

ABINGDON

CREEK

THIS RUN EXECUTED 02-24-86 18:08:06

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

C										
T1 HAYES, LEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS										
T2 FILENAME: AB.HEC ENG: SKE EA: EKL COMM 2320										
T3 ABINGDON CREEK DATE: 2/5/86 10-YEAR EVENT										
J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.003247	.00	.0	0.	79.680	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	201.000	.000	.000	.000	.000	.000	.000	.000	.000
J6	IHLEQ	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	6.000	1620.000	2370.000	3160.000	3750.000	6300.000	3750.000		.000	.000
HC	.100	.100	.050	.100	.300	.000	.000		.000	.000
NH	5.000	100.000	6352.000	.180	6552.000	.050	6593.000		.090	6793.000
NH	6939.000	.000	.000	.000	.000	.000	.000		.000	.000
ET	.000	.000	.000	.000	.000	.000	10.410		.000	.000

ABINGDON CREEK

ON QT CARDS, DISCHARGES ARE AS FOLLOWED

FIELD #1 #2 #3 #4 #5 #6 #7

Q# 10-YEAR 25-YEAR 50-YEAR 100-YEAR 500-YEAR 100-YEAR
 (83-FLOOD)(77-FLOOD)

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATION

LAST CROSS SECTION FOR BRIDGE #2, SR 18

X1	3206.500	.000	.000	.000	51.000	51.000	51.000	.000	.200	.000
X4	1.000	65.170	5420.000	.060	.000	.000	.000	.000	.000	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.100	4921.000	5071.000	.000

FIRST CROSS SECTION FOR BRIDGE #3, PRIVATE ACCESS RD.

X1	4605.000	19.000	5000.600	5025.010	1231.500	1608.500	1398.500	.000	-.240	.000
X4	1.000	60.520	4985.000	.000	.000	.000	.000	.000	.000	.000
GR	75.000	4693.000	70.000	4704.000	65.000	4844.000	60.000	4887.000	60.880	5000.000
GR	56.380	5000.010	54.460	5001.000	53.730	5008.000	54.140	5015.000	54.370	5019.000
GR	54.430	5020.000	54.430	5020.010	54.430	5020.500	57.430	5025.000	60.180	5025.010
GR	60.000	5040.000	65.000	5195.000	70.000	5214.000	75.000	5244.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.100	4914.000	5064.000	.000
X1	4684.000	.000	.000	.000	79.000	79.000	79.000	.000	.240	.000
X3	10.000	.000	.000	.000	.000	.000	.000	60.880	60.180	.000
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4914.000	5064.000	.000

BRIDGE #3, PRIVATE ACCESS ROAD

X1	4685.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-15.000	4693.000	75.000	75.000	4704.000	70.000	70.000	4844.000	65.000	65.000
BT	.000	4887.000	60.000	60.000	5000.000	60.880	60.880	5000.010	60.880	58.750
BT	.000	5001.000	60.870	58.760	5008.000	60.850	58.850	5015.000	60.830	58.940
BT	.000	5019.000	60.830	59.010	5020.000	60.830	59.030	5020.010	60.830	54.430
BT	.000	5020.500	60.770	54.430	5025.000	60.180	57.430	5025.010	60.180	60.180
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4914.000	5064.000	.000
X1	4695.000	.000	.000	.000	10.000	10.000	10.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	10.410	.000	.000	.000

X1	4696.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	60.880	60.180	.000
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.000	.000	.000	.000	.000

LAST CROSS SECTION FOR BRIDGE #3, PRIVATE ACCESS RD.

X1	4715.000	.000	.000	.000	19.000	19.000	19.000	.000	.000	.000
NH	8.000	.190	5108.000	.110	5234.000	.120	5348.500	.095	5355.500	.060
NH	5373.500	.095	5398.000	.090	5558.000	.185	5612.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.100	5241.000	5441.000	.000

CROSS SECTION ABB

X1	4750.000	20.000	5355.500	5376.500	43.000	38.000	35.000	.000	.000	.000
X4	1.000	67.230	5108.000	.000	.000	.000	.000	.000	.000	.000
GR	75.000	5000.000	70.000	5012.000	65.000	5185.000	60.000	5234.000	55.620	5333.500
GR	55.620	5348.500	55.620	5355.500	51.320	5361.500	50.320	5362.500	50.020	5363.500
GR	49.820	5367.500	49.120	5370.500	50.320	5373.500	50.020	5373.510	54.020	5376.500
GR	56.120	5391.500	60.000	5398.000	65.000	5558.000	70.000	5578.000	75.000	5612.000
NH	6.000	100.000	5140.000	1.000	5325.000	.200	5589.000	.150	5629.000	.068
NH	5663.000	.180	5720.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.100	5273.000	5673.000	.000

CROSS SECTION ABC

X1	8310.000	18.000	5629.000	5653.000	3763.000	3438.000	3560.000	.000	.000	.000
X4	1.000	74.700	5589.000	.000	.000	.000	.000	.000	.000	.000
GR	85.000	5000.000	80.000	5050.000	75.000	5140.000	75.000	5325.000	75.000	5470.000
GR	74.600	5629.000	72.500	5636.000	69.500	5637.500	69.100	5637.510	69.000	5641.000
GR	68.800	5648.000	68.800	5652.500	69.500	5652.510	72.500	5653.000	77.900	5663.000
GR	78.900	5671.000	80.000	5700.000	85.000	5720.000	.000	.000	.000	.000
NH	6.000	100.000	4586.000	1.000	4951.000	.150	5000.000	.068	5032.000	.150
NH	5041.000	1.000	5141.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.100	4651.000	5032.000	.000

FIRST CROSS SECTION FOR BRIDGE #4, SR 1314

X1	9232.000	20.000	5000.000	5032.000	973.000	895.000	922.000	.000	-.700	.000
X4	3.000	80.720	4586.000	81.310	5041.000	77.260	4951.000	.000	.000	.000
GR	95.700	4085.000	90.700	4097.000	90.700	4137.000	85.700	4302.000	80.700	4634.000
GR	77.540	5000.000	74.200	5003.000	73.890	5003.300	73.420	5015.000	73.400	5016.000
GR	73.400	5026.010	74.200	5029.700	77.800	5032.000	79.220	5035.000	79.220	5035.010
GR	80.700	5036.000	85.700	5055.000	90.700	5061.000	95.700	5101.000	100.700	5141.000

THIS RUN EXECUTED 02-24-86 18:13:19

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

ABINGDON CREEK

SUMMARY PRINTOUT TABLE 150

SECCO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
375.000	.00	.00	.00	37.74	1520.00	46.19	.00	46.44	32.27	4.32	686.10	285.19
375.000	.00	.00	.00	37.74	3160.00	47.71	.00	47.96	32.35	4.87	1926.97	555.57
375.000	.00	.00	.00	37.74	3750.00	48.15	.00	48.40	32.42	5.03	2431.98	658.64
375.000	.00	.00	.00	37.74	6300.00	49.78	.00	50.04	32.22	5.60	4821.19	1109.97
2156.800	1781.80	.00	.00	44.97	1620.00	52.05	.00	52.45	36.16	5.91	547.45	269.38
2156.800	1781.80	.00	.00	44.97	3160.00	53.56	.00	54.01	37.69	6.92	1197.37	514.75
2156.800	1781.80	.00	.00	44.97	3750.00	54.00	.00	54.47	38.03	7.29	1461.55	608.07
2156.800	1781.80	.00	.00	44.97	6300.00	55.57	.00	56.12	38.74	8.50	2580.08	1012.13
2311.800	155.00	.00	.00	45.32	1620.00	52.50	.00	53.48	63.85	7.93	204.21	202.74
2311.800	155.00	.00	.00	45.32	3160.00	53.65	.00	56.08	128.40	12.50	252.72	278.88
* 2311.800	155.00	.00	.00	45.32	3750.00	54.00	54.00	57.04	151.21	13.99	268.00	304.96
* 2311.800	155.00	.00	.00	45.32	6300.00	56.45	56.45	60.81	137.89	16.75	376.15	536.51
2312.800	1.00	55.00	60.00	45.32	1620.00	52.43	51.10	53.57	72.39	8.60	188.46	190.40
* 2312.800	1.00	55.00	60.00	45.32	3160.00	53.46	53.46	56.45	156.34	13.86	228.30	252.73
* 2312.800	1.00	55.00	60.00	45.32	3750.00	54.19	54.19	57.51	149.11	14.64	256.90	307.10
* 2312.800	1.00	55.00	60.00	45.32	6300.00	61.65	.00	62.02	108.34	7.38	3911.91	605.26
2337.300	24.50	55.00	60.00	45.32	1620.00	52.77	51.10	53.78	59.23	8.04	201.75	210.49
2337.300	24.50	55.00	60.00	45.32	3160.00	55.33	53.46	57.05	62.01	10.50	308.46	401.28
2337.300	24.50	55.00	60.00	45.32	3750.00	56.19	54.19	58.27	166.08	11.58	414.03	290.99
2337.300	24.50	55.00	60.00	45.32	6300.00	61.99	.00	62.27	82.25	6.61	4250.75	694.65
2338.300	1.00	.00	.00	45.32	1620.00	53.06	.00	53.85	45.95	7.11	227.86	239.99
2338.300	1.00	.00	.00	45.32	3160.00	55.96	.00	57.19	42.37	8.92	354.26	485.49
2338.300	1.00	.00	.00	45.32	3750.00	57.21	.00	58.51	36.95	9.17	409.02	616.88
2338.300	1.00	.00	.00	45.32	6300.00	62.28	.00	62.34	2.68	3.30	8450.86	3849.02
2376.300	38.00	.00	.00	45.55	1620.00	53.98	.00	54.11	11.17	3.72	1110.24	484.79
2376.300	38.00	.00	.00	45.55	3160.00	57.50	.00	57.57	4.73	3.30	3667.57	1452.52
2376.300	38.00	.00	.00	45.55	3750.00	58.85	.00	58.91	3.56	3.13	4859.14	1986.55
2376.300	38.00	.00	.00	45.55	6300.00	62.29	.00	62.35	2.87	3.38	8230.51	3720.79

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
2775.000	398.70	.00	.00	47.30	1620.00	55.02	.00	55.41	49.51	6.34	778.73	230.22
2775.000	398.70	.00	.00	47.30	3160.00	57.87	.00	57.97	14.37	4.37	2737.93	833.46
2775.000	398.70	.00	.00	47.30	3750.00	59.11	.00	59.18	9.56	3.88	3644.41	1212.73
2775.000	398.70	.00	.00	47.30	6300.00	62.48	.00	62.54	6.01	3.71	6203.72	2569.85
2907.500	132.50	.00	.00	47.47	1620.00	55.56	.00	55.66	9.56	2.52	801.31	524.02
2907.500	132.50	.00	.00	47.47	3160.00	58.01	.00	58.08	5.27	2.46	2814.88	1376.06
2907.500	132.50	.00	.00	47.47	3750.00	59.20	.00	59.25	3.61	2.26	3911.40	1972.79
2907.500	132.50	.00	.00	47.47	6300.00	62.53	.00	62.58	2.31	2.26	7379.97	4147.96
3114.500	207.00	.00	.00	48.78	1620.00	55.76	.00	55.84	8.26	2.31	700.55	563.68
3114.500	207.00	.00	.00	48.78	3160.00	58.11	.00	58.24	7.80	2.97	1064.22	1131.62
3114.500	207.00	.00	.00	48.78	3750.00	59.26	.00	59.40	6.55	3.02	1242.46	1464.82
3114.500	207.00	.00	.00	48.78	6300.00	62.54	.00	62.74	5.89	3.60	1751.48	2596.14
3115.500	1.00	64.89	75.00	48.78	1620.00	55.25	54.41	56.35	124.67	8.41	192.61	145.09
3115.500	1.00	64.89	75.00	48.78	3160.00	57.21	56.31	59.15	132.18	11.18	283.59	274.85
3115.500	1.00	64.89	75.00	48.78	3750.00	58.36	56.93	60.30	104.83	11.17	337.46	366.27
3115.500	1.00	64.89	75.00	48.78	6300.00	61.24	59.37	64.05	97.56	13.45	470.42	637.84
3154.500	39.00	64.89	75.00	48.78	1620.00	56.01	54.41	56.80	71.55	7.12	227.78	191.52
3154.500	39.00	64.89	75.00	48.78	3160.00	58.28	56.31	59.69	77.65	9.53	333.18	358.60
3154.500	39.00	64.89	75.00	48.78	3750.00	59.18	56.93	60.75	73.59	10.05	375.34	437.14
3154.500	39.00	64.89	75.00	48.78	6300.00	62.13	59.37	64.51	73.85	12.38	511.20	733.10
3155.500	1.00	.00	.00	48.78	1620.00	56.97	.00	57.02	3.73	1.82	888.99	838.44
3155.500	1.00	.00	.00	48.78	3160.00	60.00	.00	60.09	3.46	2.33	1358.46	1699.78
3155.500	1.00	.00	.00	48.78	3750.00	61.10	.00	61.19	3.29	2.45	1527.64	2067.06
3155.500	1.00	.00	.00	48.78	6300.00	65.18	.00	65.21	1.13	1.81	8232.93	5917.75
3206.500	51.00	.00	.00	48.98	1620.00	56.99	.00	57.04	3.92	1.83	1088.23	818.12
3206.500	51.00	.00	.00	48.98	3160.00	60.06	.00	60.11	2.50	1.96	3010.70	1997.82
3206.500	51.00	.00	.00	48.98	3750.00	61.17	.00	61.22	2.06	1.93	3986.44	2612.02
3206.500	51.00	.00	.00	48.98	6300.00	65.18	.00	65.22	1.26	1.89	8000.86	5619.56
* 4605.000	1398.50	.00	.00	53.49	1620.00	60.79	60.79	61.97	166.75	9.06	266.58	125.45
* 4605.000	1398.50	.00	.00	53.49	3160.00	62.35	62.35	63.44	158.02	10.17	616.23	251.38
4605.000	1398.50	.00	.00	53.49	3750.00	62.90	.00	63.87	141.40	10.05	763.10	315.36
4605.000	1398.50	.00	.00	53.49	6300.00	67.05	.00	67.26	27.14	5.71	2233.33	1209.21
4684.000	79.00	.00	.00	53.73	1620.00	62.47	.00	62.79	45.57	5.41	588.69	239.98
4684.000	79.00	.00	.00	53.73	3160.00	63.92	.00	64.30	55.42	6.66	992.19	424.48
4684.000	79.00	.00	.00	53.73	3750.00	64.29	.00	64.70	60.53	7.14	1105.38	482.00
4684.000	79.00	.00	.00	53.73	6300.00	67.26	.00	67.47	27.49	5.74	2222.86	1201.58
4685.000	1.00	60.00	75.00	53.73	1620.00	62.52	.00	62.81	220.19	5.60	535.86	109.17
4685.000	1.00	60.00	75.00	53.73	3160.00	64.08	.00	64.34	164.93	5.72	977.98	246.06
4685.000	1.00	60.00	75.00	53.73	3750.00	64.47	.00	64.75	164.38	5.92	1106.05	292.48
4685.000	1.00	60.00	75.00	53.73	6300.00	67.31	.00	67.49	58.23	4.36	2180.76	825.57

SECNO	XLCH	ELTRD	ELLC	ELMIN	O	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
4695.000	10.00	60.00	75.00	53.73	1620.00	62.80	.00	63.01	157.77	4.90	608.99	128.97
4695.000	10.00	60.00	75.00	53.73	3160.00	64.27	.00	64.50	138.85	5.34	1039.90	268.17
4695.000	10.00	60.00	75.00	53.73	3750.00	64.67	.00	64.91	140.05	5.56	1170.59	316.87
4695.000	10.00	60.00	75.00	53.73	6300.00	67.37	.00	67.55	56.48	4.31	2202.91	838.29
4696.000	1.00	.00	.00	53.73	1620.00	62.79	.00	63.03	35.02	4.86	668.98	273.76
4696.000	1.00	.00	.00	53.73	3160.00	64.24	.00	64.55	44.16	6.08	1092.90	475.55
4696.000	1.00	.00	.00	53.73	3750.00	64.63	.00	64.96	47.65	6.48	1221.63	543.26
4696.000	1.00	.00	.00	53.73	6300.00	67.36	.00	67.56	26.00	5.62	2269.23	1235.49
4715.000	19.00	.00	.00	53.73	1620.00	62.88	.00	63.10	32.60	4.73	691.96	283.72
4715.000	19.00	.00	.00	53.73	3160.00	64.35	.00	64.63	40.95	5.90	1128.07	493.78
4715.000	19.00	.00	.00	53.73	3750.00	64.75	.00	65.06	44.08	6.27	1261.66	564.85
4715.000	19.00	.00	.00	53.73	6300.00	67.42	.00	67.61	25.41	5.57	2288.76	1249.84
4750.000	35.00	.00	.00	49.12	1620.00	63.14	.00	63.19	5.36	2.59	1306.57	699.63
4750.000	35.00	.00	.00	49.12	3160.00	64.65	.00	64.75	9.80	3.79	1801.73	1009.42
4750.000	35.00	.00	.00	49.12	3750.00	65.07	.00	65.18	11.38	4.17	1955.48	1111.56
4750.000	35.00	.00	.00	49.12	6300.00	67.58	.00	67.70	10.74	4.52	3020.13	1222.78
8310.000	3560.00	.00	.00	68.80	1620.00	75.91	75.91	76.72	246.42	8.42	624.86	103.20
8310.000	3560.00	.00	.00	68.80	3160.00	77.71	.00	78.10	133.77	7.29	1620.51	273.22
8310.000	3560.00	.00	.00	68.80	3750.00	78.28	.00	78.63	117.14	7.21	1950.48	346.47
8310.000	3560.00	.00	.00	68.80	6300.00	79.93	.00	80.31	108.77	8.09	2959.73	604.06
9232.000	922.00	.00	.00	72.70	1620.00	81.46	.00	81.67	28.40	4.40	1459.34	303.99
9232.000	922.00	.00	.00	72.70	3160.00	83.51	.00	83.87	39.44	6.02	2647.63	503.15
9232.000	922.00	.00	.00	72.70	3750.00	84.16	.00	84.56	42.53	6.51	3080.91	575.02
9232.000	922.00	.00	.00	72.70	6300.00	86.51	.00	87.09	52.11	8.21	4866.90	872.71
9371.000	139.00	.00	.00	73.40	1620.00	81.90	.00	82.05	23.32	3.91	1666.04	335.43
9371.000	139.00	.00	.00	73.40	3160.00	84.13	.00	84.39	32.55	5.44	2648.36	553.91
9371.000	139.00	.00	.00	73.40	3750.00	84.82	.00	85.12	35.17	5.91	2993.81	632.34
9371.000	139.00	.00	.00	73.40	6300.00	87.38	.00	87.77	38.72	7.14	5056.88	1012.50
* 9423.000	52.00	84.72	83.40	73.30	1620.00	81.71	80.34	83.94	1146.08	11.98	135.22	47.85
9423.000	52.00	84.72	83.40	73.30	3160.00	86.00	.00	86.06	31.03	3.25	3594.61	567.32
9423.000	52.00	84.72	83.40	73.30	3750.00	86.28	.00	86.36	39.64	3.73	3755.47	595.62
9423.000	52.00	84.72	83.40	73.30	6300.00	87.69	.00	87.83	60.93	5.01	5260.51	807.09
9457.000	34.00	.00	.00	73.67	1620.00	84.58	.00	84.64	7.39	2.62	3029.61	596.05
9457.000	34.00	.00	.00	73.67	3160.00	86.03	.00	86.18	16.35	4.26	3931.96	781.40
9457.000	34.00	.00	.00	73.67	3750.00	86.32	.00	86.51	20.89	4.89	4123.66	820.42
9457.000	34.00	.00	.00	73.67	6300.00	87.73	.00	88.11	37.67	7.07	5145.66	1026.45
10240.000	783.00	.00	.00	77.20	1620.00	86.89	.00	87.31	57.44	5.42	543.16	213.75
10240.000	783.00	.00	.00	77.20	3160.00	88.57	.00	89.32	85.88	7.67	923.91	341.00
10240.000	783.00	.00	.00	77.20	3750.00	89.25	.00	90.06	87.00	8.13	1098.49	402.04
10240.000	783.00	.00	.00	77.20	6300.00	91.80	.00	92.82	86.64	9.57	1855.88	676.82

ABINGDON CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
375.000	1620.00	46.19	.00	.00	-33.49	569.92	.00
375.000	3160.00	47.71	1.52	.00	-31.97	1063.82	.00
375.000	3750.00	48.15	.44	.00	-31.53	1208.00	.00
375.000	6300.00	49.78	1.63	.00	-29.90	1732.48	.00
2156.800	1620.00	52.05	.00	5.86	.00	331.35	1781.80
2156.800	3160.00	53.56	1.51	5.86	.00	569.78	1781.80
2156.800	3750.00	54.00	.44	5.85	.00	629.74	1781.80
2156.800	6300.00	55.57	1.56	5.79	.00	767.62	1781.80
2311.800	1620.00	52.50	.00	.46	.00	41.54	155.00
2311.800	3160.00	53.65	1.14	.09	.00	43.49	155.00
* 2311.800	3750.00	54.00	.35	-.01	.00	44.02	155.00
* 2311.800	6300.00	56.45	2.75	.88	.00	44.02	155.00
2312.800	1620.00	52.43	.00	-.08	.00	334.79	1.00
* 2312.800	3160.00	53.46	1.04	-.19	.00	462.32	1.00
* 2312.800	3750.00	54.19	.72	.19	.00	607.90	1.00
* 2312.800	6300.00	61.65	7.46	5.20	.00	996.00	1.00
2337.300	1620.00	52.77	.00	.35	.00	378.12	24.50
2337.300	3160.00	55.33	2.56	1.87	.00	734.51	24.50
2337.300	3750.00	56.19	.86	2.01	.00	782.92	24.50
2337.300	6300.00	61.99	5.80	.34	.00	996.00	24.50
2338.300	1620.00	53.06	.00	.29	.00	42.40	1.00
2338.300	3160.00	55.96	2.90	.63	.00	44.02	1.00
2338.300	3750.00	57.21	1.25	1.01	.00	44.02	1.00
2338.300	6300.00	62.28	5.08	.29	.00	996.00	1.00
2376.300	1620.00	53.98	.00	.92	.00	522.53	38.00
2376.300	3160.00	57.50	3.52	1.54	.00	843.12	38.00
2376.300	3750.00	58.85	1.35	1.64	.00	918.70	38.00
2376.300	6300.00	62.29	3.44	.01	.00	996.00	38.00
2775.000	1620.00	55.02	.00	1.04	.00	662.41	398.70
2775.000	3160.00	57.87	2.85	.37	.00	718.04	398.70
2775.000	3750.00	59.11	1.24	.26	.00	742.37	398.70
2775.000	6300.00	62.48	3.37	.19	.00	760.00	398.70
2907.500	1620.00	55.56	.00	.54	.00	560.00	132.50
2907.500	3160.00	58.01	2.45	.14	.00	901.81	132.50
2907.500	3750.00	59.20	1.19	.09	.00	935.94	132.50
2907.500	6300.00	62.53	3.34	.06	.00	1132.74	132.50

SECHO	Q	CASEL	DIFWSP	DIFWSX	DIFKWS	TOPMID	XLCH
3114.500	1620.00	55.76	.00	.20	.00	155.00	207.00
3114.500	3160.00	58.11	2.35	.10	.00	155.00	207.00
3114.500	3750.00	59.26	1.15	.06	.00	155.00	207.00
3114.500	6300.00	62.54	3.28	.01	.00	155.00	207.00
3115.500	1620.00	55.25	.00	-.50	.00	191.20	1.00
3115.500	3160.00	57.21	1.95	-.90	.00	467.84	1.00
3115.500	3750.00	58.36	1.15	-.90	.00	630.57	1.00
3115.500	6300.00	61.24	2.88	-1.30	.00	919.67	1.00
3154.500	1620.00	56.01	.00	.76	.00	298.46	39.00
3154.500	3160.00	58.28	2.26	1.07	.00	617.61	39.00
3154.500	3750.00	59.18	.90	.82	.00	745.71	39.00
3154.500	6300.00	62.13	2.95	.89	.00	960.93	39.00
3155.500	1620.00	56.97	.00	.96	.00	155.00	1.00
3155.500	3160.00	60.00	3.03	1.73	.00	155.00	1.00
3155.500	3750.00	61.10	1.09	1.92	.00	155.00	1.00
3155.500	6300.00	65.18	4.08	3.05	.00	1213.52	1.00
3206.500	1620.00	56.99	.00	.02	.00	408.99	51.00
3206.500	3160.00	60.06	3.07	.06	.00	842.69	51.00
3206.500	3750.00	61.17	1.11	.08	.00	907.43	51.00
3206.500	6300.00	65.18	4.01	.00	.00	1094.69	51.00
4605.000	1620.00	60.79	.00	3.80	.00	193.96	1398.50
4605.000	3160.00	62.35	1.56	2.29	.00	255.56	1398.50
4605.000	3750.00	62.90	.55	1.73	.00	277.39	1398.50
4605.000	6300.00	67.05	4.15	1.87	.00	423.75	1398.50
4684.000	1620.00	62.47	.00	1.68	.00	251.26	79.00
4684.000	3160.00	63.92	1.44	1.57	.00	308.36	79.00
4684.000	3750.00	64.29	.37	1.38	.00	322.57	79.00
4684.000	6300.00	67.26	2.98	.21	.00	422.96	79.00
4685.000	1620.00	62.52	.00	.05	.00	252.85	1.00
4685.000	3160.00	64.08	1.56	.16	.00	314.57	1.00
4685.000	3750.00	64.47	.40	.19	.00	330.30	1.00
4685.000	6300.00	67.31	2.84	.05	.00	424.54	1.00
4695.000	1620.00	62.80	.00	.28	.00	264.06	10.00
4695.000	3160.00	64.27	1.47	.20	.00	322.27	10.00
4695.000	3750.00	64.67	.40	.20	.00	337.95	10.00
4695.000	6300.00	67.37	2.70	.06	.00	426.19	10.00
4696.000	1620.00	62.79	.00	-.01	.00	263.61	1.00
4696.000	3160.00	64.24	1.45	-.03	.00	321.04	1.00
4696.000	3750.00	64.63	.39	-.04	.00	336.54	1.00
4696.000	6300.00	67.36	2.73	-.01	.00	426.43	1.00

* *

02-24-86 18:08:06

SECNO	Q	CUSEL	DIFWSP	DIFUSX	DIFKVS	TOPVID	XLCH
4715.000	1620.00	62.88	.00	.09	.00	267.04	19.00
4715.000	3160.00	64.35	1.47	.11	.00	325.35	19.00
4715.000	3750.00	64.75	.40	.12	.00	341.22	19.00
4715.000	6300.00	67.42	2.67	.05	.00	427.89	19.00
4750.000	1620.00	63.14	.00	.26	.00	295.23	35.00
4750.000	3160.00	64.65	1.51	.30	.00	358.54	35.00
4750.000	3750.00	65.07	.42	.32	.00	375.80	35.00
4750.000	6300.00	67.58	2.51	.16	.00	472.56	35.00
8310.000	1620.00	75.91	.00	12.77	.00	535.63	3560.00
8310.000	3160.00	77.71	1.80	13.05	.00	571.35	3560.00
8310.000	3750.00	78.28	.57	13.20	.00	585.00	3560.00
8310.000	6300.00	79.93	1.65	12.34	.00	646.68	3560.00
9232.000	1620.00	81.46	.00	5.55	.00	504.07	922.00
9232.000	3160.00	83.51	2.06	5.81	.00	648.69	922.00
9232.000	3750.00	84.16	.65	5.88	.00	693.97	922.00
9232.000	6300.00	86.51	2.35	6.59	.00	804.69	922.00
9371.000	1620.00	81.90	.00	.44	.00	397.28	139.00
9371.000	3160.00	84.13	2.23	.62	.00	464.18	139.00
9371.000	3750.00	84.82	.69	.67	.00	511.19	139.00
9371.000	6300.00	87.38	2.56	.87	.00	760.95	139.00
9423.000	1620.00	81.71	.00	.19	.00	30.75	52.00
9423.000	3160.00	86.00	4.29	1.87	.00	573.79	52.00
9423.000	3750.00	86.28	.28	1.45	.00	588.13	52.00
9423.000	6300.00	87.69	1.42	.31	.00	779.44	52.00
9457.000	1620.00	84.58	.00	2.87	.00	582.95	34.00
9457.000	3160.00	86.03	1.45	.03	.00	665.08	34.00
9457.000	3750.00	86.32	.28	.04	.00	681.93	34.00
9457.000	6300.00	87.73	1.41	.04	.00	765.53	34.00
10240.000	1620.00	86.89	.00	2.31	.00	208.62	783.00
10240.000	3160.00	88.57	1.68	2.53	.00	247.98	783.00
10240.000	3750.00	89.25	.68	2.93	.00	264.07	783.00
10240.000	6300.00	91.80	2.55	4.07	.00	329.49	783.00

FF 190
FF 600

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THIS RUN EXECUTED 02-24-86 18:34:49

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

C
 T1 HAYES, SEAY, MATTERH & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: AB.HEC ENG: SKE EA: EKL COMM 2320
 T3 ABINGDON CREEK DATE: 2/5/86 100-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	.003247	.00	.0	0.	79.680	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CPNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	.000	.000	.000	.000	.000	.000	.000	.000
J6	INLEQ	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	6.000	1620.000	2370.000	3160.000	3750.000	6300.000	3750.000	.000	.000	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	6352.000	.180	6552.000	.050	6593.000	.090	6793.000	100.000
NH	6939.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	10.410	.000	.000	.000

ABINGDON CREEK

ON QT CARDS, DISCHARGES ARE AS FOLLOWED

FIELD	#1	#2	#3	#4	#5	#6	#7
Q#	10-YEAR	25-YEAR	50-YEAR	100-YEAR	500-YEAR	100-YEAR	
	(83-FLOOD)	(77-FLOOD)					

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATION

LAST CROSS SECTION FOR BRIDGE #2, SR 18

X1	3206.500	.000	.000	.000	51.000	51.000	51.000	.000	.200	.000
X4	1.000	65.170	5420.000	.000	.000	.000	.000	.000	.000	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.600	8.100	4921.000	5071.000	.000

FIRST CROSS SECTION FOR BRIDGE #3, PRIVATE ACCESS RD.

X1	4605.000	19.000	5000.000	5025.010	1231.500	1608.500	1395.500	.000	-.240	.000
X4	1.000	60.520	4985.000	.000	.000	.000	.000	.000	.000	.000
GR	75.000	4693.000	70.000	4704.000	65.000	4844.000	60.000	4887.000	60.880	5000.000
GR	56.380	5000.010	54.460	5001.900	53.730	5008.000	54.140	5015.000	54.370	5019.000
GR	54.430	5020.000	54.430	5020.010	54.430	5020.500	57.430	5025.000	60.180	5025.010
GR	60.000	5040.000	65.000	5195.000	70.000	5214.000	75.000	5244.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.100	4914.000	5064.000	.000
X1	4684.000	.000	.000	.000	79.000	79.000	79.000	.000	.240	.000
X3	10.000	.000	.000	.000	.000	.000	.000	60.880	60.180	.000
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4914.000	5064.000	.000

BRIDGE #3, PRIVATE ACCESS ROAD

X1	4685.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-15.000	4693.000	75.000	75.000	4704.000	70.000	70.000	4844.000	65.000	65.000
BT	.000	4887.000	60.000	60.000	5000.000	60.880	60.880	5019.010	60.880	58.750
BT	.000	5001.000	60.870	58.760	5008.000	60.850	58.850	5015.000	60.830	58.940
BT	.000	5019.000	60.830	59.010	5020.000	60.830	59.030	5020.010	60.830	54.430
BT	.000	5020.500	60.770	54.430	5025.000	60.180	57.430	5025.010	60.180	60.180
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4914.000	5064.000	.000
X1	4695.000	.000	.000	.000	10.000	10.000	10.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	10.410	.000	.000	.000

X1	4696.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	60.880	60.180	.000
NH	7.000	.110	4887.000	.120	4985.000	.095	5000.000	.060	5025.010	.095
NH	5040.000	.090	5195.000	.185	5244.000	.030	.000	.000	.000	.000

LAST CROSS SECTION FOR BRIDGE #3, PRIVATE ACCESS RD.

X1	4715.000	.000	.000	.000	19.000	19.000	19.000	.000	.000	.000
NH	8.000	.190	5108.000	.110	5234.000	.120	5348.500	.095	5355.500	.060
NH	5373.500	.095	5398.000	.090	5558.000	.185	5612.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.100	5241.000	5441.000	.000

CROSS SECTION ABB

X1	4750.000	20.000	5355.500	5376.500	43.000	38.000	35.000	.000	.000	.000
X4	1.000	67.230	5108.000	.000	.000	.000	.000	.000	.000	.000
GR	75.000	5000.000	70.000	5012.000	65.000	5185.000	60.000	5234.000	55.620	5333.500
GR	55.620	5348.500	55.620	5355.500	51.320	5361.500	50.320	5362.500	50.020	5363.500
GR	49.820	5357.500	49.120	5370.500	50.320	5373.500	50.020	5373.510	54.020	5376.500
GR	56.120	5391.500	60.000	5398.000	65.000	5558.000	70.000	5578.000	75.000	5612.000
NH	6.000	100.000	5140.000	1.000	5325.000	.200	5589.000	.150	5629.000	.068
NH	5663.000	.180	5720.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.100	5273.000	5673.000	.000

CROSS SECTION ABC

X1	8310.000	18.000	5629.000	5663.000	3763.000	3438.000	3560.000	.000	.000	.000
X4	1.000	74.700	5589.000	.000	.000	.000	.000	.000	.000	.000
GR	85.000	5000.000	80.000	5050.000	75.000	5140.000	75.000	5325.000	75.000	5470.000
GR	74.600	5629.000	72.500	5636.000	69.500	5637.500	69.100	5637.510	69.000	5641.000
GR	68.800	5648.000	68.800	5652.500	69.500	5652.510	72.500	5653.000	77.900	5663.000
GR	78.900	5671.000	80.000	5700.000	85.000	5720.000	.000	.000	.000	.000
NH	6.000	100.000	4586.000	1.000	4951.000	.150	5000.000	.068	5032.000	.150
NH	5041.000	1.000	5141.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	8.100	4651.000	5032.000	.000

FIRST CROSS SECTION FOR BRIDGE #4, SR 1314

X1	9232.000	20.000	5000.000	5032.000	973.000	895.000	922.000	.000	-.700	.000
X4	3.000	80.720	4586.000	81.310	5041.000	77.260	4951.000	.000	.000	.000
GR	95.700	4089.000	90.700	4097.000	90.700	4137.000	85.700	4302.000	80.700	4634.000
GR	77.540	5000.000	74.200	5003.000	73.890	5003.300	73.420	5015.000	73.400	5016.000
GR	73.400	5026.010	74.200	5029.700	77.800	5032.000	79.220	5035.000	79.220	5035.010
GR	80.700	5036.000	85.700	5055.000	90.700	5061.000	95.700	5101.000	100.700	5141.000

THIS RUN EXECUTED 02-24-86 18:37:43

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

ABINGDON CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
375.000	48.15	-31.53	48.40	1208.00	468.18	2290.44	991.38	.00	.00	6526.00	6593.00	.00
375.000	48.15	.00	48.70	168.19	12.92	2986.97	750.11	.29	6521.54	6526.00	6593.00	6689.73
2156.800	54.00	.00	54.47	629.74	1661.60	2066.20	22.20	.00	.00	4997.00	5041.01	.00
2156.800	54.89	.89	55.40	170.00	1477.52	2271.69	.80	170.00	4872.00	4997.00	5041.01	5042.00
* 2311.800	54.00	.00	57.04	44.02	.00	3750.00	.00	.00	.00	4997.00	5041.01	.00
2311.800	54.81	.81	57.18	44.01	.00	3750.00	.00	.00	4997.00	4997.00	5041.01	5041.01
* 2312.800	54.19	.00	57.51	607.90	.00	3750.00	.00	.00	.00	4997.00	5041.01	.00
2312.800	54.73	.55	57.27	44.01	.00	3750.00	.00	.50	4997.00	4997.00	5041.01	5041.01
2337.300	56.19	.00	58.27	782.92	.06	3749.94	.00	.00	.00	4997.00	5041.01	.00
2337.300	55.74	-.45	57.68	44.01	.00	3750.00	.00	.72	4997.00	4997.00	5041.01	5041.01
2338.300	57.21	.00	58.51	44.02	.00	3750.00	.00	.00	.00	4997.00	5041.01	.00
2338.300	56.08	-1.13	57.77	44.01	.00	3750.00	.00	.00	4997.00	4997.00	5041.01	5041.01
2376.300	58.85	.00	58.91	918.70	1891.80	1476.19	382.01	.00	.00	4997.00	5041.01	.00
2376.300	57.61	-1.24	58.21	111.00	687.32	2896.67	166.01	111.00	4959.00	4997.00	5041.01	5070.00
2775.000	59.11	.00	59.18	742.37	1871.63	1009.96	868.41	.00	.00	5560.00	5585.00	.00
2775.000	58.83	-.28	59.01	249.93	1828.60	1302.47	618.92	.23	5402.93	5560.00	5585.00	5652.86
2907.500	59.20	.00	59.25	935.94	516.47	2533.48	700.05	.00	.00	4921.00	5057.50	.00
2907.500	59.01	-.19	59.16	200.00	103.85	3487.13	159.02	200.00	4895.00	4921.00	5057.50	5095.00
3114.500	59.26	.00	59.40	155.00	.00	3750.00	.00	.00	.00	4902.50	5057.50	.00
3114.500	59.16	-.10	59.30	155.00	.00	3750.00	.00	.00	4902.50	4902.50	5057.50	5057.50
3115.500	58.36	.00	60.30	630.57	.00	3749.93	.06	.00	.00	4902.50	5057.50	.00
3115.500	59.00	.64	59.46	155.00	.00	3750.00	.00	.31	4902.50	4902.50	5057.50	5057.50

SECNO	CWSEL	DIFKWS	EG	TOPMID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
3154.500	59.18	.00	60.75	745.71	.00	3749.94	.06	.00	.00	4902.50	5057.50	.00
3154.500	59.12	-.06	59.56	155.00	.00	3750.00	.00	.36	4902.50	4902.50	5057.50	5057.50
3155.500	61.10	.00	61.19	155.00	.00	3750.00	.00	.00	.00	4902.50	5057.50	.00
3155.500	59.53	-1.57	59.66	155.00	.00	3750.00	.00	.00	4902.50	4902.50	5057.50	5057.50
3206.500	61.17	.00	61.22	907.43	507.79	2905.64	336.58	.00	.00	4902.50	5057.50	.00
3206.500	59.55	-1.62	59.69	156.00	.26	3749.24	.50	156.00	4902.00	4902.50	5057.50	5058.00
4605.000	62.90	.00	63.87	277.39	989.43	2176.04	584.53	.00	.00	5000.00	5025.01	.00
4605.000	63.19	.29	64.46	150.00	722.67	2438.80	588.52	150.00	4921.00	5000.00	5025.01	5071.00
4684.000	64.29	.00	64.70	322.57	1194.91	1749.93	805.16	.00	.00	5000.00	5025.01	.00
4684.000	64.81	.52	65.44	150.00	1025.69	2096.07	628.24	150.00	4914.00	5000.00	5025.01	5064.00
4685.000	64.47	.00	64.75	330.30	1164.65	1106.63	1478.71	.00	.00	5000.00	5025.01	.00
4685.000	65.14	.67	65.53	150.00	1542.38	1206.50	1001.12	150.00	4914.00	5000.00	5025.01	5064.00
4695.000	64.67	.00	64.91	337.95	1171.19	1065.79	1513.02	.00	.00	5000.00	5025.01	.00
4695.000	65.31	.64	65.68	150.00	1557.52	1187.03	1005.45	150.00	4914.00	5000.00	5025.01	5064.00
4696.000	64.63	.00	64.96	336.54	1236.97	1646.83	866.21	.00	.00	5000.00	5025.01	.00
4696.000	65.25	.61	65.76	152.26	1055.68	1995.38	698.94	.28	4915.13	5000.00	5025.01	5067.39
4715.000	64.75	.00	65.06	341.22	1249.33	1614.72	885.95	.00	.00	5000.00	5025.01	.00
4715.000	65.41	.66	65.88	155.34	1072.81	1943.90	733.28	.28	4914.30	5000.00	5025.01	5069.64
4750.000	65.07	.00	65.18	375.80	1660.05	1214.68	875.27	.00	.00	5355.50	5376.50	.00
4750.000	65.93	.86	66.05	200.00	1649.74	1273.30	826.95	200.00	5241.00	5355.50	5376.50	5441.00
8310.000	78.28	.00	78.63	585.00	2171.04	1578.79	.17	.00	.00	5629.00	5663.00	.00
8310.000	79.28	1.00	79.50	400.00	2272.05	1473.57	4.38	400.00	5273.00	5629.00	5663.00	5673.00
9232.000	84.16	.00	84.56	693.97	1406.56	2270.50	72.94	.00	.00	5000.00	5032.00	.00
9232.000	84.41	.25	84.77	381.00	1525.59	2224.41	.00	381.00	4651.00	5000.00	5032.00	5032.00
9371.000	84.82	.00	85.12	511.19	1695.83	2054.17	.00	.00	.00	5000.00	5032.00	.00
9371.000	85.14	.31	85.40	302.00	1763.25	1986.75	.00	302.00	4730.00	5000.00	5032.00	5032.00
9423.000	86.28	.00	86.36	588.13	2416.53	1333.47	.00	.00	.00	5000.00	5032.00	.00
9423.000	86.91	.63	86.99	302.00	2412.29	1337.71	.00	302.00	4730.00	5000.00	5032.00	5032.00
9457.000	86.32	.00	86.51	681.93	1684.78	1890.90	174.33	.00	.00	5000.00	5032.00	.00
9457.000	86.96	.64	87.14	302.00	1843.09	1906.91	.00	302.00	4730.00	5000.00	5032.00	5032.00
10240.000	89.25	.00	90.06	264.07	386.35	2972.11	391.53	.00	.00	5229.00	5269.00	.00
10240.000	90.02	.78	91.20	60.60	95.70	3547.84	106.47	.20	5218.21	5229.00	5269.00	5278.80

FW

FLOODWAY DATA, ABINGDON CREEK
PROFILE NO. 2

STATION	WIDTH	FLOODWAY		WATER SURFACE ELEVATION		
		SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
375.000	168.	765.	4.9	48.2	48.2	.0
2156.800	170.	915.	4.1	54.9	54.0	.9
2311.800	44.	304.	12.4	54.8	54.0	.8
2312.800	44.	293.	12.8	54.7	54.2	.5
2357.300	44.	335.	11.2	55.8	56.2	-.4
2338.300	44.	359.	10.4	56.2	57.2	-1.0
2376.300	111.	794.	4.7	57.7	58.8	-1.1
A 2775.000	250. ✓	1449.	2.6	58.9	59.1	-.2
B 2907.500	200. ✓	1349.	2.8	59.1	59.2	-.1
3114.500	155.	1227.	3.1	59.3	59.3	.0
3115.500	155.	690.	5.4	59.0	58.4	.6
3154.500	155.	702.	5.3	59.2	59.2	.0
3155.500	155.	1285.	2.9	59.6	61.1	-1.5
3206.500	156.	1262.	3.0	59.7	61.2	-1.5
4605.000	150.	590.	6.4	63.2	62.9	.3
4684.000	150.	801.	4.7	64.8	64.3	.5
4685.000	150.	789.	4.8	65.2	64.5	.7
4695.000	150.	815.	4.6	65.3	64.7	.6
4696.000	152.	877.	4.3	65.2	64.6	.6
4715.000	155.	917.	4.1	65.5	64.8	.7
B 4750.000	200. ✓	1742.	2.2	66.0	65.1	.9
C 8310.000	400. ✓	1815.	2.1	79.3	78.3	1.0
9232.000	(381)	2473.	1.5	84.5	84.2	.3
9371.000	302.	2528.	1.5	85.1	84.8	.3
9423.000	302.	3026.	1.2	86.9	86.3	.6
9457.000	302.	2997.	1.3	86.9	86.3	.6
FD 10240.000	61. ✓	491.	7.6	90.0	89.2	.8

neg. surcharge

$$E = w + \frac{v^2}{2g}$$

$$Q = RA$$