

SUMMARY OF ERRORS AND SPECIAL NOTES

DROWNING

CREEK

\*\*\*\*\*  
 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					Burke Co. SC FIS				
T2	Filename:Drown.in					Eng:GHS ET:TFH/CMC				
T3	Drowning Creek					Date: 12/10/88				
T3						10-year event				
J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	2.	0.	0.	.004544	.00	.0	0.	940.000	.000
J2	NPROF	IPLOT	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	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.100	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.300	4853.000	.180	4958.000	.058	5042.000	.300	5108.000	1.200
NH	5316.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	6.000	3912.000	6081.000	7143.000	10370.000	7143.000	11764.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4958.000	5042.000

=====  
 ===== NEC-2 Input file created with CodeH2 =====  
 ===== Version: 3.49 =====  
 ===== CodeH2 Copyrighted 1986, 1987, 1988 =====  
 ===== Run Date: Tuesday January 3, 1989 =====  
 ===== Run Time: 16:16:25 =====  
 =====

D/S of Southern Railroad

X1	380.000	30.000	4958.000	5042.000	380.000	380.000	380.000	.000	.000	.000
GR	990.000	4773.000	980.000	4808.000	970.000	4835.000	960.000	4853.000	941.000	4903.000
GR	941.050	4916.000	936.380	4958.000	930.920	4965.000	928.360	4968.000	921.820	4974.000
GR	923.620	4983.000	925.920	4993.000	928.410	5000.000	928.220	5016.000	929.900	5029.000
GR	930.920	5035.000	929.920	5036.000	933.760	5042.000	934.520	5079.000	934.000	5108.000
GR	936.000	5118.000	938.000	5123.000	940.000	5130.000	950.000	5158.000	960.000	5188.000
GR	962.000	5210.000	964.000	5238.000	966.000	5276.000	968.000	5306.000	970.000	5316.000





GR	930.340	5036.000	932.890	5039.990	932.890	5040.000	932.900	5040.010	934.170	5042.000
GR	934.930	5078.990	934.930	5079.000	934.930	5108.000	936.390	5118.000	938.390	5123.000
GR	940.390	5130.000	950.390	5158.000	960.390	5188.000	962.390	5210.000	964.390	5238.000
GR	966.390	5276.000	968.120	5302.000	968.390	5306.000	970.390	5316.000	.000	.000
MC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	6.000	1.200	4774.000	.300	4875.000	.180	4958.000	.058	5038.000	.300
NH	5065.000	1.200	5511.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	16.410	.000	.000	.000	.000

Cross Section A

X1	1135.000	45.000	4958.000	5038.000	642.000	642.000	642.000	.000	.000	.000
GR	990.000	4703.000	980.000	4742.000	970.000	4774.000	963.500	4788.000	960.000	4798.000
GR	950.000	4811.000	940.000	4846.000	940.400	4853.000	938.000	4875.000	936.000	4903.000
GR	934.000	4945.000	932.000	4958.000	930.940	4958.500	929.010	4968.500	928.770	4978.500
GR	928.130	4988.500	927.730	4998.500	927.660	5000.000	927.230	5009.500	925.180	5020.500
GR	932.000	5038.000	934.000	5053.000	935.700	5065.000	934.000	5088.000	933.000	5098.000
GR	934.000	5106.000	936.000	5141.000	938.000	5148.000	940.000	5156.000	942.000	5171.000
GR	944.000	5181.000	946.000	5207.000	948.000	5225.000	950.000	5248.000	952.000	5276.000
GR	954.000	5288.000	956.000	5305.000	958.000	5318.000	960.000	5324.000	962.000	5338.000
GR	964.000	5354.000	966.000	5374.000	968.000	5399.000	970.000	5453.000	968.000	5511.000
NH	7.000	1.200	4862.000	.300	4924.010	.264	4977.000	.058	5023.000	.180
NH	5115.000	.300	5195.000	1.200	5595.000	.000	.000	.000	.000	.000
X1	1789.500	55.000	4977.000	5023.000	654.500	654.500	654.500	.000	.000	.000
GR	960.260	4757.000	956.580	4778.000	950.260	4814.000	949.840	4816.000	944.220	4843.000
GR	940.260	4862.000	938.260	4872.000	937.750	4888.000	936.610	4923.970	936.610	4923.980
GR	936.610	4923.990	936.610	4924.000	936.610	4924.010	936.260	4935.000	936.200	4965.000
GR	936.200	4965.500	936.200	4965.500	936.200	4967.000	935.970	4968.500	935.970	4968.510
GR	934.810	4976.000	934.650	4976.000	931.070	4981.000	928.070	4985.000	924.270	4989.000
GR	924.670	4992.000	925.570	4992.000	926.270	4999.000	926.490	5000.000	928.550	5009.500
GR	928.550	5009.510	928.870	5011.000	931.070	5012.000	931.470	5012.500	931.480	5012.510
GR	931.870	5013.000	939.860	5023.000	940.190	5054.970	940.190	5054.980	940.190	5054.990
GR	940.190	5055.000	940.190	5055.010	940.260	5062.000	941.160	5081.000	942.780	5115.000
GR	946.590	5195.000	950.260	5272.000	956.610	5305.000	960.260	5324.000	961.850	5367.000
GR	964.130	5429.000	965.680	5471.000	967.200	5512.000	968.820	5556.000	970.260	5595.000

MC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	6.000	1.200	4862.000	.264	4923.990	.058	5055.000	.180	5115.000	.300
NH	5195.000	1.200	5595.000	.000	.000	.000	.000	.000	.000	.000
X1	1973.500	55.000	4923.990	5055.000	184.000	184.000	184.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	960.000	4757.000	956.320	4778.000	950.000	4814.000	949.580	4816.000	943.960	4843.000
GR	940.000	4862.000	938.000	4872.000	937.490	4888.000	936.350	4923.970	936.350	4923.980
GR	936.350	4923.990	936.350	4924.000	936.350	4924.010	936.000	4935.940	935.940	4965.000
GR	935.940	4965.500	935.940	4965.510	935.940	4967.000	935.710	4968.500	935.710	4968.510
GR	934.550	4976.000	934.390	4977.000	930.810	4981.000	927.810	4985.000	924.010	4989.000
GR	924.210	4992.000	925.310	4996.000	926.010	4999.000	926.230	5000.000	928.290	5009.500
GR	928.290	5009.510	928.610	5011.000	930.810	5012.000	931.210	5012.500	931.220	5012.510
GR	931.610	5013.000	939.600	5023.000	939.930	5054.970	939.930	5054.980	939.930	5054.990
GR	939.930	5055.000	939.930	5055.010	940.000	5062.000	940.000	5081.000	942.520	5115.000
GR	946.330	5195.000	950.000	5272.000	956.350	5305.000	960.000	5324.000	961.590	5367.000
GR	963.870	5429.000	965.420	5471.000	966.940	5512.000	968.560	5556.000	970.000	5595.000

NH	6.000	1.200	4862.000	.264	4923.990	.036	5055.000	5115.000	.300
NH	5195.000	1.200	5595.000	.000	.000	1.000	.000	.000	.000
X1	1974.500	55.000	4923.990	5055.000	1.000	1.000	1.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	956.120	.000
BT	-55.000	4757.000	960.020	960.000	4778.000	970.000	956.320	968.110	950.000
BT	.000	4816.000	968.000	949.580	4843.000	966.000	943.960	964.430	940.000
BT	.000	4872.000	963.600	938.000	4888.000	962.270	937.490	960.300	936.350
BT	.000	4923.980	963.100	936.350	4923.990	963.100	936.350	963.100	936.350
BT	.000	4924.010	963.100	956.800	4935.000	963.040	956.740	962.860	956.560
BT	.000	4965.510	962.860	956.560	4965.510	962.860	935.940	962.850	935.940
BT	.000	4968.500	962.840	935.710	4968.510	962.840	956.540	962.800	956.500
BT	.000	4977.000	962.790	956.490	4981.000	962.750	956.450	962.720	956.420
BT	.000	4989.000	962.680	956.380	4992.000	962.650	956.350	962.620	956.320
BT	.000	4999.000	962.590	956.290	5000.000	962.580	956.280	962.490	956.190
BT	.000	5009.510	962.490	928.290	5011.000	962.480	928.610	962.470	930.810
BT	.000	5012.500	962.460	931.210	5012.510	962.460	956.160	962.460	956.160
BT	.000	5023.000	962.370	956.070	5054.970	962.070	955.770	962.070	955.770
BT	.000	5054.990	962.070	947.850	5055.000	959.270	939.930	959.270	939.930
BT	.000	5062.000	958.420	940.000	5081.000	956.120	940.900	956.410	942.520
BT	.000	5195.000	957.080	946.330	5272.000	957.720	950.000	958.000	956.350
BT	.000	5324.000	960.010	960.000	5367.000	961.600	961.590	963.880	963.870
BT	.000	5471.000	965.430	965.420	5512.000	966.950	966.940	968.570	968.560
BT	.000	5595.000	970.020	970.000	.000	.000	.000	.000	.000
GR	960.000	4757.000	956.320	4778.000	950.000	4814.000	949.580	943.960	4843.000
GR	940.000	4862.000	938.000	4872.000	937.490	4888.000	936.350	936.350	4923.980
GR	936.350	4923.990	936.350	4924.000	956.800	4924.010	951.210	935.940	4965.000
GR	935.940	4965.500	935.940	4965.510	935.940	4967.000	935.710	935.710	4968.510
GR	934.550	4976.000	934.390	4977.000	930.810	4981.000	927.810	924.010	4989.000
GR	924.210	4992.000	925.310	4996.000	926.010	4999.000	926.230	928.290	5009.500
GR	928.290	5009.510	928.610	5011.000	930.810	5012.000	931.210	931.220	5012.510
GR	931.610	5013.000	937.370	5023.000	955.760	5054.970	955.770	939.930	5054.990
GR	939.930	5055.000	939.930	5055.010	940.900	5062.000	940.900	942.520	5115.000
GR	946.330	5195.000	950.000	5272.000	956.350	5305.000	960.000	961.590	5367.000
GR	963.870	5429.000	965.420	5471.000	966.940	5512.000	968.560	970.000	5595.000
NH	6.000	1.200	4862.000	.264	4923.990	.036	5055.000	5115.000	.300
NH	5195.000	1.200	5595.000	.000	.000	.000	.000	.000	.000

AIRPORT ROAD

X1	2005.500	55.000	4923.990	5055.000	31.000	31.000	31.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	956.120	.000
BT	-55.000	4757.000	960.020	960.000	4778.000	970.000	956.320	968.110	950.000
BT	.000	4816.000	968.000	949.580	4843.000	966.000	943.960	964.430	940.000
BT	.000	4872.000	963.600	938.000	4888.000	962.270	937.490	960.300	936.350
BT	.000	4923.980	963.100	936.350	4923.990	963.100	936.350	963.100	936.350
BT	.000	4924.010	963.100	956.800	4935.000	963.040	956.740	962.860	956.560
BT	.000	4965.500	962.860	956.560	4965.510	962.860	935.940	962.850	935.940
BT	.000	4968.500	962.840	935.710	4968.510	962.840	956.540	962.800	956.500
BT	.000	4977.000	962.790	956.490	4981.000	962.750	956.450	962.720	956.420
BT	.000	4989.000	962.680	956.380	4992.000	962.650	956.350	962.620	956.320
BT	.000	4999.000	962.590	956.290	5000.000	962.580	956.280	962.490	956.190
BT	.000	5009.510	962.490	928.290	5011.000	962.480	928.610	962.470	930.810

BT	.000	5012.500	962.460	931.210	5012.510	962.460	956.160	5013.000	962.460	956.160
BT	.000	5023.000	962.370	956.070	5054.970	962.070	955.770	5054.980	962.070	955.770
BT	.000	5034.990	962.070	947.850	5055.000	959.270	939.930	5055.010	959.270	939.930
BT	.000	5062.000	958.420	940.000	5081.000	956.120	940.900	5115.000	956.120	942.520
BT	.000	5195.000	957.080	946.330	5272.000	957.720	950.000	5305.000	958.000	956.350
BT	.000	5324.000	960.010	960.000	5367.000	961.600	961.590	5429.000	963.880	963.870
BT	.000	5471.000	965.430	965.420	5512.000	966.950	966.940	5556.000	968.570	968.560
BT	.000	5595.000	970.020	970.000	.000	.000	.000	.000	.000	.000
GR	960.000	4778.000	956.320	4778.000	950.000	4814.000	949.580	4816.000	943.960	4843.000
GR	940.000	4862.000	938.000	4872.000	937.490	4888.000	936.350	4923.970	936.350	4923.980
GR	936.350	4923.990	936.350	4924.000	956.800	4924.010	4935.940	4935.000	935.940	4965.000
GR	935.940	4965.500	935.940	4965.510	935.940	4967.000	935.710	4968.500	935.710	4968.510
GR	934.550	4976.000	934.390	4977.000	930.810	4981.000	927.810	4985.000	924.010	4989.000
GR	924.210	4992.000	925.310	4996.000	926.010	4999.000	926.230	5000.000	928.290	5009.500
GR	928.290	5009.510	928.610	5011.000	930.810	5012.000	931.210	5012.500	931.220	5012.510
GR	931.610	5013.000	937.370	5023.000	955.760	5054.970	955.770	5054.990	939.930	5054.990
GR	939.930	5055.000	939.930	5055.010	940.000	5062.000	940.900	5081.000	942.520	5115.000
GR	946.330	5195.000	950.000	5272.000	956.350	5305.000	960.000	5324.000	961.590	5367.000
GR	963.870	5429.000	965.420	5471.000	966.940	5512.000	968.560	5556.000	970.000	5595.000
NH	6.000	1.200	4862.000	.264	4923.990	.058	5055.000	.180	5115.000	.300
NH	5195.000	1.200	5595.000	.000	.000	.000	.000	.000	.000	.000
X1	2006.500	55.000	4923.990	5055.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	960.000	956.120	.000
GR	960.010	4757.000	956.330	4778.000	950.010	4814.000	949.590	4816.000	943.970	4843.000
GR	940.010	4862.000	938.010	4872.000	937.500	4888.000	936.360	4923.970	936.360	4923.980
GR	936.360	4923.990	936.360	4924.010	936.360	4924.010	936.010	4935.950	935.950	4965.000
GR	935.950	4965.500	935.950	4965.510	935.950	4967.000	935.720	4968.500	935.720	4968.510
GR	934.560	4976.000	934.400	4977.000	930.820	4981.000	927.820	4985.000	924.020	4989.000
GR	924.220	4992.000	925.320	4996.000	926.020	4999.000	926.240	5000.000	928.300	5009.500
GR	928.300	5009.510	928.620	5011.000	930.820	5012.000	931.220	5012.500	931.230	5012.510
GR	931.620	5013.000	939.940	5023.000	939.940	5054.970	939.940	5054.980	939.940	5054.990
GR	939.940	5055.000	939.940	5055.010	940.010	5062.000	940.910	5081.000	942.530	5115.000
GR	946.340	5195.000	950.010	5272.000	956.360	5305.000	960.010	5324.000	961.600	5367.000
GR	963.880	5429.000	965.430	5471.000	966.950	5512.000	968.570	5556.000	970.010	5595.000
NH	7.000	1.200	4862.000	.300	4924.010	.264	4977.000	.058	5023.000	.180
NH	5115.000	.300	5195.000	1.200	5595.000	.000	.000	.000	.000	.000
X1	2052.500	55.000	4977.000	5023.000	46.000	46.000	46.000	.000	.000	.000
GR	960.470	4757.000	956.790	4778.000	950.470	4814.000	950.050	4816.000	944.430	4843.000
GR	940.470	4862.000	938.470	4872.000	937.960	4888.000	936.820	4923.970	936.820	4923.980
GR	936.820	4923.990	936.820	4924.010	936.820	4924.010	936.470	4935.000	936.410	4965.000
GR	936.410	4965.500	936.410	4965.510	936.410	4967.000	936.180	4968.500	936.180	4968.510
GR	935.020	4976.000	934.860	4977.000	931.280	4981.000	928.280	4985.000	924.480	4989.000
GR	924.680	4992.000	925.780	4996.000	926.480	4999.000	926.700	5000.000	928.760	5009.500
GR	928.760	5009.510	929.080	5011.000	931.280	5012.000	931.680	5012.500	931.690	5012.510
GR	932.080	5013.000	940.070	5023.000	940.400	5034.970	940.400	5054.980	940.400	5054.990
GR	940.400	5055.000	940.400	5055.010	940.470	5062.000	941.370	5081.000	942.990	5115.000
GR	946.800	5195.000	950.470	5272.000	956.820	5305.000	960.470	5324.000	962.060	5367.000
GR	964.340	5429.000	965.890	5471.000	967.410	5512.000	969.030	5556.000	970.470	5595.000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.200	4835.000	.300	4925.000	.252	4975.500	.064	5024.500	.252
NH	5050.000	.300	5090.000	1.200	5090.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000

## Cross Section B

X1	2710.000	25.000	4975.500	5024.500	657.500	657.500	657.500	.000	.000	.000
GR	970.000	4486.000	960.000	4559.000	950.000	4642.000	948.000	4651.000	946.000	4666.000
GR	944.000	4681.000	942.000	4698.000	940.000	4721.000	938.000	4744.000	938.370	4835.000
GR	938.750	4925.000	938.850	4950.500	933.300	4975.500	931.810	4977.500	931.520	4987.500
GR	931.050	4998.500	931.110	5000.000	931.480	5009.500	931.800	5019.500	932.640	5024.500
GR	936.900	5036.500	940.000	5050.000	950.000	5062.000	960.000	5072.000	970.000	5090.000
NH	7.000	1.200	4835.000	.300	4925.000	.252	4975.500	.064	5024.500	.252
NH	5041.000	.300	5090.000	1.200	5388.000	.000	.000	.000	.000	.000

## Cross Section BA

X1	3520.000	35.000	4975.500	5024.500	810.000	810.000	810.000	.000	.000	.000
GR	960.000	4445.000	958.000	4455.000	956.000	4473.000	954.000	4493.000	952.000	4508.000
GR	950.000	4528.000	948.000	4548.000	946.000	4586.000	944.000	4621.000	942.440	4835.000
GR	942.000	4896.000	940.950	4925.000	940.000	4951.000	938.000	4970.000	935.850	4975.500
GR	934.360	4977.500	934.070	4987.500	933.600	4998.500	933.660	5000.000	934.030	5009.500
GR	936.000	5010.000	938.000	5021.000	938.350	5024.500	940.000	5041.000	942.000	5061.000
GR	944.000	5090.000	946.000	5120.000	948.000	5160.000	950.000	5180.000	952.000	5200.000
GR	954.000	5220.000	956.000	5257.000	958.000	5287.000	960.000	5317.000	970.000	5388.000
NH	6.000	1.200	4811.000	.300	4906.000	.252	4980.500	.064	5019.500	.300
NH	5088.000	1.200	5130.000	.000	.000	.000	.000	.000	.000	.000

## Cross Section C

X1	4090.000	27.000	4980.500	5019.500	570.000	570.000	570.000	.000	.000	.000
GR	964.000	4745.000	962.000	4770.000	960.000	4797.000	958.000	4811.000	956.000	4822.000
GR	954.000	4826.000	952.000	4850.000	950.000	4867.000	948.000	4885.000	946.000	4906.000
GR	944.000	4924.000	942.000	4954.000	940.000	4962.000	937.060	4980.500	936.500	4985.500
GR	935.650	4994.500	935.510	5000.000	935.400	5004.500	935.640	5011.500	936.470	5018.500
GR	936.350	5019.500	940.000	5039.000	950.000	5066.000	960.000	5088.000	970.000	5098.000
GR	980.000	5118.000	990.000	5130.000	.000	.000	.000	.000	.000	.000
NH	5.000	.300	4932.000	.252	4977.000	.064	5020.000	.300	5115.000	1.200
NH	5282.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.410	.000	.000	.000	.000

## Cross Section D

X1	4590.000	26.000	4977.000	5020.000	500.000	500.000	500.000	.000	.000	.000
GR	970.000	4855.000	960.000	4903.000	950.000	4932.000	948.000	4940.000	946.000	4947.000
GR	944.000	4959.000	942.000	4974.000	941.000	4977.000	940.100	4979.000	939.660	4987.400
GR	939.570	4997.000	939.550	5000.000	939.500	5007.800	940.100	5018.600	941.000	5020.000
GR	942.000	5022.000	944.000	5032.000	946.000	5072.000	948.000	5115.000	950.000	5148.000
GR	952.000	5162.000	954.000	5175.000	956.000	5203.000	958.000	5228.000	960.000	5250.000



GR	970.000	5282.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
MH	4.000	.300	4983.500	.064	5016.500	.300	5140.000	1.200	5378.000	.000	.000	.000	.000	.000
QT	6.000	3508.000	5500.000	64.77.000	9448.000	64.47.000	11764.000	.000	.000	.000	.000	.000	.000	.000

Cross Section E

X1	5635.000	23.000	4983.500	5016.500	1045.000	1045.000	1045.000	.000	.000	.000	.000	.000	.000	.000
GR	970.000	4953.000	950.160	4958.500	944.600	4983.500	943.790	4984.500	943.420	4990.500	4990.500	4990.500	4990.500	4990.500
GR	943.360	4994.500	943.220	4997.500	942.760	5007.500	943.740	5014.500	944.260	5016.500	5016.500	5016.500	5016.500	5016.500
GR	948.000	5036.000	950.000	5053.000	952.000	5087.000	954.000	5123.000	954.810	5140.000	5140.000	5140.000	5140.000	5140.000
GR	956.000	5165.000	958.000	5197.000	960.000	5232.000	962.000	5251.000	964.000	5271.000	5271.000	5271.000	5271.000	5271.000
GR	966.000	5311.000	968.000	5353.000	970.000	5378.000	.000	.000	.000	.000	.000	.000	.000	.000
MH	5.000	1.200	4928.000	.300	4981.000	.064	5019.000	.300	5117.000	1.200	1.200	1.200	1.200	1.200
MH	5189.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4930.000	5043.000	5043.000	5043.000	5043.000	5043.000

Cross Section F

X1	6885.000	22.000	4981.000	5019.000	1250.000	1250.000	1250.000	.000	.000	.000	.000	.000	.000	.000
GR	970.000	4859.000	968.000	4871.000	966.000	4881.000	964.000	4889.000	962.000	4908.000	4908.000	4908.000	4908.000	4908.000
GR	960.000	4928.000	958.000	4946.000	956.000	4973.000	950.000	4981.000	949.570	4984.500	4984.500	4984.500	4984.500	4984.500
GR	949.200	4988.500	948.070	4999.500	948.130	5000.000	949.230	5008.500	949.550	5011.500	5011.500	5011.500	5011.500	5011.500
GR	950.000	5019.000	960.000	5064.000	962.000	5117.000	964.000	5142.000	966.000	5152.000	5152.000	5152.000	5152.000	5152.000
GR	968.000	5171.000	970.000	5189.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
MC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000	.000	.000	.000
MH	4.000	1.200	4922.000	.300	4922.000	.064	5035.000	.300	5035.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4920.000	5043.000	5043.000	5043.000	5043.000	5043.000
X1	7107.000	27.000	4922.000	5035.000	222.000	222.000	222.000	.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	979.990	4720.000	969.990	4813.000	967.990	4839.000	965.990	4868.000	963.990	4880.000	4880.000	4880.000	4880.000	4880.000
GR	963.040	4898.000	960.160	4922.000	960.040	4923.000	958.120	4939.000	956.440	4953.000	4953.000	4953.000	4953.000	4953.000
GR	955.120	4964.000	954.650	4968.000	953.210	4980.000	951.170	4997.000	951.050	4998.000	4998.000	4998.000	4998.000	4998.000
GR	951.050	4998.010	950.810	4999.980	950.820	5000.000	951.490	5001.990	951.500	5002.000	5002.000	5002.000	5002.000	5002.000
GR	951.570	5002.200	954.220	5010.000	956.950	5018.000	962.740	5035.000	965.470	5043.000	5043.000	5043.000	5043.000	5043.000
GR	969.990	5059.000	979.990	5069.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
SB	1.250	1.550	2.600	.000	3.600	.000	16.000	.100	955.000	955.000	955.000	955.000	955.000	955.000
MH	4.000	1.200	4922.000	.300	4922.000	.064	5035.000	.300	5035.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4920.000	5047.000	5047.000	5047.000	5047.000	5047.000

STONE DAM

X1	7112.000	27.000	4922.000	5035.000	5.000	5.000	5.000	.000	.000	.000	.000	.000	.000	.000
X2	.000	.000	.000	959.000	957.960	.000	.000	.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-27.000	4720.000	980.020	980.000	4813.000	970.020	970.000	4839.000	968.020	968.000	968.000	968.000	968.000	968.000
BT	.000	4868.000	956.020	966.000	4880.000	964.020	964.000	4898.000	963.070	963.050	963.050	963.050	963.050	963.050
BT	.000	4922.000	960.190	960.170	4923.000	960.340	960.050	4939.000	960.600	960.600	960.600	960.600	960.600	960.600
BT	.000	4953.000	961.440	956.450	4964.000	960.300	955.130	4968.000	957.960	954.660	954.660	954.660	954.660	954.660
BT	.000	4980.000	958.690	953.220	4997.000	959.150	951.180	4998.000	959.190	955.000	955.000	955.000	955.000	955.000
BT	.000	4998.010	959.190	959.000	4999.980	959.270	959.000	5000.000	959.270	959.270	959.270	959.270	959.270	959.270

















\*\*\*\*\*  
 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-XI VERSION AUGUST 1985  
 \*\*\*\*\*

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

Drowning Creek

SUMMARY PRINTOUT TABLE 150

SECCO	XLCH	ELTRD	ELLC	ELMIN	Q	CUSEL	CRINS	EG	10K*S	VCH	AREA	-01K
380.000	.00	.00	.00	921.82	3912.00	935.60	.00	936.00	45.40	6.23	707.48	580.60
380.000	.00	.00	.00	921.82	6081.00	937.63	.00	938.44	44.82	7.29	1073.15	908.32
380.000	.00	.00	.00	921.82	7143.00	938.48	.00	939.39	45.90	7.81	1225.98	1054.38
380.000	.00	.00	.00	921.82	10370.00	940.91	.00	942.08	45.95	8.97	1712.65	1529.82
391.000	11.00	.00	.00	921.84	3912.00	935.41	.00	936.10	44.51	6.66	587.15	586.39
391.000	11.00	.00	.00	921.84	6081.00	937.56	.00	938.61	49.71	8.22	740.10	862.51
391.000	11.00	.00	.00	921.84	7143.00	938.37	.00	939.62	53.52	8.96	797.28	976.41
391.000	11.00	.00	.00	921.84	10370.00	940.64	.00	942.46	60.96	10.81	958.93	1328.19
392.000	1.00	947.83	990.00	921.84	3912.00	935.41	.00	936.11	20.20	6.71	583.17	870.31
392.000	1.00	947.83	990.00	921.84	6081.00	937.56	.00	938.62	24.14	8.28	734.82	1237.71
392.000	1.00	947.83	990.00	921.84	7143.00	938.36	.00	939.63	26.65	9.03	791.26	1383.65
392.000	1.00	947.83	990.00	921.84	10370.00	940.64	.00	942.48	32.38	10.89	951.91	1822.39
408.000	16.00	947.83	990.00	921.84	3912.00	935.45	.00	936.14	19.87	6.67	586.37	877.64
408.000	16.00	947.83	990.00	921.84	6081.00	937.61	.00	938.66	23.79	8.24	738.35	1246.72
408.000	16.00	947.83	990.00	921.84	7143.00	938.42	.00	939.67	26.24	8.98	755.38	1394.48
408.000	16.00	947.83	990.00	921.84	10370.00	940.71	.00	942.54	31.91	10.84	956.64	1835.79
409.000	1.00	.00	.00	921.84	3912.00	935.46	.00	936.15	43.65	6.62	590.57	592.10
409.000	1.00	.00	.00	921.84	6081.00	937.64	.00	938.67	48.50	8.16	745.56	873.14
409.000	1.00	.00	.00	921.84	7143.00	938.46	.00	939.69	52.11	8.89	803.70	989.54
409.000	1.00	.00	.00	921.84	10370.00	940.77	.00	942.55	59.14	10.72	967.71	1348.51
493.000	84.00	.00	.00	922.23	3912.00	935.97	.00	936.54	42.46	6.10	732.05	600.37
493.000	84.00	.00	.00	922.23	6081.00	938.39	.00	939.13	39.53	7.01	1135.56	967.18
493.000	84.00	.00	.00	922.23	7143.00	939.36	.00	940.18	39.16	7.43	1316.84	1141.43
493.000	84.00	.00	.00	922.23	10370.00	942.17	.00	943.17	36.41	8.34	1908.71	1718.58
1135.000	642.00	.00	.00	925.18	3912.00	937.90	.00	938.23	17.40	4.75	1347.95	937.90
1135.000	642.00	.00	.00	925.18	6081.00	940.36	.00	940.80	17.86	5.60	2049.94	1439.11
1135.000	642.00	.00	.00	925.18	7143.00	941.38	.00	941.87	18.13	5.96	2376.11	1677.58
1135.000	642.00	.00	.00	925.18	10370.00	944.21	.00	944.81	18.22	6.80	3334.17	2429.56

SECCNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIMS	EG	10K*S	VCH	AREA	.01K
1789.500	654.50	.00	.00	924.27	3912.00	39.36	.00	940.33	58.69	8.11	729.90	510.63
1789.500	654.50	.00	.00	924.27	6081.00	941.78	.00	942.99	60.47	9.43	1214.04	782.02
1789.500	654.50	.00	.00	924.27	7143.00	942.79	.00	944.08	59.64	9.88	1470.08	924.93
1789.500	654.50	.00	.00	924.27	10370.00	945.59	.00	946.96	54.39	10.71	2312.17	1406.16
1973.500	184.00	.00	.00	924.01	3912.00	940.93	.00	941.26	29.82	4.63	844.18	716.43
1973.500	184.00	.00	.00	924.01	6081.00	943.48	.00	943.89	23.67	5.16	1178.80	1249.82
1973.500	184.00	.00	.00	924.01	7143.00	944.51	.00	944.97	22.76	5.44	1313.66	1497.09
1973.500	184.00	.00	.00	924.01	10370.00	947.19	.00	947.79	21.79	6.23	1664.74	2221.69
1974.500	1.00	956.12	970.00	924.01	3912.00	940.76	.00	941.44	18.01	6.62	591.13	921.71
1974.500	1.00	956.12	970.00	924.01	6081.00	943.20	.00	944.18	23.11	7.93	766.90	1264.87
1974.500	1.00	956.12	970.00	924.01	7143.00	944.19	.00	945.30	25.17	8.46	843.87	1423.70
1974.500	1.00	956.12	970.00	924.01	10370.00	946.75	.00	948.23	29.89	9.77	1061.58	1896.68
2005.500	31.00	956.12	970.00	924.01	3912.00	940.83	.00	941.50	17.63	6.56	596.13	931.77
2005.500	31.00	956.12	970.00	924.01	6081.00	943.30	.00	944.25	22.59	7.86	774.06	1279.48
2005.500	31.00	956.12	970.00	924.01	7143.00	944.29	.00	945.38	24.56	8.38	852.27	1441.30
2005.500	31.00	956.12	970.00	924.01	10370.00	946.88	.00	948.33	29.03	9.66	1073.49	1924.76
2006.500	1.00	.00	.00	924.02	3912.00	941.31	.00	941.61	24.64	4.38	893.85	788.07
2006.500	1.00	.00	.00	924.02	6081.00	944.07	.00	944.43	19.19	4.84	1255.40	1388.07
2006.500	1.00	.00	.00	924.02	7143.00	945.19	.00	945.59	18.34	5.10	1401.77	1668.16
2006.500	1.00	.00	.00	924.02	10370.00	948.09	.00	948.61	17.41	5.82	1780.67	2485.48
2052.500	46.00	.00	.00	924.48	3912.00	941.29	.00	941.89	31.93	6.59	1051.81	692.27
2052.500	46.00	.00	.00	924.48	6081.00	946.00	.00	944.73	31.58	7.54	1747.42	1082.17
2052.500	46.00	.00	.00	924.48	7143.00	945.12	.00	945.88	31.30	7.89	2087.54	1276.79
2052.500	46.00	.00	.00	924.48	10370.00	948.03	.00	948.87	30.30	8.72	3129.94	1884.01
2710.000	657.50	.00	.00	931.05	3912.00	943.24	.00	943.61	21.26	5.46	2074.00	848.37
2710.000	657.50	.00	.00	931.05	6081.00	945.99	.00	946.46	21.65	6.35	3116.35	1306.87
2710.000	657.50	.00	.00	931.05	7143.00	947.11	.00	947.52	22.12	6.74	3558.82	1518.90
2710.000	657.50	.00	.00	931.05	10370.00	950.00	.00	950.65	23.65	7.81	4747.24	2132.36
3520.000	810.00	.00	.00	933.60	3912.00	945.31	.00	945.78	33.60	6.19	1824.10	674.86
3520.000	810.00	.00	.00	933.60	6081.00	948.00	.00	948.52	29.84	6.81	3334.08	1113.20
3520.000	810.00	.00	.00	933.60	7143.00	949.13	.00	949.66	28.86	7.08	4036.66	1329.67
3520.000	810.00	.00	.00	933.60	10370.00	952.10	.00	952.70	27.19	7.80	6013.46	1988.88
4090.000	570.00	.00	.00	935.40	3912.00	947.22	.00	947.88	38.33	7.22	1071.84	631.88
4090.000	570.00	.00	.00	935.40	6081.00	949.74	.00	950.65	42.50	8.69	1528.04	932.82
4090.000	570.00	.00	.00	935.40	7143.00	950.80	.00	951.81	43.81	9.27	1741.97	1079.14
4090.000	570.00	.00	.00	935.40	10370.00	953.62	.00	954.89	46.30	10.70	2373.41	1523.99
4590.000	500.00	.00	.00	939.50	3912.00	949.43	.00	950.25	57.38	7.92	988.33	516.46
4590.000	500.00	.00	.00	939.50	6081.00	952.06	.00	953.05	53.65	8.99	1575.49	830.21
4590.000	500.00	.00	.00	939.50	7143.00	953.16	.00	954.23	52.89	9.45	1841.29	982.19
4590.000	500.00	.00	.00	939.50	10370.00	956.06	.00	957.35	51.97	10.68	2611.05	1438.43

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
5635.000	1045.00	.00	.00	942.76	3508.00	954.70	.00	955.42	42.35	7.57	1017.07	539.07
5635.000	1045.00	.00	.00	942.76	5500.00	957.28	.00	958.24	45.70	9.02	1549.97	813.57
5635.000	1045.00	.00	.00	942.76	6477.00	958.38	.00	959.44	46.71	9.59	1810.57	947.67
5635.000	1045.00	.00	.00	942.76	9448.00	961.30	.00	962.61	48.59	11.01	2603.48	1355.46
6885.000	1250.00	.00	.00	948.07	3508.00	960.06	.00	960.87	44.46	7.61	802.22	526.14
6885.000	1250.00	.00	.00	948.07	5500.00	962.88	.00	963.93	44.83	8.90	1330.20	821.48
6885.000	1250.00	.00	.00	948.07	6477.00	964.05	.00	965.18	44.83	9.39	1610.94	967.40
6885.000	1250.00	.00	.00	948.07	9448.00	967.10	.00	968.46	44.82	10.64	2431.78	1411.23
7107.000	222.00	.00	.00	950.81	3508.00	961.59	.00	962.05	52.46	5.42	656.08	484.36
7107.000	222.00	.00	.00	950.81	5500.00	964.47	.00	964.96	34.80	5.66	1060.96	932.36
7107.000	222.00	.00	.00	950.81	6477.00	965.65	.00	966.18	31.22	5.84	1260.80	1159.29
7107.000	222.00	.00	.00	950.81	9448.00	968.79	.00	969.42	25.93	6.41	1884.49	1855.54
7112.000	5.00	957.96	959.00	951.18	3508.00	964.32	.00	964.54	17.17	3.75	1017.58	846.62
7112.000	5.00	957.96	959.00	951.18	5500.00	965.94	.00	966.31	23.12	4.90	1291.13	1143.94
7112.000	5.00	957.96	959.00	951.18	6477.00	966.78	.00	967.22	24.33	5.31	1445.65	1313.24
7112.000	5.00	957.96	959.00	951.18	9448.00	969.46	.00	970.04	24.30	6.15	2020.16	1916.58
7226.000	114.00	.00	.00	951.16	3508.00	964.51	.00	964.73	15.99	3.74	1011.43	877.18
7226.000	114.00	.00	.00	951.16	5500.00	966.20	.00	966.57	21.07	4.86	1294.68	1198.34
7226.000	114.00	.00	.00	951.16	6477.00	967.06	.00	967.48	22.12	5.26	1450.77	1377.27
7226.000	114.00	.00	.00	951.16	9448.00	969.73	.00	970.31	22.20	6.11	2023.71	2005.32
7940.000	714.00	.00	.00	953.30	3508.00	965.86	.00	966.70	44.20	7.90	894.23	527.63
7940.000	714.00	.00	.00	953.30	5500.00	967.90	.00	969.18	57.94	10.04	1217.98	722.57
7940.000	714.00	.00	.00	953.30	6477.00	968.81	.00	970.28	62.36	10.86	1374.54	820.23
7940.000	714.00	.00	.00	953.30	9448.00	971.38	.00	973.31	69.74	12.78	1853.14	1131.36
8425.700	485.75	.00	.00	953.70	3508.00	968.14	.00	968.71	38.18	6.20	717.33	567.70
8425.700	485.75	.00	.00	953.70	5500.00	970.76	.00	971.53	39.20	7.33	1058.18	878.46
8425.700	485.75	.00	.00	953.70	6477.00	971.88	.00	972.72	39.40	7.77	1218.77	1031.90
8425.700	485.75	.00	.00	953.70	9448.00	974.85	.00	975.89	39.37	8.85	1702.82	1505.71
8641.700	216.00	.00	.00	953.88	3508.00	969.26	.00	969.53	29.87	4.20	834.66	641.86
8641.700	216.00	.00	.00	953.88	5500.00	972.02	.00	972.34	25.61	4.53	1213.55	1086.72
8641.700	216.00	.00	.00	953.88	6477.00	973.17	.00	973.51	23.23	4.67	1385.98	1343.86
8641.700	216.00	.00	.00	953.88	9448.00	976.25	.00	976.65	18.97	5.11	1847.17	2169.08
8642.700	1.00	978.71	990.00	953.88	3508.00	969.24	.00	969.55	10.13	4.46	786.45	1102.27
8642.700	1.00	978.71	990.00	953.88	5500.00	971.99	.00	972.37	8.47	4.90	1121.46	1889.54
8642.700	1.00	978.71	990.00	953.88	6477.00	973.14	.00	973.54	8.15	5.09	1273.50	2268.70
8642.700	1.00	978.71	990.00	953.88	9448.00	976.21	.00	976.69	7.71	5.55	1702.88	3402.48
8667.200	24.50	978.71	990.00	953.88	3508.00	969.27	.00	969.57	10.05	4.45	788.44	1106.57
8667.200	24.50	978.71	990.00	953.88	5500.00	972.02	.00	972.39	8.38	4.89	1125.69	1899.95
8667.200	24.50	978.71	990.00	953.88	6477.00	973.17	.00	973.56	8.07	5.07	1277.59	2279.92
8667.200	24.50	978.71	990.00	953.88	9448.00	976.23	.00	976.71	7.66	5.54	1706.84	3414.72

SECNO	XLCH	ELTRD	ELLC	ELMIN	O	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
8668.200	1.00	.00	.00	953.88	3508.00	969.32	.00	969.59	29.04	4.16	842.62	650.97
8668.200	1.00	.00	.00	953.88	5500.00	972.09	.00	972.41	24.91	4.49	1224.56	1102.06
8668.200	1.00	.00	.00	953.88	6477.00	973.25	.00	973.59	22.57	4.63	1397.95	1363.27
8668.200	1.00	.00	.00	953.88	9448.00	976.33	.00	976.73	18.54	5.08	1860.02	2194.30
8722.200	54.00	.00	.00	954.09	3508.00	969.38	.00	969.84	28.24	5.63	823.12	660.08
8722.200	54.00	.00	.00	954.09	5500.00	972.08	.00	972.71	29.89	6.71	1191.78	1005.94
8722.200	54.00	.00	.00	954.09	6477.00	973.21	.00	973.91	30.52	7.15	1364.08	1172.50
8722.200	54.00	.00	.00	954.09	9448.00	976.22	.00	977.10	31.55	8.23	1879.67	1681.98
8980.000	257.75	.00	.00	955.08	3508.00	970.03	.00	970.31	11.72	4.59	1345.99	1024.77
8980.000	257.75	.00	.00	955.08	5500.00	972.85	.00	973.24	13.83	5.64	1910.11	1478.85
8980.000	257.75	.00	.00	955.08	6477.00	974.01	.00	974.46	14.68	6.07	2151.76	1690.53
8980.000	257.75	.00	.00	955.08	9448.00	977.11	.00	977.71	16.69	7.19	2845.70	2312.47

## Drowning Creek

## SUMMARY PRINTOUT TABLE 150

SECNO	0	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
380.000	3912.00	935.40	.00	.00	-4.60	155.77	.00
380.000	6081.00	937.63	2.23	.00	-2.37	175.37	.00
380.000	7143.00	938.48	.85	.00	-1.52	185.59	.00
380.000	10370.00	940.91	2.43	.00	.91	215.26	.00
391.000	3912.00	935.41	.00	.00	.00	71.00	11.00
391.000	6081.00	937.56	2.15	-.07	.00	71.00	11.00
391.000	7143.00	938.37	.81	-.11	.00	71.00	11.00
391.000	10370.00	940.64	2.28	-.26	.00	71.00	11.00
392.000	3912.00	935.41	.00	.00	.00	70.33	1.00
392.000	6081.00	937.56	2.15	.00	.00	70.49	1.00
392.000	7143.00	938.36	.80	-.01	.00	70.55	1.00
392.000	10370.00	940.64	2.27	-.01	.00	70.72	1.00
408.000	3912.00	935.45	.00	.04	.00	70.33	16.00
408.000	6081.00	937.61	2.16	.05	.00	70.49	16.00
408.000	7143.00	938.42	.81	.06	.00	70.55	16.00
408.000	10370.00	940.71	2.29	.08	.00	70.72	16.00
409.000	3912.00	935.46	.00	.02	.00	71.00	1.00
409.000	6081.00	937.64	2.18	.03	.00	71.00	1.00
409.000	7143.00	938.46	.82	.04	.00	71.00	1.00
409.000	10370.00	940.77	2.31	.06	.00	71.00	1.00
493.000	3912.00	935.97	.00	.50	.00	156.85	84.00
493.000	6081.00	938.39	2.42	.75	.00	179.43	84.00
493.000	7143.00	939.36	.97	.90	.00	191.64	84.00
493.000	10370.00	942.17	2.80	1.40	.00	234.02	84.00
1135.000	3912.00	937.90	.00	1.93	.00	271.05	642.00
1135.000	6081.00	940.36	2.47	1.97	.00	311.90	642.00
1135.000	7143.00	941.38	1.02	2.02	.00	325.16	642.00
1135.000	10370.00	944.21	2.83	2.04	.00	352.42	642.00
1789.500	3912.00	939.36	.00	1.46	.00	155.90	654.50
1789.500	6081.00	941.78	2.42	1.42	.00	239.34	654.50
1789.500	7143.00	942.79	1.01	1.41	.00	265.50	654.50
1789.500	10370.00	945.59	2.79	1.38	.00	337.55	654.50
1973.500	3912.00	940.93	.00	1.57	.00	131.02	184.00
1973.500	6081.00	943.48	2.55	1.70	.00	131.02	184.00
1973.500	7143.00	944.51	1.03	1.72	.00	131.02	184.00
1973.500	10370.00	947.19	2.68	1.60	.00	131.02	184.00

SEENO	G	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1974.500	3912.00	940.76	.00	-.17	.00	73.39	1.00
1974.500	6081.00	943.20	2.44	-.28	.00	82.44	1.00
1974.500	7143.00	944.19	.98	-.32	.00	86.09	1.00
1974.500	10370.00	946.75	2.57	-.44	.00	95.59	1.00
2005.500	3912.00	940.83	.00	.07	.00	73.66	31.00
2005.500	6081.00	943.30	2.47	.09	.00	82.79	31.00
2005.500	7143.00	944.29	.99	.11	.00	86.47	31.00
2005.500	10370.00	946.88	2.59	.13	.00	96.08	31.00
2006.500	3912.00	941.31	.00	.48	.00	131.02	1.00
2006.500	6081.00	944.07	2.76	.77	.00	131.02	1.00
2006.500	7143.00	945.19	1.12	.90	.00	131.02	1.00
2006.500	10370.00	948.09	2.90	1.20	.00	131.02	1.00
2052.500	3912.00	941.29	.00	-.03	.00	221.17	46.00
2052.500	6081.00	944.00	2.72	-.07	.00	291.20	46.00
2052.500	7143.00	945.12	1.11	-.07	.00	319.92	46.00
2052.500	10370.00	948.03	2.92	-.06	.00	395.13	46.00
2710.000	3912.00	943.24	.00	1.96	.00	366.45	657.50
2710.000	6081.00	945.99	2.75	1.99	.00	391.13	657.50
2710.000	7143.00	947.11	1.12	1.99	.00	400.85	657.50
2710.000	10370.00	950.00	2.89	1.97	.00	419.99	657.50
3520.000	3912.00	945.31	.00	2.06	.00	511.42	810.00
3520.000	6081.00	948.00	2.70	2.01	.00	612.03	810.00
3520.000	7143.00	949.13	1.13	2.02	.00	634.57	810.00
3520.000	10370.00	952.10	2.98	2.11	.00	693.82	810.00
4090.000	3912.00	947.22	.00	1.91	.00	165.29	570.00
4090.000	6081.00	949.74	2.52	1.74	.00	195.95	570.00
4090.000	7143.00	950.80	1.06	1.67	.00	207.55	570.00
4090.000	10370.00	953.62	2.82	1.51	.00	243.33	570.00
4590.000	3912.00	949.43	.00	2.21	.00	204.27	500.00
4590.000	6081.00	952.06	2.64	2.32	.00	236.40	500.00
4590.000	7143.00	953.16	1.10	2.37	.00	246.75	500.00
4590.000	10370.00	956.06	2.90	2.44	.00	289.32	500.00
5635.000	3508.00	954.70	.00	5.27	.00	180.43	1045.00
5635.000	5500.00	957.28	2.58	5.22	.00	228.99	1045.00
5635.000	6477.00	958.38	1.10	5.22	.00	247.38	1045.00
5635.000	9448.00	961.30	2.92	5.24	.00	288.96	1045.00
6885.000	3508.00	960.06	.00	5.36	.00	138.21	1250.00
6885.000	5500.00	962.88	2.82	5.60	.00	228.25	1250.00
6885.000	6477.00	964.05	1.17	5.67	.00	253.36	1250.00
6885.000	9448.00	967.10	3.05	5.80	.00	286.95	1250.00

SECNO	Q	CWSEL	DIFWSP	DIFWSK	DIFKWS	TOPWID	XLCH
7107.000	3508.00	961.59	.00	1.53	.00	121.63	222.00
7107.000	5500.00	964.47	2.87	1.58	.00	162.94	222.00
7107.000	6477.00	965.65	1.19	1.61	.00	173.66	222.00
7107.000	9448.00	968.79	3.13	1.69	.00	226.14	222.00
7112.000	3508.00	964.32	.00	2.73	.00	161.54	5.00
7112.000	5500.00	965.94	1.62	1.48	.00	176.30	5.00
7112.000	6477.00	966.78	.84	1.13	.00	191.01	5.00
7112.000	9448.00	969.46	2.68	.67	.00	237.12	5.00
7226.000	3508.00	964.51	.00	.19	.00	160.20	114.00
7226.000	5500.00	966.20	1.69	.26	.00	175.51	114.00
7226.000	6477.00	967.06	.86	.27	.00	189.78	114.00
7226.000	9448.00	969.73	2.68	.27	.00	236.10	114.00
7940.000	3508.00	965.86	.00	1.35	.00	149.16	714.00
7940.000	5500.00	967.90	2.04	1.70	.00	168.99	714.00
7940.000	6477.00	968.81	.91	1.75	.00	175.25	714.00
7940.000	9448.00	971.38	2.57	1.64	.00	199.49	714.00
8425.700	3508.00	968.14	.00	2.28	.00	123.20	485.75
8425.700	5500.00	970.76	2.62	2.86	.00	139.46	485.75
8425.700	6477.00	971.88	1.11	3.07	.00	149.47	485.75
8425.700	9448.00	974.85	2.97	3.47	.00	176.21	485.75
8641.700	3508.00	969.26	.00	1.11	.00	127.55	216.00
8641.700	5500.00	972.02	2.76	1.26	.00	148.01	216.00
8641.700	6477.00	973.17	1.15	1.30	.00	150.10	216.00
8641.700	9448.00	976.25	3.07	1.40	.00	150.10	216.00
8642.700	3508.00	969.24	.00	-.02	.00	123.35	1.00
8642.700	5500.00	971.99	2.75	-.03	.00	131.86	1.00
8642.700	6477.00	973.14	1.15	-.03	.00	136.46	1.00
8642.700	9448.00	976.21	3.07	-.03	.00	149.71	1.00
8667.200	3508.00	969.27	.00	.03	.00	123.40	24.50
8667.200	5500.00	972.02	2.75	.02	.00	131.96	24.50
8667.200	6477.00	973.17	1.15	.02	.00	136.50	24.50
8667.200	9448.00	976.23	3.07	.02	.00	149.75	24.50
8668.200	3508.00	969.32	.00	.05	.00	127.84	1.00
8668.200	5500.00	972.09	2.77	.08	.00	148.25	1.00
8668.200	6477.00	973.25	1.16	.09	.00	150.10	1.00
8668.200	9448.00	976.33	3.08	.10	.00	150.10	1.00
8722.200	3508.00	969.38	.00	.06	.00	127.13	54.00
8722.200	5500.00	972.08	2.71	-.01	.00	147.84	54.00
8722.200	6477.00	973.21	1.13	-.04	.00	157.98	54.00
8722.200	9448.00	976.22	3.01	-.12	.00	185.04	54.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPMID	XLCH
8980.000	3508.00	970.03	.00	.65	.00	195.50	257.75
8980.000	5500.00	972.85	2.82	.76	.00	204.75	257.75
8980.000	6477.00	974.01	1.17	.81	.00	208.57	257.75
8980.000	9448.00	977.11	3.09	.89	.00	284.27	257.75



THIS RUN EXECUTED 01-03-89 20:59:10

\*\*\*\*\*  
 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 Burke Co. SC FIS  
 T2 Filename:Drown.in Eng:GHS ET:TFH/CMC Comm. No. 23538  
 T3 Drowning Creek Date: 12/10/88 100-year event

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FD
	0.	4.	0.	0.	.004544	.00	.0	0.	940.000	.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 COOES FOR SUMMARY PRINTOUT									
	110.000	200.000	.000	.000	.000	.000	.000	.000	.000	.000

  

NC	.150	.150	.100	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.300	4853.000	.180	4958.000	.058	5042.000	.300	5108.000	1.200
NH	5316.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	6.000	3912.000	6081.000	7143.000	10370.000	7143.000	11764.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000

=====  
 ===== HEC-2 Input file created with CodeH2 =====  
 ===== Version: 3.49 =====  
 ===== CodeH2 Copyrighted 1986, 1987, 1988 =====  
 ===== Run Date: Tuesday January 3, 1989 =====  
 ===== Run Time: 20:59:03 =====  
 =====

D/S of Southern Railroad

X1	380.000	30.000	4958.000	5042.000	380.000	380.000	380.000	.000	.000	.000
GR	990.000	4773.000	980.000	4808.000	970.000	4835.000	960.000	4853.000	941.000	4903.000
GR	941.050	4916.000	936.380	4958.000	930.920	4965.000	928.360	4968.000	921.820	4974.000
GR	923.620	4983.000	925.920	4993.000	928.410	5000.000	928.220	5016.000	929.900	5029.000
GR	930.920	5035.000	929.920	5036.000	933.760	5042.000	934.520	5079.000	934.000	5108.000
GR	936.000	5118.000	938.000	5123.000	940.000	5130.000	950.000	5158.000	960.000	5188.000
GR	962.000	5210.000	964.000	5238.000	966.000	5276.000	968.000	5306.000	970.000	5316.000





NC .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000  
 NH 6.000 1.200 4774.000 .300 .180 .000 .058 5038.000 .300 .000 .000  
 NH 5065.000 1.200 5511.000 .000 .000 .000 .000 .000 .000 .000 .000 .000

Cross Section A

X1 1135.000 45.000 4958.000 5038.000 642.000 642.000 642.000 642.000 642.000 642.000 642.000 642.000  
 GR 990.000 4703.000 980.000 4742.000 4774.000 4774.000 4774.000 4774.000 4774.000 4774.000 4774.000 4774.000  
 GR 950.000 4811.000 940.000 4846.000 4863.000 4863.000 4863.000 4863.000 4863.000 4863.000 4863.000 4863.000  
 GR 934.000 4945.000 932.000 4958.000 4958.500 4958.500 4958.500 4958.500 4958.500 4958.500 4958.500 4958.500  
 GR 928.130 4988.500 927.730 4998.500 5000.000 5000.000 5000.000 5000.000 5000.000 5000.000 5000.000 5000.000  
 GR 932.000 5038.000 934.000 5053.000 5065.000 5065.000 5065.000 5065.000 5065.000 5065.000 5065.000 5065.000  
 GR 934.000 5106.000 936.000 5141.000 5148.000 5148.000 5148.000 5148.000 5148.000 5148.000 5148.000 5148.000  
 GR 944.000 5181.000 946.000 5207.000 5225.000 5225.000 5225.000 5225.000 5225.000 5225.000 5225.000 5225.000  
 GR 954.000 5288.000 956.000 5305.000 5318.000 5318.000 5318.000 5318.000 5318.000 5318.000 5318.000 5318.000  
 GR 964.000 5354.000 966.000 5374.000 5399.000 5399.000 5399.000 5399.000 5399.000 5399.000 5399.000 5399.000  
 NH 7.000 1.200 4862.000 .300 .264 .000 .058 4977.000 .058 5023.000 .180 .000  
 NH 5115.000 .000 5195.000 1.200 5595.000 .000 8.410 .000 .000 .000 .000 .000 .000  
 ET .000 .000 4977.000 .000 654.500 654.500 654.500 654.500 654.500 654.500 654.500 654.500  
 X1 1789.500 55.000 4977.000 5023.000 4814.000 4814.000 4814.000 4814.000 4814.000 4814.000 4814.000 4814.000  
 GR 960.260 4757.000 956.580 4778.000 4888.000 4888.000 4888.000 4888.000 4888.000 4888.000 4888.000 4888.000  
 GR 940.260 4862.000 938.260 4872.000 4923.970 4923.970 4923.970 4923.970 4923.970 4923.970 4923.970 4923.970  
 GR 936.610 4923.990 936.610 4924.000 4924.010 4924.010 4924.010 4924.010 4924.010 4924.010 4924.010 4924.010  
 GR 936.200 4965.500 936.200 4965.510 4967.000 4967.000 4967.000 4967.000 4967.000 4967.000 4967.000 4967.000  
 GR 934.810 4976.000 934.650 4977.000 4981.000 4981.000 4981.000 4981.000 4981.000 4981.000 4981.000 4981.000  
 GR 924.470 4992.000 925.570 4996.000 4999.000 4999.000 4999.000 4999.000 4999.000 4999.000 4999.000 4999.000  
 GR 928.550 5009.510 928.870 5011.000 5012.000 5012.000 5012.000 5012.000 5012.000 5012.000 5012.000 5012.000  
 GR 931.870 5013.000 930.860 5023.000 5054.970 5054.970 5054.970 5054.970 5054.970 5054.970 5054.970 5054.970  
 GR 940.190 5055.000 940.190 5055.010 5062.000 5062.000 5062.000 5062.000 5062.000 5062.000 5062.000 5062.000  
 GR 946.590 5195.000 950.260 5272.000 5305.000 5305.000 5305.000 5305.000 5305.000 5305.000 5305.000 5305.000  
 GR 964.130 5429.000 965.680 5471.000 5512.000 5512.000 5512.000 5512.000 5512.000 5512.000 5512.000 5512.000  
 NC .000 .000 .000 .300 .058 .000 .180 5115.000 .000 .000 .000 .000  
 NH 5195.000 1.200 4862.000 .264 .000 .000 .180 5115.000 .000 .000 .000 .000  
 NH 1973.500 55.000 4923.990 5055.000 184.000 184.000 184.000 184.000 184.000 184.000 184.000 184.000  
 X3 10.000 .000 4923.990 .000 .000 .000 .000 .000 .000 .000 .000 .000  
 GR 960.000 4757.000 956.320 4778.000 4814.000 4814.000 4814.000 4814.000 4814.000 4814.000 4814.000 4814.000  
 GR 940.000 4862.000 936.000 4872.000 4888.000 4888.000 4888.000 4888.000 4888.000 4888.000 4888.000 4888.000  
 GR 936.350 4923.990 936.350 4924.000 4924.010 4924.010 4924.010 4924.010 4924.010 4924.010 4924.010 4924.010  
 GR 935.940 4965.500 935.940 4965.510 4967.000 4967.000 4967.000 4967.000 4967.000 4967.000 4967.000 4967.000  
 GR 934.550 4976.000 934.390 4977.000 4981.000 4981.000 4981.000 4981.000 4981.000 4981.000 4981.000 4981.000  
 GR 924.210 4992.000 925.310 4996.000 4999.000 4999.000 4999.000 4999.000 4999.000 4999.000 4999.000 4999.000  
 GR 928.290 5009.510 928.610 5011.000 5012.000 5012.000 5012.000 5012.000 5012.000 5012.000 5012.000 5012.000  
 GR 931.610 5013.000 930.600 5023.000 5054.970 5054.970 5054.970 5054.970 5054.970 5054.970 5054.970 5054.970  
 GR 939.930 5055.000 939.930 5055.010 5062.000 5062.000 5062.000 5062.000 5062.000 5062.000 5062.000 5062.000  
 GR 946.330 5195.000 950.330 5272.000 5305.000 5305.000 5305.000 5305.000 5305.000 5305.000 5305.000 5305.000  
 GR 963.870 5429.000 965.420 5471.000 5512.000 5512.000 5512.000 5512.000 5512.000 5512.000 5512.000 5512.000

NH	6.000	1.200	4862.000	.264	4923.990	.036	5055.000	.180	5115.000	.300
NH	5195.000	1.200	5595.000	.000	.000	.000	.000	.000	.000	.000
X1	1974.500	55.000	4923.990	5055.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-55.000	4757.000	960.020	960.000	4778.000	970.000	956.320	4814.000	968.110	950.000
BT	.000	4816.000	968.000	949.580	4843.000	966.000	943.960	4862.000	964.430	940.000
BT	.000	4872.000	963.600	938.000	4888.000	962.270	937.490	4923.970	960.300	936.350
BT	.000	4923.980	963.100	936.350	4923.990	963.100	936.350	4924.000	963.100	936.350
BT	.000	4924.010	963.100	956.800	4935.000	963.040	956.740	4965.000	962.860	956.560
BT	.000	4965.500	962.860	956.560	4965.510	962.860	956.540	4967.000	962.800	956.500
BT	.000	4968.500	962.840	935.710	4968.510	962.840	956.540	4976.000	962.720	956.420
BT	.000	4977.000	962.790	956.490	4981.000	962.790	956.450	4985.000	962.620	956.320
BT	.000	4989.000	962.680	956.380	4992.000	962.650	956.350	4996.000	962.620	956.320
BT	.000	4999.000	962.590	956.290	5000.000	962.580	956.280	5009.500	962.490	956.190
BT	.000	5009.510	962.490	928.290	5011.000	962.480	928.610	5012.000	962.470	930.810
BT	.000	5012.500	962.460	931.210	5012.510	962.460	956.160	5013.000	962.460	956.160
BT	.000	5023.000	962.370	956.070	5054.970	962.070	955.770	5054.980	962.070	955.770
BT	.000	5054.990	962.070	947.850	5055.000	959.270	939.930	5055.010	959.270	939.930
BT	.000	5062.000	958.420	940.000	5081.000	956.120	940.900	5115.000	956.410	942.520
BT	.000	5195.000	957.080	946.330	5272.000	957.720	950.000	5305.000	958.000	956.350
BT	.000	5324.000	966.010	960.000	5367.000	961.600	961.590	5429.000	963.880	963.870
BT	.000	5471.000	965.430	965.420	5512.000	966.950	966.940	5556.000	968.570	968.560
BT	.000	5595.000	970.020	970.000	.000	.000	.000	.000	.000	.000
GR	960.000	4757.000	956.320	4778.000	950.000	4814.000	949.580	4816.000	943.960	4843.000
GR	940.000	4862.000	938.000	4872.000	937.490	4888.000	936.350	4923.970	936.350	4923.980
GR	936.350	4923.990	936.350	4924.000	956.800	4924.010	931.210	4935.000	935.940	4965.000
GR	935.940	4965.500	935.940	4965.510	935.940	4967.000	935.710	4968.500	935.710	4968.510
GR	934.550	4976.000	934.390	4977.000	930.810	4981.000	927.810	4985.000	924.010	4989.000
GR	924.210	4992.000	925.310	4996.000	926.010	4999.000	926.230	5000.000	928.290	5009.500
GR	928.290	5009.510	928.610	5011.000	930.810	5012.000	931.210	5012.500	931.220	5012.510
GR	931.610	5013.000	937.370	5023.000	955.760	5054.970	955.770	5054.980	939.930	5054.990
GR	939.930	5055.000	939.930	5055.010	940.900	5062.000	940.900	5081.000	942.520	5115.000
GR	946.330	5195.000	950.000	5272.000	956.350	5305.000	960.000	5324.000	961.590	5367.000
GR	963.870	5429.000	965.420	5471.000	966.940	5512.000	968.560	5556.000	970.000	5595.000
NH	6.000	1.200	4862.000	.264	4923.990	.036	5055.000	.180	5115.000	.300
NH	5195.000	1.200	5595.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000

  

AIRPORT RHOODHISS ROAD										
X1	2005.500	55.000	4923.990	5055.000	31.000	31.000	31.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-55.000	4757.000	960.020	960.000	4778.000	970.000	956.320	4814.000	968.110	950.000
BT	.000	4816.000	968.000	949.580	4843.000	966.000	943.960	4862.000	964.430	940.000
BT	.000	4872.000	963.600	938.000	4888.000	962.270	937.490	4923.970	960.300	936.350
BT	.000	4923.980	963.100	936.350	4923.990	963.100	936.350	4924.000	963.100	936.350
BT	.000	4924.010	963.100	956.800	4935.000	963.040	956.740	4965.000	962.860	956.560
BT	.000	4965.500	962.860	956.560	4965.510	962.860	956.540	4967.000	962.800	956.500
BT	.000	4968.500	962.840	935.710	4968.510	962.840	956.540	4976.000	962.720	956.420
BT	.000	4977.000	962.790	956.490	4981.000	962.750	956.450	4985.000	962.620	956.320
BT	.000	4989.000	962.680	956.380	4992.000	962.650	956.350	4996.000	962.620	956.320
BT	.000	4999.000	962.590	956.290	5000.000	962.580	956.280	5009.500	962.490	956.190

BT	.000	5009.510	962.490	928.290	5011.000	962.480	928.610	5012.000	962.470	930.810
BT	.000	5012.500	962.460	931.210	5012.510	962.460	956.160	5013.000	962.460	956.160
BT	.000	5023.000	962.370	956.070	5054.970	962.070	955.770	5054.980	962.070	955.770
BT	.000	5054.990	962.070	947.850	5055.000	959.270	939.930	5055.010	959.270	939.930
BT	.000	5062.000	958.420	940.000	5081.000	956.120	940.900	5115.000	956.410	942.520
BT	.000	5195.000	957.080	946.330	5272.000	957.720	950.000	5305.000	958.000	956.350
BT	.000	5324.000	960.010	960.000	5367.000	961.600	961.590	5429.000	963.880	963.870
BT	.000	5471.000	965.430	965.420	5512.000	966.950	966.940	5556.000	968.570	968.560
BT	.000	5595.000	970.020	970.000	.000	.000	.000	.000	.000	.000
GR	960.000	4757.000	956.320	4778.000	950.000	4814.000	949.580	4816.000	943.960	4843.000
GR	940.000	4862.000	938.000	4872.000	937.490	4888.000	936.350	4923.970	936.350	4923.980
GR	936.350	4923.990	936.350	4924.010	936.800	4924.010	951.210	4935.000	935.940	4965.000
GR	935.940	4965.500	935.940	4965.510	935.940	4967.000	935.710	4968.500	935.710	4968.510
GR	934.550	4976.000	934.390	4977.000	930.810	4981.000	927.810	4985.000	924.010	4989.000
GR	924.210	4992.000	925.310	4996.000	926.010	4999.000	926.230	5000.000	928.290	5009.500
GR	928.290	5009.510	928.610	5011.000	930.810	5012.000	931.210	5012.500	931.220	5012.510
GR	931.610	5013.000	937.370	5023.000	955.760	5054.970	955.770	5054.980	939.930	5054.990
GR	939.930	5055.000	939.930	5055.010	940.000	5062.000	940.900	5081.000	942.520	5115.000
GR	946.330	5195.000	950.000	5272.000	956.350	5305.000	960.000	5324.000	961.590	5367.000
GR	963.870	5429.000	965.420	5471.000	966.940	5512.000	968.560	5556.000	970.000	5595.000
NH	6.000	1.200	4862.000	.264	4923.990	.058	5055.000	.180	5115.000	.300
NH	5195.000	1.200	5595.000	.000	.000	.000	.000	.000	.000	.000
X1	2006.500	55.000	4923.990	5055.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	960.000	956.120	.000
GR	960.010	4757.000	956.330	4778.000	950.010	4814.000	949.590	4816.000	943.970	4843.000
GR	940.010	4862.000	938.010	4872.000	937.500	4888.000	936.360	4923.970	936.360	4923.980
GR	936.360	4923.990	936.360	4924.000	936.360	4924.010	936.010	4935.000	935.950	4965.000
GR	935.950	4965.500	935.950	4965.510	935.950	4967.000	935.720	4968.500	935.720	4968.510
GR	934.560	4976.000	934.400	4977.000	930.820	4981.000	927.820	4985.000	924.020	4989.000
GR	924.220	4992.000	925.320	4996.000	926.020	4999.000	926.240	5000.000	928.300	5009.500
GR	928.300	5009.510	928.620	5011.000	930.820	5012.000	931.220	5012.500	931.230	5012.510
GR	931.620	5013.000	939.610	5023.000	939.940	5054.970	939.940	5054.980	939.940	5054.990
GR	939.940	5055.000	939.940	5055.010	940.010	5062.000	940.910	5081.000	942.530	5115.000
GR	946.340	5195.000	950.010	5272.000	956.360	5305.000	960.010	5324.000	961.600	5367.000
GR	963.880	5429.000	965.430	5471.000	966.950	5512.000	968.570	5556.000	970.010	5595.000
NH	7.000	1.200	4862.000	.300	4924.010	.264	4977.000	.058	5023.000	.180
NH	5115.000	.300	5195.000	1.200	.000	.000	.000	.000	.000	.000
X1	2052.500	55.000	4977.000	5023.000	46.000	46.000	46.000	.000	.000	.000
GR	960.470	4757.000	956.790	4778.000	950.470	4814.000	950.050	4816.000	944.430	4843.000
GR	940.470	4862.000	938.470	4872.000	937.960	4888.000	936.820	4923.970	936.820	4923.980
GR	936.820	4923.990	936.820	4924.000	936.820	4924.010	936.470	4935.000	936.410	4965.000
GR	936.410	4965.500	936.410	4965.510	936.410	4967.000	936.180	4968.500	936.180	4968.510
GR	935.020	4976.000	934.860	4977.000	931.280	4981.000	928.280	4985.000	924.480	4989.000
GR	924.680	4992.000	925.780	4996.000	926.480	4999.000	926.700	5000.000	928.760	5009.500
GR	928.760	5009.510	929.080	5011.000	931.280	5012.000	931.680	5012.500	931.690	5012.510
GR	932.080	5013.000	940.070	5023.000	940.400	5054.970	940.400	5054.980	940.400	5054.990
GR	940.400	5055.000	940.400	5055.010	940.470	5052.000	941.370	5081.000	942.990	5115.000
GR	946.800	5195.000	950.470	5272.000	956.820	5305.000	960.470	5324.000	962.060	5367.000
GR	964.340	5429.000	965.890	5471.000	967.410	5512.000	969.030	5556.000	970.470	5595.000



NH	4.000	.300	4983.500	5016.500	5016.500	.064	5016.500	5016.500	.300	5140.000	1.200	5378.000	.000
OT	6.000	3508.000	5500.000	6477.000	9448.000	.000	9448.000	6447.000	.000	11764.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	7.410	.000	.000	.000	.000	.000

Cross Section E

X1	5635.000	23.000	4983.500	5016.500	1045.000	1045.000	1045.000	1045.000	1045.000	1045.000	1045.000	1045.000	.000
GR	970.000	4953.000	950.160	4958.500	944.600	4983.500	943.790	4984.500	943.420	4984.500	943.420	4990.500	.000
GR	943.360	4994.500	943.220	4997.500	942.760	5007.500	943.740	5014.500	944.260	5014.500	944.260	5016.500	.000
GR	948.000	5036.000	950.000	5053.000	952.000	5087.000	954.000	5123.000	954.810	5140.000	954.810	5140.000	.000
GR	956.000	5165.000	958.000	5197.000	960.000	5232.000	962.000	5251.000	964.000	5271.000	964.000	5271.000	.000
GR	966.000	5311.000	968.000	5353.000	970.000	5378.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	1.200	4928.000	.300	4981.000	.064	5019.000	.300	5117.000	.000	1.200	.000	.000
MH	5189.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	1.410	.000	.000	.000	.000	.000	.000	.000

Cross Section F

X1	6885.000	22.000	4981.000	5019.000	1250.000	1250.000	1250.000	1250.000	1250.000	1250.000	1250.000	1250.000	.000
GR	970.000	4659.000	968.000	4671.000	966.000	4881.000	964.000	4889.000	962.000	4908.000	962.000	4908.000	.000
GR	960.000	4928.000	958.000	4946.000	956.000	4973.000	950.000	4981.000	949.570	4984.500	949.570	4998.000	.000
GR	949.200	4988.500	948.070	4999.500	948.130	5000.000	949.230	5008.500	949.550	5011.500	949.550	5011.500	.000
GR	950.000	5019.000	960.000	5064.000	962.000	5117.000	964.000	5142.000	966.000	5152.000	966.000	5152.000	.000
GR	968.000	5171.000	970.000	5189.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
MC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000	.000	.000
MH	4.000	1.200	4922.000	.300	4922.000	.064	5035.000	.300	5035.000	.000	.000	.000	.000
X1	7107.000	27.000	4922.000	5035.000	222.000	222.000	222.000	222.000	222.000	222.000	222.000	222.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	979.990	4720.000	969.990	4813.000	967.990	4839.000	965.990	4868.000	963.990	4897.000	963.990	4880.000	.000
GR	963.040	4898.000	960.160	4922.000	960.040	4923.000	958.120	4939.000	956.440	4953.000	956.440	4953.000	.000
GR	955.120	4964.000	954.650	4968.000	953.210	4980.000	951.170	4997.000	951.050	4998.000	951.050	5002.000	.000
GR	951.050	4998.010	950.810	4999.980	950.820	5000.000	951.490	5001.990	951.500	5002.000	951.500	5002.000	.000
GR	951.570	5002.200	954.220	5010.000	956.950	5018.000	962.740	5035.000	965.470	5043.000	965.470	5043.000	.000
GR	969.990	5059.000	979.990	5069.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
SB	1.250	1.550	2.600	.000	3.600	.000	16.000	.100	955.000	.000	955.000	.000	.000
NH	4.000	1.200	4922.000	.300	4922.000	.064	5035.000	.300	5035.000	.000	.000	.000	.000

STONE DAM

X1	7112.000	27.000	4922.000	5035.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	.000
X2	.000	.000	1.000	959.020	957.960	.000	.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-27.000	4720.000	980.020	980.000	4813.000	970.020	970.000	966.170	962.750	968.020	968.020	968.020	.000
BT	.000	4868.000	966.020	966.000	4880.000	964.020	964.000	4898.000	963.070	963.050	963.050	963.050	.000
BT	.000	4922.000	960.190	960.170	4923.000	960.340	960.050	4939.000	960.600	958.130	958.130	958.130	.000
BT	.000	4953.000	961.440	956.450	4964.000	960.300	955.130	4968.000	957.960	954.660	954.660	954.660	.000
BT	.000	4980.000	958.690	953.220	4997.000	959.150	959.180	4998.000	959.190	955.000	955.000	955.000	.000
BT	.000	4998.010	959.190	959.000	4999.980	959.270	959.000	5000.000	959.270	959.000	959.000	959.000	.000
BT	.000	5001.990	959.350	959.000	5002.000	959.350	955.000	5002.200	959.360	951.580	951.580	951.580	.000
BT	.000	5010.000	958.720	954.230	5018.000	958.980	956.960	5035.000	962.770	962.750	962.750	962.750	.000



BT	.000	5043.000	965.500	965.480	5059.000	970.020	970.000	5069.000	980.020	980.000
GR	980.000	4720.000	970.000	4813.000	968.000	4839.000	966.000	4868.000	964.000	4880.000
GR	963.050	4898.000	960.170	4922.000	960.050	4923.000	958.130	4939.000	956.450	4953.000
GR	955.130	4964.000	954.660	4968.000	955.220	4980.000	951.180	4997.000	955.000	4998.000
GR	955.000	4998.010	955.000	4999.980	955.000	5000.000	955.000	5001.990	955.000	5002.000
GR	951.580	5002.200	954.230	5010.000	956.960	5018.000	962.750	5035.000	965.480	5043.000
GR	970.000	5059.000	980.000	5069.000	.000	.000	.000	.000	.000	.000
NH	4.000	1.200	4922.000	.300	4922.000	.064	5035.000	.300	5035.000	.000
ET	.000	.000	.000	.000	.000	9.410	.000	.000	.000	.000
X1	7226.000	27.000	4922.000	5035.000	114.000	114.000	114.000	.000	.000	.000
GR	980.340	4720.000	970.340	4813.000	968.340	4839.000	966.340	4868.000	964.340	4880.000
GR	963.390	4898.000	960.510	4922.000	960.390	4923.000	958.470	4939.000	956.790	4953.000
GR	955.470	4964.000	955.000	4968.000	955.560	4980.000	951.520	4997.000	951.400	4998.000
GR	951.400	4998.010	951.160	4999.980	951.170	5000.000	951.840	5001.990	951.850	5002.000
GR	951.920	5002.200	954.570	5010.000	957.300	5018.000	963.090	5035.000	965.820	5043.000
GR	970.340	5059.000	980.340	5069.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	5.000	1.200	4948.000	.300	4984.000	.064	5016.000	.300	5120.000	1.200
NH	5169.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4960.000	5078.000

Cross Section G

X1	7940.000	22.000	4981.000	5016.000	714.000	714.000	714.000	4974.000	959.150	959.150
GR	980.000	4924.000	970.000	4948.000	964.000	4994.000	960.000	4974.000	953.300	5003.000
GR	955.030	4984.000	955.950	4987.000	954.100	4994.000	953.570	5000.000	958.910	5051.000
GR	954.030	5014.000	955.980	5016.000	960.670	5026.000	960.000	5033.000	970.000	5131.000
GR	962.000	5052.000	964.000	5092.000	966.000	5102.000	968.000	5120.000	970.000	5131.000
GR	972.000	5150.000	974.000	5169.000	.000	.000	.000	.000	.000	.000
NH	6.000	1.200	4900.500	.240	4943.000	.120	4973.000	.064	5027.000	.300
NH	5099.500	1.200	5343.500	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4939.000	5057.000
X1	8425.700	62.000	4973.000	5027.000	485.750	485.750	485.750	4846.500	980.320	4900.500
GR	989.820	4701.500	987.820	4743.500	984.660	4809.500	982.900	4925.510	972.490	4934.450
GR	979.820	4911.000	975.290	4925.490	975.290	4925.500	975.290	4952.450	967.780	4952.460
GR	972.490	4934.460	969.820	4943.000	967.880	4952.000	967.790	4952.450	967.780	4952.460
GR	967.550	4953.550	967.550	4953.560	964.130	4969.450	964.130	4969.460	964.010	4970.000
GR	963.840	4970.550	963.840	4970.560	963.110	4973.000	958.310	4983.000	957.070	4991.000
GR	953.810	4996.000	953.700	5002.000	953.770	5007.000	954.010	5009.450	954.010	5009.460
GR	954.060	5010.000	955.230	5010.550	955.250	5010.560	958.310	5012.000	965.210	5027.000
GR	966.250	5048.450	966.250	5048.460	966.280	5049.000	966.230	5049.550	966.230	5049.560
GR	964.830	5065.450	964.830	5065.460	964.780	5066.000	964.820	5066.550	964.820	5066.560
GR	964.840	5067.000	965.290	5073.990	969.820	5074.000	969.900	5074.990	969.910	5074.500
GR	969.910	5074.510	971.640	5084.540	971.640	5084.550	974.220	5099.500	979.820	5132.000
GR	980.840	5153.500	982.960	5198.500	984.150	5223.500	985.190	5245.500	985.900	5260.500
GR	987.550	5295.500	989.820	5343.500	.000	.000	.000	.000	.000	.000









THIS RUN EXECUTED 01-03-89 21:01:05

\*\*\*\*\*  
 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

Drowning Creek

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
380.000	938.48	-1.52	939.39	185.59	11.44	6873.38	258.18	.00	.00	4958.00	5042.00	.00
380.000	938.48	.00	939.50	84.00	.00	7143.00	.00	.05	4958.00	4958.00	5042.00	5042.00
391.000	938.37	.00	939.62	71.00	.00	7143.00	.00	.00	.00	4965.00	5036.00	.00
391.000	938.43	.06	939.66	71.00	.00	7143.00	.00	.00	4965.00	4965.00	5036.00	5036.00
392.000	938.36	.00	939.63	70.55	.00	7143.00	.00	.00	.00	4965.00	5036.00	.00
392.000	938.40	.03	939.71	69.44	.00	7143.00	.00	.00	4965.00	4965.00	5036.00	5036.00
408.000	938.42	.00	939.67	70.55	.00	7143.00	.00	.00	.00	4965.00	5036.00	.00
408.000	938.47	.05	939.77	69.46	.00	7143.00	.00	.00	4965.00	4965.00	5036.00	5036.00
409.000	938.46	.00	939.69	71.00	.00	7143.00	.00	.00	.00	4965.00	5036.00	.00
409.000	938.61	.15	939.80	71.00	.00	7143.00	.00	.00	4965.00	4965.00	5036.00	5036.00
493.000	939.36	.00	940.18	191.64	18.26	6839.20	285.54	.00	.00	4958.00	5042.00	.00
493.000	939.34	-.03	940.28	84.00	.00	7143.00	.00	.05	4958.00	4958.00	5042.00	5042.00
1135.000	941.38	.00	941.87	325.16	609.88	6263.29	269.83	.00	.00	4958.00	5038.00	.00
1135.000	941.58	.20	942.26	86.95	61.81	7081.19	.00	.13	4951.05	4958.00	5038.00	5038.00
1789.500	942.79	.00	944.08	265.50	905.02	6048.10	189.88	.00	.00	4977.00	5023.00	.00
1789.500	943.30	.50	944.89	87.83	485.11	6657.89	.00	.12	4935.17	4977.00	5023.00	5023.00
1973.500	944.51	.00	944.97	131.02	.00	7143.00	.00	.00	.00	4923.99	5055.00	.00
1973.500	945.43	.92	945.81	131.01	.00	7143.00	.00	.00	4923.99	4923.99	5055.00	5055.00
1974.500	944.19	.00	945.30	86.09	.00	7143.00	.00	.00	.00	4923.99	5055.00	.00
1974.500	945.15	.97	946.08	89.67	.00	7143.00	.00	.00	4923.99	4923.99	5055.00	5055.00
2005.500	944.29	.00	945.38	86.47	.00	7143.00	.00	.00	.00	4923.99	5055.00	.00
2005.500	945.23	.94	946.15	89.92	.00	7143.00	.00	.00	4923.99	4923.99	5055.00	5055.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
2006.500	945.19	.00	945.59	131.02	.00	7143.00	.00	.00	.00	4923.99	5055.00	.00
2006.500	945.97	.79	946.32	131.01	.00	7143.00	.00	.00	4923.99	4923.99	5055.00	5055.00
2052.500	945.12	.00	945.88	319.92	1090.83	5598.76	453.41	.00	.00	4977.00	5023.00	.00
2052.500	945.76	.64	946.73	122.95	766.60	6248.61	127.78	.13	4918.03	4977.00	5023.00	5040.98
2710.000	947.11	.00	947.62	400.85	1651.80	5132.23	358.97	.00	.00	4975.50	5024.50	.00
2710.000	947.95	.84	948.58	178.53	1440.35	5702.65	.00	.12	4845.98	4975.50	5024.50	5024.50
3520.000	949.13	.00	949.66	634.57	1637.03	4902.73	603.24	.00	.00	4975.50	5024.50	.00
3520.000	950.02	.89	950.70	192.06	1454.79	5497.89	190.32	.14	4847.95	4975.50	5024.50	5040.02
4090.000	950.80	.00	951.81	207.55	1173.99	5377.50	591.51	.00	.00	4980.50	5019.50	.00
4090.000	951.68	.88	952.92	98.59	942.46	5987.33	213.21	.12	4933.45	4980.50	5019.50	5032.03
4590.000	953.16	.00	954.23	246.75	652.09	5446.90	1044.01	.00	.00	4977.00	5020.00	.00
4590.000	954.07	.91	955.40	108.54	255.85	6139.43	747.72	.13	4963.15	4977.00	5020.00	5071.69
5635.000	958.38	.00	959.44	247.38	456.33	4760.00	1260.66	.00	.00	4983.50	5016.50	.00
5635.000	959.35	.97	960.51	121.54	191.84	5105.88	1149.28	.09	4971.16	4983.50	5016.50	5092.70
6885.000	964.05	.00	965.18	253.36	456.57	5330.04	690.39	.00	.00	4981.00	5019.00	.00
6885.000	964.64	.59	965.69	159.11	437.62	5324.69	684.68	.01	4933.03	4981.00	5019.00	5092.15
7107.000	965.65	.00	966.18	173.66	21.98	6450.58	4.44	.00	.00	4922.00	5035.00	.00
7107.000	966.11	.46	966.59	113.00	.00	6447.00	.00	.00	4922.00	4922.00	5035.00	5035.00
7112.000	966.78	.00	967.22	191.01	32.52	6434.26	10.22	.00	.00	4922.00	5035.00	.00
7112.000	967.77	.98	968.14	113.00	.00	6447.00	.00	.00	4922.00	4922.00	5035.00	5035.00
7226.000	967.06	.00	967.48	189.78	30.13	6437.58	9.29	.00	.00	4922.00	5035.00	.00
7226.000	967.99	.93	968.35	113.00	.00	6447.00	.00	.01	4922.00	4922.00	5035.00	5035.00
7940.000	968.81	.00	970.28	175.25	373.44	5177.45	926.11	.00	.00	4984.00	5016.00	.00
7940.000	969.35	.55	970.84	118.00	316.10	5314.34	816.56	118.00	4960.00	4984.00	5016.00	5078.00
8425.700	971.88	.00	972.72	149.47	391.85	5780.17	304.98	.00	.00	4973.00	5027.00	.00
8425.700	972.29	.42	973.11	118.00	424.55	5836.93	185.52	118.00	4939.00	4973.00	5027.00	5057.00
8641.700	973.17	.00	973.51	150.10	.00	6477.00	.00	.00	.00	4934.45	5084.55	.00
8641.700	973.53	.36	973.84	150.10	.00	6447.00	.00	.00	4934.45	4934.45	5084.55	5084.55
8642.700	973.14	.00	973.54	136.46	.00	6477.00	.00	.00	.00	4934.45	5084.55	.00
8642.700	973.50	.36	973.87	136.54	.00	6447.00	.00	.00	4934.45	4934.45	5084.55	5084.55
8667.200	973.17	.00	973.56	136.50	.00	6477.00	.00	.00	.00	4934.45	5084.55	.00
8667.200	973.52	.35	973.89	136.59	.00	6447.00	.00	.00	4934.45	4934.45	5084.55	5084.55
8668.200	973.25	.00	973.59	150.10	.00	6477.00	.00	.00	.00	4934.45	5084.55	.00
8668.200	973.61	.35	973.91	150.10	.00	6447.00	.00	.00	4934.45	4934.45	5084.55	5084.55

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
8722.200	973.21	.00	973.91	157.98	450.18	5682.19	344.63	.00	.00	4973.00	5027.00	.00
8722.200	973.52	.31	974.27	100.00	440.29	5879.86	126.84	100.00	4947.00	4973.00	5027.00	5047.00
8980.000	974.01	.00	974.46	208.57	1037.86	5041.00	398.14	.00	.00	4977.00	5023.00	.00
8980.000	974.48	.47	974.96	123.00	1253.83	5193.17	.00	123.00	4900.00	4977.00	5023.00	5023.00



FLOODWAY DATA, Drowning Creek  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
380.000	84.	880.	8.1	938.5	938.5	.0
391.000	71.	802.	8.9	938.5	938.4	-.1
392.000	71.	776.	9.2	938.4	938.4	.0
408.000	71.	782.	9.1	938.5	938.4	-.1
409.000	71.	814.	8.8	938.7	938.5	.2
493.000	84.	918.	7.8	939.4	939.4	.0
1135.000	87.	1130.	6.3	941.6	941.4	.2
1789.500	88.	939.	7.6	943.3	942.8	.5
1973.500	131.	1433.	5.0	945.4	944.5	.9
1974.500	131.	923.	7.7	945.2	944.2	1.0
2005.500	131.	929.	7.7	945.2	944.3	.9
2006.500	131.	1504.	4.7	946.0	945.2	.8
2052.500	123.	1392.	5.1	945.7	945.1	.6
2710.000	179.	2073.	3.4	947.9	947.1	.8
3520.000	192.	2060.	3.5	950.0	949.1	.9
4090.000	99.	1305.	5.5	951.7	950.8	.9
4590.000	109.	1272.	5.6	954.1	953.2	.9
5635.000	122.	1453.	4.4	959.4	958.4	1.0
6885.000	159.	1515.	4.3	964.6	964.0	.6
7107.000	113.	1156.	5.6	966.2	965.7	.5
7112.000	113.	1324.	4.9	967.8	966.8	1.0
7226.000	118.	1327.	4.9	968.0	967.1	.9
7940.000	118.	1250.	5.2	969.3	968.8	.5
8425.700	118.	1140.	5.7	972.3	971.9	.4
8641.700	150.	1440.	4.5	973.6	973.2	.4
8642.700	150.	1316.	4.9	973.5	973.1	.4
8667.200	150.	1318.	4.9	973.6	973.2	.4
8668.200	150.	1451.	4.4	973.7	973.3	.4
8722.200	100.	1141.	5.6	973.5	973.2	.3
8980.000	123.	1537.	4.2	974.5	974.0	.5