

SPAINHOUR

CREEK

THIS RUN EXECUTED 02-24-86 22:20:12

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 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984  
 ERROR CORR - 01,02,03,04,05,06  
 MODIFICATION - 50,51,52,53,54,55,56  
 IBH-PC-XT VERSION AUGUST 1985  
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C										
T1	HAYES, SEAY, MATTERN & MATTERN					CAULDWELL CO/LENOIR, NC FIS				
T2	FILENAME: SP.HEC		ENG: SKE	EA: PSJ	COMM 2320					
T3	SPAINHOUR CREEK		DATE 02/24/86		10-YEAR EVENT					
J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.006500	.00	.0	0.	117.000	.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	202.000	35.000	46.000	.000	.000	.000	.000	.000	.000
J6	IHLEQ	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	6.000	360.000	630.000	750.000	1100.000	495.000	750.000	.000	.000	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.180	4999.990	.052	5019.200	.150	5243.000	.100	5863.000	.000
ET	.000	.000	.000	.000	.000	.000	8.100	4999.000	5170.000	.000

SPAINHOUR CREEK

ADD 1000 FEET TO ALL ELEVATIONS TO GET TRUE ELEVATION

QT 10-YR. 50-YR. 100-YR. 500-YR. 25-YR. 100-YR. FLOODWAY  
 1977

CROSS SECTION FOR BRIDGE #1, PRIVATE ACCESS RD.

X1	190.200	22.000	4999.990	5019.200	45.200	140.200	190.200	.000	-.520	.000
GR	140.000	4740.000	135.000	4762.000	130.000	4795.000	125.000	4850.000	120.000	4900.000
GR	117.250	4999.990	113.330	5000.000	112.120	5003.200	111.690	5007.200	112.120	5011.200
GR	113.960	5012.200	115.260	5016.940	115.270	5016.950	115.200	5019.190	116.870	5019.200
GR	115.000	5243.000	115.000	5273.000	120.000	5291.000	125.000	5474.000	130.000	5583.000
GR	135.000	5806.000	140.000	5863.000	.000	.000	.000	.000	.000	.000

NH	4.000	.180	4999.990	.052	5019.200	.150	5243.000	.100	5863.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4999.000	5170.000	.000
X1	270.000	.000	.000	.000	79.800	79.800	79.800	.000	.520	.000
X3	10.000	.000	.000	.000	.000	.000	.000	117.250	116.870	.000
NH	4.000	.180	4999.990	.052	5019.200	.120	5243.000	.190	5863.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4999.000	5170.000	.000

## BRIDGE #1, PRIVATE ACCESS RD.

X1	271.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-22.000	4740.000	140.000	140.000	4762.000	135.000	135.000	4795.000	130.000	130.000
BT	.000	4850.000	125.000	125.000	4900.000	120.000	120.000	4999.990	117.250	117.250
BT	.000	5000.000	117.250	113.330	5003.200	117.160	115.660	5007.200	117.050	115.550
BT	.000	5011.200	116.930	115.430	5012.200	116.910	115.410	5016.940	116.770	115.270
BT	.000	5016.950	116.770	115.270	5019.190	116.710	115.210	5019.200	116.870	116.870
BT	.000	5243.000	115.000	115.000	5273.000	115.000	115.000	5291.000	120.000	120.000
BT	.000	5474.000	125.000	125.000	5583.000	130.000	130.000	5806.000	135.000	135.000
BT	.000	5863.000	140.000	140.000	.000	.000	.000	.000	.000	.000

NH	4.000	.180	4999.990	.052	5019.200	.150	5243.000	100.000	5863.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4999.000	5170.000	.000
X1	279.000	.000	.000	.000	8.000	8.000	8.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

NH	4.000	.180	4999.990	.052	5019.200	.150	5243.000	100.000	5863.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4999.000	5149.000	.000
X1	280.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	117.250	116.870	.000

NH	4.000	.180	4999.990	.052	5019.200	.150	5243.000	100.000	5863.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4999.000	5149.000	.000

## LAST CROSS SECTION FOR BRIDGE #1, PRIVATE ACCESS RD.

X1	299.200	22.000	4999.990	5019.200	19.200	19.200	19.200	.000	.700	.000
GR	140.000	4740.000	135.000	4762.000	130.000	4795.000	125.000	4850.000	120.000	4900.000
GR	117.250	4999.990	113.300	5000.000	112.120	5003.200	111.690	5007.200	112.120	5011.200
GR	113.960	5012.200	115.260	5016.940	115.270	5016.950	115.200	5019.190	116.710	5019.200
GR	115.000	5243.000	115.000	5273.000	120.000	5291.000	125.000	5474.000	130.000	5583.000
GR	135.000	5806.000	140.000	5863.000	.000	.000	.000	.000	.000	.000

NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.180	5004.000	.052	5022.000	.150	5112.000	100.000	5575.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	5004.000	5154.000	.000

## FIRST CROSS SECTION FOR BRIDGE #2, COMMERCIAL ACCESS RD.

X1	338.350	23.000	5004.000	5022.000	39.150	39.150	39.150	39.150	4751.000	120.000	-1.950	4785.000
GR	140.000	4681.000	135.000	4713.000	130.000	4726.000	4726.000	4726.000	5005.760	114.620	114.620	5010.000
GR	119.230	5000.000	118.740	5004.000	117.500	5005.750	5005.750	5005.750	5019.500	117.360	117.360	5019.510
GR	114.470	5013.000	114.570	5016.000	115.880	5017.000	5017.000	5017.000	5330.000	125.000	125.000	5343.000
GR	119.030	5022.000	119.130	5112.000	115.000	5247.000	5247.000	5247.000	.000	.000	.000	.000
GR	130.000	5415.000	135.000	5507.000	140.000	5575.000	5575.000	5575.000	.000	.000	.000	.000
NC	.000	.000	.000	.303	.500	.000	.000	.000	.000	.000	.000	.000
NH	4.000	.180	5004.000	.052	5022.000	.150	.150	.150	100.000	5575.000	5575.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	5004.000	5154.000	5154.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	5004.000	5154.000	5154.000	.000
X1	425.350	.000	.000	.000	64.500	74.500	74.500	87.000	118.740	119.030	119.030	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	4.000	.180	5004.000	.045	5022.000	.150	.150	.150	100.000	5575.000	5575.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	5004.000	5154.000	5154.000	.000

BRIDGE #2, COMMERCIAL ACCESS RD.

X1	426.350	.000	.000	.000	1.000	1.000	1.000	1.000	4726.000	130.000	.000	4785.000
BT	-23.000	4681.000	140.000	140.000	4713.000	135.000	135.000	135.000	5000.000	119.230	119.230	5010.000
BT	.000	4751.000	125.000	125.000	4785.000	5005.750	5005.750	5005.750	5016.000	117.500	117.500	5019.510
BT	.000	5004.000	119.220	118.740	5005.750	119.130	119.130	119.130	5016.000	119.090	119.090	5019.510
BT	.000	5010.000	119.160	117.460	5013.000	119.060	119.060	119.060	5019.510	119.060	119.060	5019.510
BT	.000	5017.000	119.080	117.380	5019.500	119.130	119.130	119.130	5247.000	115.000	115.000	5019.510
BT	.000	5022.000	119.030	119.030	5112.000	125.000	125.000	125.000	5415.000	130.000	130.000	5019.510
BT	.000	5330.000	120.000	120.000	5343.000	140.000	140.000	140.000	.000	.000	.000	.000
BT	.000	5507.000	135.000	135.000	5575.000	.150	.150	.150	100.000	5575.000	5575.000	.000
NH	4.000	.180	5004.000	.045	5022.000	.000	.000	.000	5004.000	5154.000	5154.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	5004.000	5154.000	5154.000	.000
X1	433.650	.000	.000	.000	7.300	7.300	7.300	7.300	.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	4.000	.180	5004.000	.052	5022.000	.150	.150	.150	100.000	5575.000	5575.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	5004.000	5154.000	5154.000	.000
X1	434.650	.000	.000	.000	1.000	1.000	1.000	1.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	118.740	119.030	119.030	.000
NH	4.000	.180	5004.000	.052	5022.000	.180	.180	.180	100.000	5575.000	5575.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	5004.000	5154.000	5154.000	.000

LAST CROSS SECTION FOR BRIDGE #2, COMMERCIAL ACCESS RD.

X1	455.650	23.000	5004.000	5022.000	21.000	21.000	21.000	21.000	4751.000	120.000	.330	4785.000
GR	140.000	4681.000	135.000	4713.000	130.000	4726.000	4726.000	4726.000	5005.760	114.620	114.620	5010.000
GR	119.230	5000.000	118.740	5004.000	117.500	5005.750	5005.750	5005.750	5019.500	117.360	117.360	5019.510
GR	114.470	5013.000	114.570	5016.000	115.880	5017.000	5017.000	5017.000	5330.000	125.000	125.000	5343.000
GR	119.030	5022.000	119.130	5112.000	115.000	5247.000	5247.000	5247.000	.000	.000	.000	.000
GR	130.000	5415.000	135.000	5507.000	140.000	5575.000	5575.000	5575.000	.000	.000	.000	.000

NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.180	5095.000	.052	5127.000	.180	5570.000	100.000	6358.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	5095.000	5245.000	.000

## CROSS SECTION SPF

X1	565.000	25.000	5095.000	5127.000	149.350	99.350	109.350	.000	.000	.000
GR	160.000	5000.000	155.000	5011.000	150.000	5023.000	125.000	5033.000	122.900	5081.000
GR	121.500	5095.000	116.500	5105.000	116.500	5105.000	116.200	5108.000	116.500	5111.000
GR	118.100	5116.000	121.400	5127.000	120.000	5346.000	115.000	5358.000	115.000	5373.000
GR	115.000	5403.000	120.000	5415.000	125.000	5570.000	130.000	5708.000	135.000	6073.000
GR	140.000	6158.000	145.000	6228.000	150.000	6258.000	155.000	6318.000	160.000	6358.000
NC	.180	.130	.085	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	10.410	.000	.000	.000

## FIRST CROSS SECTION FOR BRIDGE #3, CAROLINA AND NORTHWESTERN R.R.

X1	826.000	21.000	4999.990	5036.010	201.000	291.000	261.000	.000	-1.390	.000
GR	140.000	4830.000	135.000	4865.000	130.000	4885.000	125.000	4903.130	125.000	4999.990
GR	121.390	5001.510	120.240	5004.000	120.020	5004.500	120.120	5017.000	120.240	5022.000
GR	120.240	5022.010	120.240	5023.000	120.240	5023.010	120.240	5028.000	120.910	5032.000
GR	122.190	5034.000	122.190	5035.000	125.230	5036.010	130.000	5286.000	135.000	5344.000
GR	140.000	5411.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.180	.130	.085	.300	.500	.000	.000	.000	.000	.000
X1	969.000	29.000	4999.990	5036.010	143.000	143.000	143.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	125.130	125.250	.000
GR	140.000	4830.000	135.000	4865.000	130.000	4885.000	125.000	4903.000	125.000	4999.990
GR	122.680	5000.000	122.680	5001.500	121.390	5001.510	120.240	5004.000	120.020	5004.500
GR	120.330	5009.500	120.330	5009.510	120.330	5010.500	120.330	5010.510	120.120	5017.000
GR	120.240	5022.000	120.240	5022.010	120.240	5023.000	120.240	5023.010	120.240	5028.000
GR	120.910	5032.000	122.190	5034.000	122.190	5035.000	122.790	5035.010	122.790	5036.000
GR	125.230	5036.010	130.000	5286.000	135.000	5344.000	140.000	5411.000	.000	.000
SB	1.250	1.560	2.600	.000	19.270	2.000	71.000	3.020	120.020	120.020

## BRIDGE #3, CAROLINA AND NORTHWESTERN R.R.

X1	981.000	.000	.000	.000	12.000	12.000	12.000	.000	.000	.000
X2	.000	.000	1.000	122.790	125.130	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	125.130	125.250	.000
BT	-29.000	4830.000	140.000	140.000	4865.000	135.000	135.000	4885.000	130.000	130.000
BT	.000	4903.000	125.130	125.130	4999.990	125.130	125.000	5000.000	125.130	122.680
BT	.000	5001.500	125.130	122.680	5001.510	125.130	122.680	5004.000	125.140	122.660
BT	.000	5004.500	125.140	122.660	5009.500	125.160	122.630	5009.510	125.160	120.330
BT	.000	5010.500	125.160	120.330	5010.510	125.160	122.630	5017.000	125.180	122.700
BT	.000	5022.000	125.190	122.750	5022.010	125.190	120.240	5023.000	125.190	120.240
BT	.000	5023.010	125.190	122.750	5028.000	125.210	122.770	5032.000	125.220	122.780
BT	.000	5034.000	125.220	122.790	5035.000	125.230	122.790	5035.010	125.230	122.790
BT	.000	5036.000	125.230	122.790	5036.010	125.230	125.230	5286.000	130.000	130.000

LAST CROSS SECTION FOR BRIDGE #3, CAROLINA AND NORTHWESTERN R.R.

BT	.000	5344.000	135.000	135.000	5411.000	140.000	140.000	140.000	.000	.000	.000	.000
X1	1016.000	21.000	4999.990	5036.010	35.000	35.000	35.000	35.000	.000	.250	.000	.000
GR	140.000	4830.000	135.000	4885.000	130.000	4885.000	125.130	4903.000	125.000	4999.990	.000	.000
GR	121.390	5001.510	120.240	5004.500	120.020	5004.500	120.120	5017.000	120.240	5022.000	.000	.000
GR	120.240	5022.010	120.240	5023.000	120.240	5023.010	120.240	5028.000	120.910	5032.000	.000	.000
GR	122.190	5034.000	122.190	5035.000	125.230	5036.010	130.000	5286.000	135.000	5344.000	.000	.000
GR	140.000	5411.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
MC	.180	.180	.085	.100	.300	.000	.000	.000	.000	.000	.000	.000

CROSS SECTION SPG AND

FIRST CROSS SECTION FOR PIPE D/S FROM X-SECTION SPG

X1	2784.800	24.000	5000.000	5015.000	1748.830	1703.830	1768.800	.000	.390	.000	.000	.000
GR	145.000	4936.000	140.000	4971.000	137.100	5000.000	136.700	5000.010	133.690	5001.000	.000	.000
GR	132.200	5003.000	131.820	5006.000	131.980	5009.000	132.030	5011.000	136.430	5012.000	.000	.000
GR	137.180	5015.000	136.570	5035.000	136.870	5059.000	136.160	5069.000	135.540	5076.000	.000	.000
GR	136.280	5083.000	139.010	5097.000	138.260	5103.000	139.230	5117.000	140.090	5131.000	.000	.000
GR	141.210	5145.000	141.210	5151.000	141.740	5151.010	145.000	5183.000	.000	.000	.000	.000
MC	.180	.180	.085	.300	.500	.000	.000	.000	.000	.000	.000	.000
X1	2843.800	.000	.000	.000	59.000	59.000	59.000	.000	.390	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	137.100	137.180	.000	.000	.000

PIPE U/S FROM CROSS SPG

X1	2844.800	.000	145.000	145.000	1.000	1.000	1.000	.000	.000	.000	.000	.000
BT	-24.000	4936.000	137.100	136.700	5001.000	137.040	136.700	5003.000	136.930	137.100	.000	.000
BT	.000	5000.010	136.770	136.430	5009.000	136.600	136.260	5011.000	136.490	136.590	.000	.000
BT	.000	5006.000	136.430	136.870	5015.000	137.180	137.180	5035.000	136.570	136.570	.000	.000
BT	.000	5012.000	136.870	136.870	5069.000	136.160	136.160	5076.000	135.540	135.540	.000	.000
BT	.000	5059.000	139.010	139.010	5097.000	139.010	139.010	5103.000	138.260	138.260	.000	.000
BT	.000	5083.000	140.090	140.090	5131.000	140.090	140.090	5145.000	141.210	141.210	.000	.000
BT	.000	5117.000	141.740	141.740	5151.010	141.740	141.740	5183.000	145.000	145.000	.000	.000
X1	2845.200	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000	.000	.000
X1	2846.200	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	137.100	137.180	.000	.000	.000















THIS RUN EXECUTED 02-24-86 22:23:42

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

SPAINHOUR CREEK

SUMMARY PRINTOUT TABLE 150

SECTO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIMS	EG	10X'S	VCH	AREA	.01K
190.200	.00	.00	.00	111.17	360.00	115.74	.00	115.93	66.29	4.18	194.62	44.22
190.200	.00	.00	.00	111.17	630.00	116.42	.00	116.60	65.13	4.57	363.25	78.06
190.200	.00	.00	.00	111.17	750.00	116.63	.00	116.81	65.93	4.74	420.28	92.37
190.200	.00	.00	.00	111.17	1100.00	117.15	.00	117.33	65.80	5.13	571.22	135.60
270.000	79.80	.00	.00	111.69	360.00	116.24	.00	116.82	141.51	6.09	59.14	30.26
270.000	79.80	.00	.00	111.69	630.00	116.94	.00	117.12	65.16	4.57	363.17	78.04
270.000	79.80	.00	.00	111.69	750.00	117.15	.00	117.33	65.30	4.72	421.99	92.82
270.000	79.80	.00	.00	111.69	1100.00	117.68	.00	117.86	65.36	5.12	572.73	136.06
271.000	1.00	115.00	140.00	111.69	360.00	116.85	.00	116.88	76.97	2.18	306.16	41.03
271.000	1.00	115.00	140.00	111.69	630.00	117.09	.00	117.14	135.08	2.68	373.92	54.21
271.000	1.00	115.00	140.00	111.69	750.00	117.30	.00	117.35	123.28	2.54	431.26	67.55
271.000	1.00	115.00	140.00	111.69	1100.00	117.82	.00	117.88	101.68	2.62	582.85	109.09
279.000	8.00	115.00	140.00	111.69	360.00	116.92	.00	116.96	127.11	2.71	328.45	31.93
279.000	8.00	115.00	140.00	111.69	630.00	117.22	.00	117.28	205.50	3.24	408.46	43.95
279.000	8.00	115.00	140.00	111.69	750.00	117.42	.00	117.48	191.18	3.26	463.95	54.24
279.000	8.00	115.00	140.00	111.69	1100.00	117.92	.00	117.98	166.77	3.33	612.77	85.18
280.000	1.00	.00	.00	111.69	360.00	116.87	.00	116.99	36.09	3.37	343.82	59.93
280.000	1.00	.00	.00	111.69	630.00	117.11	.00	117.34	74.60	5.01	409.52	72.94
280.000	1.00	.00	.00	111.69	750.00	117.29	.00	117.54	78.73	5.30	462.70	84.53
280.000	1.00	.00	.00	111.69	1100.00	117.78	.00	118.06	85.20	5.93	605.79	119.17
299.200	19.20	.00	.00	112.39	360.00	116.85	.00	117.20	106.22	5.20	181.12	34.93
299.200	19.20	.00	.00	112.39	630.00	117.19	.00	118.81	188.92	7.31	257.77	45.84
299.200	19.20	.00	.00	112.39	750.00	117.48	117.19	118.01	167.74	7.18	334.80	57.91
299.200	19.20	.00	.00	112.39	1100.00	117.80	117.48	118.45	207.54	8.39	426.77	76.36
338.350	39.15	.00	.00	112.52	360.00	117.11	.00	117.80	153.07	6.66	463.20	29.10
338.350	39.15	.00	.00	112.52	630.00	118.16	.00	118.66	99.98	6.56	902.93	63.01
338.350	39.15	.00	.00	112.52	750.00	118.23	118.16	118.86	124.96	7.43	943.21	67.09
338.350	39.15	.00	.00	112.52	1100.00	118.67	118.23	119.31	132.05	8.17	1186.38	95.72

SEC40	XLCH	ELTRD	ELLC	ELMIN	Q	CUSEL	CRIMS	EG	100'S	VEH	AREA	01K
* 425.350	87.00	.00	.00	114.47	360.00	118.68	.00	119.59	233.00	7.67	46.91	23.58
* 425.350	87.00	.00	.00	114.47	630.00	119.98	113.98	120.62	124.97	7.18	631.73	56.36
* 425.350	87.00	.00	.00	114.47	750.00	120.22	120.22	120.81	117.43	7.24	963.36	69.21
* 425.350	87.00	.00	.00	114.47	1100.00	120.55	120.55	121.26	147.08	8.54	1147.39	90.70
* 426.350	1.00	115.00	140.00	114.47	360.00	119.77	119.77	120.11	408.85	5.87	698.01	17.80
426.350	1.00	115.00	140.00	114.47	630.00	120.73	120.09	120.80	98.67	3.68	1213.92	63.42
426.350	1.00	115.00	140.00	114.47	750.00	120.89	.00	120.97	100.54	3.84	1307.40	74.80
426.350	1.00	115.00	140.00	114.47	1100.00	121.39	.00	121.47	95.34	4.11	1581.09	112.66
433.650	7.30	115.00	140.00	114.47	360.00	120.23	.00	120.31	101.70	3.33	945.82	35.70
433.650	7.30	115.00	140.00	114.47	630.00	120.81	.00	120.87	84.01	3.45	1258.42	68.74
433.650	7.30	115.00	140.00	114.47	750.00	120.98	.00	121.04	87.08	3.63	1350.91	80.37
433.650	7.30	115.00	140.00	114.47	1100.00	121.47	.00	121.53	84.26	3.92	1628.30	119.83
434.650	1.00	.00	.00	114.47	360.00	120.20	.00	120.34	27.69	3.51	955.81	68.41
434.650	1.00	.00	.00	114.47	630.00	120.76	.00	120.93	55.73	4.33	1259.35	105.54
434.650	1.00	.00	.00	114.47	750.00	120.92	.00	121.11	40.19	4.70	1348.96	118.31
434.650	1.00	.00	.00	114.47	1100.00	121.40	.00	121.61	46.95	5.41	1614.85	160.54
455.650	21.00	.00	.00	114.80	360.00	120.36	.00	120.40	7.94	1.83	873.94	127.79
455.650	21.00	.00	.00	114.80	630.00	120.97	.00	121.00	11.33	2.40	1197.29	187.19
455.650	21.00	.00	.00	114.80	750.00	121.16	.00	121.20	12.89	2.63	1300.31	208.90
455.650	21.00	.00	.00	114.80	1100.00	121.67	.00	121.72	16.01	3.14	1584.06	274.90
565.000	109.35	.00	.00	115.00	360.00	120.48	.00	120.50	10.96	1.66	406.41	108.76
565.000	109.35	.00	.00	115.00	630.00	121.13	.00	121.16	18.86	2.36	566.79	145.08
565.000	109.35	.00	.00	115.00	750.00	121.34	.00	121.38	22.03	2.62	636.66	159.79
565.000	109.35	.00	.00	115.00	1100.00	121.88	.00	121.95	27.45	3.25	837.72	209.56
826.000	261.00	.00	.00	118.63	360.00	122.00	.00	122.19	109.48	3.54	101.56	34.41
826.000	261.00	.00	.00	118.63	630.00	122.99	.00	123.32	133.71	4.61	136.81	54.48
826.000	261.00	.00	.00	118.63	750.00	123.35	.00	123.71	144.38	5.01	149.57	62.42
826.000	261.00	.00	.00	118.63	1100.00	123.65	122.21	124.58	253.16	6.88	163.35	69.13
969.000	143.00	.00	.00	120.02	360.00	123.54	.00	123.72	103.58	3.40	106.04	35.37
969.000	143.00	.00	.00	120.02	630.00	124.77	.00	125.04	107.50	4.19	150.22	60.76
969.000	143.00	.00	.00	120.02	750.00	125.23	.00	125.54	107.98	4.46	188.80	72.17
969.000	143.00	.00	.00	120.02	1100.00	126.20	.00	126.52	97.96	4.82	345.89	111.14
981.000	12.00	125.13	122.79	120.02	360.00	124.03	.00	124.16	64.24	2.91	123.55	44.92
981.000	12.00	125.13	122.79	120.02	630.00	125.60	.00	125.76	55.13	3.35	242.21	84.85
981.000	12.00	125.13	122.79	120.02	750.00	125.86	.00	126.06	61.59	3.67	285.44	95.57
981.000	12.00	125.13	122.79	120.02	1100.00	126.45	.00	126.71	78.47	4.44	394.77	124.18
1016.000	35.00	.00	.00	120.28	360.00	124.25	.00	124.38	61.21	2.94	122.54	46.02
1016.000	35.00	.00	.00	120.28	630.00	125.79	.00	125.97	55.89	3.45	224.74	84.27
1016.000	35.00	.00	.00	120.28	750.00	126.07	.00	126.28	61.64	3.77	270.15	95.53
1016.000	35.00	.00	.00	120.28	1100.00	126.71	.00	126.99	75.47	4.50	388.24	126.62

SECDNO	KLCH	ELTRD	ELLC	ELMIN	Q	CUSEL	CRINS	EG	10K*5	VCH	AREA	.01K
2784.400	1768.80	.00	.00	131.43	360.00	137.61	.00	137.75	94.37	3.65	177.45	37.06
2784.800	1768.80	.00	.00	131.43	630.00	138.61	.00	138.78	95.34	4.19	292.46	64.52
2784.800	1768.80	.00	.00	131.43	750.00	139.04	.00	139.20	88.08	4.24	352.34	79.91
2784.800	1768.80	.00	.00	131.43	1100.00	140.08	.00	140.23	75.77	4.37	515.18	126.57
2843.800	59.00	.00	.00	131.82	360.00	138.14	.00	138.27	79.06	3.42	192.44	40.49
2843.800	59.00	.00	.00	131.82	630.00	139.16	.00	139.30	81.35	3.95	313.66	69.85
2843.800	59.00	.00	.00	131.82	750.00	139.55	.00	139.70	78.63	4.06	369.83	84.58
2843.800	59.00	.00	.00	131.82	1100.00	140.53	.00	140.67	72.50	4.30	524.31	129.18
2844.800	1.00	135.54	145.00	131.82	360.00	138.22	.00	138.30	144.57	2.73	196.65	29.94
2844.800	1.00	135.54	145.00	131.82	630.00	139.25	.00	139.33	125.14	2.92	322.76	56.32
2844.800	1.00	135.54	145.00	131.82	750.00	139.65	.00	139.73	115.99	2.94	379.85	69.64
2844.800	1.00	135.54	145.00	131.82	1100.00	140.62	.00	140.69	99.28	3.01	535.54	110.40
2845.200	1.00	135.54	145.00	131.82	360.00	138.24	.00	138.31	142.41	2.72	197.79	30.17
2845.200	1.00	135.54	145.00	131.82	630.00	139.27	.00	139.34	123.73	2.90	324.17	56.64
2845.200	1.00	135.54	145.00	131.82	750.00	139.66	.00	139.74	114.86	2.93	381.27	69.98
2845.200	1.00	135.54	145.00	131.82	1100.00	140.63	.00	140.70	98.55	3.00	536.98	110.81
2846.200	1.00	.00	.00	131.82	360.00	138.23	.00	138.34	71.78	3.29	200.98	42.49
2846.200	1.00	.00	.00	131.82	630.00	139.25	.00	139.38	74.44	3.81	326.04	73.02
2846.200	1.00	.00	.00	131.82	750.00	139.64	.00	139.77	72.50	3.93	382.80	88.08
2846.200	1.00	.60	.00	131.82	1100.00	140.61	.00	140.74	67.99	4.19	537.89	133.41
2860.200	14.00	.00	.00	131.95	360.00	138.33	.00	138.45	74.51	3.34	197.66	41.71
2860.200	14.00	.00	.00	131.95	630.00	139.35	.00	139.49	76.44	3.85	322.30	72.06
2860.200	14.00	.00	.00	131.95	750.00	139.74	.00	139.88	74.46	3.97	378.50	86.92
2860.200	14.00	.00	.00	131.95	1100.00	140.70	.00	140.84	69.93	4.24	531.90	131.54
3326.700	466.50	.00	.00	135.86	360.00	141.63	.00	141.80	69.30	3.35	107.52	43.25
3326.700	466.50	.00	.00	135.86	630.00	143.07	.00	143.36	83.14	4.27	148.09	67.11
3326.700	466.50	.00	.00	135.86	750.00	143.52	.00	143.85	95.27	4.65	163.63	76.84
3326.700	466.50	.00	.00	135.86	1100.00	144.56	.00	145.03	110.96	5.62	216.80	104.43
3493.700	167.00	.00	.00	137.27	360.00	142.85	.00	143.04	78.51	3.50	102.75	40.63
3493.700	167.00	.00	.00	137.27	630.00	144.53	.00	144.81	85.70	4.23	148.91	68.05
3493.700	167.00	.00	.00	137.27	750.00	145.07	.00	145.39	88.86	4.56	164.55	79.56
3493.700	167.00	.00	.00	137.27	1100.00	146.31	.00	146.72	90.95	5.26	244.48	115.34
3494.700	1.00	145.10	175.00	137.27	360.00	142.86	.00	143.05	77.61	3.49	103.18	40.86
3494.700	1.00	145.10	175.00	137.27	630.00	144.54	.00	144.82	99.60	4.23	149.75	63.12
3494.700	1.00	145.10	175.00	137.27	750.00	145.07	.00	145.42	208.57	4.75	160.75	51.93
3494.700	1.00	145.10	175.00	137.27	1100.00	146.28	.00	146.79	466.77	5.84	215.41	50.91
3495.300	.67	145.10	175.00	137.27	360.00	142.87	.00	143.06	77.20	3.48	103.38	40.97
3495.300	.67	145.10	175.00	137.27	630.00	144.55	.00	144.83	100.18	4.22	149.98	62.94
3495.300	.67	145.10	175.00	137.27	750.00	145.09	.00	145.43	208.87	4.74	160.77	51.89
3495.300	.67	145.10	175.00	137.27	1100.00	146.33	.00	146.83	451.05	5.77	219.68	51.79

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIPS	EG	10K'S	VCH	AREA	.01K
3496.300	1.00	.00	.00	137.27	360.00	142.88	.00	143.07	76.75	3.47	103.60	41.09
3496.300	1.00	.00	.00	137.27	630.00	144.56	.00	144.83	84.18	4.21	149.77	68.97
3496.300	1.00	.00	.00	137.27	750.00	145.14	.00	145.45	85.36	4.50	166.63	81.18
3496.300	1.00	.00	.00	137.27	1100.00	146.49	.00	146.87	81.70	5.07	261.27	121.70
3537.300	41.00	.00	.00	137.90	360.00	143.22	.00	143.43	94.89	3.75	95.94	36.96
3537.300	41.00	.00	.00	137.90	630.00	144.93	.00	145.23	102.94	4.42	142.58	62.09
3537.300	41.00	.00	.00	137.90	750.00	145.54	.00	145.87	113.75	4.60	162.93	70.32
3537.300	41.00	.00	.00	137.90	1100.00	146.90	.00	147.29	117.66	5.05	239.98	101.41
4260.000	722.70	.00	.00	148.63	360.00	154.78	.00	155.31	279.90	5.84	61.61	21.52
4260.000	722.70	.00	.00	148.63	630.00	157.21	153.72	157.85	291.66	6.63	126.25	36.89
4260.000	722.70	.00	.00	148.63	750.00	157.61	154.30	158.15	252.11	6.41	206.03	47.23
4260.000	722.70	.00	.00	148.63	1100.00	158.24	.00	158.60	209.15	6.15	393.31	76.06
4309.000	49.00	.00	.00	150.44	360.00	156.23	.00	156.83	328.86	6.21	57.94	19.85
4309.000	49.00	.00	.00	150.44	630.00	158.75	.00	159.58	373.33	7.31	86.14	32.61
4309.000	49.00	.00	.00	150.44	750.00	159.08	.00	160.15	451.58	8.30	90.33	35.29
4309.000	49.00	.00	.00	150.44	1100.00	159.42	.00	161.52	834.51	11.63	94.54	39.08
4440.000	131.00	166.26	157.73	150.44	360.00	160.66	.00	161.03	303.80	4.94	72.83	20.65
4440.000	131.00	166.26	157.73	150.44	630.00	161.08	.00	161.54	140.88	5.46	115.39	53.08
4440.000	131.00	166.26	157.73	150.44	750.00	162.56	.00	163.05	121.58	5.60	133.91	68.02
4440.000	131.00	166.26	157.73	150.44	1100.00	166.94	.00	166.95	.48	.44	3367.65	1590.68
4452.500	12.50	.00	.00	151.01	360.00	161.15	.00	161.17	8.72	1.31	587.88	121.88
4452.500	12.50	.00	.00	151.01	630.00	161.69	.00	161.71	12.03	1.60	790.16	181.66
4452.500	12.50	.00	.00	151.01	750.00	163.19	.00	163.20	3.27	.92	1386.49	414.66
4452.500	12.50	.00	.00	151.01	1100.00	166.95	.00	166.95	.63	.49	3071.15	1389.42
4885.000	432.50	.00	.00	154.20	360.00	161.51	.00	161.53	7.96	1.56	568.81	127.63
4885.000	432.50	.00	.00	154.20	630.00	162.23	.00	162.26	13.01	2.14	744.18	174.66
4885.000	432.50	.00	.00	154.20	750.00	163.43	.00	163.45	7.85	1.85	1057.28	267.77
4885.000	432.50	.00	.00	154.20	1100.00	167.02	.00	167.03	2.87	1.42	2150.44	649.53



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SPAINHOUR CREEK

SUMMARY PRINTOUT TABLE 150

SECCO	Q	CASEL	DIFMSP	DIFMSX	DIFKWS	TOPWID	XLCH
190.200	360.00	115.74	.00	.00	-1.26	204.20	.00
190.200	630.00	116.42	.69	.00	.58	280.00	.00
190.200	750.00	116.63	.20	.00	.37	280.74	.00
190.200	1100.00	117.15	.52	.00	.15	297.92	.00
270.000	360.00	116.24	.00	.50	.00	19.20	79.80
270.000	630.00	116.94	.70	.52	.00	280.00	79.80
270.000	750.00	117.15	.21	.53	.00	280.76	79.80
270.000	1100.00	117.68	.52	.52	.00	298.12	79.80
271.000	360.00	116.85	.00	.61	.00	276.66	1.00
271.000	630.00	117.09	.24	.15	.00	280.55	1.00
271.000	750.00	117.30	.21	.15	.00	283.17	1.00
271.000	1100.00	117.82	.52	.14	.00	303.81	1.00
279.000	360.00	116.92	.00	.07	.00	279.95	8.00
279.000	630.00	117.22	.30	.13	.00	281.00	8.00
279.000	750.00	117.42	.20	.12	.00	287.74	8.00
279.000	1100.00	117.92	.50	.10	.00	307.72	8.00
280.000	360.00	116.87	.00	.05	.00	279.75	1.00
280.000	630.00	117.11	.23	.11	.00	280.60	1.00
280.000	750.00	117.29	.19	.12	.00	282.99	1.00
280.000	1100.00	117.78	.49	.13	.00	302.52	1.00
299.200	360.00	116.85	.00	.02	.00	204.02	19.20
299.200	630.00	117.19	.34	.08	.00	249.48	19.20
299.200	750.00	117.48	.29	.18	.00	279.41	19.20
299.200	1100.00	117.80	.33	.02	.00	280.59	19.20
338.350	360.00	117.11	.00	.26	.00	257.10	39.15
338.350	630.00	118.16	1.05	.97	.00	546.02	39.15
338.350	750.00	118.23	.07	.75	.00	546.71	39.15
338.350	1100.00	118.67	.44	.87	.00	550.87	39.15
425.350	360.00	118.68	.00	1.56	.00	17.39	87.00
425.350	630.00	119.98	1.30	1.82	.00	538.31	87.00
425.350	750.00	120.22	.24	1.99	.00	547.06	87.00
425.350	1100.00	120.55	.34	1.88	.00	550.21	87.00
426.350	360.00	119.77	.00	1.09	.00	476.94	1.00
426.350	630.00	120.73	.96	.75	.00	551.83	1.00
426.350	750.00	120.89	.17	.68	.00	553.42	1.00
426.350	1100.00	121.39	.50	.84	.00	558.05	1.00

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SECNO	Q	CHSEL	DIFWSP	DIFWSX	DIFKNS	TOPWID	XLCH
433.650	360.00	120.23	.00	.46	.00	547.24	7.30
433.650	630.00	120.81	.57	.08	.00	552.59	7.30
433.650	750.00	120.98	.17	.08	.00	554.16	7.30
433.650	1100.00	121.47	.49	.08	.00	558.84	7.30
434.650	360.00	120.20	.00	-.03	.00	546.93	1.00
434.650	630.00	120.76	.55	-.05	.00	552.12	1.00
434.650	750.00	120.92	.16	-.06	.00	553.64	1.00
434.650	1100.00	121.40	.48	-.07	.30	558.14	1.00
455.650	360.00	120.38	.00	.18	.00	545.52	21.00
455.650	630.00	120.97	.59	.22	.00	551.06	21.00
455.650	750.00	121.16	.19	.24	.00	552.81	21.00
455.650	1100.00	121.67	.51	.27	.00	557.62	21.00
565.000	360.00	120.48	.00	.10	.00	186.62	109.35
565.000	630.00	121.13	.64	.15	.00	310.90	109.35
565.000	750.00	121.34	.21	.18	.00	351.56	109.35
565.000	1100.00	121.88	.54	.21	.00	382.16	109.35
826.000	360.00	122.00	.00	1.51	.00	34.73	261.00
826.000	630.00	122.99	1.00	1.86	.00	35.48	261.00
826.000	750.00	123.35	.36	2.01	.00	35.75	261.00
826.000	1100.00	123.65	.29	1.76	.00	132.94	261.00
969.000	360.00	123.54	.00	1.54	.00	36.01	143.00
969.000	630.00	124.77	1.23	1.78	.00	36.02	143.00
969.000	750.00	125.23	.46	1.88	.00	133.83	143.00
969.000	1100.00	126.20	.97	2.56	.00	188.32	143.00
981.000	360.00	124.03	.00	.49	.00	36.01	12.00
981.000	630.00	125.60	1.57	.83	.00	154.44	12.00
981.000	750.00	125.86	.27	.83	.00	169.40	12.00
981.000	1100.00	126.45	.59	.25	.00	202.34	12.00
1016.000	360.00	124.25	.00	.22	.00	35.18	35.00
1016.000	630.00	125.79	1.54	.19	.00	149.95	35.00
1016.000	750.00	126.07	.29	.21	.00	166.07	35.00
1016.000	1100.00	126.71	.64	.26	.00	202.07	35.00
2784.800	360.00	137.61	.00	13.36	.00	100.75	1768.80
2784.800	630.00	138.61	1.00	12.83	.00	132.56	1768.80
2784.800	750.00	139.04	.43	12.97	.00	143.66	1768.80
2784.800	1100.00	140.08	1.04	13.37	.00	168.10	1768.80
2843.800	360.00	138.14	.00	.54	.00	102.98	59.00
2843.800	630.00	139.16	1.01	.55	.00	136.54	59.00
2843.800	750.00	139.55	.40	.51	.00	146.82	59.00
2843.800	1100.00	140.53	.97	.44	.00	169.15	59.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
2844.800	360.00	138.22	.00	.08	.00	104.17	1.00
2844.800	630.00	139.25	1.03	.09	.00	138.89	1.00
2844.800	750.00	139.65	.40	.09	.00	149.31	1.00
2844.800	1100.00	140.62	.97	.09	.00	170.90	1.00
2845.200	360.00	138.24	.00	.02	.00	104.34	1.00
2845.200	630.00	139.27	1.03	.01	.00	139.16	1.00
2845.200	750.00	139.66	.40	.01	.00	149.56	1.00
2845.200	1100.00	140.63	.97	.01	.00	171.06	1.00
2846.200	360.00	138.23	.00	-.01	.00	104.23	1.00
2846.200	630.00	139.25	1.02	-.02	.00	138.76	1.00
2846.200	750.00	139.64	.39	-.02	.00	149.13	1.00
2846.200	1100.00	140.61	.97	-.02	.00	170.71	1.00
2860.200	360.00	138.33	.00	.10	.00	103.74	14.00
2860.200	630.00	139.35	1.03	.10	.00	138.07	14.00
2860.200	750.00	139.74	.39	.10	.00	148.37	14.00
2860.200	1100.00	140.70	.96	.09	.00	170.03	14.00
3326.700	360.00	141.63	.00	3.30	.00	25.98	466.50
3326.700	630.00	143.07	1.44	3.72	.00	32.89	466.50
3326.700	750.00	143.52	.44	3.77	.00	35.28	466.50
3326.700	1100.00	144.56	1.04	3.85	.00	75.14	466.50
3493.700	360.00	142.85	.00	1.23	.00	25.58	167.00
3493.700	630.00	144.53	1.68	1.46	.00	29.00	167.00
3493.700	750.00	145.07	.54	1.55	.00	29.01	167.00
3493.700	1100.00	146.31	1.24	1.75	.00	88.30	167.00
3494.700	360.00	142.86	.00	.01	.00	25.61	1.00
3494.700	630.00	144.54	1.68	.01	.00	33.71	1.00
3494.700	750.00	145.07	.53	.00	.00	35.41	1.00
3494.700	1100.00	146.28	1.21	-.03	.00	87.24	1.00
3495.300	360.00	142.87	.00	.01	.00	25.63	.67
3495.300	630.00	144.55	1.68	.01	.00	33.82	.67
3495.300	750.00	145.09	.54	.01	.00	35.42	.67
3495.300	1100.00	146.33	1.25	.05	.00	89.13	.67
3496.300	360.00	142.88	.00	.01	.00	25.65	1.00
3496.300	630.00	144.56	1.68	.01	.00	29.00	1.00
3496.300	750.00	145.14	.58	.05	.00	30.47	1.00
3496.300	1100.00	146.49	1.35	.16	.00	95.41	1.00
3537.300	360.00	143.22	.00	.34	.00	24.99	41.00
3537.300	630.00	144.93	1.71	.37	.00	30.16	41.00
3537.300	750.00	145.54	.61	.40	.00	35.26	41.00
3537.300	1100.00	146.90	1.36	.40	.00	86.30	41.00

SECHO	Q	CWSEL	DIFWSP	DIFWSK	DIFKWS	TOPWID	XLCH
4260.000	360.00	154.78	.00	11.56	.00	10.51	722.70
4260.000	630.00	157.21	2.43	12.28	.00	140.37	722.70
4260.000	750.00	157.63	.42	12.09	.00	236.13	722.70
4260.000	1100.00	158.24	.61	11.35	.00	363.49	722.70
4309.000	360.00	156.23	.00	1.46	.00	10.51	49.00
4309.000	630.00	158.75	2.51	1.54	.00	12.52	49.00
4309.000	750.00	159.08	.34	1.45	.00	12.52	49.00
4309.000	1100.00	159.42	.34	1.17	.00	12.52	49.00
4440.000	360.00	160.66	.00	4.42	.00	12.52	131.00
4440.000	630.00	161.08	.43	2.34	.00	12.52	131.00
4440.000	750.00	162.56	1.48	3.48	.00	12.52	131.00
4440.000	1100.00	166.94	4.38	7.53	.00	530.38	131.00
4452.500	360.00	161.15	.00	.50	.00	373.00	12.50
4452.500	630.00	161.69	.54	.61	.00	382.63	12.50
4452.500	750.00	163.19	1.51	.63	.00	409.73	12.50
4452.500	1100.00	166.95	3.75	.00	.00	507.53	12.50
4885.000	360.00	161.51	.00	.36	.00	237.69	432.50
4885.000	630.00	162.23	.71	.54	.00	250.73	432.50
4885.000	750.00	163.43	1.20	.23	.00	272.47	432.50
4885.000	1100.00	167.02	3.59	.07	.00	336.50	432.50

THIS RUN EXECUTED 02-24-86 22:50:59

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 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, MATTERN & MATTERN CAULDWELL CO/LENOIR, NC FIS  
 T2 FILENAME: SP.HEC ENG: SKE EA: PSJ COMM 2320  
 T3 SPAINHOUR CREEK DATE 02/24/86 100-YEAR EVENT

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.006500	.00	.0	0.	117.000	.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									
	110.000	200.000	.000	.000	.000	.000	.000	.000	.000	.000
J6	IHLER	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	6.000	360.000	630.000	750.000	1100.000	495.000	750.000		.000	.000
NC	.100	.100	.050	.100	.300	.000	.000		.000	.000
NH	4.000	.180	4999.990	.052	5019.200	.150	5243.000		.100	5863.000
ET	.000	.000	.000	.000	.000	.000	8.100		4999.000	5170.000

SPAINHOUR CREEK

ADD 1000 FEET TO ALL ELEVATIONS TO GET TRUE ELEVATION

QT 10-YR. 50-YR. 100-YR. 500-YR. 25-YR. 100-YR. FLOODWAY  
 1. 2. 3. 4. 5. 1977 7.

CROSS SECTION FOR BRIDGE #1, PRIVATE ACCESS RD.

X1	190.200	22.000	4999.990	5019.200	45.200	140.200	190.200	.000	-.520	.000
GR	140.000	4740.000	135.000	4762.000	130.000	4795.000	125.000	4850.000	120.000	4900.000
GR	117.250	4999.990	113.330	5000.000	112.120	5003.200	111.690	5007.200	112.120	5011.200
GR	113.960	5012.200	115.260	5016.940	115.270	5016.950	115.200	5019.190	116.870	5019.200
GR	115.000	5243.000	115.000	5273.000	120.000	5291.000	125.000	5474.000	130.000	5583.000
GR	135.000	5806.000	140.000	5863.000	.000	.000	.000	.000	.000	.000

NH	4.000	.180	4999.990	.052	5019.200	.150	5243.000	.100	5863.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4999.000	5170.000	.000
X1	270.000	.000	.000	.000	79.800	79.800	79.800	.000	.520	.000
X3	10.000	.000	.000	.000	.000	.000	.000	117.250	116.870	.000

NH	4.000	.180	4999.990	.052	5019.200	.120	5243.000	.190	5863.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4999.000	5170.000	.000

## BRIDGE #1, PRIVATE ACCESS RD.

X1	271.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-22.000	4740.000	140.000	140.000	4762.000	135.000	135.000	4795.000	130.000	130.000
BT	.000	4850.000	125.000	125.000	4900.000	120.000	120.000	4999.990	117.250	117.250
BT	.000	5000.000	117.250	113.330	5003.200	117.160	115.660	5007.200	117.050	115.550
BT	.000	5011.200	116.930	115.430	5012.200	116.910	115.410	5016.940	116.770	115.270
BT	.000	5016.950	116.770	115.270	5019.190	116.710	115.210	5019.200	116.870	116.870
BT	.000	5243.000	115.000	115.000	5273.000	115.000	115.000	5291.000	120.000	120.000
BT	.000	5474.000	125.000	125.000	5583.000	130.000	130.000	5806.000	135.000	135.000
BT	.000	5863.000	140.000	140.000	.000	.000	.000	.000	.000	.000

NH	4.000	.180	4999.990	.052	5019.200	.150	5243.000	100.000	5863.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4999.000	5170.000	.000
X1	279.000	.000	.000	.000	8.000	8.000	8.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

NH	4.000	.180	4999.990	.052	5019.200	.150	5243.000	100.000	5863.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4999.000	5149.000	.000
X1	280.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	117.250	116.870	.000

NH	4.000	.180	4999.990	.052	5019.200	.150	5243.000	100.000	5863.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	4999.000	5149.000	.000

## LAST CROSS SECTION FOR BRIDGE #1, PRIVATE ACCESS RD.

X1	299.200	22.000	4999.990	5019.200	19.200	19.200	19.200	.000	.700	.000
GR	140.000	4740.000	135.000	4762.000	130.000	4795.000	125.000	4850.000	120.000	4900.000
GR	117.250	4999.990	113.300	5000.000	112.120	5003.200	111.690	5007.200	112.120	5011.200
GR	113.960	5012.200	115.260	5016.940	115.270	5016.950	115.200	5019.190	116.710	5019.200
GR	115.000	5243.000	115.000	5273.000	120.000	5291.000	125.000	5474.000	130.000	5583.000
GR	135.000	5806.000	140.000	5863.000	.000	.000	.000	.000	.000	.000

NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.180	5004.000	.052	5022.000	.150	5112.000	100.000	5575.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	5004.000	5154.000	.000

## FIRST CROSS SECTION FOR BRIDGE #2, COMMERCIAL ACCESS RD.

X1	338.350	23.000	5004.000	5022.000	39.150	39.150	39.150	.000	-1.950	.000
GR	140.000	4681.000	135.000	4713.000	130.000	4726.000	125.000	4751.000	120.000	4785.000
GR	119.230	5000.000	118.740	5004.000	117.500	5005.750	117.490	5005.760	114.620	5010.000
GR	114.470	5013.000	114.570	5016.000	115.880	5017.000	117.350	5019.500	117.360	5019.510
GR	119.030	5022.000	119.130	5112.000	115.000	5247.000	120.000	5330.000	125.000	5343.000
GR	130.000	5415.000	135.000	5507.000	140.000	5575.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	4.000	.180	5004.000	.052	5022.000	.150	5112.000	100.000	5575.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	5004.000	5154.000	.000
X1	425.350	.000	.000	.000	64.500	74.500	87.000	.000	1.950	.000
X3	10.000	.000	.000	.000	.000	.000	.000	118.740	119.030	.000
NH	4.000	.180	5004.000	.045	5022.000	.150	5112.000	100.000	5575.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	5004.000	5154.000	.000

BRIDGE #2, COMMERCIAL ACCESS RD.

X1	426.350	.000	.000	.080	1.000	1.000	1.000	.000	.000	.000
BT	-23.000	4681.000	140.000	140.000	4713.000	135.000	135.000	4726.000	130.000	130.000
BT	.000	4751.000	125.000	125.000	4785.000	120.000	120.000	5000.000	119.230	119.230
BT	.000	5004.000	119.220	118.740	5005.750	119.200	117.500	5005.760	119.200	117.500
BT	.000	5010.000	119.160	117.460	5013.000	119.130	117.430	5016.000	119.090	117.390
BT	.000	5017.000	119.080	117.380	5019.500	119.060	117.360	5019.510	119.060	117.360
BT	.000	5022.000	119.030	119.030	5112.000	119.130	119.130	5247.000	115.000	115.000
BT	.000	5330.000	120.000	120.000	5343.000	125.000	125.000	5415.000	130.000	130.000
BT	.000	5507.000	135.000	135.000	5575.000	140.000	140.000	.000	.000	.000
NH	4.000	.180	5004.000	.045	5022.000	.150	5112.000	100.000	5575.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	5004.000	5154.000	.000
X1	433.650	.000	.000	.000	7.300	7.300	7.300	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	4.000	.180	5004.000	.052	5022.000	.150	5112.000	100.000	5575.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	5004.000	5154.000	.000
X1	434.650	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	118.740	119.030	.000
NH	4.000	.180	5004.000	.052	5022.000	.180	5247.000	100.000	5575.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	5004.000	5154.000	.000

LAST CROSS SECTION FOR BRIDGE #2, COMMERCIAL ACCESS RD.

X1	455.650	23.000	5004.000	5022.000	21.000	21.000	21.000	.000	.330	.000
GR	140.000	4681.000	135.000	4713.000	130.000	4726.000	125.000	4751.000	120.000	4785.000
GR	119.230	5000.000	118.740	5004.000	117.500	5005.750	117.490	5005.760	114.620	5010.000
GR	114.470	5013.000	114.570	5016.000	115.880	5017.000	117.350	5019.500	117.360	5019.510
GR	119.030	5022.000	119.130	5112.000	115.000	5247.000	120.000	5330.000	125.000	5343.000
GR	130.000	5415.000	135.000	5507.000	140.000	5575.000	.000	.000	.000	.000

NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.180	5095.000	.052	5127.000	.180	5570.000	100.000	6358.000	.000
ET	.000	.000	.000	.000	.000	.000	8.110	5095.000	5245.000	.000

## CROSS SECTION SPF

X1	565.000	25.000	5095.000	5127.000	149.350	99.350	109.350	.000	.000	.000
GR	160.000	5000.000	155.000	5011.000	150.000	5023.000	125.000	5033.000	122.900	5081.000
GR	121.500	5095.000	116.500	5105.000	116.500	5105.000	116.200	5108.000	116.500	5111.000
GR	118.100	5116.000	121.400	5127.000	120.000	5346.000	115.000	5358.000	115.000	5373.000
GR	115.000	5403.000	120.000	5415.000	125.000	5570.000	130.000	5708.000	135.000	6073.000
GR	140.000	6158.000	145.000	6228.000	150.000	6258.000	155.000	6318.000	160.000	6358.000
NC	.180	.130	.085	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	10.410	.000	.000	.000

## FIRST CROSS SECTION FOR BRIDGE #3, CAROLINA AND NORTHWESTERN R.R.

X1	826.000	21.000	4999.990	5036.010	201.000	291.000	261.000	.000	-1.390	.000
GR	140.000	4830.000	135.000	4865.000	130.000	4885.000	125.000	4903.130	125.000	4999.990
GR	121.390	5001.510	120.240	5004.000	120.020	5004.500	120.120	5017.000	120.240	5022.000
GR	120.240	5022.010	120.240	5023.000	120.240	5023.010	120.240	5028.000	120.910	5032.000
GR	122.190	5034.000	122.190	5035.000	125.230	5036.010	130.000	5286.000	135.000	5344.000
GR	140.000	5411.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.180	.130	.085	.300	.500	.000	.000	.000	.000	.000
X1	969.000	29.000	4999.990	5036.010	143.000	143.000	143.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	125.130	125.230	.000
GR	140.000	4830.000	135.000	4865.000	130.000	4885.000	125.000	4903.000	125.000	4999.990
GR	122.680	5001.510	122.680	5001.500	121.390	5001.510	120.240	5004.000	120.020	5004.500
GR	120.330	5001.500	120.330	5009.510	120.330	5010.500	120.330	5010.510	120.120	5017.000
GR	120.240	5022.000	120.240	5022.010	120.240	5023.000	120.240	5023.010	120.240	5028.000
GR	120.910	5032.000	122.190	5034.000	122.190	5035.000	122.790	5035.010	122.790	5036.000
GR	125.230	5036.010	130.000	5286.000	135.000	5344.000	140.000	5411.000	.000	.000
SB	1.250	1.560	2.600	.000	19.270	2.000	71.000	3.020	120.020	120.020

## BRIDGE #3, CAROLINA AND NORTHWESTERN R.R.

X1	981.000	.000	.000	.000	12.000	12.000	12.000	.000	.000	.000
X2	.000	.000	1.000	122.790	125.130	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	125.130	125.230	.000
BT	-29.000	4830.000	140.000	140.000	4865.000	135.000	135.000	4885.000	130.000	130.000
BT	.000	4903.000	125.130	125.130	4999.990	125.130	125.000	5000.000	125.130	122.680
BT	.000	5001.500	125.130	122.680	5001.510	125.130	122.680	5004.000	125.140	122.660
BT	.000	5004.500	125.140	122.660	5009.500	125.160	122.630	5009.510	125.160	120.330
BT	.000	5010.500	125.160	120.330	5010.510	125.160	122.630	5017.000	125.180	122.700
BT	.000	5022.000	125.190	122.750	5022.010	125.190	120.240	5023.000	125.190	120.240
BT	.000	5023.010	125.190	122.750	5028.000	125.210	122.770	5032.000	125.220	122.780
BT	.000	5034.000	125.220	122.790	5035.000	125.230	122.790	5035.010	125.230	122.790
BT	.000	5036.000	125.230	122.790	5036.010	125.230	125.230	5286.000	130.000	130.000



BT	.000	5344.000	135.000	135.000	5411.000	140.000	140.000	.000	.000	.000
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LAST CROSS SECTION FOR BRIDGE #3, CAROLINA AND  
NORTHWESTERN P.R.

X1	1016.000	21.000	4999.990	5036.010	35.000	35.000	35.000	.000	.260	.000
GR	140.000	4830.000	135.000	4865.000	130.000	4885.000	125.130	4903.000	125.000	4999.990
GR	121.390	5001.510	120.240	5004.000	120.020	5004.500	120.120	5017.000	120.240	5022.000
GR	120.240	5022.010	120.240	5023.000	120.240	5023.010	120.240	5028.000	120.910	5032.000
GR	122.190	5034.000	122.190	5035.000	125.230	5036.010	130.000	5286.000	135.000	5344.000
GR	140.000	5411.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.180	.180	.085	.100	.300	.000	.000	.000	.000	.000

CROSS SECTION SPG AND

FIRST CROSS SECTION FOR PIPE D/S FROM X-SECTION SPG

X1	2784.800	24.000	5000.000	5015.000	1748.830	1703.830	1768.800	.000	-.390	.000
GR	145.000	4936.000	140.000	4971.000	137.100	5000.000	136.700	5000.010	133.690	5001.000
GR	132.200	5003.000	131.820	5006.000	131.980	5009.000	132.030	5011.000	136.430	5012.000
GR	137.180	5015.000	136.570	5035.000	136.870	5059.000	136.160	5069.000	135.540	5076.000
GR	136.280	5083.000	139.010	5097.000	138.260	5103.000	139.230	5117.000	140.090	5131.000
GR	141.210	5145.000	141.210	5151.000	141.740	5151.010	145.000	5183.000	.000	.000
NC	.180	.180	.085	.300	.500	.000	.000	.000	.000	.000
X1	2843.800	.000	.000	.000	59.000	59.000	59.000	.000	.390	.000
X3	10.000	.000	.000	.000	.000	.000	.000	137.100	137.180	.000

PIPE U/S FROM CROSS SPG

X1	2844.800	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-24.000	4936.000	145.000	145.000	4971.000	140.000	140.000	5000.000	137.100	137.100
BT	.000	5000.010	137.100	136.700	5001.000	137.040	136.700	5003.000	136.930	136.590
BT	.000	5006.000	136.770	136.430	5009.000	136.600	136.260	5011.000	136.490	136.150
BT	.000	5012.000	136.430	136.430	5015.000	137.180	137.180	5035.000	136.570	136.570
BT	.000	5059.000	136.870	136.870	5059.000	136.160	136.160	5076.000	135.540	135.540
BT	.000	5083.000	136.280	136.280	5097.000	139.010	139.010	5103.000	138.260	138.260
BT	.000	5117.000	139.230	139.230	5131.000	140.090	140.090	5145.000	141.210	141.210
BT	.000	5151.000	141.740	141.210	5151.010	141.740	141.740	5183.000	145.000	145.000
X1	2845.200	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X1	2846.200	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	137.100	137.180	.000

LAST CROSS SECTION FOR PIPE D/S FROM X-SECTION SPG

X1	2860.200	24.000	5000.000	5015.000	14.000	14.000	14.000	.000	133.690	5001.000
GR	145.000	4936.000	140.000	4971.000	137.100	5009.000	5009.000	5009.010	136.430	5012.000
GR	132.200	5003.000	131.820	5006.000	131.980	5009.000	5009.000	5011.000	135.540	5076.000
GR	137.180	5015.000	136.570	5035.000	136.870	5059.000	5059.000	5069.000	140.090	5131.000
GR	136.280	5083.000	139.010	5097.000	138.260	5103.000	5103.000	5117.000	.000	.000
GR	141.210	5145.000	141.210	5151.000	141.740	5151.010	5151.010	5183.000	.000	.000
NC	.100	.180	.085	.100	.300	.000	.000	.000	.000	.000

FIRST PIPE CROSS SECTION AT BROYHILL FURNITURE

X1	3326.760	25.000	5015.000	5044.000	468.990	458.990	466.500	.000	-1.410	4953.000
GR	175.000	4558.000	170.000	4678.000	165.000	4773.000	160.000	4923.000	155.000	5009.000
GR	150.000	4988.000	147.180	5000.000	145.660	5002.000	145.740	5008.000	144.630	5024.000
GR	144.210	5015.000	139.040	5016.000	137.390	5020.000	137.270	5022.000	137.340	5228.000
GR	137.390	5026.000	138.160	5031.500	144.430	5044.000	145.100	5044.010	150.000	5401.000
GR	155.000	5246.000	150.000	5308.000	165.000	5331.000	170.000	5371.000	175.000	.000
NC	.100	.180	.085	.300	.500	.000	.000	.000	.000	.000
X1	3493.700	.000	.000	.000	167.000	167.000	167.000	.000	1.410	.000
X3	10.000	.000	.000	.000	.000	.000	.000	145.660	144.090	.000

PIPE AT BROYHILL FURNITURE

X1	3494.700	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-25.000	4558.000	175.000	175.000	4678.000	4773.000	170.000	4773.000	165.000	165.000
BT	.000	4923.000	160.000	160.000	4953.000	155.000	155.000	4988.000	150.000	150.000
BT	.000	5000.000	147.180	147.180	5002.000	146.190	145.660	5008.000	146.030	145.740
BT	.000	5009.000	146.010	145.340	5015.000	145.850	145.180	5016.000	145.830	145.160
BT	.000	5020.000	145.720	145.050	5022.000	145.670	145.000	5024.000	145.620	144.950
BT	.000	5026.000	145.570	144.900	5031.500	145.420	144.750	5044.000	145.100	144.430
BT	.000	5044.010	145.100	145.100	5228.000	150.000	150.000	5248.000	155.000	155.000
BT	.000	5308.000	160.000	160.000	5331.000	165.000	165.000	5371.000	170.000	170.000
BT	.000	5401.000	175.000	175.000	.000	.000	.000	.000	.000	.000
X1	3495.300	.000	.000	.000	.670	.670	.670	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X1	3496.300	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	145.660	144.090	.000

LAST PIPE CROSS SECTION AT BROYHILL FURNITURE



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THIS RUN EXECUTED 02-24-86 22:53:16

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

SPAINHOUR CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	OCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
190.200	116.63	.37	116.81	280.74	.00	362.75	387.25	.00	.00	4999.99	5019.20	.00
190.200	116.63	.00	117.34	170.01	.00	584.38	165.62	171.00	4999.00	4999.99	5019.20	5170.00
270.000	117.15	.00	117.33	280.76	.00	361.87	388.13	.00	.00	4999.99	5019.20	.00
270.000	117.86	.71	118.15	171.00	.21	479.46	270.34	171.00	4999.00	4999.99	5019.20	5170.00
271.000	117.30	.00	117.35	283.17	.00	118.84	631.16	.00	.00	4999.99	5019.20	.00
271.000	117.97	.67	118.17	171.00	.89	313.27	435.84	171.00	4999.00	4999.99	5019.20	5170.00
279.000	117.42	.00	117.48	287.74	.11	159.73	590.16	.00	.00	4999.99	5019.20	.00
279.000	118.26	.84	118.45	171.00	1.45	334.23	414.32	171.00	4999.00	4999.99	5019.20	5170.00
280.000	117.29	.00	117.54	282.99	.00	420.61	329.39	.00	.00	4999.99	5019.20	.00
280.000	118.23	.93	118.48	150.00	.36	481.52	268.13	150.00	4999.00	4999.99	5019.20	5149.00
* 299.200	117.48	.00	118.01	279.41	.00	499.09	250.91	.00	.00	4999.99	5019.20	.00
299.200	118.23	.75	118.70	150.00	.08	541.64	208.28	150.00	4999.00	4999.99	5019.20	5149.00
* 338.350	118.23	.00	118.86	546.71	82.00	548.64	119.36	.00	.00	5004.00	5022.00	.00
338.350	118.57	.34	119.18	150.00	.00	572.98	177.02	150.00	5004.00	5004.00	5022.00	5154.00
* 425.350	120.22	.00	120.81	547.06	88.02	539.83	122.15	.00	.00	5004.00	5022.00	.00
* 425.350	120.21	.01	121.06	150.00	.00	609.34	140.65	150.00	5004.00	5004.00	5022.00	5154.00
426.350	120.89	.00	120.97	553.42	277.85	227.76	244.39	.00	.00	5004.00	5022.00	.00
426.350	121.00	.10	121.26	150.00	.00	358.81	391.19	150.00	5004.00	5004.00	5022.00	5154.00
433.650	120.98	.00	121.04	554.16	285.56	220.45	243.99	.00	.00	5004.00	5022.00	.00
433.650	121.20	.23	121.41	150.00	.00	344.57	405.43	150.00	5004.00	5004.00	5022.00	5154.00
434.650	120.92	.00	121.11	553.64	182.34	409.78	157.88	.00	.00	5004.00	5022.00	.00
434.650	121.15	.23	121.49	150.00	.00	513.28	236.71	150.00	5004.00	5004.00	5022.00	5154.00

SEENO	CMSEL	DIFKMS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCH
455.650	121.16	.00	121.20	552.81	91.99	225.09	432.92	.00	.00	5004.00	5022.00	.00
455.650	121.36	.20	121.63	150.00	.00	465.48	284.52	150.00	5004.00	5004.00	5022.00	5154.00
565.000	121.34	.00	121.38	351.56	.00	238.44	511.56	.00	.00	5095.00	5127.00	.00
565.000	121.99	.65	122.47	150.00	.00	663.94	86.06	150.00	5095.00	5095.00	5127.00	5245.00
826.000	123.35	.00	123.74	35.75	.00	750.00	.00	.00	.00	4999.99	5036.01	.00
826.000	124.38	1.03	124.63	36.02	.00	750.00	.00	.06	4999.99	4999.99	5036.01	5036.01
969.000	125.23	.00	125.54	133.83	7.03	742.97	.00	.00	.00	4999.99	5036.01	.00
969.000	125.55	.32	125.82	36.02	.00	750.00	.00	.12	4999.99	4999.99	5036.01	5036.01
981.000	125.86	.00	126.06	169.40	49.82	695.77	4.41	.00	.00	4999.99	5036.01	.00
981.000	126.75	.88	126.93	36.02	.00	750.00	.00	.05	4999.99	4999.99	5036.01	5036.01
1016.000	126.07	.00	126.28	166.07	38.99	707.50	3.51	.00	.00	4999.99	5036.01	.00
1016.000	126.91	.83	127.09	36.02	.00	750.00	.00	.18	4999.99	4999.99	5036.01	5036.01
2784.800	139.04	.00	139.20	143.66	23.31	381.41	345.28	.00	.00	5000.00	5015.00	.00
2784.800	139.79	.74	140.04	55.70	.00	487.07	262.93	.36	5000.00	5000.00	5015.00	5055.70
2843.800	139.55	.00	139.70	146.82	25.19	372.50	352.31	.00	.00	5000.00	5015.00	.00
2843.800	140.46	.91	140.67	57.89	.00	465.47	284.52	.35	5000.00	5000.00	5015.00	5057.89
2844.800	139.65	.00	139.73	149.31	33.83	262.53	453.64	.00	.00	5000.00	5015.00	.00
2844.800	140.59	.95	140.71	65.17	.00	332.75	417.25	.38	5000.00	5000.00	5015.00	5065.17
2845.200	139.66	.00	139.74	149.56	34.01	261.94	454.05	.00	.00	5000.00	5015.00	.00
2845.200	140.61	.95	140.72	65.23	.00	332.19	417.81	.38	5000.00	5000.00	5015.00	5065.24
2846.200	139.64	.00	139.77	149.13	26.56	366.27	357.17	.00	.00	5000.00	5015.00	.00
2846.200	140.58	.94	140.76	59.40	.00	446.10	303.90	.35	5000.00	5000.00	5015.00	5059.40
2860.200	139.74	.00	139.88	148.37	26.11	368.30	355.60	.00	.00	5000.00	5015.00	.00
2860.200	140.70	.95	140.89	58.90	.00	457.03	292.97	.35	5000.00	5000.00	5015.00	5058.90
3326.700	143.52	.00	143.85	35.28	2.83	747.17	.00	.00	.00	5015.00	5044.00	.00
3326.700	144.23	.71	144.49	29.00	.00	750.00	.00	.02	5015.00	5015.00	5044.00	5044.00
3493.700	145.07	.00	145.39	29.01	.00	750.00	.00	.00	.00	5015.00	5044.00	.00
3493.700	145.42	.35	145.70	29.00	.00	750.00	.00	.03	5015.00	5015.00	5044.00	5044.00
3494.700	145.07	.00	145.42	35.41	6.41	743.59	.00	.00	.00	5015.00	5044.00	.00
3494.700	145.41	.34	145.74	47.21	14.30	735.03	.67	.00	.00	5015.00	5044.00	.00
3495.300	145.09	.00	145.43	35.42	6.45	743.55	.00	.00	.00	5015.00	5044.00	.00
3495.300	145.43	.34	145.75	48.16	14.97	734.20	.83	.00	.00	5015.00	5044.00	.00
3496.300	145.14	.00	145.45	30.47	.00	750.00	.00	.00	.00	5015.00	5044.00	.00
3496.300	145.50	.36	145.78	29.00	.00	750.00	.00	.03	5015.00	5015.00	5044.00	5044.00



BECD	CUSEL	DIFKUS	EG	TOPMID	QLOB	QCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
3537.300	145.54	.00	145.87	35.26	.00	750.00	.00	.00	.00	5002.00	5044.00	5044.00
3537.300	145.83	.29	146.12	35.52	.00	750.00	.00	.01	5002.00	5002.00	5044.00	5044.00
4260.000	157.63	.00	158.15	236.13	96.63	607.72	45.66	.00	.00	4999.99	5012.51	5012.51
4260.000	158.17	.54	159.01	12.89	.72	749.28	.00	.56	4999.62	4999.99	5012.51	5012.51
4309.000	159.08	.00	160.15	12.52	.00	750.00	.00	.00	.00	4999.99	5012.51	5012.51
4309.000	159.81	.72	160.69	12.52	.00	750.00	.00	.00	4999.99	4999.99	5012.51	5012.51
4440.000	162.56	.00	163.05	12.52	.00	750.00	.00	.00	.00	4999.99	5012.51	5012.51
4440.000	163.35	.79	163.77	12.52	.00	750.00	.00	.00	4999.99	4999.99	5012.51	5012.51
4452.500	163.19	.00	163.20	409.73	391.36	124.22	234.42	.00	.00	4999.99	5012.51	5012.51
4452.500	163.88	.69	163.92	100.00	326.24	267.94	155.82	100.00	4950.00	4999.99	5012.51	5050.00
4885.000	163.43	.00	163.45	272.47	340.50	226.88	182.62	.00	.00	5368.75	5383.75	5383.75
4885.000	164.31	.89	164.35	86.85	342.95	276.18	130.87	.25	5323.59	5368.75	5383.75	5410.45

02-24-86 22:50:59

FLOODWAY DATA, SPAINHOUR CREEK  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
190.200	170.	214.	3.5	116.6	116.6	.0
270.000	171.	335.	2.2	117.9	117.2	.7
271.000	171.	321.	2.3	118.0	117.3	.7
279.000	171.	370.	2.0	118.2	117.4	.8
280.000	150.	345.	2.2	118.2	117.3	.9
299.200	150.	254.	2.9	118.2	117.5	.7
338.350	150.	295.	2.5	118.5	118.2	.3
425.350	150.	248.	3.0	120.2	120.2	.0
426.350	150.	342.	2.2	121.0	120.9	.1
433.650	150.	372.	2.0	121.2	121.0	.2
434.650	150.	389.	1.9	121.1	120.9	.2
455.650	150.	372.	2.0	121.4	121.2	.2
565.000	150.	225.	3.3	121.9	121.3	.6
826.000	36.	186.	4.0	124.4	123.4	1.0
969.000	36.	178.	4.2	125.5	125.2	.3
981.000	36.	221.	3.4	126.8	125.9	.9
1016.000	36.	218.	3.4	126.9	126.1	.8
2784.800	56.	239.	3.1	139.7	139.0	.7
2843.800	58.	263.	2.9	140.5	139.6	.9
2844.800	65.	295.	2.5	140.5	139.6	.9
2845.200	65.	296.	2.5	140.6	139.7	.9
2846.200	59.	276.	2.7	140.5	139.6	.9
2850.200	59.	273.	2.8	140.7	139.7	.0
3326.700	29.	181.	4.1	144.2	143.5	.7
3493.700	29.	175.	4.3	145.4	145.1	.3
3494.700	47.	167.	4.5	145.4	145.1	.3
3495.300	48.	168.	4.5	145.4	145.1	.3
3496.300	29.	177.	4.2	145.5	145.1	.4
3537.300	36.	172.	4.3	145.8	145.5	.3
4260.000	13.	102.	7.3	158.1	157.6	.5
4309.000	13.	99.	7.5	159.8	159.1	.7
4440.000	13.	144.	5.2	163.4	162.6	.8
4452.500	100.	552.	1.4	163.9	163.2	.7
4885.000	87.	555.	1.4	164.3	163.4	.9