

MECS VERSION UPDATED JAN 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

Floodway

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TRIS R=4 100-YR Q

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0	4.	0	0	0	0	0	0	681.670	=0
J2	NPROP	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1,000	=0	=0	=0	=0	=0	=0	=0	=0	=0
J3	1,000	34,000	3,000	4,000	27,000	28,000	26,000	=0	=0	=0
NR	100	060	060	100	300	=0	=0	=0	=0	=0
BT	5,000	680,000	1200,000	1400,000	1400,000	2000,000	=0	=0	=0	=0
BT	=0	=0	=0	=0	10,400	=0	=0	=0	=0	=0
H1	3,200	16,000	140,000	150,000	160,000	=0	=0	=0	=0	=0
OR	699,300	0	680,900	50,000	679,300	56,000	678,600	100,000	677,900	140,000
OR	672,500	142,000	672,600	150,000	672,700	158,000	679,100	160,000	677,900	200,000
OR	678,400	250,000	678,200	300,000	678,600	350,000	685,000	400,000	690,000	450,000
OR	700,000	500,000	=0	=0	=0	=0	=0	=0	=0	=0
H1	10,500	16,000	239,000	250,000	260,000	730,000	730,000	730,000	=0	=0
OR	690,100	0	687,200	50,000	682,900	100,000	680,800	150,000	680,300	200,000
OR	681,200	239,000	672,900	243,000	672,500	250,000	673,100	257,000	681,800	260,000
OR	680,900	300,000	681,300	350,000	683,000	400,000	684,800	450,000	684,100	500,000
OR	690,000	550,000	=0	=0	=0	=0	=0	=0	=0	=0
BT	5,000	640,000	1120,000	1280,000	1280,000	1720,000	=0	=0	=0	=0
H1	16,000	15,000	242,000	250,000	258,000	550,000	550,000	550,000	=0	22,470
OR	672,500	0	667,000	100,000	661,400	127,000	661,200	157,000	661,200	200,000
OR	660,400	242,000	654,500	246,000	653,200	250,000	653,500	254,000	661,300	250,000
OR	667,000	300,000	660,700	350,000	661,100	361,000	668,300	400,000	672,400	450,000
H1	20,000	=0	=0	=0	400,000	400,000	400,000	=0	4,400	=0
H1	28,000	=0	=0	=0	400,000	400,000	400,000	=0	4,400	=0
H1	20,000	25,000	488,000	500,000	516,000	400,000	400,000	400,000	=0	=0
OR	716,000	0	714,700	50,000	714,400	72,000	706,800	77,000	705,400	100,000
OR	708,700	150,000	700,900	200,000	700,000	250,000	697,700	300,000	700,800	350,000
OR	699,300	400,000	693,700	450,000	692,800	488,000	690,800	493,000	690,500	500,000
OR	691,000	507,000	697,600	516,000	694,100	550,000	695,400	490,000	703,100	407,000
OR	704,700	650,000	704,600	700,000	705,400	750,000	707,600	800,000	709,800	850,000
H1	20,300	=0	=0	=0	30,000	30,000	30,000	=0	=0	=0
H3	=0	=0	=0	=0	=0	=0	=0	694,200	694,200	=0
OR	1,250	1,500	3,000	0	17,000	1,000	128,000	0	=0	=0
H1	30,500	30,000	442,000	450,000	458,000	220,000	220,000	220,000	=0	=0
H3	=0	=0	1,000	694,200	715,700	=0	=0	=0	=0	=0
H3	10,000	=0	=0	=0	=0	=0	=0	716,200	716,200	=0

BT	300,000	715,600	715,600	442,000	715,700	690,200	442,000	715,700	690,200	650,000
BT	715,700	690,200	650,000	715,700	690,200	650,000	715,700	690,200	650,000	715,700
BT	0	600,000	720,500	0	0	0	0	0	0	0
BR	715,000	0	715,700	50,000	715,400	72,000	706,800	77,000	705,400	100,000
BR	700,700	150,000	700,900	200,000	700,000	250,000	697,700	300,000	700,800	350,000
BR	699,300	400,000	695,000	440,000	690,200	442,000	686,200	442,000	686,200	450,000
BR	690,200	450,000	694,500	460,000	692,800	488,000	690,800	493,000	690,500	500,000
BR	691,000	507,000	697,600	516,000	694,100	550,000	695,900	590,000	703,100	600,000
BR	704,700	650,000	704,600	700,000	705,400	750,000	707,600	800,000	709,800	850,000
H1	31,000	10,000	241,000	250	250,000	50,000	50,000	50,000	0	0
BR	716,800	0	708,900	50,000	704,100	52,000	699,100	100,000	696,200	150,000
BR	698,600	200,000	693,800	241,000	691,400	243,000	691,400	250,000	691,600	297,000
BR	692,900	250,000	696,800	300,000	698,500	341,000	699,700	350,000	705,500	400,000
BR	711,700	450,000	714,400	500,000	717,700	550,000	0	0	0	0
BT	5,000	560,000	480,000	1160,000	1160,000	1490,000	0	0	0	0
H1	40,000	18,000	129,000	150	150,000	900,000	900,000	900,000	0	0
BR	713,500	0	707,400	42,000	706,100	50,000	700,600	88,000	700,700	100,000
BR	700,100	129,000	697,500	132,000	697,000	135,000	697,300	138,000	699,700	140,000
BR	699,800	143,000	696,700	146,000	696,600	150,000	696,800	154,000	700,800	160,000
BR	702,300	200,000	712,500	250,000	718,500	300,000	0	0	0	0
BT	5,000	470,000	830,000	970,000	970,000	1250,000	0	0	0	0
H1	48,000	14,000	141,000	150	150,000	800,000	800,000	800,000	0	0
BR	718,000	0	716,200	11,000	711,100	21,000	710,200	50,000	709,400	54,000
BR	706,600	100,000	706,400	141,000	702,600	144,000	702,400	150,000	702,700	156,000
BR	705,200	159,000	708,600	200,000	717,200	250,000	725,300	300,000	0	0
H1	59,000	13,000	111,000	120	125,000	1100,000	1100,000	1100,000	0	0
BR	728,500	0	722,400	46,000	719,800	50,000	716,300	81,000	711,000	95,000
BR	710,900	100,000	711,600	105,000	714,600	111,000	714,400	122,000	716,000	129,000
BR	715,600	150,000	717,500	200,000	730,900	250,000	0	0	0	0
H1	60,200	0	0	0	120,000	120,000	120,000	0	0	0
H2	0	0	0	0	0	0	0	718,100	718,100	0
BB	0	1,500	3,000	0	6,000	0	42,000	0	0	0
H1	61,300	16,000	147,000	150	153,000	110,000	110,000	110,000	0	0
H2	0	0	1,000	718,100	727,400	0	0	0	0	0
H3	10,000	0	0	0	0	0	0	727,900	727,900	0
BT	12,000	0	735,000	0	100,000	728,600	0	140,000	727,600	0
BT	140,900	727,400	714,600	147,000	727,400	718,100	152,900	727,400	718,100	153,000
BT	727,400	718,600	160,000	727,500	0	200,000	728,000	0	250,000	730,000
BT	0	300,000	733,700	0	400,000	744,900	0	0	0	0
BR	728,500	0	722,400	46,000	719,800	50,000	716,300	81,000	711,000	95,000
BR	710,900	100,000	711,600	105,000	714,600	111,000	714,400	122,000	716,000	140,000
BR	718,600	186,000	711,100	147,000	711,100	152,900	714,600	153,000	716,500	160,000
BR	717,500	200,000	730,900	250,000	731,000	300,000	731,000	400,000	0	0
H1	61,400	14,000	137,000	150	164,000	10,000	10,000	10,000	0	0
BR	737,300	0	733,800	32,000	727,100	50,000	719,500	100,000	716,700	137,000
BR	712,200	142,000	711,500	150,000	712,100	158,000	718,100	164,000	718,200	200,000
BR	719,500	222,000	727,800	250,000	730,600	260,000	750,000	380,000	0	0
H1	64,000	0	0	0	260,000	260,000	260,000	0	0	0
H2	10,000	0	0	0	0	0	0	720,500	720,500	0
BB	0	1,500	3,000	0	4,700	0	28,250	0	0	0
H1	65,000	17,000	287,100	250	252,900	100,000	100,000	100,000	0	0
H2	0	0	1,000	720,500	725,100	0	0	0	0	0
H3	10,000	0	0	0	0	0	0	725,600	725,600	0
BT	16,000	0	734,600	0	50,000	730,600	0	100,000	727,300	0
BT	100,000	728,000	0	200,000	724,200	0	240,000	725,000	0	287,100
BT	725,100	717,000	727,000	725,100	719,600	250,000	725,100	720,000	720,000	720,100

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIS R=4 FLOODWAY

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	TQ	EG	TOPWTD	STENCL	STENCR	VCH	
3.20		=0	0	0	672.60	1400.00	681.67	584.09	681.70	324.08	0	0	1.95
3.20		=0	0	0	672.60	1400.00	682.67	568.73	682.72	164.46	140.00	304.86	1.95
10.50	730.00		0	0	672.50	1400.00	683.42	201.61	682.70	271.42	0	0	5.22
10.50	730.00		0	0	672.50	1400.00	683.34	195.85	683.81	74.87	218.34	295.25	5.79
16.00	550.00		0	0	675.67	1280.00	685.17	183.74	685.37	248.87	0	0	4.89
16.00	550.00		0	0	675.67	1280.00	686.21	187.75	686.51	84.34	224.97	313.31	5.24
20.00	400.00		0	0	680.57	1280.00	689.32	106.45	689.96	241.29	0	0	7.84
20.00	400.00		0	0	680.57	1280.00	689.64	78.32	691.18	47.63	242.00	289.63	10.48
24.00	400.00		0	0	685.47	1280.00	694.43	125.01	694.88	243.37	0	0	6.82
24.00	400.00		0	0	685.47	1280.00	696.00	146.70	696.47	60.34	242.00	302.34	6.15
28.00	400.00		0	0	690.50	1280.00	697.08	209.60	697.25	167.13	0	0	4.27
28.00	400.00		0	0	690.50	1280.00	698.17	223.94	698.40	86.04	468.27	558.31	4.47
28.30	30.00		0	0	690.50	1280.00	697.20	222.06	697.35	169.88	0	0	4.08
28.30	30.00		0	0	690.50	1280.00	698.29	235.62	698.50	87.54	467.79	555.53	4.29
30.50	220.00		0	0	686.20	1280.00	698.91	170.42	699.53	16.00	0	0	6.29
30.50	220.00		0	0	686.20	1280.00	700.00	191.14	700.52	16.00	442.00	458.00	5.80
31.00	50.00		0	0	691.40	1280.00	699.62	504.67	699.66	250.36	0	0	2.35
31.00	50.00		0	0	691.40	1280.00	700.58	523.89	700.63	117.92	174.20	292.12	2.44
40.00	900.00		0	0	696.60	1160.00	701.68	72.66	702.69	102.94	0	0	8.68
40.00	900.00		0	0	696.60	1160.00	701.45	54.79	703.24	31.00	129.00	160.00	10.72
48.00	800.00		0	0	702.40	970.00	709.16	162.19	709.34	145.39	0	0	4.48
48.00	800.00		0	0	702.40	970.00	710.07	174.07	710.32	56.20	117.72	173.92	4.58
59.00	1100.00		0	0	710.90	970.00	716.78	68.50	717.20	104.21	0	0	5.69
59.00	1100.00		0	0	710.90	970.00	717.37	56.60	718.30	37.21	97.01	134.22	8.12
60.20	120.00		0	0	710.90	970.00	718.06	149.79	718.18	136.64	0	0	3.58
60.20	120.00		0	0	710.90	970.00	719.14	161.11	719.33	62.34	96.74	159.09	3.99
61.30	110.00		0	0	710.90	970.00	728.24	1886.09	728.24	198.05	0	0	.63
61.30	110.00		0	0	710.90	970.00	729.32	1924.07	729.32	134.66	56.88	191.98	.68
61.40	10.00		0	0	711.50	970.00	728.24	1670.67	728.24	206.46	0	0	.80
61.40	10.00		0	0	711.50	970.00	729.32	1691.79	729.33	119.97	100.39	220.36	.83
64.00	260.00		0	0	711.50	970.00	728.24	1672.89	728.24	206.51	0	0	.80
64.00	260.00		0	0	711.50	970.00	729.33	1693.93	729.33	119.99	100.37	220.37	.83
65.00	100.00		0	0	714.60	970.00	728.35	720.56	728.36	272.22	0	0	1.38
65.00	100.00		0	0	714.60	970.00	729.43	762.23	729.44	161.93	111.52	273.25	1.37
68.40	40.00		0	0	716.30	970.00	728.32	456.15	728.38	148.64	0	0	2.27
68.40	40.00		0	0	716.30	970.00	729.40	468.04	729.47	66.46	150.93	217.39	2.37

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	YS	EG	TOPWID	STENCL	STENCR	VCH
72.50	710.00	0	0	725.10	760.00	732.14	49.30	733.17	61.30	0	0	8.80
72.50	710.00	0	0	725.10	760.00	731.68	34.04	733.76	16.03	94.00	113.00	11.56

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
3.200	1400.000	681.670	0	0	0	326.077	0	0
3.200	1400.000	682.670	1.000	0	0	164.864	161.213	0
10.500	1400.000	682.414	0	.749	0	271.420	0	730.000
10.500	1400.000	683.178	.959	.708	0	76.867	194.553	730.000
16.000	1280.000	685.172	0	2.753	0	248.866	0	550.000
16.000	1280.000	686.213	1.041	2.836	0	88.338	160.529	550.000
20.000	1280.000	689.324	0	4.152	0	241.295	0	400.000
20.000	1280.000	689.643	.319	3.430	0	47.633	193.661	400.000
24.000	1280.000	694.427	0	5.104	0	243.375	0	400.000
24.000	1280.000	696.003	1.576	6.360	0	60.343	183.031	400.000
28.000	1280.000	697.076	0	2.649	0	167.120	0	400.000
28.000	1280.000	698.173	1.097	2.170	0	86.035	81.094	400.000
28.300	1280.000	697.200	0	.123	0	169.885	0	30.000
28.300	1280.000	698.287	1.087	.114	0	87.530	62.345	30.000
30.500	1280.000	698.914	0	1.715	0	16.000	0	220.000
30.500	1280.000	700.002	1.087	1.715	0	16.000	0	220.000
31.000	1280.000	699.618	0	.704	0	254.350	0	50.000
31.000	1280.000	700.578	.960	.576	0	117.923	136.436	50.000
40.000	1160.000	701.680	0	2.062	0	102.942	0	900.000
40.000	1160.000	701.452	-.228	.875	0	31.001	71.941	900.000
48.000	970.000	709.163	0	7.482	0	145.380	0	800.000
48.000	970.000	710.067	.905	8.615	0	56.201	89.188	800.000
50.000	970.000	716.779	0	7.617	0	104.211	0	1100.000
50.000	970.000	717.372	.592	7.304	0	37.205	67.005	1100.000
60.200	970.000	718.058	0	1.279	0	136.640	0	120.000
60.200	970.000	719.141	1.083	1.769	0	62.345	74.295	120.000
61.300	970.000	728.236	0	10.179	0	198.046	0	110.000
61.300	970.000	729.320	1.083	10.179	0	134.650	63.306	110.000
61.400	970.000	728.235	0	-.001	0	206.456	0	10.000
61.400	970.000	729.318	1.083	-.002	0	119.967	86.489	10.000
64.000	970.000	728.244	0	.009	0	206.508	0	260.000
64.000	970.000	729.326	1.082	.009	0	119.993	86.515	260.000
65.000	970.000	728.347	0	.103	0	272.222	0	100.000
65.000	970.000	729.430	1.082	.103	0	161.732	110.490	100.000
65.400	970.000	728.324	0	-.023	0	148.642	0	40.000
65.400	970.000	729.397	1.073	-.032	0	66.458	82.184	40.000
68.000	760.000	722.130	0	3.810	0	61.297	0	710.000

TYPE INC

TARGET

TOP WIDTH

TOP WIDTH

AREA+ACHES

AREA+DIPP

1
2

0
4.000

0
.286

29.002
11.009

0
-17.993

 HEC2 VERSION UPDATED JAN 1974
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09
 MODIFICATIONS 52,53,54,55,56,57,58

PROFILE PLOTTED CROSS-SECTION & FLOOD LINES
 5-10-76 BY PLOTTED 5-17-76 ON 1:400 MAP.
 S.P. FLETCHER S.P. FLETCHER

T1 GASTONIA N C
 T2 FLOOD INSURANCE
 T3 TR18 R=4 10-YR W

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSFL	FG
	0	2.	0	0	0	0	0	0	481.670	=0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IRW	CHNIM	YTRACE
	1,000	=0	=0	=0	=0	=0	=0	=0	=0	=0
NC	.100	.060	.060	.100	.300	=0	=0	=0	=0	=0
OT	5,000	680,000	1200,000	1400,000	1400,000	2000,000	=0	=0	=0	=0
H1	3,200	16,000	140,000	160,000	=0	=0	=0	=0	=0	=0
BR	699,300	0	680,900	50,000	679,300	56,000	678,600	100,000	677,900	140,000
BR	672,600	142,000	672,600	150,000	672,700	158,000	679,100	160,000	677,900	200,000
BR	678,400	250,000	678,200	300,000	678,600	350,000	685,000	400,000	690,000	450,000
BR	700,000	500,000	=0	=0	=0	=0	=0	=0	=0	=0
H1	10,500	16,000	239,000	260,000	730,000	730,000	730,000	=0	=0	=0
BR	699,100	0	687,200	50,000	682,900	100,000	680,800	150,000	680,300	230,000
BR	681,200	239,000	672,900	243,000	672,500	250,000	673,100	257,000	681,800	260,000
BR	680,900	300,000	681,300	350,000	683,000	400,000	684,800	450,000	684,100	500,000
BR	690,000	550,000	=0	=0	=0	=0	=0	=0	=0	=0
OT	5,000	640,000	1120,000	1280,000	1280,000	1720,000	=0	=0	=0	=0
H1	16,000	15,000	242,000	258,000	550,000	550,000	550,000	=0	22,470	=0
BR	672,500	0	667,000	100,000	661,400	127,000	661,200	157,000	661,200	200,000
BR	660,400	242,000	654,500	246,000	653,200	250,000	653,500	254,000	661,300	250,000
BR	661,000	300,000	660,700	350,000	661,100	361,000	668,300	400,000	672,400	450,000
H1	20,000	=0	=0	=0	400,000	400,000	400,000	=0	4,900	=0
H1	24,000	=0	=0	=0	400,000	400,000	400,000	=0	4,900	=0
H1	28,000	25,000	488,000	516,000	400,000	400,000	400,000	=0	=0	=0
BR	716,000	0	714,700	50,000	714,400	72,000	706,800	77,000	705,400	100,000
BR	704,700	150,000	700,900	200,000	700,000	250,000	697,700	300,000	700,800	350,000
BR	699,300	400,000	693,700	450,000	692,800	488,000	690,800	493,000	690,500	500,000
BR	691,000	507,000	697,600	516,000	694,100	550,000	695,900	590,000	703,100	607,000
BR	704,700	650,000	704,600	700,000	705,400	750,000	707,600	800,000	709,800	850,000
H1	28,300	=0	=0	=0	30,000	30,000	30,000	=0	=0	=0
H3	=0	=0	=0	=0	=0	=0	=0	=0	694,200	694,200
BB	1,250	1,500	3,000	0	17,000	1,000	128,000	0	=0	=0
H1	30,500	30,000	442,000	458,000	220,000	220,000	220,000	=0	=0	=0
H2	=0	=0	1,000	694,200	715,700	=0	=0	=0	=0	=0
H3	10,000	=0	=0	=0	=0	=0	=0	716,200	716,200	=0
OT	11,000	0	721,500	=0	100,000	718,000	=0	200,000	715,500	=0
OT	11,000	0	721,500	=0	100,000	718,000	=0	200,000	715,500	=0

SUMMARY PRINTOUT FOR MULTIPLE PROFILES

TRIS R=4 500-YR Q

LTH 7250 732.6 672.6 29" x 12" 725 450 1.25 2250 7250 2250

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL OF GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EG	TOPWTD	10KWS	TIME	VOL	
A	3.20	0	0	0	672.60	680.00	681.67	0	681.68	324.08	1.36	0	0
A	3.20	0	0	0	672.60	1200.00	683.78	0	683.79	348.29	.93	0	0
A	3.20	0	0	0	672.60	1400.00	684.45	0	684.46	355.35	.87	0	0
A	3.20	0	0	0	672.60	2000.00	686.50	0	686.51	380.22	.67	0	0
B	10.50	730.00	0	0	672.50	680.00	681.83	0	681.97	240.11	22.39	.07	12.11
B	10.50	730.00	0	0	672.50	1200.00	683.90	0	683.98	336.79	7.42	.13	23.15
B	10.50	730.00	0	0	672.50	1400.00	684.56	0	684.60	399.80	5.63	.15	27.13
B	10.50	730.00	0	0	672.50	2000.00	686.58	0	686.60	463.78	2.52	.19	40.90
C	16.00	550.00	0	0	675.67	640.00	683.79	681.30	684.31	223.71	100.80	.10	15.24
C	16.00	550.00	0	0	675.67	1120.00	684.62	0	684.97	243.17	82.80	.17	31.32
C	16.00	550.00	0	0	675.67	1280.00	685.11	0	685.32	248.26	52.51	.19	37.58
C	16.00	550.00	0	0	675.67	1720.00	686.80	0	686.88	265.63	15.22	.27	59.74
	20.00	400.00	0	0	680.57	640.00	688.39	686.21	689.15	108.23	143.10	.11	16.45
	20.00	400.00	0	0	680.57	1120.00	689.17	689.17	689.82	239.70	142.89	.19	34.17
	20.00	400.00	0	0	680.57	1280.00	689.35	689.35	689.96	241.55	138.77	.21	41.19
	20.00	400.00	0	0	680.57	1720.00	689.60	689.60	690.32	248.14	168.80	.28	65.63
	24.00	400.00	0	0	685.47	640.00	693.55	691.11	694.11	212.99	107.67	.13	17.62
	24.00	400.00	0	0	685.47	1120.00	694.26	0	694.72	241.61	105.26	.21	36.85
	24.00	400.00	0	0	685.47	1280.00	694.40	0	694.87	243.13	108.78	.24	44.28
	24.00	400.00	0	0	685.47	1720.00	694.91	0	695.30	248.29	94.53	.31	69.52
D	28.00	400.00	0	0	690.50	640.00	696.02	0	696.14	143.54	28.30	.18	19.67
D	28.00	400.00	0	0	690.50	1120.00	696.86	0	697.01	162.24	35.28	.25	40.26
D	28.00	400.00	0	0	690.50	1280.00	697.09	0	697.26	167.41	36.86	.27	47.99
D	28.00	400.00	0	0	690.50	1720.00	697.57	0	697.78	178.11	43.16	.34	74.22
	28.30	30.00	0	0	690.50	640.00	696.11	0	696.22	148.57	25.48	.18	19.89
	28.30	30.00	0	0	690.50	1120.00	696.97	0	697.12	164.84	31.50	.25	40.56
	28.30	30.00	0	0	690.50	1280.00	697.21	0	697.36	170.13	32.89	.27	48.32
	28.30	30.00	0	0	690.50	1720.00	697.71	0	697.90	180.50	37.93	.34	74.61
	30.50	220.00	715.70	694.20	686.20	640.00	696.46	0	696.69	16.00	26.00	.20	21.09
	30.50	220.00	715.70	694.20	686.20	1120.00	698.23	0	698.76	16.00	50.48	.26	42.18
	30.50	220.00	715.70	694.20	686.20	1280.00	698.93	0	699.50	16.00	56.26	.28	50.07
	30.50	220.00	715.70	694.20	686.20	1720.00	701.11	0	701.92	16.00	65.31	.35	76.67
E	31.00	50.00	0	0	691.40	640.00	696.73	0	696.83	158.52	23.99	.20	21.38
E	31.00	50.00	0	0	691.40	1120.00	698.84	0	698.89	239.16	9.86	.27	42.73
E	31.00	50.00	0	0	691.40	1280.00	699.63	0	699.67	254.58	6.38	.29	50.73
E	31.00	50.00	0	0	691.40	1720.00	702.01	0	702.09	297.81	2.62	.36	77.73
F	40.00	900.00	0	0	696.60	560.00	700.80	0	701.38	73.43	107.99	.24	25.93
F	40.00	900.00	0	0	696.60	980.00	701.37	701.37	702.36	92.68	167.63	.30	32.19
F	40.00	900.00	0	0	696.60	1160.00	701.68	701.68	702.69	102.96	256.84	.32	42.47
F	40.00	900.00	0	0	696.60	1800.00	702.17	702.17	703.18	116.35	234.64	.40	56.81

SECTION NUMBER	CHANNEL LENGTH	MIN EL OF ROADWAY	MAX EL OF LOW CHORD	MIN EL GROUND	DISCHARGE (CFS)	CWSEL	CRWS	EG	TOPWID	TKWS	TIME	VOL	
G	80.00	800.00	0	0	702.40	470.00	707.73	0	707.92	104.28	40.45	.31	28.56
G	80.00	800.00	0	0	702.40	830.00	708.86	0	709.05	134.87	35.48	.37	96.50
G	80.00	800.00	0	0	702.40	970.00	709.16	0	709.35	144.39	35.77	.39	67.47
G	80.00	800.00	0	0	702.40	1250.00	709.65	0	709.84	153.29	37.27	.46	102.98
H	59.00	1100.00	0	0	710.90	470.00	715.79	0	716.08	59.00	171.52	.38	32.28
H	59.00	1100.00	0	0	710.90	830.00	716.52	0	716.93	94.10	207.85	.43	62.75
H	59.00	1100.00	0	0	710.90	970.00	716.78	0	717.20	104.21	200.54	.45	74.57
H	59.00	1100.00	0	0	710.90	1250.00	717.25	0	717.68	120.95	181.01	.52	111.67
I	60.20	120.00	0	0	710.90	470.00	716.89	0	716.98	104.28	40.45	.40	32.72
I	60.20	120.00	0	0	710.90	830.00	717.80	0	717.91	133.36	41.32	.44	63.42
I	60.20	120.00	0	0	710.90	970.00	718.06	0	718.18	134.64	41.94	.46	75.33
I	60.20	120.00	0	0	710.90	1250.00	718.50	0	718.65	142.27	43.57	.53	112.59
J	61.30	110.00	727.40	718.10	711.10	470.00	717.35	0	719.81	4.00	573.51	.40	33.03
J	61.30	110.00	727.40	718.10	711.10	830.00	725.44	0	726.89	4.00	203.80	.45	63.94
J	61.30	110.00	727.40	718.10	711.10	970.00	728.24	0	728.24	198.05	.26	.53	78.38
J	61.30	110.00	727.40	718.10	711.10	1250.00	728.91	0	728.91	206.00	.37	.58	115.88
K	61.40	10.00	0	0	711.50	470.00	720.03	0	720.07	127.32	5.32	.40	33.07
K	61.40	10.00	0	0	711.50	830.00	727.03	0	727.04	198.27	.38	.45	64.12
K	61.40	10.00	0	0	711.50	970.00	728.24	0	728.24	206.46	.38	.53	78.81
K	61.40	10.00	0	0	711.50	1250.00	728.90	0	728.91	210.94	.45	.58	116.35
L	64.00	260.00	0	0	711.50	470.00	720.17	0	720.27	27.00	9.59	.43	34.70
L	64.00	260.00	0	0	711.50	830.00	727.04	0	727.05	198.37	.38	.57	73.05
L	64.00	260.00	0	0	711.50	970.00	728.24	0	728.25	206.51	.34	.65	89.20
L	64.00	260.00	0	0	711.50	1250.00	728.92	0	728.92	211.01	.45	.68	127.57
M	65.00	100.00	725.10	720.50	714.60	470.00	723.34	0	724.96	4.40	372.71	.43	34.98
M	65.00	100.00	725.10	720.50	714.60	830.00	727.18	0	727.19	256.03	2.77	.60	75.97
M	65.00	100.00	725.10	720.50	714.60	970.00	728.35	0	728.36	272.22	1.81	.68	92.75
M	65.00	100.00	725.10	720.50	714.60	1250.00	729.03	0	729.04	281.73	2.04	.71	131.49
N	65.40	40.00	0	0	716.30	470.00	725.14	0	725.20	79.11	6.44	.44	35.12
N	65.40	40.00	0	0	716.30	830.00	727.15	0	727.23	124.95	6.17	.60	76.67
N	65.40	40.00	0	0	716.30	970.00	728.32	0	728.38	148.64	4.52	.69	93.66
N	65.40	40.00	0	0	716.30	1250.00	729.00	0	729.07	163.69	5.37	.72	132.58
O	72.50	710.00	0	0	725.10	360.00	729.76	729.76	731.20	14.30	513.24	.46	37.58
O	72.50	710.00	0	0	725.10	640.00	731.53	731.53	732.78	49.02	303.06	.63	81.28
O	72.50	710.00	0	0	725.10	760.00	732.14	732.14	733.17	61.30	237.63	.71	99.86
O	72.50	710.00	0	0	725.10	980.00	732.57	732.57	733.71	63.96	258.54	.74	139.63

SECTION NUMBER	DISCHARGE CFS	CWSEL	CWSEL DIFF EACH Q	CWSEL DIFF EACH SECTION	CWSEL-WSELK	TOPWID	T.W. DIFF	LENGTH
3,200	600,000	681.676	0	0	0	326.077	0	=0
3,200	1200,000	683.780	2.110	0	0	348.295	-22.218	=0
3,200	1800,000	684.450	.670	0	0	355.350	-29.273	=0
3,200	2000,000	686.900	2.450	0	0	380.217	-54.141	=0
10,500	680,000	681.830	0	.160	0	240.111	0	730.000
10,500	1200,000	683.904	2.074	.124	0	336.788	-96.677	730.000
10,500	1800,000	684.983	.659	.113	0	399.799	-159.688	730.000
10,500	2000,000	686.579	2.015	.079	0	463.783	-223.672	730.000
10,000	640,000	683.794	0	1.964	0	223.710	0	950.000
10,000	1120,000	684.818	.822	.712	0	243.169	-19.459	950.000
10,000	1800,000	685.100	.489	.542	0	248.200	-28.939	950.000

10.000	1720.000	688.000	1.805	.221	0	209.027	-81.917	400.000
20.000	640.000	688.392	0	4.594	0	108.227	0	400.000
20.000	1120.000	689.168	.776	4.552	0	239.699	-131.472	400.000
20.000	1280.000	689.348	.181	4.244	0	241.558	-133.327	400.000
20.000	1720.000	689.602	.253	2.802	0	244.142	-135.915	400.000
24.000	640.000	693.553	0	5.162	0	212.993	0	400.000
24.000	1120.000	694.258	.702	5.087	0	241.614	-28.621	400.000
24.000	1280.000	694.403	.148	5.054	0	243.133	-30.140	400.000
24.000	1720.000	694.907	.503	5.308	0	248.287	-35.294	400.000
28.000	640.000	696.020	0	2.467	0	143.530	0	400.000
28.000	1120.000	696.858	.837	2.603	0	162.242	-18.702	400.000
28.000	1280.000	697.089	.231	2.688	0	167.407	-23.868	400.000
28.000	1720.000	697.567	.479	2.661	0	178.110	-34.571	400.000
28.300	640.000	696.113	0	.092	0	145.574	0	30.000
28.300	1120.000	696.974	.861	.116	0	164.837	-19.263	30.000
28.300	1280.000	697.211	.237	.122	0	170.129	-24.558	30.000
28.300	1720.000	697.711	.500	.143	0	180.500	-34.926	30.000
30.500	640.000	696.459	0	.346	0	16.000	0	220.000
30.500	1120.000	698.232	1.773	1.258	0	16.000	0	220.000
30.500	1280.000	698.926	.698	1.716	0	16.000	0	220.000
30.500	1720.000	701.110	2.183	3.399	0	16.000	0	220.000
31.000	640.000	696.734	0	.275	0	158.519	0	50.000
31.000	1120.000	698.844	2.110	.612	0	239.176	-80.657	50.000
31.000	1280.000	699.629	.785	.703	0	254.541	-96.022	50.000
31.000	1720.000	702.008	2.379	.899	0	297.811	-139.292	50.000
40.000	560.000	700.801	0	4.067	0	73.438	0	900.000
40.000	980.000	701.375	.574	2.531	0	92.679	-19.244	900.000
40.000	1160.000	701.680	.304	2.052	0	102.948	-29.508	900.000
40.000	1490.000	702.169	.489	.161	0	119.351	-45.917	900.000
48.000	470.000	707.732	0	6.931	0	108.278	0	800.000
48.000	830.000	708.863	1.131	7.488	0	138.871	-30.592	800.000
48.000	970.000	709.163	.300	7.482	0	145.389	-37.110	800.000
48.000	1250.000	709.646	.484	7.477	0	153.290	-45.011	800.000
59.000	470.000	715.793	0	8.061	0	58.996	0	1100.000
59.000	830.000	716.519	.726	7.656	0	95.104	-36.108	1100.000
59.000	970.000	716.779	.261	7.617	0	104.211	-45.215	1100.000
59.000	1250.000	717.254	.474	7.607	0	120.979	-61.983	1100.000
60.200	470.000	716.894	0	1.101	0	108.283	0	120.000
60.200	830.000	717.798	.904	1.280	0	133.361	-25.077	120.000
60.200	970.000	718.058	.260	1.279	0	136.640	-28.356	120.000
60.200	1250.000	718.504	.446	1.251	0	142.260	-33.986	120.000
61.300	470.000	717.355	0	.460	0	6.000	0	110.000
61.300	830.000	725.444	8.090	7.646	0	6.000	0	110.000
61.300	970.000	728.236	2.792	10.179	0	198.046	-192.046	110.000
61.300	1250.000	728.905	.669	10.401	0	200.002	-194.002	110.000
61.400	470.000	720.026	0	2.671	0	127.320	0	10.000
61.400	830.000	727.034	7.008	1.589	0	198.270	-70.950	10.000
61.400	970.000	728.235	1.201	-.001	0	206.456	-79.135	10.000
61.400	1250.000	728.908	.669	-.002	0	210.937	-83.617	10.000
68.000	470.000	720.174	0	.148	0	27.000	0	260.000
68.000	830.000	727.044	6.870	.010	0	198.369	-171.369	260.000
68.000	970.000	728.248	1.200	.009	0	206.508	-179.508	260.000
68.000	1250.000	728.919	.671	.012	0	211.000	-184.000	260.000

65.000	470.000	729.336	0	3.163	0	5.800	0	100.000
65.000	830.000	727.180	3.843	.136	0	256.028	-250.228	100.000
65.000	970.000	728.347	1.168	.103	0	272.222	-266.422	100.000
65.000	1250.000	729.030	.683	.115	0	281.729	-275.929	100.000
65.400	470.000	725.139	0	1.803	0	79.106	0	40.000
65.400	830.000	727.153	2.014	-.026	0	129.947	-50.841	40.000
65.400	970.000	728.324	1.170	-.023	0	148.642	-69.536	40.000
65.400	1250.000	729.001	.677	-.029	0	163.687	-84.581	40.000
72.500	360.000	729.762	0	4.623	0	13.300	0	710.000
72.500	640.000	731.533	1.771	4.380	0	49.024	-35.724	710.000
72.500	760.000	732.138	.605	3.814	0	61.297	-47.997	710.000
72.500	980.000	732.566	.428	3.565	0	63.964	-50.665	710.000

DATA FOR LAST CROSS SECTION

PROFILE	TYPE ENC	TARGET	TOP WIDTH AREA-ACRES	TOP WIDTH AREA-DIFF
1	0	0	20.773	0
2	0	0	28.763	7.989
3	0	0	31.131	10.358
4	0	0	34.039	13.265