunTR#1_2	UnnamedTR#1_2	2594.424	PMF Walker Run	3218.10	676.38	682.18	681.47	682.98	0.027753	10.57	846.57	245.30	0.83
WalkerrunTR#1_2	UnnamedTR#1_2	2285.087	PMF Walker Run	3218.10	673.97	679.28	676.02	679.38	0.005788	4.35	1410.38	1144.37	0.36
WalkerrunTR#1_2	UnnamedTR#1_2	1939.830	PMF Walker Run	3218.10	672.86	674.18	673.50	674.82	0.054894	3.43	851.23	1343.86	0.50
WalkerrunTR#1_2	UnnamedTR#1_2	1687.279	PMF Walker Run	3218.10	668.66	673.92	670.97	673.98	0.003422	4.81	1913.86	981.74	0.38
WalkerrunTR#1_2	UnnamedTR#1_2	1471.046	PMF Walker Run	3218.10	667.00	672.77	669.59	672.88	0.004401	5.71	1830.43	458.17	0.44
WalkerrunTR#1_2	UnnamedTR#1_2	1289.473	PMF Walker Run	3218.10	665.00	672.02	667.91	672.13	0.002880	5.82	1788.33	354.93	0.38
WalkerrunTR#1_2	UnnamedTR#1_2	1098.944	PMF Walker Run	3218.10	664.00	671.78	666.85	671.80	0.001213	1.79	2884.97	1052.30	0.12
WalkerrunTR#1_2	UnnamedTR#1_2	805.6500	PMF Walker Run	3218.10	662.00	671.63	665.47	671.64	0.000388	1.58	3495.69	950.32	0.09
WalkerrunTR#1_2	UnnamedTR#1_2	688.9208	PMF Walker Run	3218.10	662.00	671.59	664.47	671.60	0.000337	1.10	3881.72	874.68	0.08
WalkerrunTR#1_2	UnnamedTR#1_2	482.8771	PMF Walker Run	3218.10	660.00	671.52	663.93	671.54	0.000297	2.55	3811.32	434.05	0.12
WalkerrunTR#1_2	UnnamedTR#1_2	351.8543	PMF Walker Run	3218.10	660.88	671.48	664.28	671.50	0.000323	2.54	3540.88	404.88	0.14
WalkerrunTR#1_1	UnnamedTR#1_1	1614.092	PMF Walker Run	4940.80	658.00	671.40	662.85	671.45	0.000092	1.56	2886.53	454.04	0.08
WalkerrunTR#1_1	UnnamedTR#1_1	1447.257	PMF Walker Run	4940.80	658.92	671.39	661.65	671.43	0.000203	1.81	4127.21	445.50	0.08
WalkerrunTR#1_1	UnnamedTR#1_1	1299.731	PMF Walker Run	4940.80	657.12	671.36	661.71	671.40	0.000230	2.42	4589.32	395.99	0.12
WalkerrunTR#1_1	UnnamedTR#1_1	1225.450	PMF Walker Run	4940.80	656.00	671.36	660.21	671.38	0.000090	1.28	5020.31	407.98	0.08
WalkerrunTR#1_1	UnnamedTR#1_1	1129.112	PMF Walker Run	4940.80	655.55	671.36	659.62	671.37	0.000044	1.04	8460.96	582.28	0.05
WalkerrunTR#1_1	UnnamedTR#1_1	895.4287	PMF Walker Run	4940.80	655.00	671.37	658.53	671.37	0.000012	0.62	11090.47	1219.78	0.03
WalkerrunTR#1_1	UnnamedTR#1_1	741.0185	PMF Walker Run	4940.80	654.70	671.38	657.85	671.38	0.000018	0.43	10311.34	1397.81	0.02
WalkerrunTR#1_1	UnnamedTR#1_1	624.6831	PMF Walker Run	4940.80	654.00	671.36	657.00	671.38	0.000013	0.60	12025.27	1428.38	0.03
WalkerRun	WalkerUP	19611.64	PMF Walker Run	18396.00	798.65	812.63	807.60	813.62	0.010452	13.38	2872.32	309.46	0.86
WalkerRun	WalkerUP	19591.58	PMF Walker Run	18396.00	795.58	812.41	805.01	813.18	0.012120	8.84	2634.21	261.08	0.38
WalkerRun	WalkerUP	19388.30	PMF Walker Run	18396.00	793.23	809.77	806.10	811.31	0.011763	13.72	2305.32	219.78	0.66
WalkerRun	WalkerUP	19310.59	PMF Walker Run	18396.00	789.05	806.01	804.90	809.89	0.017008	23.55	1928.28	173.98	1.04
WalkerRun	WalkerUP	19250.48	PMF Walker Run	18396.00	788.77	803.39	803.39	808.74	0.018521	25.45	1852.64	187.44	1.11
WalkerRun	WalkerUP	19185.00	PMF Walker Run	18396.00	784.11	801.49	798.88	803.53	0.025935	15.60	1809.87	187.81	0.88
WalkerRun	WalkerUP	19091.72	PMF Walker Run	18396.00	781.11	800.27	795.29	801.79	0.013501	11.14	2001.92	189.23	0.48
WalkerRun	WalkerUP	19023.89	PMF Walker Run	18396.00	778.93	799.52	794.30	800.74	0.017256	10.00	2102.89	203.44	0.44
WalkerRun	WalkerUP	18853.02	PMF Walker Run	18396.00	773.44	795.93	792.02	797.60	0.019270	11.84	1890.94	189.87	0.51
WalkerRun	WalkerUP	18745.33	PMF Walker Run	18396.00	768.98	789.92	789.92	794.94	0.024428	18.92	1184.07	143.43	0.87
WalkerRun	WalkerUP	18600.30	PMF Walker Run	18396.00	765.32	788.05	784.25	789.89	0.030399	18.15	1169.22	121.57	0.76
WalkerRun	WalkerUP	18542.30	PMF Walker Run	18396.00	763.45	784.28	781.73	787.86	0.037348	15.49	1147.00	105.49	0.72
WalkerRun	WalkerUP	18491.74	PMF Walker Run	18396.00	761.83	779.95	779.95	784.94	0.089969	17.82	917.81	95.05	1.09
WalkerRun	WalkerUP	18403.28	PMF Walker Run	18396.00	758.42	775.50	773.22	778.39	0.027805	17.31	1245.99	117.27	0.74
WalkerRun	WalkerUP	18302.01	PMF Walker Run	18396.00	753.94	773.83	768.43	778.94	0.017899	14.62	1342.13	98.94	0.62
WalkerRun	WalkerUP	18231.29	PMF Walker Run	18396.00	753.38	768.62	768.62	774.74	0.044571	20.63	928.89	85.10	0.97
WalkerRun	WalkerUP	18160.01	PMF Walker Run	18396.00	751.17	768.22	766.29	771.63	0.019290	15.64	1309.31	125.59	0.75
WalkerRun	WalkerUP	18125.69	PMF Walker Run	18396.00	750.06	768.24	765.38	770.83	0.021652	13.70	1574.02	150.98	0.62
WalkerRun	WalkerUP	18073.39	PMF Walker Run	18396.00	748.98	768.03	761.68	768.59	0.011515	10.73	1934.98	187.48	0.46
WalkerRun	WalkerUP	17921.22	PMF Walker Run	18396.00	748.80	765.73	761.86	767.85	0.010789	12.67	1753.18	180.24	0.56
WalkerRun	WalkerUP	17804.12	PMF Walker Run	18396.00	748.34	765.78	756.37	768.53	0.008008	7.33	2581.18	202.38	0.31
WalkerRun	WalkerUP	17629.91	PMF Walker Run	18396.00	743.73	763.73	759.29	764.88	0.016417	10.10	2163.98	203.29	0.44
WalkerRun	WalkerUP	17432.59	PMF Walker Run	18396.00	740.11	761.51	754.41	762.33	0.009824	8.82	2580.80	211.91	0.38
WalkerRun	WalkerUP	17301.84	PMF Walker Run	18396.00	739.03	760.48	751.93	761.14	0.008097	7.60	2722.39	201.02	0.31
WalkerRun	WalkerUP	17168.54	PMF Walker Run	18396.00	738.80	759.52	752.88	760.08	0.009500	7.95	3016.37	272.15	0.33
WalkerRun	WalkerUP	17132.38 Bridge # 8		Culvert									
WalkerRun	WalkerUP	17100.09	PMF Walker Run	18396.00	737.63	759.23	752.59	758.81	0.011383	8.10	2849.73	254.41	0.34
WalkerRun	WalkerUP	16953.10	PMF Walker Run	18396.00	735.14	756.89	750.87	757.90	0.012414	8.77	2270.38	180.51	0.41
WalkerRun	WalkerUP	16840.92	PMF Walker Run	18396.00	733.24	755.88	747.98	756.55	0.011088	7.85	2312.10	177.27	0.34
WalkerRun	WalkerUP	16620.92	PMF Walker Run	18396.00	729.51	752.07	747.07	753.48	0.017804	10.29	1925.97	167.23	0.44
WalkerRun	WalkerUP	16581.52	PMF Walker Run	18396.00	728.50	751.22	745.73	752.38	0.016702	8.85	2059.41	174.18	0.41
WalkerRun	WalkerUP	16548.63 Bridge # 7		Culvert									
WalkerRun	WalkerUP	16524.95	PMF Walker Run	18396.00	728.50	749.68	746.59	751.09	0.027782	11.58	1811.77	196.94	0.56
WalkerRun	WalkerUP	16414.53	PMF Walker Run	18396.00	728.49	748.93	741.86	748.71	0.017707	12.53	1832.85	189.28	0.57
WalkerRun	WalkerUP	16324.98	PMF Walker Run	18396.00	724.05	741.42	741.42	748.02	0.048289	20.89	1238.79	134.40	0.96
WalkerRun	WalkerUP	16204.09	PMF Walker Run	18396.00	722.09	735.78	735.32	740.02	0.044024	17.42	1131.08	126.47	0.89
WalkerRun	WalkerUP	15980.03	PMF Walker Run	18396.00	715.41	728.11	727.42	732.00	0.027118	15.27	1457.84	156.28	0.76
WalkerRun	WalkerUP	15788.70	PMF Walker Run	18663.30	707.03	724.97	720.93	726.50	0.027834	11.12	2051.23	194.38	0.52
WalkerRun	WalkerUP	15598.49	PMF Walker Run	18663.30	702.69	718.58	715.67	720.85	0.029290	10.01	2212.45	218.00	0.52
WalkerRun	WalkerUP	15414.49	PMF Walker Run	18663.30	698.88	713.53	711.19	715.67	0.028985	12.21	1839.20	203.81	0.66
WalkerRun	WalkerUP	15294.67	PMF Walker Run	18663.30	698.78	710.49	708.90	712.08	0.026103	10.08	1971.52	198.84	0.59
WalkerRun	WalkerUP	15104.89	PMF Walker Run	18663.30	691.54	708.22	700.92	707.30	0.021221	8.00	2405.84	214.81	0.46
WalkerRun	WalkerUP	14906.59	PMF Walker Run	18663.30	690.68	694.51	693.19	698.92	0.068279	12.82	1621.63	211.80	0.72
WalkerRun	WalkerUP	14514.33	PMF Walker Run	18663.30	672.72	687.58	681.53	688.41	0.014694	7.86	2818.98	280.84	0.37
WalkerRun	WalkerUP	14302.96	PMF Walker Run	18663.30	667.99	683.64	679.68	684.75	0.010281	8.70	2454.87	312.59	0.46
WalkerRun	WalkerUP	14139.52	PMF Walker Run	18663.30	667.24	682.88	680.17	684.01	0.011793	8.52	2543.09	338.07	0.43
WalkerRun	WalkerUP	14124.54 Bridge # 6		Culvert									
WalkerRun	WalkerUP	14089.52	PMF Walker Run	18663.30	665.36	682.28	678.79	682.97	0.003624	6.72	3381.14	372.07	0.33
WalkerRun	WalkerUP	13929.43	PMF Walker Run	18663.30	668.44	681.65	678.20	682.30	0.003807	10.32	3929.99	386.25	0.48
WalkerRun	WalkerUP	13830.25	PMF Walker Run	18663.30	665.20	681.35	675.74	681.90	0.003489	8.97	4234.58	456.21	0.46
WalkerRun	WalkerUP	13756.91	PMF Walker Run	18663.30	668.67	681.08	674.47	681.58	0.005413	11.37	4312.26	419.35	0.57
WalkerRun	WalkerUP	13721.37	PMF Walker Run	18663.30	668.25	680.92	674.16	681.39	0.004718	10.75	4494.92	413.57	0.54
WalkerRun	WalkerUP	13632.93	PMF Walker Run	18663.30	668.08	680.55	673.84	680.98	0.004415	10.67	4829.61	473.82	0.62
WalkerRun	WalkerUP	13518.61	PMF Walker Run	18663.30	663.32	679.98	674.90	680.56	0.004784	12.00	4449.21	472.57	0.54
WalkerRun	WalkerUP	13352.65	PMF Walker Run	19482.30	664.62	678.30	673.53	679.66	0.005658	7.60	4530.39	519.84	0.36
WalkerRun	WalkerUP	13087.28	PMF Walker Run	19482.30	662.90	678.22	672.34	678.55	0.005380	7.75	4705.21	501.80	0.38
WalkerRun	WalkerUP	13022.58	PMF Walker Run	19482.30	663.63	676.38	672.30	678.82	0.011134	8.11	4097.40	527.56	0.48
WalkerRun	WalkerUP	12790.74		Bridge									
WalkerRun	WalkerUP	12784.15	PMF Walker Run	19482.30	661.96	674.50	672.82	675.42	0.032122	12.70	2930.75	520.16	0.70
WalkerRun	WalkerUP	12621.48	PMF Walker Run	19482.30	664.33	672.63	671.88	673.87	0.007770	3.83	2345.88	484.97	0.23
WalkerRun	WalkerUP	12494.20	PMF Walker Run	19482.30	661.69	672.65	669.86	673.23	0.002757	6.29	3328.28	519.89	0.46
WalkerRun	WalkerUP	12378.40	PMF Walker Run	19482.30	663.59	672.66	668.22	672.92	0.001777	4.40	4073.47	559.89	0.27
WalkerRun	WalkerUP	12289.75	PMF Walker Run	19482.30	661.00	672.51	667.55	672.79	0.001333	1.90	4701.59	624.62	0.10
WalkerRun	WalkerUP	12223.99	PMF Walker Run	19482.30	658.52	672.43	668.18	672.58	0.001748	2.59	5012.86	868.87	0.14
WalkerRun	WalkerUP	12126.61	PMF Walker Run	19482.30	658.00	672.20	666.78	672.51	0.001820	2.25	4718.58	693.81	0.11
WalkerRun	WalkerUP	12005.02	PMF Walker Run	19482.30	658.58	671.99	666.79	672.34	0.001168	1.79	4844.27	705.84	0.08
WalkerRun	WalkerUP	11827.50	PMF Walker Run	19482.30	656.70	671.80	664.39	672.04	0.001456	4.51	5087.51	892.04	0.23
WalkerRun	WalkerUP	11691.36	PMF Walker Run	19482.30	657.08	671.56	664.83	671.84	0.001763	6.75	5017.84	698.75	0.33
WalkerRun	WalkerUP	11507.94	PMF Walker Run	19482.30	656.73	671.48	664.17	671.70	0.001280	4.89	5423.42	827.31	0.23
WalkerRun	WalkerUP	11513.03	PMF Walker Run	19482.30	655.86	671.42	663.49	671.59	0.000880	4.16	6100.21	711.81	0.20

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Rev 2 By: AG/KNK/JSH	Date: 10/31/11	Subject: Post-Construction HEC-RAS Analysis of Walker Run-BBNPP Rev. 2	Sheet No. 115 of 118
Checked By: JAD	Date: 10/31/11		Project No. 104310

Table B-3: HEC-RAS Standard PMF Profile With Landslide Output Table for Walker Run Upstream, Downstream, Tributary #1, and Tributary #2, Continued.

HEC-RAS Plan: Landslide Profile: PMF Walker Run (Continued)

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
WalkerRun	WalkerUP	11424.68	PMF Walker Run	19492.30	656.00	671.37	663.11	671.62	0.000892	4.83	6395.75	783.94	0.21
WalkerRun	WalkerUP	11363.19	PMF Walker Run	19492.30	656.00	671.38	662.44	671.47	0.000407	3.41	8363.91	1156.41	0.16
WalkerRun	WalkerUP	11351.37		Bridge									
WalkerRun	WalkerUP	11331.06	PMF Walker Run	19492.30	655.18	671.35	662.47	671.43	0.000387	3.27	8868.17	1293.01	0.15
WalkerRun	WalkerUP	11257.47	PMF Walker Run	19492.30	654.41	671.34	661.39	671.38	0.000307	2.49	10738.23	1620.83	0.11
WalkerRun	WalkerUP	11070.75	PMF Walker Run	19492.30	653.79	671.34	658.19	671.36	0.000100	1.42	16234.38	1961.00	0.06
WalkerRun	WalkerUP	10926.40	PMF Walker Run	19492.30	654.00	671.33	658.05	671.35	0.000068	1.18	19899.92	2316.10	0.05
WalkerRun	WalkerUP	10828.10	PMF Walker Run	19492.30	653.96	671.33	658.22	671.34	0.000046	0.99	24398.52	2834.79	0.04
WalkerRun	WalkerDS	10497.04	PMF Walker Run	24963.50	651.00	671.30	657.83	671.32	0.000142	1.09	27726.71	3249.11	0.04
WalkerRun	WalkerDS	10308.74	PMF Walker Run	24963.50	651.27	671.28	656.85	671.30	0.000129	1.19	28728.80	3625.36	0.05
WalkerRun	WalkerDS	10249.93	PMF Walker Run	24963.50	650.60	671.27	656.80	671.29	0.000204	1.36	25616.90	4724.38	0.05
WalkerRun	WalkerDS	9918.370	PMF Walker Run	24963.50	649.39	671.10	657.81	671.17	0.000881	2.79	12148.12	2700.00	0.11
WalkerRun	WalkerDS	9217.673	PMF Walker Run	24963.50	646.83	670.60	657.00	670.88	0.000770	3.08	11376.00	2342.56	0.11
WalkerRun	WalkerDS	9034.765	PMF Walker Run	24963.50	648.16	670.54	659.35	670.58	0.000310	2.04	16836.46	3057.82	0.08
WalkerRun	WalkerDS	8812.377	PMF Walker Run	24963.50	645.35	670.45	655.57	670.52	0.000252	1.44	12188.77	1262.23	0.05
WalkerRun	WalkerDS	8786.729 Bridge #3		Culvert									
WalkerRun	WalkerDS	8761.583	PMF Walker Run	24963.50	645.46	670.37	655.78	670.47	0.000371	1.75	10686.80	1173.38	0.07
WalkerRun	WalkerDS	8567.727	PMF Walker Run	27835.40	644.67	670.23	656.73	670.37	0.000680	2.71	9407.86	1048.66	0.10
WalkerRun	WalkerDS	8276.200	PMF Walker Run	27835.40	643.47	670.01	657.25	670.18	0.000818	3.53	8120.86	1031.71	0.13
WalkerRun	WalkerDS	8159.365	PMF Walker Run	27835.40	642.99	669.89	656.78	670.10	0.000771	4.56	8802.35	984.48	0.17
WalkerRun	WalkerDS	8113.081	PMF Walker Run	27835.40	642.79	669.80	657.10	670.06	0.000798	5.32	8228.47	1191.66	0.18
WalkerRun	WalkerDS	8069.461	PMF Walker Run	27835.40	642.62	669.75	656.92	670.03	0.000815	5.73	7847.66	1230.02	0.20
WalkerRun	WalkerDS	7850.359	PMF Walker Run	27835.40	650.00	669.58	658.26	669.82	0.000974	5.60	7883.88	1266.18	0.22
WalkerRun	WalkerDS	7663.904	PMF Walker Run	27835.40	655.00	669.28	661.08	669.60	0.001574	5.84	8337.17	1653.72	0.26
WalkerRun	WalkerDS	7457.718	PMF Walker Run	27835.40	660.00	667.28	665.68	668.78	0.017402	8.76	2850.58	844.96	0.57
WalkerRun	WalkerDS	7199.885	PMF Walker Run	27835.40	655.00	659.79	659.79	662.05	0.042748	10.29	2401.41	798.22	0.83
WalkerRun	WalkerDS	7074.171	PMF Walker Run	27835.40	650.00	655.04	654.55	656.78	0.029140	8.48	2717.27	1014.94	0.74
WalkerRun	WalkerDS	6900.336	PMF Walker Run	27835.40	637.81	655.01	648.39	655.41	0.002370	6.43	6051.67	1167.05	0.31
WalkerRun	WalkerDS	6737.756	PMF Walker Run	27835.40	637.14	654.88	649.70	655.02	0.002741	5.79	6344.07	1653.87	0.28
WalkerRun	WalkerDS	6658.520	PMF Walker Run	27835.40	636.81	654.66	647.93	654.78	0.001373	2.86	10882.04	1657.11	0.13
WalkerRun	WalkerDS	6638.740 Bridge #2		Culvert									
WalkerRun	WalkerDS	6600.763	PMF Walker Run	31569.00	637.33	654.54	649.04	654.73	0.001995	4.27	8838.48	1588.28	0.19
WalkerRun	WalkerDS	6373.925	PMF Walker Run	31569.00	636.69	654.03	647.20	654.32	0.001919	4.34	7577.98	1750.10	0.20
WalkerRun	WalkerDS	6046.422	PMF Walker Run	31569.00	635.77	653.14	648.57	653.60	0.004175	5.14	5879.25	2019.15	0.24
WalkerRun	WalkerDS	5927.270	PMF Walker Run	31569.00	635.44	652.71	648.59	653.17	0.003228	6.69	6831.23	2228.74	0.32
WalkerRun	WalkerDS	5768.212	PMF Walker Run	31569.00	634.98	652.37	648.98	652.70	0.002380	6.62	7426.78	2447.83	0.31
WalkerRun	WalkerDS	5282.004	PMF Walker Run	31569.00	633.62	651.26	648.14	651.67	0.002615	6.79	6842.05	2863.42	0.32
WalkerRun	WalkerDS	4955.817	PMF Walker Run	31569.00	632.70	649.77	646.28	650.38	0.008024	9.04	6443.30	3238.84	0.41
WalkerRun	WalkerDS	4574.564	PMF Walker Run	31569.00	631.63	648.39	646.10	648.82	0.004627	7.25	6985.20	3821.77	0.36
WalkerRun	WalkerDS	4421.695	PMF Walker Run	31569.00	631.13	647.34	645.15	648.01	0.006687	7.90	5476.30	3634.16	0.39
WalkerRun	WalkerDS	4130.464	PMF Walker Run	31569.00	621.98	642.03	639.77	644.49	0.028212	12.78	2655.46	1760.89	0.67
WalkerRun	WalkerDS	3802.181	PMF Walker Run	31569.00	615.87	637.03	633.15	639.38	0.018092	12.29	2570.98	383.25	0.63
WalkerRun	WalkerDS	3508.521	PMF Walker Run	31569.00	603.85	625.89	623.02	629.31	0.037921	14.83	2128.24	163.72	0.73
WalkerRun	WalkerDS	3205.202	PMF Walker Run	31569.00	594.92	617.14	614.47	620.42	0.023159	14.54	2171.38	179.98	0.74
WalkerRun	WalkerDS	2754.088	PMF Walker Run	31569.00	581.49	603.13	600.98	606.79	0.040854	15.35	2056.82	169.84	0.78
WalkerRun	WalkerDS	2508.476	PMF Walker Run	31569.00	574.18	596.42	593.46	599.26	0.022487	13.53	2334.07	195.14	0.69
WalkerRun	WalkerDS	2131.508	PMF Walker Run	31569.00	562.98	588.91	582.61	589.12	0.031417	11.94	2643.72	218.45	0.60
WalkerRun	WalkerDS	1809.110	PMF Walker Run	31569.00	547.41	568.69	565.60	570.79	0.039284	11.62	2717.29	253.41	0.63
WalkerRun	WalkerDS	1127.024	PMF Walker Run	31569.00	533.06	554.09	554.09	556.10	0.023074	13.04	3251.51	1752.55	0.64
WalkerRun	WalkerDS	847.3284	PMF Walker Run	31569.00	524.73	543.14	544.48	548.85	0.047260	16.18	2383.25	1746.83	0.90
WalkerRun	WalkerDS	682.6949	PMF Walker Run	31569.00	519.83	539.22	536.99	540.13	0.008694	9.08	4849.80	2009.05	0.45
WalkerRun	WalkerDS	623.7700	PMF Walker Run	31569.00	518.06	538.89	536.11	539.74	0.008063	8.52	5036.59	2218.56	0.37
WalkerRun	WalkerDS	569.1188 Bridge# 1		Bridge									
WalkerRun	WalkerDS	527.8577	PMF Walker Run	31569.00	515.78	536.85	533.18	536.99	0.003204	6.52	8813.53	2688.95	0.33
WalkerRun	WalkerDS	383.5564	PMF Walker Run	31569.00	507.64	536.81	518.33	536.81	0.000018	0.59	63176.56	3470.66	0.02
WalkerRun	WalkerDS	195.4284	PMF Walker Run	31569.00	500.11	536.81	500.25	536.81	0.000003	0.28	128811.20	4584.35	0.01

Table B-4: HEC-RAS Standard PMF Profile With Landslide and Blocked Bridges Output Table for Walker Run Upstream, Downstream, Tributary #1, and Tributary #2

HEC-RAS Plan: Slide&BBrid Profile: PMF Walker Run

River	Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
WalkerTR#2	UnnamedTR#2_1	1645.505	PMF Walker Run	825.50	711.61	716.83	715.03	718.37	0.025103	10.32	152.17	70.21	1.00
WalkerTR#2	UnnamedTR#2_1	1338.411	PMF Walker Run	825.50	701.00	704.78	705.07	706.14	0.045308	8.38	101.79	63.53	1.21
WalkerTR#2	UnnamedTR#2_1	1213.489	PMF Walker Run	825.50	686.56	698.89	698.91	700.60	0.022700	9.91	285.12	187.04	0.94
WalkerTR#2	UnnamedTR#2_1	1058.754	PMF Walker Run	825.50	688.08	698.36	692.89	698.42	0.000854	2.70	958.08	278.78	0.18
WalkerTR#2	UnnamedTR#2_1	944.3609	PMF Walker Run	825.50	688.06	698.39		698.38	0.000034	0.75	2207.45	383.88	0.04
WalkerTR#2	UnnamedTR#2_1	843.369*	PMF Walker Run	825.50	684.29	698.38		698.38	0.000028	0.66	2630.66	375.74	0.03
WalkerTR#2	UnnamedTR#2_1	742.3789	PMF Walker Run	825.50	682.58	698.38	684.44	698.38	0.000022	0.58	2182.28	444.62	0.03
WalkerTR#2	UnnamedTR#2_1	722		Culvert									
WalkerTR#2	UnnamedTR#2_1	149.6819	PMF Walker Run	825.50	663.05	672.40	664.17	672.41	0.000084	0.77	1515.42	839.33	0.08
WalkerTR#2	UnnamedTR#2_1	53.11654	PMF Walker Run	825.50	660.11	672.40	661.08	672.40	0.000007	0.32	4118.74	814.77	0.02
WalkerrunTR#1_2	UnnamedTR#1_2	2584.424	PMF Walker Run	3218.10	678.38	683.58	681.91	683.98	0.008310	8.19	1103.13	275.44	0.63
WalkerrunTR#1_2	UnnamedTR#1_2	2295.057	PMF Walker Run	3218.10	673.97	676.28	676.28	677.22	0.146866	16.38	500.01	812.45	2.14
WalkerrunTR#1_2	UnnamedTR#1_2	1939.839	PMF Walker Run	3218.10	672.66	674.37	673.60	674.38	0.000311	0.28	6177.38	1345.50	0.04
WalkerrunTR#1_2	UnnamedTR#1_2	1687.279	PMF Walker Run	3218.10	668.68	674.13	670.97	674.19	0.002824	4.31	2041.31	889.68	0.38
WalkerrunTR#1_2	UnnamedTR#1_2	1471.048	PMF Walker Run	3218.10	667.00	673.28	669.59	673.34	0.003169	5.14	1825.78	465.60	0.38
WalkerrunTR#1_2	UnnamedTR#1_2	1258.473	PMF Walker Run	3218.10	665.00	672.75	667.91	672.83	0.001865	4.86	2025.63	358.72	0.31
WalkerrunTR#1_2	UnnamedTR#1_2	1088.944	PMF Walker Run	3218.10	665.15	672.59	668.88	672.62	0.000779	2.98	3086.44	1126.97	0.20
WalkerrunTR#1_2	UnnamedTR#1_2	905.6500	PMF Walker Run	3218.10	662.06	672.50	665.76	672.51	0.000258	2.14	3877.62	653.27	0.12
WalkerrunTR#1_2	UnnamedTR#1_2	648.0200	PMF Walker Run	3218.10	662.61	672.47	664.79	672.48	0.000228	2.01	4419.88	686.48	0.11
WalkerrunTR#1_2	UnnamedTR#1_2	462.8771	PMF Walker Run	3218.10	660.00	672.42	663.93	672.44	0.000217	2.30	4206.46	438.12	0.12
WalkerrunTR#1_2	UnnamedTR#1_2	251.9649	PMF Walker Run	3218.10	660.88	672.40	664.28	672.41	0.000236	2.28	3920.28	487.81	0.12
WalkerrunTR#1_1	UnnamedTR#1_1	1814.092	PMF Walker Run	4940.90	658.00	672.34		672.37	0.000082	1.19	3430.87	473.85	0.08
WalkerrunTR#1_1	UnnamedTR#1_1	1447.257	PMF Walker Run	4940.90	658.92	672.32		672.35	0.000154	1.66	4843.79	448.73	0.08
WalkerrunTR#1_1	UnnamedTR#1_1	1259.731	PMF Walker Run	4940.90	657.68	672.31		672.33	0.000180	1.78	4896.48	399.20	0.08
WalkerrunTR#1_1	UnnamedTR#1_1	1225.459	PMF Walker Run	4940.90	658.00	672.30		672.32	0.000072	1.17	5465.38	411.93	0.08
WalkerrunTR#1_1	UnnamedTR#1_1	1129.112	PMF Walker Run	4940.90	655.56	672.30		672.31	0.000034	1.09	6093.12	570.21	0.05
WalkerrunTR#1_1	UnnamedTR#1_1	985.4287	PMF Walker Run	4940.90	655.80	672.31	658.57	672.31	0.000008	0.44	17993.38	1224.86	0.02
WalkerrunTR#1_1	UnnamedTR#1_1	741.2195	PMF Walker Run	4940.90	654.78	672.30	658.00	672.31	0.000014	0.58	10895.02	1403.84	0.03
WalkerrunTR#1_1	UnnamedTR#1_1	624.8931	PMF Walker Run	4940.90	654.90	672.30	657.12	672.30	0.000010	0.62	12082.63	1433.78	0.03
WalkerRun	WalkerUP	19611.44	PMF Walker Run	18396.00	798.80	812.47	807.83	813.50	0.010982	13.59	2022.38	308.09	0.61
WalkerRun	WalkerUP	19581.58	PMF Walker Run	18396.00	795.56	812.25		813.03	0.012560	8.94	2591.68	253.35	0.40
WalkerRun	WalkerUP	19396.30	PMF Walker Run	18396.00	793.22	809.29		811.00	0.013371	14.34	2201.68	217.95	0.64
WalkerRun	WalkerUP	19310.60	PMF Walker Run	18396.00	789.05	807.47		808.86	0.011849	17.64	2090.16	183.97	0.74
WalkerRun	WalkerUP	19250.46	PMF Walker Run	18396.00	788.77	803.39	803.39	808.74	0.018521	25.45	1642.84	187.44	1.11
WalkerRun	WalkerUP	19185.00	PMF Walker Run	18396.00	784.11	801.49	798.88	803.53	0.025935	15.80	1560.87	187.81	0.89
WalkerRun	WalkerUP	19081.72	PMF Walker Run	18396.00	781.11	800.27		801.79	0.013501	11.14	2301.82	198.22	0.49
WalkerRun	WalkerUP	19073.68	PMF Walker Run	18396.00	778.93	798.52		800.74	0.017258	10.00	2182.68	203.44	0.44
WalkerRun	WalkerUP	18953.02	PMF Walker Run	18396.00	773.44	795.93		797.80	0.018270	11.84	1880.84	188.67	0.51
WalkerRun	WalkerUP	18745.30	PMF Walker Run	18396.00	769.98	788.92	788.82	794.84	0.024428	18.92	1164.82	143.43	0.87
WalkerRun	WalkerUP	18600.30	PMF Walker Run	18396.00	765.32	786.05	784.25	789.88	0.030399	18.15	1168.22	131.57	0.75
WalkerRun	WalkerUP	18542.30	PMF Walker Run	18396.00	763.46	784.28	781.73	787.88	0.037346	15.48	1147.09	105.48	0.73
WalkerRun	WalkerUP	18491.74	PMF Walker Run	18396.00	761.83	778.95	778.95	784.84	0.089969	17.92	917.81	86.86	1.00
WalkerRun	WalkerUP	18403.28	PMF Walker Run	18396.00	758.42	775.50	773.22	778.30	0.027915	17.31	1245.88	117.22	0.74
WalkerRun	WalkerUP	18302.06	PMF Walker Run	18396.00	753.94	773.82		776.94	0.017808	14.92	1341.85	88.93	0.67
WalkerRun	WalkerUP	18231.38	PMF Walker Run	18396.00	753.38	768.63	768.63	774.74	0.044484	20.62	930.58	86.12	0.97
WalkerRun	WalkerUP	18160.01	PMF Walker Run	18396.00	751.17	768.72	766.28	771.63	0.019284	15.64	1308.46	129.98	0.78
WalkerRun	WalkerUP	18125.60	PMF Walker Run	18396.00	750.88	768.24		770.83	0.021645	13.70	1574.22	150.88	0.82
WalkerRun	WalkerUP	18073.38	PMF Walker Run	18396.00	748.66	768.03		769.50	0.011511	10.73	1935.31	187.47	0.46
WalkerRun	WalkerUP	17921.22	PMF Walker Run	18396.00	748.80	765.73		767.85	0.010781	12.67	1753.74	180.29	0.58
WalkerRun	WalkerUP	17804.12	PMF Walker Run	18396.00	746.34	765.77		766.54	0.008001	7.33	2581.89	202.32	0.31
WalkerRun	WalkerUP	17628.91	PMF Walker Run	18396.00	743.73	763.74		764.89	0.016388	10.10	2165.31	203.26	0.44
WalkerRun	WalkerUP	17432.59	PMF Walker Run	18396.00	740.11	761.52		762.34	0.009705	8.81	2583.48	211.87	0.38
WalkerRun	WalkerUP	17301.94	PMF Walker Run	18396.00	739.63	760.48		761.15	0.008069	7.59	2725.82	201.08	0.31
WalkerRun	WalkerUP	17168.54	PMF Walker Run	18396.00	738.88	759.54	752.88	760.08	0.008447	7.90	3022.13	272.27	0.33
WalkerRun	WalkerUP	17132.30 Bridge # 8		Culvert									
WalkerRun	WalkerUP	17100.09	PMF Walker Run	18396.00	737.63	759.26	752.59	759.84	0.011292	8.07	2857.58	254.58	0.34
WalkerRun	WalkerUP	16953.10	PMF Walker Run	18396.00	735.14	756.94		757.95	0.012251	8.73	2280.78	180.68	0.41
WalkerRun	WalkerUP	16840.92	PMF Walker Run	18396.00	733.24	756.74		756.62	0.010997	7.81	2325.97	177.53	0.34
WalkerRun	WalkerUP	16620.82	PMF Walker Run	18396.00	729.51	752.26		753.63	0.018666	10.11	1863.86	168.01	0.43
WalkerRun	WalkerUP	16561.52	PMF Walker Run	18396.00	728.50	751.51	745.73	752.50	0.015805	8.63	2108.57	175.07	0.39
WalkerRun	WalkerUP	16546.63 Bridge # 7		Culvert									
WalkerRun	WalkerUP	16526.95	PMF Walker Run	18396.00	728.50	749.68	748.58	751.00	0.027762	11.58	1611.77	186.84	0.56
WalkerRun	WalkerUP	16414.59	PMF Walker Run	18396.00	726.49	746.93		748.71	0.017707	12.53	1932.96	189.29	0.52
WalkerRun	WalkerUP	16324.69	PMF Walker Run	18396.00	724.05	741.42	741.42	748.02	0.048269	20.99	1236.78	134.40	0.86
WalkerRun	WalkerUP	16204.09	PMF Walker Run	18396.00	722.09	735.80	735.32	740.02	0.044002	17.42	1131.26	128.49	0.80
WalkerRun	WalkerUP	15980.03	PMF Walker Run	18396.00	715.41	728.11		732.00	0.027118	15.77	1457.84	158.29	0.75
WalkerRun	WalkerUP	15788.70	PMF Walker Run	19883.30	707.03	724.87		726.50	0.027834	11.12	2051.23	184.39	0.53
WalkerRun	WalkerUP	15690.42	PMF Walker Run	19883.30	702.68	718.50		720.65	0.028299	10.01	2212.44	218.00	0.52
WalkerRun	WalkerUP	15414.49	PMF Walker Run	19883.30	698.88	713.53		715.62	0.028982	12.21	1838.28	203.81	0.65
WalkerRun	WalkerUP	15294.67	PMF Walker Run	19883.30	698.78	710.49		712.08	0.028084	10.07	1971.84	188.05	0.59
WalkerRun	WalkerUP	15104.09	PMF Walker Run	19883.30	691.54	709.23		707.31	0.021123	8.98	2409.44	214.87	0.45
WalkerRun	WalkerUP	14808.59	PMF Walker Run	19883.30	680.88	694.48		696.91	0.008201	12.68	1813.88	211.60	0.74
WalkerRun	WalkerUP	14514.23	PMF Walker Run	19883.30	672.72	687.88		688.50	0.014312	7.58	2644.11	261.22	0.39
WalkerRun	WalkerUP	14202.66	PMF Walker Run	19883.30	667.88	683.74		684.83	0.010473	8.83	2486.49	329.53	0.48
WalkerRun	WalkerUP	14138.52	PMF Walker Run	19883.30	667.24	683.00	680.17	684.10	0.011295	8.46	2585.97	339.77	0.47
WalkerRun	WalkerUP	14124.54 Bridge # 6		Culvert									
WalkerRun	WalkerUP	14089.62	PMF Walker Run	19883.30	665.36	682.32	678.79	682.93	0.003751	6.67	3405.48	372.64	0.32
WalkerRun	WalkerUP	13926.43	PMF Walker Run	19883.30	668.44	681.72		682.30	0.003616	10.24	3560.28	399.85	0.48
WalkerRun	WalkerUP	13830.25	PMF Walker Run	19883.30	665.20	681.49		681.93	0.003710	7.27	4298.56	467.41	0.34
WalkerRun	WalkerUP	13768.81	PMF Walker Run	19883.30	663.56	681.25		681.80	0.005050	5.94	4384.22	420.95	0.28
WalkerRun	WalkerUP	13721.37	PMF Walker Run	19883.30	663.78	681.09		681.41	0.004454	5.64	4564.52	414.80	0.27
WalkerRun	WalkerUP	13632.03	PMF Walker Run	19883.30	664.23	680.72		681.00	0.004151	5.67	4909.42	478.00	0.28
WalkerRun	WalkerUP	13518.81	PMF Walker Run	19883.30	663.32	680.31		680.82	0.004867	6.39	4615.14	477.01	0.29
WalkerRun	WalkerUP	13352.05	PMF Walker Run	19492.30	664.62	679.48	673.54	679.83	0.005308	7.50	4602.88	530.55	0.37
WalkerRun	WalkerUP	13087.29	PMF Walker Run	19492.30	662.99	678.48		678.70	0.004882	7.54	4025.83	508.00	0.35
WalkerRun	WalkerUP	12822.58	PMF Walker Run	19492.30	663.63	676.85	672.20	677.24	0.008257	8.57	4349.17	530.93	0.44
WalkerRun	WalkerUP	12780.74		Bridge									
WalkerRun	WalkerUP	12764.15	PMF Walker Run	19492.30	661.96	675.44	672.92	676.10	0.020160	16.67	3423.06	537.66	0.56
WalkerRun	WalkerUP	12621.46	PMF Walker Run	19492.30	662.38	672.59	672.26	674.54	0.007048	18.47	2252.03	484.93	1.02
WalkerRun	WalkerUP	12464.20	PMF Walker Run	19492.30	661.86	673.39		673.75	0.002021	7.37	3748.35	524.98	0.41
WalkerRun	WalkerUP	12378.48	PMF Walker Run	19492.30	663.59	673.22		673.52	0.001345	4.03	4445.44	567.45	0.24
WalkerRun	WalkerUP	12288.75	PMF Walker Run	19492.30	661.00	673.19		673.42	0.001006	1.74	5125.77	831.05	0.09
WalkerRun	WalkerUP	12223.05	PMF Walker Run	19492.30	658.32	673.14		673.34	0.001169	2.22	5830.78	974.17	0.12
WalkerRun	WalkerUP	12125.81	PMF Walker Run	19492.30	659.00	672.99	668.77	673.22	0.001219	1.91	5340.11	899.14	0.09
WalkerRun	WalkerUP	12005.02	PMF Walker Run	19492.30	658.58	672.82		673.10	0.000684	1.63	5261.95	827.93	0.08
WalkerRun	WalkerUP	11827.59	PMF Walker Run	19492.30	658.78	672.87		672.85	0.001340	4.53	5731.41	891.52	0.22
WalkerRun	WalkerUP	11691.35	PMF Walker Run	19492.30	657.00	672.44	664.83	672.67	0.001502	6.50	5864.28	807.13	0.31
WalkerRun	WalkerUP	11607.84	PMF Walker Run	19492.30	658.79	672.39	664.17	672.56	0.000927	4.18	6088.33	873.84	0.26
WalkerRun	WalkerUP	11513.03	PMF Walker Run	19492.30	656.56	672.34	663.49	672.48	0.000854	3.77	6510.19	765.33	0.17

BCR

ENGINEERS & CONSULTANTS

Rev 2 By: AC/KMK/TSM	Date: 10/31/11	Subject:	Post-Construction HEC-RAS Analysis	Sheet No.	117 of 118
Checked By: JAB	Date: 10/31/11		of Walker Run-BBNPP Rev. 2	Project No.	104310

Table B-4: HEC-RAS Standard PMF Profile With Landslide and Blocked Bridges Output Table for Walker Run Upstream, Downstream, Tributary #1, and Tributary #2, Continued

HEC-RAS Plan: Slide&B Brid Profile: PMF Walker Run (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
WalkerRun	WalkerUP	11424.58	PMF Walker Run	19492.30	655.00	672.30	663.14	672.43	0.000714	4.43	7018.87	920.17	0.19
WalkerRun	WalkerUP	11363.19	PMF Walker Run	19492.30	655.00	672.30	662.45	672.39	0.000285	2.97	8264.68	1208.38	0.13
WalkerRun	WalkerUP	11351.37		Bridge									
WalkerRun	WalkerUP	11331.08	PMF Walker Run	19492.30	655.19	672.28	662.47	672.36	0.000271	2.86	8944.98	1353.84	0.13
WalkerRun	WalkerUP	11257.47	PMF Walker Run	19492.30	654.41	672.28	661.39	672.33	0.000244	2.30	10482.89	1672.09	0.10
WalkerRun	WalkerUP	11070.75	PMF Walker Run	19492.30	653.79	672.29	659.18	672.31	0.000079	1.32	17531.76	2016.74	0.06
WalkerRun	WalkerUP	10926.40	PMF Walker Run	19492.30	654.00	672.28	659.04	672.29	0.000054	1.09	21527.26	2373.67	0.05
WalkerRun	WalkerUP	10829.10	PMF Walker Run	19492.30	653.96	672.28	658.22	672.29	0.000037	0.91	26405.84	2869.98	0.04
WalkerRun	WalkerDS	10497.04	PMF Walker Run	24963.50	651.00	672.28	657.67	672.27	0.000105	0.89	30243.79	3262.24	0.04
WalkerRun	WalkerDS	10308.74	PMF Walker Run	24963.50	651.27	672.24	657.13	672.26	0.000094	1.43	31431.61	4427.00	0.06
WalkerRun	WalkerDS	10249.93	PMF Walker Run	24963.50	650.60	672.23	656.80	672.25	0.000161	1.25	27960.01	4817.75	0.05
WalkerRun	WalkerDS	9918.370	PMF Walker Run	24963.50	649.39	672.09	657.81	672.15	0.000802	2.6	12983.39	2813.26	0.10
WalkerRun	WalkerDS	9217.673	PMF Walker Run	24963.50	646.83	671.67	657.00	671.75	0.000845	2.91	11958.49	2406.05	0.11
WalkerRun	WalkerDS	9034.765	PMF Walker Run	24963.50	646.16	671.60	659.31	671.66	0.000393	2.34	14102.11	2091.83	0.09
WalkerRun	WalkerDS	8812.377	PMF Walker Run	24963.50	645.35	671.53	655.57	671.59	0.000205	1.34	13059.21	1357.80	0.05
WalkerRun	WalkerDS	8786.720 Bridge #3		Culvert									
WalkerRun	WalkerDS	8761.583	PMF Walker Run	24963.50	645.46	670.37	655.78	670.46	0.000372	1.75	10680.58	1172.89	0.07
WalkerRun	WalkerDS	8587.727	PMF Walker Run	27835.40	644.67	670.22	658.73	670.36	0.000881	2.71	9402.24	1049.19	0.10
WalkerRun	WalkerDS	8278.200	PMF Walker Run	27835.40	643.47	670.00	657.25	670.18	0.000820	3.54	9115.70	1031.21	0.13
WalkerRun	WalkerDS	8159.365	PMF Walker Run	27835.40	642.89	669.88	656.78	670.09	0.000772	4.56	8797.37	984.02	0.17
WalkerRun	WalkerDS	8113.091	PMF Walker Run	27835.40	642.79	669.79	657.12	670.06	0.000760	5.32	8223.75	1190.76	0.19
WalkerRun	WalkerDS	8069.461	PMF Walker Run	27835.40	642.62	669.74	658.82	670.02	0.000817	5.73	7943.17	1228.93	0.20
WalkerRun	WalkerDS	7850.359	PMF Walker Run	27835.40	650.00	669.57	658.23	669.82	0.000976	5.60	7857.38	1262.78	0.22
WalkerRun	WalkerDS	7663.904	PMF Walker Run	27835.40	655.00	669.27	661.09	669.60	0.001552	5.60	6290.69	1853.68	0.26
WalkerRun	WalkerDS	7457.718	PMF Walker Run	27835.40	660.00	667.28	665.89	668.79	0.017402	8.76	2650.80	944.98	0.57
WalkerRun	WalkerDS	7199.865	PMF Walker Run	27835.40	655.00	659.79	659.79	662.05	0.042746	10.29	2401.41	796.22	0.83
WalkerRun	WalkerDS	7074.171	PMF Walker Run	27835.40	650.00	655.54	654.55	658.96	0.021078	8.58	2999.21	1035.13	0.64
WalkerRun	WalkerDS	6900.336	PMF Walker Run	27835.40	637.81	655.48	649.39	655.85	0.002037	6.10	6389.42	1189.89	0.29
WalkerRun	WalkerDS	6737.758	PMF Walker Run	27835.40	637.14	655.22	649.70	655.51	0.002230	5.34	6754.41	1669.10	0.23
WalkerRun	WalkerDS	6658.520	PMF Walker Run	27835.40	638.81	655.21	647.83	655.31	0.001098	2.62	11892.34	1669.93	0.12
WalkerRun	WalkerDS	6638.740 Bridge #2		Culvert									
WalkerRun	WalkerDS	6600.763	PMF Walker Run	31569.00	637.33	654.46	649.04	654.65	0.002072	4.33	9745.19	1583.95	0.19
WalkerRun	WalkerDS	6373.925	PMF Walker Run	31569.00	636.69	653.93	647.20	654.22	0.001991	4.40	7491.50	1757.47	0.21
WalkerRun	WalkerDS	6046.422	PMF Walker Run	31569.00	635.77	652.98	648.57	653.46	0.004459	5.28	5763.74	2013.28	0.29
WalkerRun	WalkerDS	5927.270	PMF Walker Run	31569.00	635.44	652.52	648.59	653.01	0.003475	6.88	5892.42	2217.19	0.33
WalkerRun	WalkerDS	5788.212	PMF Walker Run	31569.00	634.89	652.13	648.89	652.49	0.002844	6.80	7182.35	2445.51	0.33
WalkerRun	WalkerDS	5282.804	PMF Walker Run	31569.00	633.62	651.22	648.06	651.52	0.002087	6.05	8225.61	2960.81	0.29
WalkerRun	WalkerDS	4955.817	PMF Walker Run	31569.00	632.70	649.77	646.26	650.38	0.006022	8.04	6443.65	3233.68	0.41
WalkerRun	WalkerDS	4574.584	PMF Walker Run	31569.00	631.83	648.39	648.10	648.82	0.004821	7.24	6998.49	3822.04	0.36
WalkerRun	WalkerDS	4421.695	PMF Walker Run	31569.00	631.13	647.34	645.15	648.01	0.006683	7.81	5427.30	3634.21	0.39
WalkerRun	WalkerDS	4130.484	PMF Walker Run	31569.00	621.88	642.03	639.77	644.49	0.028212	12.78	2655.46	1760.89	0.67
WalkerRun	WalkerDS	3902.181	PMF Walker Run	31569.00	615.67	637.03	633.15	639.38	0.018092	12.29	2570.96	383.26	0.63
WalkerRun	WalkerDS	3508.521	PMF Walker Run	31569.00	603.85	625.89		628.31	0.037821	14.83	2128.24	163.72	0.73
WalkerRun	WalkerDS	3295.202	PMF Walker Run	31569.00	594.82	617.14		620.42	0.023158	14.54	2171.38	179.98	0.74
WalkerRun	WalkerDS	2754.898	PMF Walker Run	31569.00	581.49	603.13		606.79	0.040854	15.35	2056.82	169.84	0.78
WalkerRun	WalkerDS	2508.476	PMF Walker Run	31569.00	574.18	598.42		599.28	0.022487	13.53	2334.07	186.14	0.69
WalkerRun	WalkerDS	2131.538	PMF Walker Run	31569.00	562.98	588.81		589.12	0.031417	11.84	2643.72	218.45	0.60
WalkerRun	WalkerDS	1909.110	PMF Walker Run	31569.00	547.41	568.69		570.79	0.039284	11.62	2717.29	253.41	0.63
WalkerRun	WalkerDS	1127.824	PMF Walker Run	31569.00	533.08	554.09	554.09	556.10	0.023974	13.04	3251.51	1752.55	0.84
WalkerRun	WalkerDS	847.3284	PMF Walker Run	31569.00	524.73	543.14	544.49	546.65	0.047260	16.18	2383.25	1746.83	0.90
WalkerRun	WalkerDS	612.6049	PMF Walker Run	31569.00	519.83	539.46	536.99	540.28	0.007730	8.66	4860.54	2026.90	0.43
WalkerRun	WalkerDS	623.7730	PMF Walker Run	31569.00	518.08	539.18	538.12	539.94	0.007163	8.12	5263.52	2224.45	0.35
WalkerRun	WalkerDS	569.1189 Bridge # 1		Bridge									
WalkerRun	WalkerDS	527.8577	PMF Walker Run	31569.00	515.78	538.64	533.20	537.00	0.003373	6.69	8632.80	2688.90	0.34
WalkerRun	WalkerDS	383.5564	PMF Walker Run	31569.00	507.64	536.81		536.81	0.000018	0.59	63176.56	3470.66	0.02
WalkerRun	WalkerDS	195.4284	PMF Walker Run	31569.00	500.11	536.81	500.25	536.81	0.000003	0.26	128811.20	4564.35	0.01

APPENDIX C: CD WITH HEC-RAS ELECTRONIC FILES