

BEAVERDAM

CREEK

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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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C										
T1 Hayes, Seay, Mattern & Mattern						Sampson Co. NC FIS				
T2 Filename:BD.HEC Eng:SKE ET:CB/TFH						Comm. No. 2353E				
T3 Beaverdam Creek Date: 12/15/88						10-Year Event				
J1	ICHECK	INO	NINW	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.001380	.00	.0	0.	170.000	.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECK	FN	ALLOC	ISW	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	.075	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.000	4635.000	.350	4820.000	.215	4972.000	.072	5028.000	.210
NH	5135.000	.350	5473.000	1.000	6627.000	.000	.000	.000	.000	.000
QT	5.000	800.000	1571.000	2015.000	3589.000	2015.000	.000	.000	.000	.000
X1	5718.900	78.000	4972.000	5028.000	5718.950	5718.950	5718.950	.000	.000	.000
GR	157.570	4149.000	157.240	4166.600	156.170	4224.600	155.570	4257.000	153.570	4277.000
GR	151.570	4287.000	149.570	4315.000	148.000	4489.600	147.570	4537.000	145.570	4547.000
GR	143.570	4565.000	142.570	4635.000	141.570	4705.000	139.570	4745.000	139.070	4820.000
GR	138.340	4930.600	138.340	4931.000	137.570	4948.000	137.910	4958.770	137.910	4958.780
GR	137.910	4958.790	137.910	4958.800	137.910	4958.810	138.330	4972.000	137.440	4973.000
GR	136.020	4976.200	136.020	4976.210	135.800	4976.700	135.620	4977.100	135.570	4977.200
GR	135.560	4977.210	129.860	4988.600	128.620	4992.800	128.620	4992.810	128.360	4993.700
GR	128.360	4993.800	128.360	4993.810	128.220	5000.000	128.160	5002.500	125.390	5009.700
GR	125.380	5009.710	125.040	5010.600	125.120	5010.700	125.130	5010.710	131.360	5018.500
GR	136.820	5025.800	136.820	5025.810	137.490	5026.700	137.540	5026.800	137.550	5026.810
GR	138.200	5028.000	138.220	5028.070	138.220	5028.080	138.230	5028.090	138.230	5028.100
GR	138.230	5028.110	138.440	5028.800	138.290	5057.600	137.880	5135.000	137.570	5194.000
GR	137.780	5207.600	139.570	5324.000	140.360	5369.600	141.570	5439.000	142.140	5473.000
GR	142.610	5501.600	143.570	5559.000	144.340	5591.600	145.570	5644.000	147.570	5860.000
GR	147.570	5948.000	147.570	5986.000	149.570	6034.000	151.570	6069.000	153.570	6095.000
GR	155.570	6197.000	156.890	6480.600	157.570	6627.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	1.000	4635.000	.350	4820.000	.215	4958.790	.072	5028.100	.210
NH	5135.000	.350	5473.000	1.000	6627.000	.000	.000	.000	.000	.000

GR	158.000	4149.000	157.670	4166.600	156.600	4224.600	156.000	4257.000	154.000	4277.000
GR	152.000	4287.000	150.000	4315.000	148.430	4489.600	148.000	4537.000	146.000	4547.000
GR	144.000	4565.000	143.000	4635.000	142.000	4705.000	140.000	4745.000	139.500	4820.000
GR	138.770	4930.600	138.770	4931.000	138.000	4948.000	138.340	4958.770	138.340	4958.780
GR	138.340	4958.790	138.340	4958.800	138.340	4958.810	138.760	4972.000	137.870	4973.000
GR	136.450	4976.200	136.450	4976.210	136.230	4976.700	136.050	4977.100	136.000	4977.200
GR	135.990	4977.210	135.290	4989.600	129.050	4992.810	129.050	4992.810	128.790	4993.700
GR	128.790	4993.800	128.790	4993.810	128.650	5000.000	128.590	5002.500	125.820	5009.700
GR	125.810	5009.710	125.470	5010.600	125.550	5010.700	125.560	5010.710	125.820	5018.500
GR	137.250	5025.800	137.250	5025.810	137.920	5026.700	137.970	5026.800	137.960	5026.810
GR	138.630	5028.000	138.630	5028.070	138.650	5028.080	138.660	5028.090	138.660	5028.100
GR	138.660	5028.110	138.870	5028.800	138.310	5057.600	138.310	5135.000	138.000	5194.000
GR	138.210	5207.600	140.000	5324.000	140.790	5369.600	142.000	5439.000	142.570	5473.000
GR	143.040	5501.600	144.000	5559.000	144.770	5591.600	146.000	5644.000	148.000	5860.000
GR	148.000	5948.000	148.000	5986.000	150.000	6034.000	152.000	6069.000	154.000	6095.000
GR	156.000	6197.000	157.320	6480.600	158.000	6627.000	152.000	6659.000	154.000	6095.000
NH	7.000	1.000	4635.000	.350	4820.000	.215	4958.790	.048	5028.100	.210
NH	5135.000	.350	5473.000	1.000	6627.000	.000	1.000	.000	.000	.000
X1	6759.900	78.000	4958.790	5028.100	1.000	1.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-78.000	4149.000	158.000	157.910	157.680	157.580	157.580	4224.600	156.610	156.510
BT	.000	4257.000	156.010	155.910	154.010	153.910	153.910	4287.000	152.010	151.910
BT	.000	4315.000	150.010	149.910	148.990	148.340	148.010	4537.000	147.910	147.910
BT	.000	4547.000	146.010	145.910	144.010	143.910	143.910	4635.000	143.790	142.910
BT	.000	4705.000	143.690	141.910	143.630	139.910	148.200	4820.000	143.520	139.410
BT	.000	4930.600	143.360	138.680	143.360	138.680	143.290	4948.000	143.290	137.910
BT	.000	4958.800	143.240	138.250	145.940	145.940	145.940	4958.790	145.940	138.250
BT	.000	4958.800	145.940	138.250	145.940	141.650	145.910	4972.000	145.910	141.620
BT	.000	4975.000	145.910	141.620	145.900	145.900	145.900	4976.210	145.900	136.360
BT	.000	4976.700	145.900	136.140	145.900	135.960	145.960	4977.200	145.900	135.910
BT	.000	4977.210	145.900	141.610	145.930	141.640	145.930	4992.800	145.930	141.640
BT	.010	4993.810	145.930	128.960	145.940	128.700	145.940	4993.800	145.940	128.700
BT	.000	4993.810	145.940	141.650	145.950	141.660	145.960	5002.500	145.960	141.670
BT	.000	5009.700	145.970	141.680	145.970	125.720	145.970	5010.600	145.970	125.380
BT	.000	5010.700	145.970	125.460	145.970	141.680	145.990	5018.500	145.990	141.700
BT	.000	5025.800	146.010	141.720	146.010	137.160	146.010	5026.700	146.010	137.830
BT	.000	5028.070	146.010	137.880	146.010	141.720	146.010	5028.090	146.010	141.720
BT	.000	5028.100	143.310	138.570	143.310	138.570	143.310	5028.800	143.310	138.780
BT	.000	5057.600	143.310	138.570	143.310	138.220	143.310	5194.000	143.310	137.910
BT	.000	5207.600	144.000	138.630	144.000	139.910	146.000	5369.600	146.000	140.790
BT	.000	5439.000	147.030	141.910	147.030	142.480	148.000	5501.600	148.000	142.950
BT	.000	5559.000	149.280	143.910	150.000	144.680	150.440	5644.000	150.440	145.910
BT	.000	5860.000	152.260	147.910	153.010	147.910	153.330	5986.000	153.330	147.910
BT	.000	6034.000	153.750	149.910	151.910	151.910	151.910	6095.000	151.910	153.910
BT	.000	6197.000	156.010	155.910	157.230	157.230	158.000	6627.000	158.000	157.910
GR	157.910	4149.000	157.580	4166.600	156.510	4224.600	155.910	4257.000	153.910	4277.000
GR	151.910	4287.000	149.910	4315.000	148.340	4489.600	147.910	4537.000	145.910	4547.000
GR	143.910	4565.000	142.910	4635.000	141.910	4745.000	139.910	4745.000	139.410	4820.000
GR	138.680	4930.600	138.680	4931.000	137.910	4948.000	138.250	4958.770	138.250	4958.780
GR	138.350	4958.790	138.350	4958.800	138.670	4958.810	138.670	4972.000	137.780	4973.000

GR	136.360	4976.200	136.360	4976.700	135.960	4977.100	135.910	4977.200
GR	135.900	4977.210	128.960	4988.600	128.960	4992.810	128.700	4993.700
GR	128.700	4993.800	128.700	4993.810	128.500	5002.500	125.730	5009.700
GR	125.720	5009.710	125.380	5010.600	125.470	5010.710	131.700	5018.500
GR	137.160	5025.800	137.160	5025.810	137.880	5026.800	137.890	5026.810
GR	138.540	5028.000	138.560	5028.070	138.570	5028.090	138.570	5028.100
GR	138.570	5028.110	138.780	5028.800	138.630	5057.600	137.910	5194.080
GR	138.120	5207.600	139.910	5324.000	140.700	5369.600	142.480	5473.000
GR	142.950	5501.600	143.910	5559.000	144.680	5591.600	147.910	5860.000
GR	147.910	5948.000	147.910	5986.000	149.910	6034.000	153.910	6095.000
GR	155.910	6197.000	157.230	6480.600	157.910	6627.000	.000	.000
MH	7.000	1.000	4635.000	.350	4820.000	.215	4958.790	.210
MH	5135.000	.350	5473.000	1.000	6627.000	.000	.000	.000

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 ===== HEC-2 input file created with CodeH2 =====  
 =====  
 ===== Version: 3.47 =====  
 ===== CodeH2 Copyrighted 1986, 1987, 1988 =====  
 ===== Run Date: Monday, December 19, 1988 =====  
 ===== Run Time: 12:00:41 =====  
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SR 1800 Bridge

X1	6785.200	78.000	4958.790	5028.100	25.300	25.300	25.300	.000	143.310	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	143.310	.000
BT	-78.000	4149.000	158.000	157.910	4166.600	157.680	157.680	156.610	156.610	156.510
BT	.000	4257.000	156.010	155.910	4277.000	154.010	154.010	152.010	152.010	151.910
BT	.000	4315.000	150.010	149.910	4489.600	148.440	148.440	148.010	148.010	147.910
BT	.000	4547.000	146.010	145.910	4565.000	144.010	144.010	143.790	143.790	142.910
BT	.000	4705.000	143.690	141.910	4745.000	143.630	143.630	139.910	143.520	139.410
BT	.000	4930.600	143.360	138.680	4931.000	143.360	143.360	138.680	143.290	137.910
BT	.000	4958.770	143.240	138.250	4958.780	145.940	145.940	145.940	145.940	138.250
BT	.000	4973.000	145.910	138.250	4958.810	145.900	145.900	141.610	145.910	141.620
BT	.000	4976.700	145.900	136.140	4976.200	145.900	145.900	145.900	145.900	136.360
BT	.000	4977.210	145.900	136.140	4977.100	145.900	145.900	145.900	145.900	135.910
BT	.000	4992.810	145.930	141.610	4988.600	145.930	145.930	141.640	145.930	141.640
BT	.000	4993.810	145.930	128.960	4993.700	145.940	145.940	145.940	145.940	128.700
BT	.000	5009.700	145.970	141.650	5000.000	145.950	145.950	141.670	145.960	141.670
BT	.000	5010.700	145.970	125.460	5010.710	145.970	145.970	141.700	145.990	141.700
BT	.000	5025.800	146.010	141.720	5025.810	146.010	146.010	146.010	146.010	137.830
BT	.000	5026.800	146.010	137.880	5026.810	146.010	146.010	146.010	146.010	141.720
BT	.000	5028.070	146.010	141.720	5028.080	146.010	146.010	146.010	146.010	140.140
BT	.000	5028.100	143.310	138.570	5028.110	143.310	143.310	138.570	5028.800	138.780
BT	.000	5057.600	143.370	138.630	5057.600	143.370	143.370	138.220	5194.000	137.910
BT	.000	5207.600	144.000	138.120	5324.000	145.440	145.440	146.000	5369.600	140.700
BT	.000	5439.000	147.050	141.910	5473.000	147.570	147.570	148.000	5501.600	142.950
BT	.000	5559.000	149.280	143.910	5591.600	150.000	150.000	150.440	5644.000	145.910
BT	.000	5860.000	152.260	147.910	5948.000	153.010	153.010	153.330	5986.000	147.910
BT	.000	6034.000	153.730	149.910	6069.000	154.030	154.030	154.250	6095.000	153.910
BT	.000	6197.000	156.010	155.910	6480.600	157.500	157.500	158.000	6627.000	157.910
GR	157.910	4149.000	157.580	4166.600	156.510	4224.600	155.910	4257.000	4277.000	4277.000



MC	.000	.000	.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	484.250	.185	.000	.000	4971.750	.065	5028.250	.000	.190	.000	.000
NH	5183.000	.350	6475.110	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	8039.000	93.000	714.000	714.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	163.010	.000	.000	.000	.000
GR	182.190	4091.000	172.190	4330.000	4231.000	177.190	160.150	4362.110	157.190	4370.000	4370.000	4370.000	4370.000
GR	155.190	4385.000	151.190	4400.000	4395.000	153.190	149.190	4410.000	147.190	4432.000	4432.000	4432.000	4432.000
GR	145.190	4434.000	141.190	4535.000	4493.000	146.190	139.190	4557.000	137.190	4582.000	4582.000	4582.000	4582.000
GR	136.940	4665.000	134.850	4841.240	4782.000	136.590	134.850	4841.250	132.750	4848.240	4848.240	4848.240	4848.240
GR	132.750	4868.250	132.750	4869.000	4869.000	132.750	132.750	4870.500	132.750	4871.240	4871.240	4871.240	4871.240
GR	132.750	4871.250	132.750	4872.750	4872.000	132.750	132.750	4873.500	132.750	4874.240	4874.240	4874.240	4874.240
GR	132.750	4874.250	134.900	4883.250	4883.250	134.900	134.870	4896.250	134.810	4916.250	4916.250	4916.250	4916.250
GR	134.520	4936.250	133.550	4956.250	4956.250	133.550	131.370	4976.750	132.410	4980.000	4980.000	4980.000	4980.000
GR	132.410	4980.010	132.490	4984.240	4980.250	132.490	132.490	4984.250	131.900	4988.490	4988.490	4988.490	4988.490
GR	131.900	4988.500	131.860	4989.200	4988.850	131.850	131.860	4989.210	132.010	4993.440	4993.440	4993.440	4993.440
GR	132.010	4993.450	130.500	4997.690	4997.690	130.500	130.370	4998.050	130.500	4998.400	4998.400	4998.400	4998.400
GR	130.500	4998.410	132.010	5002.650	5002.650	132.010	132.040	5006.890	132.040	5006.900	5006.900	5006.900	5006.900
GR	134.320	5028.250	136.070	5375.250	5183.000	135.100	134.990	5382.240	134.990	5382.250	5382.250	5382.250	5382.250
GR	135.200	5383.000	135.410	5383.740	5383.740	135.410	135.200	5384.500	134.990	5385.240	5385.240	5385.240	5385.240
GR	134.990	5385.250	135.260	5386.250	5386.000	135.260	135.260	5386.750	135.120	5387.500	5387.500	5387.500	5387.500
GR	134.990	5388.240	134.990	5388.250	5388.250	134.990	135.500	5413.240	135.500	5413.250	5413.250	5413.250	5413.250
GR	141.190	5467.000	141.720	5483.000	5483.000	141.720	145.190	5597.000	147.190	5652.000	5652.000	5652.000	5652.000
GR	149.190	5710.000	151.190	5785.000	5785.000	151.190	155.190	5875.000	157.190	5930.000	5930.000	5930.000	5930.000
GR	167.190	6105.000	172.190	6315.000	6315.000	172.190	.000	6475.110	.000	.000	.000	.000	.000

SB	1.250	2.820	20.000	1.000	.000	.000	201.900	.000	136.000	.000	130.360	.000	.000
NH	7.000	1.000	484.250	.185	.000	.000	4971.750	.065	5028.250	.000	.190	.000	.000
NH	5183.000	.350	6475.110	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

1-40

X1	8260.000	93.000	4971.750	5028.250	221.000	221.000	221.000	.000	.000	.000	.000	.000	.000
X2	.000	.000	1.000	146.620	163.010	.000	.000	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	163.010	.000	.000	.000	.000
BT	.000	4091.000	185.000	183.360	4231.000	180.000	178.360	4330.000	175.000	4330.000	175.000	173.360	.000
BT	.000	4362.110	185.000	161.320	4370.000	184.670	158.360	4385.000	184.050	4385.000	184.050	156.360	.000
BT	.000	4395.000	183.630	154.360	4400.000	183.430	152.360	4410.000	183.010	4410.000	183.010	150.360	.000
BT	.000	4432.000	182.100	148.360	4454.000	181.180	146.360	4493.000	179.560	4493.000	179.560	147.360	.000
BT	.000	4535.000	177.820	142.360	4557.000	176.910	140.360	4582.000	175.870	4582.000	175.870	138.360	.000
BT	.000	4665.000	172.420	138.110	4782.000	167.560	137.760	4841.240	165.100	4841.240	165.100	136.020	.000
BT	.000	4841.250	165.100	136.020	4868.240	165.000	133.920	4868.250	165.000	4868.250	165.000	139.740	.000
BT	.000	4869.000	165.000	141.720	4869.750	165.000	142.340	4870.500	164.990	4870.500	164.990	142.640	.000
BT	.000	4871.240	164.990	142.740	4871.250	164.990	142.740	4872.000	164.990	4872.000	164.990	142.640	.000
BT	.000	4872.750	164.980	142.340	4873.500	164.980	141.720	4874.240	164.980	4874.240	164.980	139.770	.000
BT	.000	4874.250	164.980	139.740	4883.250	164.950	136.070	4889.250	164.920	4889.250	164.920	136.440	.000
BT	.000	4896.250	164.900	136.040	4916.250	164.830	135.980	4936.250	164.750	4936.250	164.750	135.690	.000
BT	.000	4956.250	164.680	134.720	4971.750	164.620	134.210	4976.750	164.600	4976.750	164.600	132.540	.000
BT	.000	4980.000	164.590	136.480	4980.010	164.590	142.180	4980.250	164.590	4980.250	164.590	142.180	.000
BT	.000	4984.240	164.580	142.180	4984.250	164.580	142.180	4988.490	164.560	4988.490	164.560	142.180	.000
BT	.000	4988.500	164.560	136.480	4988.850	164.560	133.020	4989.200	164.560	4989.200	164.560	136.000	.000
BT	.000	4989.210	164.560	141.700	4993.440	164.540	141.700	4993.450	164.540	4993.450	164.540	141.700	.000
BT	.000	4997.690	164.30	141.700	4997.700	164.530	136.000	4998.050	154.530	4998.050	154.530	131.540	.000
BT	.000	4998.400	164.530	136.000	4998.410	164.530	141.700	5002.650	164.510	5002.650	164.510	141.700	.000

BT	.000	5006.650	141.700	5006.890	164.490	141.700	5006.900	164.490	136.000
BT	.000	5028.250	135.490	5183.000	163.850	136.270	5375.250	163.150	137.240
BT	.000	5382.240	136.160	5382.250	163.120	141.980	5383.000	163.120	143.960
BT	.000	5383.740	163.120	5383.750	163.120	144.580	5384.500	163.120	144.880
BT	.000	5385.240	163.110	5385.250	163.110	144.980	5386.000	163.110	144.880
BT	.000	5386.250	163.110	5386.750	163.110	144.580	5387.500	163.100	143.960
BT	.000	5388.240	163.100	5388.250	163.100	141.980	5394.250	163.080	137.460
BT	.000	5413.240	136.670	5413.250	163.010	136.670	5467.000	163.620	142.360
BT	.000	5483.000	142.890	5527.000	164.290	144.360	5597.000	165.080	146.360
BT	.000	5652.000	148.360	5710.000	166.360	150.360	5785.000	167.210	152.360
BT	.000	5635.000	167.770	5875.000	168.220	156.360	5930.000	168.840	158.360
BT	.000	6105.000	170.820	6315.000	175.010	173.360	6475.110	175.000	173.360
GR	183.360	4091.000	4231.000	173.360	4330.000	161.320	4362.110	158.360	4370.000
GR	156.360	4385.000	154.36	4395.000	4400.000	150.360	4410.000	148.360	4432.000
GR	146.360	4454.000	147.360	4493.000	4535.000	140.360	4557.000	138.360	4582.000
GR	138.110	4665.000	137.760	4782.000	136.020	136.020	4841.250	133.920	4868.240
GR	139.740	4868.250	137.760	4869.000	137.140	136.840	4870.500	136.740	4871.240
GR	136.740	4871.250	136.840	4872.000	137.140	137.760	4873.500	139.710	4874.240
GR	135.690	4936.250	134.720	4956.250	134.210	132.540	4896.250	135.980	4916.250
GR	136.480	4980.010	136.480	4980.250	136.480	136.480	4984.250	136.480	4980.000
GR	136.480	4988.500	133.020	4988.850	136.000	136.000	4989.210	136.000	4988.490
GR	136.000	4993.450	136.000	4997.690	136.000	131.540	4998.050	136.000	4998.440
GR	136.000	4998.410	136.000	5002.650	136.000	136.000	5006.890	136.000	5006.900
GR	135.690	5028.250	136.270	5183.000	137.240	136.160	5382.240	141.980	5382.250
GR	140.000	5383.000	139.390	5383.740	139.380	139.080	5384.500	138.980	5385.240
GR	136.980	5385.250	139.080	5386.000	139.180	139.380	5386.750	140.000	5387.500
GR	141.950	5388.240	141.980	5388.250	137.660	136.670	5413.240	136.670	5413.250
GR	142.360	5467.000	142.890	5483.000	144.360	146.360	5597.000	148.360	5652.000
GR	150.360	5710.000	152.360	5785.000	154.360	156.360	5875.000	158.360	5930.000
GR	168.360	6105.000	173.360	6315.000	173.360	173.360	6475.110	173.360	6475.110
NH	7.000	1.000	665.000	350	484.250	4971.750	5006.890	5028.250	.190
NH	5183.000	.350	5483.000	1.000	6475.110	.000	.000	.000	.000
X1	8711.000	93.000	4971.750	5028.250	451.000	451.000	.000	.000	.000
GR	188.220	4091.000	183.220	4231.000	178.220	166.180	4362.110	163.220	4370.000
GR	161.220	4385.000	159.220	4395.000	157.220	155.220	4410.000	153.220	4432.000
GR	151.220	4454.000	152.220	4493.000	147.220	145.220	4557.000	143.220	4582.000
GR	142.970	4665.000	142.620	4782.000	140.880	140.880	4841.250	138.780	4868.240
GR	138.780	4868.250	138.780	4869.000	138.780	138.780	4870.500	138.780	4871.240
GR	138.780	4871.250	138.780	4872.000	138.780	138.780	4873.500	138.780	4874.240
GR	140.550	4936.250	139.580	4956.250	141.300	140.900	4896.250	140.840	4916.250
GR	138.440	4980.010	138.520	4980.250	138.520	138.520	4984.250	137.930	4988.490
GR	137.930	4988.500	137.890	4988.850	137.890	137.890	4989.210	138.040	4993.440
GR	136.040	4993.450	136.530	4997.690	136.520	136.400	4998.050	136.530	4998.400
GR	140.350	5028.250	141.130	5183.000	138.070	138.070	5006.890	138.070	5006.900
GR	141.230	5383.000	141.440	5383.740	141.440	141.230	5384.500	141.020	5385.240
GR	141.020	5385.250	141.290	5386.000	141.380	141.290	5386.750	141.150	5387.500
GR	141.020	5388.240	141.020	5388.250	142.320	141.530	5413.240	141.530	5413.250
GR	147.220	5467.000	147.750	5483.000	149.220	151.220	5597.000	153.220	5652.000
GR	155.220	5710.000	157.220	5785.000	159.220	161.220	5875.000	163.220	5930.000
GR	173.220	6105.000	178.220	6315.000	178.220	178.220	6475.110	173.220	.000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	8.000	1.000	4530.000	.350	4830.000	.210	4980.000	.065	5020.000	.215
NH	5150.000	.280	5230.000	.350	5480.000	1.000	5908.000	.000	.000	.000

## Cross Section B-1

X1	8600.000	38.000	4980.000	5020.000	89.000	89.000	89.000	.000	.000	.000
GR	165.000	4376.000	160.600	4530.000	160.000	4551.000	158.000	4631.000	156.000	4651.000
GR	154.000	4661.000	152.000	4681.000	150.000	4691.000	148.000	4720.000	146.000	4750.000
GR	144.000	4795.000	143.130	4830.000	142.000	4875.000	140.000	4965.000	138.760	4980.000
GR	138.050	4982.000	137.100	4987.000	136.480	4997.000	136.660	5000.000	137.130	5008.000
GR	137.910	5015.000	138.050	5018.000	139.250	5020.000	138.600	5045.000	139.610	5150.000
GR	140.000	5190.000	142.000	5230.000	144.000	5360.000	146.000	5440.000	147.140	5480.000
GR	148.000	5510.000	150.000	5550.000	152.000	5610.000	154.000	5710.000	156.000	5765.000
GR	158.000	5803.000	160.000	5833.000	165.000	5908.000	.000	.000	.000	.000
NH	8.000	1.000	4635.000	.350	4770.000	.215	4921.000	.065	5096.000	.210
NH	5120.000	.280	5401.000	.350	5535.000	1.000	5698.000	.000	.000	.000

## Cross Section B

X1	9625.000	42.000	4921.000	5096.000	825.000	825.000	825.000	.000	.000	.000
GR	165.000	4520.000	161.170	4635.000	160.000	4670.000	158.000	4675.000	156.000	4684.000
GR	154.000	4693.000	152.000	4703.000	150.000	4713.000	148.000	4719.000	146.000	4728.000
GR	144.000	4737.000	142.000	4745.000	141.000	4752.000	140.900	4770.000	140.100	4921.000
GR	139.760	4981.500	139.050	4983.500	138.100	4988.500	137.480	4998.500	137.570	5000.000
GR	138.130	5009.500	138.910	5016.500	139.050	5019.500	140.250	5021.500	139.600	5046.500
GR	141.000	5096.000	141.370	5120.000	142.000	5161.000	144.000	5226.000	144.200	5238.000
GR	146.000	5266.000	148.000	5311.000	150.000	5341.000	150.300	5359.000	152.000	5401.000
GR	154.000	5473.000	155.300	5493.000	156.000	5523.000	156.440	5535.000	158.000	5578.000
GR	160.000	5613.000	165.000	5698.000	.000	.000	.000	.000	.000	.000
NH	8.000	.350	4673.000	.280	4780.000	.230	4930.000	.210	4981.500	.065
NH	5021.500	.215	5170.000	.350	5340.000	1.000	5668.000	.000	.000	.000

## Cross Section B-2

X1	10550.000	35.000	4981.500	5021.500	925.000	925.000	925.000	.000	.000	.000
GR	165.000	4538.000	160.000	4663.000	158.000	4673.000	156.000	4690.000	154.000	4700.000
GR	152.000	4710.000	150.000	4730.000	148.000	4745.000	146.000	4760.000	144.000	4770.000
GR	142.000	4780.000	140.700	4930.000	140.260	4981.500	139.550	4983.500	138.600	4988.500
GR	137.980	4998.500	138.070	5000.000	138.630	5009.500	139.410	5016.500	139.550	5019.500
GR	140.750	5021.500	140.100	5046.500	141.150	5170.000	142.000	5270.000	144.000	5305.000
GR	145.170	5340.000	146.000	5365.000	148.000	5395.000	150.000	5430.000	152.000	5440.000
GR	154.000	5480.000	156.000	5510.000	158.000	5538.000	160.000	5568.000	165.000	5668.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	8.000	1.000	4592.000	.350	4870.000	.220	4993.500	.065	5025.500	.230
NH	5215.000	.280	5460.000	.350	6060.000	1.000	6924.000	.000	.000	.000



X1	11493.000	68.000	4993.500	5025.500	943.500	943.500	943.500	147.820	.000
X3	10.000	.000	.000	.000	.000	.000	.000	147.820	.000
GR	160.000	4318.000	161.910	4386.000	164.930	166.000	4532.000	164.870	4566.000
GR	164.000	4592.000	162.600	4641.000	162.000	160.000	4722.000	158.000	4732.000
GR	156.000	4743.000	155.670	4746.000	154.000	152.000	4773.000	150.000	4788.000
GR	148.000	4838.000	146.580	4870.000	146.000	141.420	4934.500	137.510	4978.500
GR	136.470	4992.500	135.580	4993.500	136.040	135.400	4995.500	135.400	4998.500
GR	135.400	4999.000	135.400	5003.480	135.400	135.400	5003.500	135.400	5004.500
GR	135.400	5004.510	135.400	5009.490	135.400	135.400	5014.480	135.400	5014.490
GR	135.400	5014.500	135.400	5015.500	135.400	135.400	5020.490	135.400	5020.500
GR	137.390	5025.490	137.390	5025.500	137.710	137.770	5033.500	139.190	5215.000
GR	141.110	5460.000	144.000	5828.000	146.000	148.000	5984.000	148.760	6060.000
GR	149.280	6112.000	150.000	6184.000	151.510	152.000	6254.000	153.530	6315.000
GR	154.000	6334.000	155.630	6387.000	156.000	156.930	6469.000	157.800	6534.000
GR	158.000	6549.000	159.570	6596.000	160.000	162.000	6669.000	164.000	6714.000
GR	166.000	6784.000	168.000	6849.000	170.000	170.000	6669.000	164.000	6714.000
SB	1.250	1.670	2.600	.000	28.800	.020	300.000	135.400	135.400
NH	8.000	1.000	4592.000	.350	4870.000	.220	4993.500	5025.500	.230
NH	5215.000	.280	5460.000	.350	6060.000	1.000	6924.000	.000	.000

HWY 70:

X1	11545.000	68.000	4993.500	5025.500	52.000	52.000	52.000	147.820	.000
X2	10.000	.000	1.000	125.400	147.630	.000	.000	147.820	.000
X3	-68.000	4318.000	160.020	160.000	4386.000	161.920	161.910	164.940	164.930
BT	.000	4532.000	166.010	166.000	4566.000	164.880	164.870	164.010	164.000
BT	.000	4661.000	162.610	162.600	4662.000	162.010	162.000	160.010	160.000
BT	.000	4732.000	158.010	158.000	4743.000	156.010	156.000	155.680	155.670
BT	.000	4761.000	154.010	154.000	4773.000	152.010	152.000	150.010	150.000
BT	.000	4838.000	148.840	148.000	4870.000	148.440	148.580	148.280	146.000
BT	.000	4934.500	147.630	141.420	4978.500	147.720	147.510	147.750	136.470
BT	.000	4993.500	147.770	135.400	4993.510	147.760	145.400	147.750	145.400
BT	.000	4998.500	147.780	145.400	4999.000	147.770	145.400	147.780	145.400
BT	.000	5003.490	147.780	135.400	5003.500	147.783	135.400	147.790	135.400
BT	.000	5004.510	147.780	145.400	5009.490	147.770	145.400	147.780	145.400
BT	.000	5014.480	147.800	145.400	5014.490	147.800	135.400	147.800	135.400
BT	.000	5015.500	147.800	135.400	5015.510	147.800	145.400	147.810	145.400
BT	.000	5025.500	147.810	145.400	5025.490	147.820	145.400	147.820	145.400
BT	.000	5026.500	147.820	145.400	5033.500	147.840	145.400	147.870	139.190
BT	.000	5460.000	147.900	141.110	5828.000	147.960	144.000	147.960	146.000
BT	.000	5984.000	148.010	148.000	6060.000	148.770	148.760	149.290	149.280
BT	.000	6184.000	150.010	150.000	6237.000	151.520	151.510	152.010	152.000
BT	.000	6315.000	153.540	153.530	6334.000	154.010	154.000	155.640	155.630
BT	.000	6399.000	158.480	158.000	6469.000	156.940	156.930	158.000	157.800
BT	.000	6549.000	162.020	162.000	6596.000	164.020	164.000	160.020	160.000
BT	.000	6669.000	168.020	168.000	6714.000	170.020	170.000	166.020	166.000
BT	.000	6849.000	161.910	4386.000	164.930	170.020	170.000	164.870	166.000
GR	160.000	4318.000	162.600	4641.000	162.000	160.000	4722.000	158.000	4732.000
GR	164.000	4592.000	162.600	4746.000	162.000	160.000	4773.000	150.000	4788.000
GR	156.000	4743.000	155.670	4746.000	154.000	152.000	4773.000	150.000	4788.000
GR	148.000	4838.000	146.580	4870.000	146.000	141.420	4934.500	137.510	4978.500
GR	136.470	4992.500	135.580	4993.500	136.040	135.400	4995.500	135.400	4998.500
GR	135.400	4999.000	135.400	5003.480	135.400	135.400	5003.500	135.400	5004.500
GR	135.400	5004.510	135.400	5009.490	135.400	135.400	5014.480	135.400	5014.490
GR	135.400	5014.500	135.400	5015.500	135.400	135.400	5020.490	135.400	5020.500
GR	137.390	5025.490	137.390	5025.500	137.710	137.770	5033.500	139.190	5215.000
GR	141.110	5460.000	144.000	5828.000	146.000	148.000	5984.000	148.760	6060.000
GR	149.280	6112.000	150.000	6184.000	151.510	152.000	6254.000	153.530	6315.000
GR	154.000	6334.000	155.630	6387.000	156.000	156.930	6469.000	157.800	6534.000
GR	158.000	6549.000	159.570	6596.000	160.000	162.000	6669.000	164.000	6714.000
GR	166.000	6784.000	168.000	6849.000	170.000	170.000	6669.000	164.000	6714.000

GR	135.400	4999.000	135.400	5003.480	135.400	5003.490	135.400	5003.500	135.400	5004.500
GR	135.400	5004.510	135.400	5009.490	135.400	5009.500	135.400	5014.480	135.400	5014.490
GR	135.400	5014.500	135.400	5015.500	135.400	5015.510	135.400	5020.500	135.400	5020.500
GR	135.400	5025.490	135.400	5025.500	137.710	5026.300	137.770	5033.500	139.190	5215.000
GR	141.110	5460.000	144.000	5828.000	146.000	5876.000	148.000	5984.000	148.760	6060.000
GR	149.280	6112.000	150.000	6184.000	151.510	6237.000	152.000	6254.000	153.530	6315.000
GR	154.000	6334.000	155.630	6387.000	156.000	6399.000	156.930	6469.000	157.800	6534.000
GR	158.000	6549.000	159.570	6596.000	160.000	6609.000	162.000	6669.000	164.000	6714.000
GR	166.000	6784.000	168.000	6849.000	170.000	6924.000	.000	.000	.000	.000
NH	8.000	1.000	4592.000	.350	4870.000	.220	4978.500	.065	5026.300	.230
NH	5215.000	.280	5460.000	.350	6060.000	1.000	6924.000	.000	.000	.000
X1	12109.000	68.000	4978.500	5026.300	564.000	564.000	564.000	.000	.000	.000
GR	162.760	4318.000	164.670	4386.000	167.690	4494.000	168.760	4532.000	167.630	4566.000
GR	166.760	4592.000	165.360	4641.000	164.760	4662.000	162.760	4722.000	160.760	4732.000
GR	158.760	4743.000	158.430	4746.000	156.760	4761.000	154.760	4773.000	152.760	4788.000
GR	150.760	4838.000	149.340	4870.000	148.760	4883.000	144.180	4934.500	140.270	4978.500
GR	139.230	4992.500	138.800	4993.500	138.800	4993.510	138.160	4995.000	138.160	4998.500
GR	138.160	4999.000	138.160	5003.480	138.160	5003.490	138.160	5003.500	138.160	5004.500
GR	138.160	5004.510	138.160	5009.490	138.160	5009.500	138.160	5014.480	138.160	5014.490
GR	138.160	5014.500	138.160	5015.500	138.160	5015.510	138.160	5020.500	138.160	5020.500
GR	140.150	5025.490	140.150	5025.500	140.670	5026.300	140.530	5033.500	141.950	5215.000
GR	143.870	5460.000	146.760	5828.000	148.760	5876.000	150.760	5984.000	151.520	6060.000
GR	152.040	6112.000	152.760	6184.000	154.270	6237.000	154.760	6254.000	156.290	6315.000
GR	156.760	6334.000	158.390	6387.000	158.760	6399.000	159.690	6469.000	160.560	6534.000
GR	160.760	6549.000	162.330	6596.000	162.760	6609.000	164.760	6669.000	166.760	6714.000
GR	168.760	6784.000	170.760	6849.000	172.760	6924.000	.000	.000	.000	.000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	8.000	.350	4725.000	.280	4800.000	.170	4860.000	.230	4990.000	.065
NH	5010.000	.165	5110.000	.350	5230.000	1.000	6340.000	.000	.000	.000

Cross Section E-1

X1	12323.000	31.000	4990.000	5010.000	215.500	215.500	215.500	.000	.000	.000
GR	162.000	4680.000	160.000	4705.000	158.000	4725.000	156.000	4740.000	154.000	4760.000
GR	152.000	4780.000	150.670	4800.000	150.000	4810.000	148.000	4830.000	146.000	4850.000
GR	144.000	4860.000	143.500	4990.000	139.910	4995.000	139.210	4999.990	139.210	5000.000
GR	140.270	5005.000	143.500	5010.000	143.670	5110.000	143.870	5230.000	144.000	5310.000
GR	146.000	5445.000	148.000	5625.000	150.000	5655.000	152.000	5740.000	154.000	5850.000
GR	156.000	5900.000	158.000	6010.000	160.000	6075.000	162.000	6170.000	164.000	6250.000
GR	166.000	6340.000	.000	.000	.000	.000	.000	.000	.000	.000

NH	8.000	1.000	4455.000	.350	4707.000	.165	4990.000	.065	5010.000	.170
NH	5230.000	.280	5323.000	.350	5510.000	1.000	6090.000	.000	.000	.000

Cross Section E

X1	13045.000	48.000	4990.000	5010.000	720.000	720.000	720.000	.000	.000	.000
GR	177.800	4014.000	172.800	4119.000	170.000	4161.000	168.000	4182.000	166.000	4212.000
GR	164.000	4232.000	162.500	4264.000	160.000	4299.000	159.200	4311.000	158.000	4331.000
GR	156.000	4383.000	155.200	4405.000	154.000	4443.000	152.000	4455.000	150.000	4477.000
GR	149.000	4499.000	148.000	4529.000	146.000	4611.000	145.100	4643.000	144.000	4673.000
GR	143.800	4693.000	143.800	4707.000	143.700	4990.000	140.110	4995.000	139.410	4999.990

GR	139.41C	5000.000	140.470	5005.000	143.700	5010.000	143.800	5095.000	144.000	5106.000
GR	146.000	5206.000	146.920	5230.000	148.000	5258.000	150.000	5323.000	152.000	5345.000
GR	154.000	5405.000	155.200	5463.000	155.390	5510.000	155.700	5588.000	156.000	5666.000
GR	158.000	5736.000	160.000	5851.000	162.900	5912.000	162.900	5937.000	164.000	5965.000
GR	166.000	6010.000	168.000	6055.000	170.000	6090.000				

NH	8.000	1.000	4488.000	.350	4698.000	.165	4985.000	.065	5015.000	.170
NH	5130.000	.280	5400.000	.350	5650.000	1.000	6027.000	.000		

Cross Section D

X1	14113.000	36.000	4985.000	5015.000	1068.000	1068.000	1068.000	.000		
GR	170.000	4488.000	168.000	4513.000	166.000	4540.000	164.000	4571.000	162.000	4593.000
GR	160.000	4623.000	158.000	4638.000	156.000	4649.000	154.000	4659.000	152.000	4671.000
GR	150.000	4686.000	148.000	4698.000	146.000	4715.000	144.000	4785.000	143.290	4990.000
GR	142.900	4995.000	142.470	4999.990	142.470	5000.000	142.520	5005.000	143.210	5010.000
GR	144.000	5015.000	146.000	5130.000	148.000	5260.000	149.750	5400.000	150.000	5420.000
GR	152.000	5491.000	154.000	5562.000	156.000	5605.000	156.970	5650.000	158.000	5698.000
GR	160.000	5748.000	162.000	5783.000	164.000	5835.000	166.000	5905.000	168.000	5956.000
GR	170.000	6027.000								

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	8.000	1.000	4522.000	.350	4750.000	.150	4987.750	.072	5011.750	.170
X1	14969.000	.280	5410.000	.350	5662.000	1.000	6181.000	.000		
X3	10.000	.000	4987.750	5011.750	856.000	856.000	856.000	.000		
GR	164.420	4260.000	164.420	4380.000	164.420	4412.000	164.420	4430.000	164.420	4467.000
GR	162.420	4472.000	162.060	4477.000	160.420	4500.000	158.420	4522.000	156.420	4534.000
GR	154.420	4562.000	152.420	4574.000	150.420	4603.000	148.420	4625.000	146.420	4640.000
GR	144.420	4649.000	142.420	4664.000	140.420	4732.000	140.420	4750.000	140.420	4922.000
GR	140.420	4957.250	140.420	4972.000	139.230	4987.500	139.230	4987.750	139.230	4987.760
GR	139.230	4993.500	139.230	4993.750	139.230	4999.500	139.230	4999.750	139.230	4999.740
GR	139.230	4999.750	139.230	4999.760	139.230	5000.000	139.230	5000.500	139.230	5000.750
GR	139.230	5011.500	140.160	5011.740	140.200	5011.750	141.170	5012.000	140.670	5015.500
GR	140.620	5038.250	140.420	5140.000	141.030	5178.000	142.420	5265.000	144.420	5272.000
GR	146.420	5397.000	146.770	5410.000	148.420	5472.000	150.420	5567.000	152.420	5662.000
GR	153.980	5723.000	154.420	5740.000	156.420	5781.000	156.760	5798.000	157.660	5843.000
GR	158.420	5881.000	158.860	5893.000	160.420	5936.000	161.410	5978.000	162.420	6021.000
GR	162.420	6156.000								

NH	8.000	1.000	4522.000	.350	4750.000	.150	4987.750	.045	5011.750	.170
X1	14970.000	.280	5410.000	.350	5662.000	1.000	6181.000	.000		
X3	10.000	.000	4987.750	5011.750	1.000	1.000	1.000	.000		
BT	.000	4260.000	170.020	170.000	4380.000	170.010	170.000	152.560	152.630	170.000
BT	.000	4430.000	170.010	170.000	4467.000	170.010	170.000	4412.000	170.010	170.000
BT	.000	4477.000	167.650	167.640	4500.000	166.010	166.000	4522.000	164.010	168.000
BT	.000	4534.000	162.010	162.000	4562.000	160.010	160.000	4574.000	158.500	158.000
BT	.000	4603.000	158.050	156.000	4625.000	157.710	154.000	4640.000	157.470	152.000
BT	.000	4649.000	157.340	150.000	4664.000	157.100	148.000	4732.000	156.050	146.000
BT	.000	4750.000	155.770	146.000	4922.000	153.110	146.000	4957.250	152.560	146.000
BT	.000	4972.000	152.580	146.000	4987.500	152.600	144.810	4987.750	152.600	139.230
BT	.000	4987.760	152.600	149.230	4993.500	152.600	149.230	4993.750	152.610	149.230
BT	.000	4999.500								

BT	.000	4999.750	152.610	139.230	4999.760	152.610	149.230	5000.000	152.610	149.230
BT	.000	5005.500	152.620	149.230	5005.750	152.620	149.230	5011.500	152.630	149.230
BT	.000	5011.740	152.630	149.230	5011.750	152.630	139.230	5012.000	152.630	146.750
BT	.000	5015.500	152.630	146.250	5038.250	152.660	146.200	5140.000	153.750	146.000
BT	.000	5178.000	154.160	146.610	5265.000	155.090	148.000	5272.000	155.170	150.000
BT	.000	5397.000	156.510	152.000	5410.000	156.640	152.350	5472.000	157.310	154.000
BT	.000	5567.000	158.330	156.000	5662.000	159.350	158.000	5723.000	160.000	159.560
BT	.000	5760.000	160.450	160.000	5781.000	162.010	162.000	5798.000	162.350	162.340
BT	.000	5843.000	163.600	163.240	5881.000	164.010	164.000	5893.000	164.450	164.440
BT	.000	5936.000	166.010	166.000	5978.000	167.000	166.990	6021.000	168.020	168.000
BT	.000	6156.000	168.020	168.000	6181.000	170.020	170.000	.000	.000	.000
GR	170.000	4260.000	170.000	4390.000	170.000	4412.000	170.000	4430.000	170.000	4467.000
GR	168.000	4472.000	167.640	4477.000	166.000	4509.000	164.000	4522.000	162.000	4534.000
GR	160.000	4562.000	158.000	4574.000	156.000	4603.000	154.000	4625.000	152.000	4640.000
GR	150.000	4649.000	148.000	4664.000	146.000	4732.000	146.000	4750.000	146.000	4922.000
GR	146.000	4979.250	146.000	4972.000	144.810	4987.500	139.230	4987.750	139.230	4987.760
GR	139.230	4993.500	139.230	4993.750	139.230	4999.500	139.230	4999.730	139.230	4999.740
GR	139.230	4999.750	139.230	4999.760	139.230	5000.000	139.230	5005.500	139.230	5005.750
GR	139.230	5011.500	139.230	5011.740	139.230	5011.750	146.750	5012.000	146.250	5015.500
GR	146.200	5038.250	146.000	5140.000	146.610	5178.000	148.000	5265.000	150.000	5272.000
GR	152.000	5397.000	152.350	5410.000	154.000	5472.000	156.000	5667.000	158.000	5662.000
GR	159.560	5723.000	160.000	5740.000	162.000	5781.000	162.340	5798.000	163.240	5843.000
GR	164.000	5881.000	164.440	5893.000	166.000	5936.000	166.990	5978.000	168.000	6021.000
GR	168.000	6156.000	170.000	6181.000	.000	.000	.000	.000	.000	.000

NH	8.000	1.000	4522.000	.350	4750.000	.350	4987.750	.045	5011.750	.170
NH	5178.000	.280	5410.000	.350	5662.000	1.000	6181.000	.000	.000	.000

SP 50/55

X1	15008.000	62.000	4987.750	5011.750	38.000	38.000	38.000	.000	.000	.000
X3	10.000	.000	170.020	170.000	4380.300	170.010	170.000	152.560	152.630	.000
BT	-62.000	4260.000	170.010	170.000	4467.000	170.010	170.000	4472.000	168.010	168.000
BT	.000	4430.000	167.650	167.640	4500.000	166.010	166.000	4522.000	164.010	164.000
BT	.000	4534.000	162.010	162.000	4562.000	160.010	160.000	4574.000	158.500	158.000
BT	.000	4603.000	158.050	156.000	4625.000	157.710	154.000	4640.000	157.470	152.000
BT	.000	4649.000	157.340	150.000	4664.000	157.100	148.000	4732.000	156.050	146.000
BT	.000	4750.000	155.770	146.000	4922.000	153.110	146.000	4957.250	152.560	146.000
BT	.000	4972.000	152.580	146.000	4987.500	152.600	144.810	4987.750	152.600	139.230
BT	.000	4987.760	152.600	149.230	4993.500	152.600	149.230	4993.750	152.610	149.230
BT	.000	4999.750	152.610	139.230	4999.760	152.610	149.230	4999.740	152.610	139.230
BT	.000	5005.500	152.620	149.230	5005.750	152.620	149.230	5000.000	152.610	149.230
BT	.000	5011.740	152.630	149.230	5011.750	152.630	139.230	5012.000	152.630	146.750
BT	.000	5015.500	152.630	146.250	5038.250	152.660	146.200	5140.000	153.750	146.000
BT	.000	5178.000	154.160	146.610	5265.000	155.090	148.000	5272.000	155.170	150.000
BT	.000	5397.000	156.510	152.000	5410.000	156.640	152.350	5472.000	157.310	154.000
BT	.000	5567.000	158.330	156.000	5662.000	159.350	158.000	5723.000	160.000	159.560
BT	.000	5740.000	160.450	160.000	5781.000	162.010	162.000	5798.000	162.350	162.340
BT	.000	5843.000	163.600	163.240	5881.000	164.010	164.000	5893.000	164.450	164.440
BT	.000	5936.000	166.010	166.000	5978.000	167.000	166.990	6021.000	168.020	168.000
BT	.000	6156.000	170.000	168.000	6181.000	170.020	170.000	.000	.000	.000
GR	170.000	4260.000	170.000	4380.000	170.000	4412.000	170.000	4430.000	170.000	4467.000

GR	168.000	4472.000	167.640	4477.000	166.000	4500.000	164.000	4522.000	162.000	4534.000
GR	160.000	4562.000	158.000	4574.000	156.000	4603.000	154.000	4625.000	152.000	4640.000
GR	150.000	4649.000	148.000	4664.000	146.000	4732.000	146.000	4750.000	146.000	4922.000
GR	146.000	4957.250	146.000	4972.000	144.810	4987.500	139.230	4987.750	139.230	4987.760
GR	139.230	4993.500	139.230	4993.750	139.230	4999.500	139.230	4999.750	139.230	4999.740
GR	139.230	4999.750	139.230	4999.760	139.230	5000.000	139.230	5005.500	139.230	5005.750
GR	139.230	5011.500	139.230	5011.740	139.230	5011.750	146.750	5012.000	146.250	5015.500
GR	146.200	5038.250	146.000	5140.000	146.610	5178.000	148.000	5265.000	150.000	5272.000
GR	152.000	5397.000	152.350	5410.000	154.000	5472.000	156.000	5567.000	158.000	5662.000
GR	159.550	5723.000	160.000	5740.000	162.000	5781.000	162.340	5798.000	163.240	5843.000
GR	164.000	5881.000	164.440	5893.000	166.000	5936.000	166.990	5978.000	168.000	6021.000
GR	168.000	6156.000	170.000	6181.000	.000	.000	.000	.000	.000	.000
NH	8.000	1.000	4522.000	.350	4750.000	.150	4987.750	.072	5011.750	.170
NH	5178.000	.280	5410.000	.350	5662.000	1.000	6181.000	.000	.000	.000
X1	15009.000	62.000	4987.750	5011.750	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	152.569	152.630	.000
GR	164.440	4260.000	164.440	4380.000	164.440	4412.000	164.440	4430.000	164.440	4467.000
GR	162.440	4472.000	162.080	4477.000	160.440	4500.000	158.440	4522.000	156.440	4534.000
GR	154.440	4562.000	152.440	4574.000	150.440	4603.000	148.440	4625.000	146.440	4640.000
GR	144.440	4649.000	142.440	4664.000	140.440	4732.000	140.440	4750.000	140.440	4922.000
GR	140.440	4957.250	140.440	4972.000	139.250	4987.500	139.250	4987.750	139.250	4987.760
GR	139.250	4993.500	139.250	4993.750	139.250	4999.500	139.250	4999.750	139.250	4999.740
GR	139.250	4999.750	139.250	4999.760	139.250	5000.000	139.250	5005.500	139.250	5005.750
GR	140.640	5038.250	140.440	5140.000	140.220	5011.750	141.190	5012.000	140.690	5015.500
GR	146.440	5397.000	146.790	5410.000	148.440	5472.000	150.440	5567.000	152.440	5662.000
GR	154.000	5723.000	154.440	5740.000	156.440	5781.000	156.780	5798.000	157.680	5843.000
GR	158.440	5881.000	156.880	5893.000	160.440	5936.000	161.430	5978.000	162.440	6021.000
GR	162.440	6156.000	164.440	6181.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4620.000	.350	4822.000	.175	4991.500	.072	5008.500	.170
NH	5300.000	.350	5535.000	1.000	5782.000	.000	.000	.000	.000	.000

Cross Section E

X1	15349.000	41.000	4991.500	5008.500	340.000	340.000	340.000	340.000	340.000	.000
GR	177.500	4272.000	170.000	4452.000	168.000	4463.000	166.000	4478.000	165.000	4487.000
GR	164.000	4498.000	162.000	4518.000	160.000	4539.000	158.000	4569.000	156.000	4600.000
GR	155.000	4620.000	154.000	4642.000	152.000	4707.000	150.000	4737.000	148.000	4762.000
GR	146.800	4775.000	146.990	4822.000	147.670	4991.500	145.240	4996.500	144.910	5000.000
GR	144.770	5001.500	145.160	5006.500	147.670	5008.500	146.400	5250.000	147.540	5300.000
GR	148.000	5320.000	149.600	5325.000	150.000	5335.000	152.000	5383.000	154.000	5418.000
GR	154.600	5426.000	156.000	5458.000	158.000	5495.000	160.000	5523.000	160.400	5535.000
GR	160.900	5550.000	166.000	5560.000	168.000	5588.000	168.600	5608.000	170.000	5647.000
GR	176.100	5782.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4630.000	.350	4850.000	.170	4991.500	.072	5008.500	.175
NH	5250.000	.350	5470.000	1.000	5490.000	.000	.000	.000	.000	.000

## Cross Section E-1

X1	16099.000	35.000	4991.500	5008.500	750.000	750.000	750.000	.000	.000	.000
GR	170.000	4165.000	168.000	4220.000	166.000	4260.000	164.000	4315.000	162.000	4365.000
GR	160.000	4415.000	158.000	4470.000	156.000	4515.000	154.000	4550.000	152.000	4560.000
GR	150.000	4580.000	149.170	4630.000	148.000	4700.000	147.810	4850.000	147.640	4991.500
GR	146.700	4993.500	146.480	4998.500	146.540	5000.000	146.700	5004.500	147.990	5008.500
GR	147.320	5033.500	148.000	5185.000	150.000	5230.000	151.330	5250.000	152.000	5260.000
GR	154.000	5290.000	156.000	5320.000	158.000	5350.000	160.000	5370.000	162.000	5390.000
GR	164.000	5410.000	166.000	5430.000	168.000	5450.000	169.000	5470.000	170.000	5490.000
NH	7.000	1.000	4650.000	.350	4845.000	.175	4991.500	.072	5008.500	.170
NH	5212.000	.350	5385.000	1.000	5593.000	.000	.000	.000	.000	.000

## Cross Section F

X1	16634.000	34.000	4991.500	5008.500	535.000	535.000	535.000	.000	.000	.000
GR	170.000	4413.000	168.000	4465.000	166.000	4507.000	164.000	4546.000	162.000	4581.000
GR	160.000	4620.000	158.000	4650.000	156.000	4666.000	154.000	4703.000	152.000	4742.000
GR	150.000	4787.000	148.000	4835.000	147.910	4845.000	146.530	4991.500	145.590	4993.500
GR	145.370	4998.500	145.420	5000.000	145.590	5004.500	146.880	5008.500	146.210	5033.500
GR	148.000	5165.000	149.180	5212.000	150.000	5245.000	152.000	5259.000	154.000	5279.000
GR	156.000	5291.000	158.000	5331.000	160.000	5353.000	161.420	5385.000	162.000	5398.000
GR	164.000	5466.000	166.000	5503.000	168.000	5538.000	170.000	5593.000	.000	.000
NH	7.000	1.000	4646.000	.350	4836.000	.175	4923.000	.072	5016.000	.170
NH	5222.000	.350	5494.000	1.000	5630.000	.000	.000	.000	.000	.000
QT	5.000	378.000	790.000	1036.000	1945.000	1036.000	.000	.000	.000	.000

## Cross Section G

X1	17329.000	34.000	4923.000	5016.000	695.000	695.000	695.000	.000	.000	.000
GR	170.000	4585.000	168.000	4614.000	166.000	4646.000	164.000	4664.000	162.000	4693.000
GR	160.000	4715.000	158.000	4740.000	156.000	4765.000	154.400	4793.000	154.000	4814.000
GR	152.000	4836.000	150.000	4861.000	149.800	4923.000	148.700	4992.000	147.520	4995.000
GR	146.750	4999.990	146.750	5000.000	147.520	5005.000	146.580	5010.000	146.310	5015.000
GR	148.800	5016.000	148.800	5222.000	150.000	5250.000	152.000	5278.000	154.000	5288.000
GR	156.000	5350.000	158.000	5411.000	159.100	5441.000	160.000	5456.000	162.000	5494.000
GR	164.000	5529.000	166.000	5559.000	168.000	5604.000	170.000	5630.000	.000	.000
NH	9.000	1.000	4722.000	.350	4870.000	.150	4996.500	.065	5060.000	.130
NH	5070.000	.175	5300.000	.350	5400.000	.300	5470.000	1.000	5520.000	.000

## Cross Section G-1

X1	17854.000	36.000	4996.500	5060.000	525.000	525.000	525.000	.000	.000	.000
GR	170.000	4309.000	168.000	4339.000	166.000	4360.000	164.000	4400.000	162.000	4415.000
GR	160.000	4430.000	158.000	4450.000	156.000	4470.000	154.000	4500.000	152.000	4550.000
GR	150.140	4722.000	150.000	4735.000	150.000	4870.000	150.000	4955.000	150.000	4975.000
GR	151.180	4993.500	150.000	4996.500	149.460	5000.000	149.230	5001.500	150.000	5006.500
GR	149.060	5011.500	148.790	5016.500	152.000	5060.000	152.570	5070.000	154.000	5095.000
GR	156.000	5130.000	158.000	5160.000	160.000	5200.000	162.000	5240.000	164.000	5290.000
GR	164.290	5300.000	166.000	5360.000	167.000	5400.000	168.000	5440.000	168.750	5470.000

GR	170.000	5520.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	6.000	1.000	4800.000	.350	4870.000	.150	4993.500	.065	5099.000	.130
NH	5224.000	.300	5314.000	.000	.000	.000	.000	.000	.000	.000

## Cross Section G-2

X1	18389.000	29.000	4993.500	5099.000	535.000	535.000	535.000	.000	.000	.000
GR	170.000	4485.000	168.000	4525.000	166.000	4575.000	164.000	4595.000	162.000	4610.000
GR	160.000	4620.000	158.000	4670.000	156.000	4710.000	154.000	4740.000	152.000	4760.000
GR	151.860	4800.000	151.610	4870.000	151.180	4993.500	150.000	4996.500	149.460	5000.000
GR	149.230	5001.500	150.000	5006.500	149.060	5011.500	148.790	5016.500	152.000	5099.000
GR	154.000	5119.000	156.000	5129.000	158.000	5149.000	160.000	5169.000	162.000	5184.000
GR	164.000	5224.000	166.000	5259.000	168.000	5284.000	170.000	5314.000	.000	.000
NH	7.000	1.000	4630.000	.300	4781.000	.130	4993.500	.065	5006.500	.150
NH	5157.000	.350	5485.000	1.000	5807.000	.000	.000	.000	.000	.000

## Cross Section H

X1	19204.000	37.000	4993.500	5006.500	815.000	815.000	815.000	.000	.000	.000
GR	180.400	4305.000	176.700	4457.000	173.200	4588.000	170.000	4630.000	168.000	4652.000
GR	166.000	4672.000	165.000	4683.000	164.000	4691.000	162.000	4703.000	160.000	4718.000
GR	158.000	4735.000	156.000	4760.000	154.000	4781.000	153.600	4789.000	152.200	4889.000
GR	152.000	4991.000	151.880	4993.500	150.850	4996.500	150.680	4999.500	150.700	5000.000
GR	150.850	5004.500	152.130	5006.500	152.000	5012.000	154.000	5157.000	156.000	5189.000
GR	158.000	5220.000	160.000	5239.000	160.800	5261.000	162.000	5283.000	164.000	5348.000
GR	166.000	5378.000	167.200	5397.000	168.000	5428.000	170.000	5438.000	172.040	5485.000
GR	175.500	5565.000	184.400	5807.000	.000	.000	.000	.000	.000	.000
NH	8.000	1.000	4530.000	.350	4830.000	.170	4900.000	.150	4993.500	.065
NH	5006.500	.130	5190.000	.300	5410.000	1.000	5580.000	.000	.000	.000

## Cross Section H-1

X1	20004.000	28.000	4993.500	5006.500	800.000	800.000	800.000	.000	.000	.000
GR	170.000	4450.000	168.000	4500.000	166.000	4510.000	165.560	4530.000	164.000	4600.000
GR	162.000	4660.000	160.000	4710.000	158.000	4790.000	156.400	4830.000	156.000	4840.000
GR	155.170	4900.000	153.880	4993.500	152.850	4996.500	152.680	4999.500	152.700	5000.000
GR	152.850	5004.500	154.130	5006.500	153.110	5026.500	156.000	5175.000	156.670	5190.000
GR	158.000	5220.000	160.000	5270.000	162.000	5330.000	164.000	5390.000	164.670	5410.000
GR	166.000	5450.000	168.000	5520.000	170.000	5580.000	.000	.000	.000	.000
NH	7.000	1.000	4702.000	.350	4836.000	.175	4993.000	.072	5007.000	.170
NH	5135.000	.350	5321.000	1.000	5603.000	.000	.000	.000	.000	.000

## Cross Section I

X1	20854.000	33.000	4993.000	5007.000	850.000	850.000	850.000	.000	.000	.000
GR	176.300	4527.000	173.500	4636.000	170.000	4681.000	168.000	4702.000	167.100	4714.000
GR	166.000	4726.000	164.000	4756.000	162.000	4798.000	160.000	4836.000	159.600	4848.000
GR	158.000	4878.000	156.000	4918.000	154.390	4992.990	154.000	4993.000	151.790	4995.000
GR	151.610	5000.000	151.540	5002.000	151.790	5005.000	154.000	5007.000	153.620	5014.000
GR	154.990	5017.000	155.410	5032.000	155.860	5135.000	156.000	5167.000	156.600	5195.000

GR	158.000	5223.000	160.000	5251.000	162.000	5273.000	164.000	5301.000	166.000	5321.000
GR	168.000	5348.000	170.000	5378.000	177.500	5603.000				
NH	6.000	.350	4892.000	.175	4995.500	.072	5004.500	.170	5120.000	.350
NH	5216.000	1.000	5256.000	.000	.000	.000	.000	.000	.000	.000

Gross Section J

X1	21859.000	20.000	4995.500	5004.500	1005.000	1005.000	1005.000	.000	.000	.000
GR	170.000	4830.000	168.000	4842.000	166.000	4850.000	162.000	4880.000	160.000	4892.000
GR	158.000	4932.000	156.720	4995.500	155.270	4996.500	154.900	5000.000	154.850	5000.500
GR	155.270	5002.500	157.280	5004.500	157.680	5029.500	158.000	5090.000	160.450	5120.000
GR	162.000	5139.000	164.000	5156.000	166.000	5176.000	168.000	5216.000	170.000	5256.000
NH	7.000	1.000	4833.500	.350	4938.000	.165	4965.500	.072	5034.500	.160
NH	5070.000	.350	5200.000	1.000	6275.000	.000	.000	.000	.000	.000
X1	22248.000	43.000	4965.500	5034.500	389.000	389.000	389.000	.000	.000	.000
GR	185.880	3222.500	184.480	3465.500	179.480	4505.000	174.480	4605.000	169.480	4805.000
GR	168.950	4833.500	167.480	4913.000	165.480	4938.000	162.430	4952.500	159.700	4965.490
GR	159.710	4965.500	163.480	4969.000	161.480	4980.000	155.280	4987.990	155.280	4988.000
GR	155.280	4988.010	155.280	4993.000	155.280	4997.980	155.280	4997.990	155.280	4998.000
GR	155.280	5006.500	155.280	5009.990	155.340	5009.990	153.340	5010.000	158.430	5034.490
GR	158.430	5034.500	159.560	5052.500	160.660	5070.000	163.480	5115.000	164.950	5158.500
GR	165.480	5174.000	166.500	5200.000	167.480	5225.000	169.480	5275.000	174.680	5525.000
GR	179.480	5625.000	183.340	6126.500	184.480	6275.000	.000	.000	.000	.000

MC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	1.000	4833.500	.350	4938.000	.165	4988.000	.072	5010.000	.160
NH	5070.000	.350	5200.000	1.000	6275.000	.000	.000	.000	.000	.000
X1	22708.000	43.000	4988.000	5010.000	460.000	460.000	460.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	167.640	167.700	.000
GR	186.400	3222.500	185.000	3465.500	180.000	4505.000	175.000	4605.000	170.000	4805.000
GR	169.470	4833.500	168.000	4913.000	166.000	4938.000	162.950	4952.500	160.220	4965.490
GR	160.230	4965.500	164.000	4969.000	162.000	4980.000	155.800	4987.990	155.800	4988.000
GR	155.800	4988.010	155.800	4993.000	155.800	4997.980	155.800	4997.990	155.800	4998.000
GR	155.800	4999.500	155.800	4999.990	155.800	5000.000	155.800	5000.010	155.800	5005.000
GR	155.800	5006.500	155.800	5009.500	155.860	5009.990	155.860	5010.000	158.950	5034.490
GR	158.950	5034.500	160.080	5052.500	161.180	5070.000	164.000	5115.000	165.470	5158.500
GR	166.000	5174.000	167.020	5200.000	168.000	5225.000	170.000	5275.000	175.000	5525.000
GR	180.000	5625.000	183.860	6126.500	185.000	6275.000	.000	.000	.000	.000

NH	7.000	1.000	4833.500	.350	4938.000	.165	4988.000	.048	5010.000	.160
NH	5070.000	.350	5200.000	1.000	6275.000	.000	.000	.000	.000	.000
X1	22709.000	43.000	4988.000	5010.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	167.640	167.700	.000
BT	-43.000	3222.500	186.420	186.420	3465.000	185.010	185.000	4505.000	180.010	180.000
BT	.000	4605.000	175.010	175.000	4805.000	170.290	170.000	4833.500	170.000	169.470
BT	.000	4913.000	168.660	168.000	4938.000	168.240	166.000	4952.500	168.000	162.950
BT	.000	4965.490	167.640	160.220	4965.500	167.640	160.230	4969.000	167.640	164.000
BT	.000	4980.000	167.660	162.000	4987.990	167.670	155.800	4988.000	167.670	155.800
BT	.000	4988.010	167.670	163.800	4993.000	167.680	163.800	4997.980	167.680	163.800
BT	.000	4997.990	167.680	155.800	4998.000	167.680	155.800	4999.500	167.680	155.800
BT	.000	4999.990	167.680	155.800	5000.000	167.690	155.800	5000.010	167.690	163.800



BT	.000	5005.000	167.690	163.800	5006.500	167.690	163.800	5009.500	167.700	163.800
BT	.000	5009.990	167.700	163.800	5010.000	167.700	163.800	5034.490	167.730	158.950
BT	.000	5034.500	167.730	158.950	5052.500	168.000	161.180	5070.000	168.330	161.180
BT	.000	5115.000	169.180	164.000	5158.500	170.000	165.470	5174.000	170.250	166.000
BT	.000	5200.000	170.680	167.020	5225.000	171.090	171.910	5275.000	171.910	170.000
BT	.000	5525.000	176.020	175.000	5625.000	180.010	185.900	6126.500	185.900	183.860
BT	.000	6275.000	185.020	185.000	6275.000	180.000	180.000	6275.000	170.000	4805.000
GR	186.400	3222.500	185.000	3465.000	180.000	4505.000	175.000	4605.000	170.000	4805.000
GR	169.470	4833.500	168.000	4913.000	166.000	4938.000	162.950	4952.500	160.220	4965.490
GR	160.230	4965.500	164.000	4969.000	162.000	4980.000	155.800	4987.990	155.800	4988.000
GR	155.800	4988.010	155.800	4993.000	155.800	4997.980	155.800	4997.990	155.800	4998.000
GR	155.800	4999.500	155.800	4999.990	155.800	5000.000	155.800	5000.010	155.800	5005.000
GR	155.800	5006.500	155.800	5009.500	155.800	5009.990	155.800	5010.000	158.950	5034.490
GR	158.950	5034.500	160.080	5052.500	161.180	5070.000	164.000	5115.000	165.470	5158.500
GR	166.000	5174.000	167.020	5200.000	168.000	5225.000	170.000	5275.000	175.000	5525.000
GR	180.000	5625.000	183.860	6126.500	185.000	6275.000	185.000	6275.000	170.000	4805.000
NH	7.000	1.000	4833.500	1.350	4938.000	.165	4988.000	.048	5010.000	.160
NH	5070.000	.350	5200.000	1.000	6275.000	.000	.000	.000	.000	.000

May 13

X1	22751.000	43.000	4988.000	5010.000	42.000	42.000	42.000	.000	167.700	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	167.700	.000
BT	-43.000	3222.500	186.420	186.400	3465.000	185.010	185.000	4505.000	180.010	180.000
BT	.000	4605.000	175.010	175.000	4805.000	170.290	170.000	4833.500	170.000	169.470
BT	.000	4913.000	168.660	168.000	4938.000	166.240	166.000	4952.500	168.000	162.950
BT	.000	4965.490	167.640	160.220	4965.500	167.640	160.230	4989.000	167.640	164.000
BT	.000	4980.000	167.660	162.000	4987.990	167.670	155.800	4988.000	167.670	155.800
BT	.000	4988.010	167.670	163.800	4993.000	167.680	163.800	4997.980	167.680	163.800
BT	.000	4997.990	167.680	155.800	4998.000	167.680	155.800	4999.500	167.680	155.800
BT	.000	4999.990	167.680	155.800	5000.000	167.690	155.800	5000.010	167.690	163.800
BT	.000	5005.000	167.690	163.800	5006.500	167.690	163.800	5009.500	167.700	163.800
BT	.000	5009.990	167.700	163.800	5010.000	167.700	155.800	5034.490	167.730	158.950
BT	.000	5115.000	167.730	158.950	5052.500	168.000	160.080	5070.000	168.330	161.180
BT	.000	5174.000	169.180	164.000	5158.500	170.000	165.470	5174.000	170.250	166.000
BT	.000	5200.000	170.680	167.020	5225.000	171.090	168.000	5275.000	171.910	170.000
BT	.000	5525.000	176.020	175.000	5625.000	180.010	180.000	6126.500	185.900	183.860
BT	.000	6275.000	185.020	185.000	6275.000	180.000	180.000	6275.000	170.000	4805.000
GR	186.400	3222.500	185.000	3465.000	180.000	4505.000	175.000	4605.000	170.000	4805.000
GR	169.470	4833.500	168.000	4913.000	166.000	4938.000	162.950	4952.500	160.220	4965.490
GR	160.230	4965.500	164.000	4969.000	162.000	4980.000	155.800	4987.990	155.800	4988.000
GR	155.800	4988.010	155.800	4993.000	155.800	4997.980	155.800	4997.990	155.800	4998.000
GR	155.800	4999.500	155.800	4999.990	155.800	5000.000	155.800	5000.010	155.800	5005.000
GR	155.800	5006.500	155.800	5009.500	155.800	5009.990	155.800	5010.000	158.950	5034.490
GR	158.950	5034.500	160.080	5052.500	161.180	5070.000	164.000	5115.000	165.470	5158.500
GR	166.000	5174.000	167.020	5200.000	168.000	5225.000	170.000	5275.000	175.000	5525.000
GR	180.000	5625.000	183.860	6126.500	185.000	6275.000	185.000	6275.000	170.000	4805.000

NH	7.000	1.000	4833.500	.350	4938.000	.165	4988.000	.072	5010.000	.160
NH	5070.000	.350	5200.000	1.000	6275.000	.000	1.000	.000	.000	.000
X1	22752.000	43.000	4988.000	5010.000	1.000	1.000	1.000	.000	167.730	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	167.640	.000
GR	186.410	3222.500	185.010	3465.000	180.010	4505.000	175.010	4605.000	170.070	4805.000
GR	169.480	4833.500	168.010	4913.000	166.010	4938.000	162.960	4952.500	160.750	4965.490
GR	160.240	4965.500	164.010	4969.000	162.010	4980.000	155.810	4987.990	155.610	4988.000
GR	155.810	4988.010	155.810	4993.000	155.810	4997.980	155.810	4997.990	155.810	4998.000
GR	155.810	4999.500	155.810	4999.990	155.810	5000.000	155.810	5000.010	155.810	5005.000
GR	155.810	5006.500	155.810	5009.500	155.870	5009.990	155.870	5010.000	158.960	5034.490
GR	158.960	5034.500	160.090	5052.500	161.190	5070.000	164.010	5115.000	165.480	5158.500
GR	166.010	5174.000	167.030	5200.000	168.010	5225.000	170.010	5275.000	175.010	5525.000
GR	180.010	5625.000	183.870	6126.500	185.010	6275.000	.000	.000	.000	.000
NH	7.000	1.000	4833.500	.350	4938.000	.165	4965.500	.072	5034.500	.160
NH	5070.000	.350	5200.000	1.000	6275.000	.000	.000	.000	.000	.000
X1	22867.000	43.000	4965.500	5034.500	115.000	115.000	115.000	.000	.000	.000
GR	187.240	3222.500	185.840	3465.000	180.840	4505.000	175.840	4605.000	170.840	4805.000
GR	170.310	4833.500	168.840	4913.000	166.840	4938.000	163.790	4952.500	161.060	4965.490
GR	161.070	4965.500	164.840	4969.000	162.840	4980.000	156.640	4987.990	156.640	4988.000
GR	156.640	4988.010	156.640	4993.000	156.640	4997.980	156.640	4997.990	156.640	4998.000
GR	156.640	4999.500	156.640	4999.990	156.640	5000.000	156.640	5000.010	156.640	5005.000
GR	156.640	5006.500	156.640	5009.500	156.700	5009.990	156.700	5010.000	159.790	5034.490
GR	159.790	5034.500	160.920	5052.500	162.020	5070.000	164.840	5115.000	166.310	5158.500
GR	166.840	5174.000	167.860	5200.000	168.840	5225.000	170.840	5275.000	175.840	5525.000
GR	180.840	5625.000	184.700	6126.500	185.840	6275.000	.000	.000	.000	.000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.000	4780.000	.350	4917.000	.165	4987.500	.072	5012.500	.160
NH	5108.000	.350	5200.000	1.000	5469.000	.000	.000	.000	.000	.000

Cross Section K

X1	23310.000	22.000	4987.500	5012.500	443.000	443.000	443.000	.000	.000	.000
GR	181.500	4410.000	179.500	4572.000	175.900	4717.000	173.810	4780.000	171.100	4862.000
GR	170.000	4877.000	168.000	4897.000	166.000	4917.000	163.270	4987.500	159.860	4988.500
GR	159.940	4994.500	159.860	5008.500	164.340	5012.500	164.420	5014.500	164.700	5108.000
GR	166.000	5155.000	168.000	5170.000	169.000	5179.000	170.000	5187.000	170.470	5200.000
GR	174.000	5298.000	182.500	5469.000	.000	.000	.000	.000	.000	.000
MC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	1.000	4742.000	.350	4900.000	.215	4995.000	.072	5005.500	.210
NH	5080.000	.350	5290.000	1.000	5850.000	.000	.000	.000	.000	.000
X1	23764.000	43.000	4995.000	5005.500	454.000	454.000	454.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	179.990	3785.000	179.990	4275.000	179.990	4652.000	174.990	4742.000	175.010	4817.000
GR	167.990	4875.000	167.270	4900.000	165.300	4968.500	164.540	4994.750	164.540	4995.000
GR	164.540	4995.500	164.540	4996.000	164.540	4996.500	164.540	4996.750	164.540	4997.000
GR	164.540	4997.500	164.540	4998.000	164.540	4998.500	164.540	4999.000	164.540	4999.750
GR	164.610	5000.000	164.680	5000.250	164.280	5001.250	164.280	5001.500	164.280	5002.000
GR	164.280	5002.500	164.280	5003.000	164.280	5003.250	164.280	5003.500	164.280	5004.000
GR	164.280	5004.500	164.280	5005.000	164.280	5005.250	164.280	5005.500	164.850	5031.500
GR	165.910	5080.000	167.990	5175.000	169.990	5185.000	174.190	5290.000	174.990	5310.000









THIS RUN EXECUTED 12-19-88 12:18:37

\*\*\*\*\*  
 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

Beaverdam Creek Da

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*5	VCH	AREA	.01K
5718.900	.00	.00	.00	125.04	800.00	136.69	.00	136.79	13.71	2.44	327.57	216.08
5718.900	.00	.00	.00	125.04	1571.00	139.54	.00	139.66	13.76	2.97	1036.18	423.47
5718.900	.00	.00	.00	125.04	2015.00	140.41	.00	140.53	13.60	3.14	1566.68	546.43
5718.900	.00	.00	.00	125.04	3589.00	142.54	.00	142.67	13.79	3.62	3141.41	966.58
6758.900	1040.00	.00	.00	125.47	800.00	137.92	.00	138.00	9.89	2.17	369.38	254.43
6758.900	1040.00	.00	.00	125.47	1571.00	140.91	.00	141.03	12.50	2.77	567.04	444.32
6758.900	1040.00	.00	.00	125.47	2015.00	141.84	.00	142.00	14.33	3.19	631.89	532.20
6758.900	1040.00	.00	.00	125.47	3589.00	143.77	.00	143.86	9.28	2.92	3873.60	1177.85
6759.900	1.00	143.24	157.91	125.38	800.00	137.92	.00	138.00	4.76	2.28	350.61	366.64
6759.900	1.00	143.24	157.91	125.38	1571.00	140.90	.00	141.04	7.57	3.04	516.07	571.03
6759.900	1.00	143.24	157.91	125.38	2015.00	141.82	.00	142.02	22.25	3.57	564.10	427.19
6759.900	1.00	143.24	157.91	125.38	3589.00	143.50	135.98	144.13	70.43	6.36	583.54	427.65
6785.200	25.30	143.24	157.91	125.38	800.00	137.93	.00	138.01	4.73	2.28	351.32	367.65
6785.200	25.30	143.24	157.91	125.38	1571.00	140.92	.00	141.06	7.53	3.04	517.25	572.59
6785.200	25.30	143.24	157.91	125.38	2015.00	141.88	.00	142.08	22.25	3.57	564.10	427.19
6785.200	25.30	143.24	157.91	125.38	3589.00	143.69	135.98	144.31	69.93	6.33	634.53	429.18
6786.200	1.00	.00	.00	125.49	800.00	137.94	.00	138.02	9.93	2.17	368.84	253.90
6786.200	1.00	.00	.00	125.49	1571.00	140.95	.00	141.07	12.39	2.76	568.54	446.28
6786.200	1.00	.00	.00	125.49	2015.00	141.94	.00	142.09	13.95	3.16	637.12	539.55
6786.200	1.00	.00	.00	125.49	3589.00	144.41	.00	144.48	6.97	2.62	4494.80	1359.30
7325.000	538.75	.00	.00	136.16	800.00	139.24	.00	139.38	144.10	4.43	559.21	66.64
7325.000	538.75	.00	.00	136.16	1571.00	141.91	.00	141.95	22.51	2.88	1673.05	331.11
7325.000	538.75	.00	.00	136.16	2015.00	142.92	.00	142.96	18.07	2.91	2133.03	473.99
7325.000	538.75	.00	.00	136.16	3589.00	144.99	.00	145.05	18.16	3.55	3206.51	842.20
8039.000	714.00	.00	.00	130.37	800.00	140.21	.00	140.26	4.12	1.81	442.87	394.05
8039.000	714.00	.00	.00	130.37	1571.00	142.66	.00	142.77	6.43	2.70	581.01	619.54
8039.000	714.00	.00	.00	130.37	2015.00	143.67	.00	143.82	7.74	3.16	638.09	724.25
8039.000	714.00	.00	.00	130.37	3589.00	145.95	.00	146.29	13.27	4.68	767.42	985.11

SECNO	XLCH	ELTRD	ELLC	ELMIN	O	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
8260.000	221.00	163.01	146.62	131.54	800.00	140.21	.00	140.36	33.12	3.08	259.95	139.02
8260.000	221.00	163.01	146.62	131.54	1571.00	142.67	.00	142.91	30.73	3.94	398.56	283.41
8260.000	221.00	163.01	146.62	131.54	2015.00	143.68	.00	143.98	32.31	4.42	455.82	354.47
8260.000	221.00	163.01	146.62	131.54	3589.00	145.99	.00	146.57	44.28	6.12	586.35	539.34
8711.000	451.00	.00	.00	136.40	800.00	141.79	.00	141.88	33.79	2.96	632.10	137.62
8711.000	451.00	.00	.00	136.40	1571.00	143.79	.00	143.84	13.40	2.54	2065.65	429.19
8711.000	451.00	.00	.00	136.40	2015.00	144.76	.00	144.81	9.98	2.45	2913.39	637.85
8711.000	451.00	.00	.00	136.40	3589.00	147.34	.00	147.38	6.91	2.55	5251.21	1365.13
8800.000	89.00	.00	.00	136.48	800.00	142.03	.00	142.09	16.31	2.58	835.67	198.06
8800.000	89.00	.00	.00	136.48	1571.00	143.90	.00	143.97	13.31	2.91	1690.12	430.61
8800.000	89.00	.00	.00	136.48	2015.00	144.84	.00	144.91	11.63	2.97	2245.96	590.80
8800.000	89.00	.00	.00	136.48	3589.00	147.39	.00	147.46	9.49	3.26	4010.00	1164.92
9625.000	825.00	.00	.00	137.48	800.00	142.84	.00	142.86	5.94	1.20	1054.95	328.16
9625.000	825.00	.00	.00	137.48	1571.00	144.57	.00	144.59	4.83	1.45	1877.65	714.70
9625.000	825.00	.00	.00	137.48	2015.00	145.44	.00	145.47	4.39	1.54	2332.00	961.70
9625.000	825.00	.00	.00	137.48	3589.00	147.90	.00	147.94	3.89	1.84	3700.09	1818.54
10550.000	925.00	.00	.00	137.98	800.00	143.53	.00	143.56	9.82	2.00	1328.77	255.25
10550.000	925.00	.00	.00	137.98	1571.00	145.17	.00	145.20	9.49	2.40	2228.61	510.05
10550.000	925.00	.00	.00	137.98	2015.00	146.00	.00	146.04	9.07	2.54	2718.99	669.11
10550.000	925.00	.00	.00	137.98	3589.00	148.40	.00	148.45	8.44	2.97	4239.01	1235.15
11493.000	943.50	.00	.00	135.40	800.00	144.35	.00	144.48	8.74	2.85	280.99	270.55
11493.000	943.50	.00	.00	135.40	1571.00	146.21	.00	146.55	17.76	4.61	340.59	372.80
11493.000	943.50	.00	.00	135.40	2015.00	147.07	.00	147.53	22.60	5.48	367.85	423.84
11493.000	943.50	.00	.00	135.40	3589.00	148.85	.00	148.86	2.57	2.03	8207.30	2237.40
11545.000	52.00	147.63	145.40	135.40	800.00	144.35	.00	144.47	8.03	2.79	286.47	282.38
11545.000	52.00	147.63	145.40	135.40	1571.00	146.63	.00	146.93	14.54	4.37	359.34	411.98
11545.000	52.00	147.63	145.40	135.40	2015.00	148.04	.00	148.04	1.09	1.30	7251.40	1928.13
11545.000	52.00	147.63	145.40	135.40	3589.00	149.02	.00	149.03	2.37	2.01	8440.12	2329.68
12109.000	564.00	.00	.00	138.16	800.00	144.81	.00	144.84	4.58	1.60	1610.32	373.74
12109.000	564.00	.00	.00	138.16	1571.00	147.32	.00	147.34	3.13	1.67	3660.58	887.54
12109.000	564.00	.00	.00	138.16	2015.00	148.13	.00	148.15	3.28	1.82	4435.34	1113.10
12109.000	564.00	.00	.00	138.16	3589.00	149.21	.00	149.25	6.09	2.66	5505.47	1454.60
12325.000	215.50	.00	.00	139.21	800.00	144.90	.00	145.19	103.90	5.62	605.38	78.48
12325.000	215.50	.00	.00	139.21	1571.00	147.43	.00	147.50	22.87	3.62	2170.65	328.52
12325.000	215.50	.00	.00	139.21	2015.00	148.24	.00	148.31	20.51	3.70	2802.08	444.98
12325.000	215.50	.00	.00	139.21	3589.00	149.42	.00	149.52	31.11	5.02	3757.76	643.43
13045.000	720.00	.00	.00	139.41	800.00	146.53	.00	146.55	7.44	1.83	1513.99	293.32
13045.000	720.00	.00	.00	139.41	1571.00	148.24	.00	148.26	6.02	1.97	2687.25	640.47
13045.000	720.00	.00	.00	139.41	2015.00	149.01	.00	149.02	5.78	2.06	3273.17	838.11
13045.000	720.00	.00	.00	139.41	3589.00	150.49	.00	150.51	7.68	2.66	4503.71	1295.38



SECNO	XLCH	ELTRD	ELLC	ELMHK	Q	CWSEL	CRIVS	EG	TOK'S	VCH	AREA	.01K
14113.000	1068.00	.00	.00	142.47	800.00	147.48	.00	147.51	10.95	2.03	1170.39	241.80
14113.000	1068.00	.00	.00	142.47	1571.00	149.03	.00	149.06	9.42	2.30	2068.77	511.85
14113.000	1068.00	.00	.00	142.47	2015.00	149.76	.00	149.78	8.91	2.41	2565.61	675.22
14113.000	1068.00	.00	.00	142.47	3589.00	151.41	.00	151.45	9.99	2.96	3825.79	1135.77
14969.000	856.00	.00	.00	139.23	800.00	148.52	.00	148.72	16.15	3.59	222.86	199.09
14969.000	856.00	.00	.00	139.23	1571.00	150.18	.00	150.73	36.02	5.98	262.63	261.75
14969.000	856.00	.00	.00	139.23	2015.00	150.86	.00	151.67	48.46	7.22	278.97	289.45
14969.000	856.00	.00	.00	139.23	3589.00	152.41	.00	154.41	101.23	11.35	316.23	356.72
14970.000	1.00	152.56	170.00	139.23	800.00	148.52	.00	148.72	6.04	3.59	223.02	325.55
14970.000	1.00	152.56	170.00	139.23	1571.00	150.13	.00	150.79	45.86	6.54	240.04	231.98
14970.000	1.00	152.56	170.00	139.23	2015.00	150.72	.00	151.82	75.42	8.39	240.07	232.03
14970.000	1.00	152.56	170.00	139.23	3589.00	151.69	.00	155.16	239.10	14.95	240.12	232.11
15008.000	38.00	152.56	170.00	139.23	800.00	148.55	.00	148.75	5.97	3.57	223.83	327.51
15008.000	38.00	152.56	170.00	139.23	1571.00	150.30	.00	150.97	45.86	6.54	240.05	231.99
15008.000	38.00	152.56	170.00	139.23	2015.00	151.01	.00	152.10	75.40	8.39	240.09	232.05
15008.000	38.00	152.56	170.00	139.23	3589.00	154.43	154.43	155.98	171.39	10.80	647.35	274.14
15009.000	1.00	.00	.00	139.25	800.00	148.55	.00	148.75	16.11	3.59	223.03	199.33
15009.000	1.00	.00	.00	139.25	1571.00	150.48	.00	151.01	33.05	5.83	269.50	273.26
15009.000	1.00	.00	.00	139.25	2015.00	151.49	.00	152.22	40.87	6.86	293.60	315.19
15009.000	1.00	.00	.00	139.25	3589.00	156.45	.00	156.45	.36	.81	13801.73	5984.67
15349.000	340.00	.00	.00	144.77	800.00	149.36	.00	149.37	17.17	1.93	1270.09	193.06
15349.000	340.00	.00	.00	144.77	1571.00	151.60	.00	151.61	6.90	1.68	2658.61	597.87
15349.000	340.00	.00	.00	144.77	2015.00	152.81	.00	152.81	5.12	1.63	3482.46	890.20
15349.000	340.00	.00	.00	144.77	3589.00	156.47	.00	156.48	2.90	1.61	6418.15	2108.50
16099.000	750.00	.00	.00	146.48	800.00	150.46	.00	150.47	12.61	1.70	1567.40	225.33
16099.000	750.00	.00	.00	146.48	1571.00	152.19	.00	152.20	9.01	1.87	2750.61	523.25
16099.000	750.00	.00	.00	146.48	2015.00	153.25	.00	153.26	7.08	1.87	3511.22	757.37
16099.000	750.00	.00	.00	146.48	3589.00	156.73	.00	156.74	4.13	1.90	6198.95	1766.58
16634.000	535.00	.00	.00	145.37	800.00	150.91	.00	150.92	6.13	1.51	1524.49	323.18
16634.000	535.00	.00	.00	145.37	1571.00	152.60	.00	152.61	6.60	1.89	2388.75	611.67
16634.000	535.00	.00	.00	145.37	2015.00	153.60	.00	153.61	6.05	1.98	2936.03	819.16
16634.000	535.00	.00	.00	145.37	3589.00	156.95	.00	156.97	4.37	2.13	4972.58	1716.71
17329.000	695.00	.00	.00	146.31	378.00	151.29	.00	151.29	4.05	.77	913.37	187.86
17329.000	695.00	.00	.00	146.31	790.00	152.94	.00	152.95	2.99	.92	1646.59	456.63
17329.000	695.00	.00	.00	146.31	1036.00	153.91	.00	153.91	2.49	.96	2093.62	656.95
17329.000	695.00	.00	.00	146.31	1945.00	157.16	.00	157.17	1.54	1.05	3914.76	1565.68
17854.000	525.00	.00	.00	148.79	378.00	151.70	.00	151.72	23.27	1.59	670.37	78.36
17854.000	525.00	.00	.00	148.79	790.00	153.21	.00	153.23	11.47	1.65	1462.42	233.24
17854.000	525.00	.00	.00	148.79	1036.00	154.12	.00	154.13	8.10	1.64	1995.29	364.07
17854.000	525.00	.00	.00	148.79	1945.00	157.27	.00	157.29	3.73	1.64	4037.76	1006.73

SECNO	XLCH	ELTRD	ELLC	ELMIN	O	CMSEL	CRISW	EG	10K*S	VCH	AREA	.DIK
18389.000	535.00	.00	.00	148.79	378.00	152.53	.00	152.55	10.93	1.32	465.03	114.32
18389.000	535.00	.00	.00	148.79	790.00	153.75	.00	153.78	9.12	1.60	909.22	261.53
18389.000	535.00	.00	.00	148.79	1036.00	154.52	.00	154.56	7.40	1.64	1203.70	380.76
18389.000	535.00	.00	.00	148.79	1945.00	157.47	.00	157.50	3.74	1.65	2447.76	1005.13
19204.000	815.00	.00	.00	150.68	378.00	153.87	.00	153.90	27.77	2.36	455.56	71.73
19204.000	815.00	.00	.00	150.68	790.00	154.85	.00	154.88	21.46	2.52	833.10	170.54
19204.000	815.00	.00	.00	150.68	1036.00	155.42	.00	155.45	17.74	2.52	1066.26	245.96
19204.000	815.00	.00	.00	150.68	1945.00	157.90	.00	157.92	7.65	2.23	2177.62	703.27
20004.000	800.00	.00	.00	152.68	378.00	155.97	.00	156.00	24.85	2.28	454.11	75.83
20004.000	800.00	.00	.00	152.68	790.00	156.79	.00	156.82	27.61	2.83	740.61	150.35
20004.000	800.00	.00	.00	152.68	1036.00	157.17	.00	157.21	27.89	3.04	893.14	196.16
20004.000	800.00	.00	.00	152.68	1945.00	158.82	.00	158.86	19.44	3.16	1601.45	441.19
20854.000	850.00	.00	.00	151.54	378.00	157.40	.00	157.43	12.21	2.03	595.44	108.18
20854.000	850.00	.00	.00	151.54	790.00	158.52	.00	158.55	15.69	2.61	975.49	199.46
20854.000	850.00	.00	.00	151.54	1036.00	159.01	.00	159.05	17.21	2.87	1157.95	249.70
20854.000	850.00	.00	.00	151.54	1945.00	160.49	.00	160.54	19.99	3.51	1753.68	434.99
21859.000	1005.00	.00	.00	154.85	378.00	159.48	.00	159.53	43.11	3.08	356.42	57.57
21859.000	1005.00	.00	.00	154.85	790.00	160.79	.00	160.85	35.83	3.38	648.46	131.98
21859.000	1005.00	.00	.00	154.85	1036.00	161.38	.00	161.43	34.62	3.56	791.80	176.06
21859.000	1005.00	.00	.00	154.85	1945.00	163.06	.00	163.13	34.27	4.18	1231.69	332.24
22248.000	389.00	.00	.00	155.28	378.00	160.30	.00	160.35	12.22	1.75	238.98	108.14
22248.000	389.00	.00	.00	155.28	790.00	161.75	.00	161.84	18.53	2.51	388.41	183.54
22248.000	389.00	.00	.00	155.28	1036.00	162.41	.00	162.52	21.84	2.83	472.57	221.67
22248.000	389.00	.00	.00	155.28	1945.00	164.20	.00	164.38	27.58	3.64	767.26	370.35
22708.000	460.00	.00	.00	155.80	378.00	161.05	.00	161.22	27.61	3.27	115.44	71.94
22708.000	460.00	.00	.00	155.80	790.00	162.86	.00	163.26	44.90	5.09	155.27	117.90
22708.000	460.00	.00	.00	155.80	1036.00	163.68	.00	164.24	53.43	5.97	173.40	141.73
22708.000	460.00	.00	.00	155.80	1945.00	165.75	.00	166.98	86.63	8.89	218.88	208.97
22709.000	1.00	167.64	186.40	155.80	378.00	161.03	.00	161.24	14.87	3.60	104.92	98.04
22709.000	1.00	167.64	186.40	155.80	790.00	162.82	.00	163.31	24.59	5.63	140.40	159.32
22709.000	1.00	167.64	186.40	155.80	1036.00	163.62	.00	164.30	29.42	6.62	156.55	191.01
22709.000	1.00	167.64	186.40	155.80	1945.00	165.23	.00	167.52	241.66	12.14	160.16	125.12
22751.000	42.00	167.64	186.40	155.80	378.00	161.10	.00	161.30	14.33	3.56	106.08	99.86
22751.000	42.00	167.64	186.40	155.80	790.00	162.94	.00	163.41	23.21	5.53	142.84	163.96
22751.000	42.00	167.64	186.40	155.80	1036.00	163.78	.00	164.43	27.44	6.48	159.86	197.79
22751.000	42.00	167.64	186.40	155.80	1945.00	166.25	.00	168.54	241.36	12.14	160.22	125.19
22752.000	1.00	.00	.00	155.81	378.00	161.15	.00	161.31	26.04	3.22	117.48	74.07
22752.000	1.00	.00	.00	155.81	790.00	163.06	.00	163.45	40.97	4.95	159.59	123.42
22752.000	1.00	.00	.00	155.81	1036.00	163.96	.00	164.47	47.88	5.78	179.20	149.72
22752.000	1.00	.00	.00	155.81	1945.00	169.15	.00	169.21	5.96	2.83	1996.35	796.66

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CARSEL	CR1WS	EG	10K*5	VCH	AREA	.01K
22867.000	115.00	.00	.00	156.64	378.00	161.51	.00	161.56	13.87	1.83	226.31	101.49
22867.000	115.00	.00	.00	156.64	790.00	163.72	.00	163.78	13.02	2.78	466.57	218.95
22867.000	115.00	.00	.00	156.64	1036.00	164.79	.00	164.86	12.41	2.25	629.43	294.08
22867.300	115.00	.00	.00	156.64	1945.00	169.22	.00	169.27	5.01	2.09	1713.89	868.95
23310.000	443.00	.00	.00	159.86	378.00	162.79	.00	163.35	275.05	6.02	62.84	22.79
23310.000	443.00	.00	.00	159.86	790.00	164.72	163.41	165.42	190.94	6.86	153.99	57.17
23310.000	443.00	.00	.00	159.86	1036.00	165.76	.00	166.20	109.11	5.97	353.60	99.18
23310.000	443.00	.00	.00	159.86	1945.00	169.58	.00	169.68	19.49	3.59	1372.95	440.60
23764.000	454.00	.00	.00	164.28	378.00	169.96	.00	170.62	103.40	6.52	57.99	37.17
23764.000	454.00	.00	.00	164.28	790.00	172.07	.00	173.58	153.46	9.85	80.17	63.77
23764.000	454.00	.00	.00	164.28	1036.00	172.05	.00	174.65	266.49	12.96	79.94	63.46
* 23764.000	454.00	.00	.00	164.28	1945.00	175.23	175.23	175.24	4.55	2.14	3705.38	912.29
* 23841.000	77.00	175.01	168.29	164.29	378.00	175.22	.00	175.22	.20	.30	3660.10	854.37
* 23841.000	77.00	175.01	168.29	164.29	790.00	175.59	.00	175.59	.73	.60	3877.46	922.23
* 23841.000	77.00	175.01	168.29	164.29	1036.00	175.73	.00	175.73	1.19	.78	3958.36	947.81
* 23841.000	77.00	175.01	168.29	164.29	1945.00	176.21	.00	176.21	3.50	1.37	4245.74	1040.00
24142.000	301.00	.00	.00	166.84	378.00	175.22	.00	175.23	.55	.62	2254.00	507.53
24142.000	301.00	.00	.00	166.84	790.00	175.62	.00	175.63	1.98	1.21	2545.93	561.81
24142.000	301.00	.00	.00	166.84	1036.00	175.78	.00	175.79	3.15	1.55	2621.87	583.57
24142.000	301.00	.00	.00	166.84	1945.00	176.36	.00	176.37	8.44	2.65	2916.87	669.54

## Beaverdam Creek Da

## SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5718.900	800.00	136.69	.00	.00	-33.31	50.95	.00
5718.900	1571.00	139.54	2.84	.00	-30.46	571.75	.00
5718.900	2015.00	140.41	.87	.00	-29.59	643.95	.00
5718.900	3589.00	142.54	2.13	.00	-27.46	860.18	.00
6758.900	800.00	137.92	.00	1.23	.00	53.76	1040.00
6758.900	1571.00	140.91	2.98	1.37	.00	69.32	1040.00
6758.900	2015.00	141.84	.94	1.44	.00	69.32	1040.00
6758.900	3589.00	143.77	1.93	1.23	.00	964.42	1040.00
6759.900	800.00	137.92	.00	.00	.00	54.03	1.00
6759.900	1571.00	140.90	2.98	-.01	.00	66.00	1.00
6759.900	2015.00	141.82	.93	-.02	.00	69.32	1.00
6759.900	3589.00	143.50	1.68	-.27	.00	940.90	1.00
6785.200	800.00	137.93	.00	.01	.00	54.08	25.30
6785.200	1571.00	140.92	2.98	.02	.00	66.09	25.30
6785.200	2015.00	141.88	.96	.06	.00	69.32	25.30
6785.200	3589.00	143.69	1.81	.19	.00	965.25	25.30
6786.200	800.00	137.94	.00	.01	.00	53.74	1.00
6786.200	1571.00	140.95	3.01	.03	.00	69.32	1.00
6786.200	2015.00	141.94	.99	.06	.00	69.32	1.00
6786.200	3589.00	144.41	2.48	.72	.00	1014.35	1.00
7325.000	800.00	139.24	.00	1.30	.00	384.81	538.75
7325.000	1571.00	141.91	2.67	.96	.00	444.29	538.75
7325.000	2015.00	142.92	1.00	.98	.00	474.30	538.75
7325.000	3589.00	144.99	2.08	.58	.00	561.64	538.75
8039.000	800.00	140.21	.00	.97	.00	56.50	714.00
8039.000	1571.00	142.66	2.45	.74	.00	56.50	714.00
8039.000	2015.00	143.67	1.01	.75	.00	56.50	714.00
8039.000	3589.00	145.95	2.29	.96	.00	56.50	714.00
8260.000	800.00	140.21	.00	.00	.00	56.50	221.00
8260.000	1571.00	142.67	2.45	.01	.00	56.50	221.00
8260.000	2015.00	143.68	1.01	.01	.00	56.50	221.00
8260.000	3589.00	145.99	2.31	.04	.00	56.50	221.00
8711.000	800.00	141.79	.00	1.57	.00	528.24	451.00
8711.000	1571.00	143.79	2.01	1.12	.00	859.71	451.00
8711.000	2015.00	144.76	.97	1.08	.00	881.08	451.00
8711.000	3589.00	147.34	2.57	1.35	.00	936.54	451.00

SECNO	D	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
8800.000	800.00	142.03	.00	.24	.00	357.66	89.00
8800.000	1571.00	143.90	1.87	.11	.00	554.42	89.00
8800.000	2015.00	144.84	.95	.08	.00	617.79	89.00
8800.000	3589.00	147.39	2.55	.05	.00	759.64	89.00
9625.000	800.00	142.84	.00	.81	.00	446.77	825.00
9625.000	1571.00	144.57	1.73	.67	.00	509.13	825.00
9625.000	2015.00	145.44	.87	.59	.00	526.72	825.00
9625.000	3589.00	147.90	2.46	.51	.00	589.20	825.00
10550.000	800.00	143.53	.00	.69	.00	524.28	925.00
10550.000	1571.00	145.17	1.64	.60	.00	575.71	925.00
10550.000	2015.00	146.00	.83	.56	.00	604.88	925.00
10550.000	3589.00	148.40	2.40	.50	.00	660.04	925.00
11493.000	800.00	144.35	.00	.83	.00	32.00	943.50
11493.000	1571.00	146.21	1.86	1.05	.00	32.00	943.50
11493.000	2015.00	147.07	.85	1.07	.00	32.00	943.50
11493.000	3589.00	148.85	1.78	.44	.00	1251.64	943.50
11545.000	800.00	144.35	.00	.00	.00	32.00	52.00
11545.000	1571.00	146.63	2.28	.41	.00	32.00	52.00
11545.000	2015.00	148.04	1.41	.97	.00	1151.51	52.00
11545.000	3589.00	149.02	.98	.17	.00	1274.03	52.00
12109.000	800.00	144.81	.00	.46	.00	653.56	564.00
12109.000	1571.00	147.32	2.50	.69	.00	942.20	564.00
12109.000	2015.00	148.13	.81	.09	.00	970.75	564.00
12109.000	3589.00	149.21	1.08	.19	.00	1027.06	564.00
12325.000	800.00	144.90	.00	.08	.00	515.06	215.50
12325.000	1571.00	147.43	2.53	.11	.00	738.03	215.50
12325.000	2015.00	148.24	.81	.12	.00	801.10	215.50
12325.000	3589.00	149.42	1.17	.21	.00	830.39	215.50
13045.000	800.00	146.53	.00	1.64	.00	631.18	720.00
13045.000	1571.00	148.24	1.71	.81	.00	744.26	720.00
13045.000	2015.00	149.01	.76	.76	.00	791.88	720.00
13045.000	3589.00	150.49	1.48	1.08	.00	856.78	720.00
14113.000	800.00	147.48	.00	.95	.00	524.15	1068.00
14113.000	1571.00	149.03	1.55	.79	.00	649.82	1068.00
14113.000	2015.00	149.76	.73	.75	.00	712.54	1068.00
14113.000	3589.00	151.41	1.66	.92	.00	794.74	1068.00
14969.000	800.00	148.52	.00	1.04	.00	24.00	856.00
14969.000	1571.00	150.18	1.66	1.15	.00	24.00	856.00
14969.000	2015.00	150.86	.68	1.10	.00	24.00	856.00
14969.000	3589.00	152.41	1.55	1.00	.00	24.00	856.00

SECNO	Q	CASEL	QIFWSP	DIFWSX	DIFKWS	TOPUJD	XLCH
14970.000	800.00	148.52	.00	.00	.00	24.00	1.00
14970.000	1571.00	150.13	1.60	-.05	.00	24.00	1.00
14970.000	2015.00	150.72	-.60	-.14	.00	24.00	1.00
14970.000	3589.00	151.69	.97	-.72	.00	24.00	1.00
15008.000	800.00	148.55	.00	.02	.00	24.00	38.00
15008.000	1571.00	150.30	1.75	.17	.00	24.00	38.00
15008.000	2015.00	151.01	.71	.29	.00	24.00	38.00
15008.000	3589.00	154.43	3.42	2.74	.00	872.34	38.00
15009.000	800.00	148.55	.00	.00	.00	24.00	1.00
15009.000	1571.00	150.48	1.94	.18	.00	24.00	1.00
15009.000	2015.00	151.49	1.00	.48	.00	24.00	1.00
15009.000	3589.00	156.45	4.96	2.01	.00	1247.45	1.00
15349.000	800.00	149.36	.00	.81	.00	579.07	340.00
15349.000	1571.00	151.60	2.25	1.12	.00	660.36	340.00
15349.000	2015.00	152.81	1.21	1.32	.00	715.94	340.00
15349.000	3589.00	156.47	3.67	.02	.00	874.04	340.00
16099.000	800.00	150.46	.00	1.10	.00	661.44	750.00
16099.000	1571.00	152.19	1.73	.59	.00	703.78	750.00
16099.000	2015.00	153.25	1.06	.45	.00	725.07	750.00
16099.000	3589.00	156.73	3.47	.26	.00	832.30	750.00
16634.000	800.00	150.91	.00	.46	.00	484.86	535.00
16634.000	1571.00	152.60	1.68	.41	.00	534.86	535.00
16634.000	2015.00	153.60	1.00	.35	.00	564.24	535.00
16634.000	3589.00	156.95	3.35	.22	.00	651.68	535.00
17329.000	378.00	151.29	.00	.37	.00	423.08	695.00
17329.000	790.00	152.94	1.66	.35	.00	457.10	695.00
17329.000	1036.00	153.91	.96	.30	.00	472.49	695.00
17329.000	1945.00	157.16	3.25	.21	.00	634.80	695.00
17854.000	378.00	151.70	.00	.42	.00	478.60	525.00
17854.000	790.00	153.21	1.51	.27	.00	561.24	525.00
17854.000	1036.00	154.12	.90	.21	.00	599.00	525.00
17854.000	1945.00	157.27	3.16	.12	.00	691.84	525.00
18389.000	378.00	152.53	.00	.82	.00	349.50	535.00
18389.000	790.00	153.75	1.23	.54	.00	374.06	535.00
18389.000	1036.00	154.52	.77	.41	.00	389.48	535.00
18389.000	1945.00	157.47	2.94	.19	.00	463.04	535.00
19204.000	378.00	153.87	.00	1.34	.00	363.64	815.00
19204.000	790.00	154.85	.98	1.10	.00	398.45	815.00
19204.000	1036.00	155.42	.57	.90	.00	413.67	815.00
19204.000	1945.00	157.90	2.48	.44	.00	482.52	815.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
20004.000	378.00	155.97	.00	2.10	.00	331.41	800.00
20004.000	790.00	156.79	.81	1.94	.00	372.12	800.00
20004.000	1036.00	157.17	.39	1.75	.00	391.13	800.00
20004.000	1945.00	158.82	1.65	.91	.00	483.07	800.00
20854.000	378.00	157.40	.00	1.43	.00	321.20	850.00
20854.000	790.00	158.52	1.11	1.73	.00	361.85	850.00
20854.000	1036.00	159.01	.49	1.83	.00	378.01	850.00
20854.000	1945.00	160.49	1.48	1.67	.00	429.47	850.00
21859.000	378.00	159.48	.00	2.08	.00	205.85	1005.00
21859.000	790.00	160.79	1.31	2.28	.00	236.91	1005.00
21859.000	1036.00	161.38	.59	2.37	.00	247.71	1005.00
21859.000	1945.00	163.06	1.68	2.58	.00	275.95	1005.00
22248.000	378.00	160.30	.00	.82	.00	86.10	389.00
22248.000	790.00	161.75	1.45	.95	.00	120.54	389.00
22248.000	1036.00	162.41	.66	1.03	.00	138.20	389.00
22248.000	1945.00	164.20	1.79	1.14	.00	192.26	389.00
22708.000	378.00	161.05	.00	1.75	.00	22.00	460.00
22708.000	790.00	162.86	1.81	1.11	.00	22.00	460.00
22708.000	1036.00	163.68	.82	1.27	.00	22.00	460.00
22708.000	1945.00	165.75	2.07	1.55	.00	22.00	460.00
22709.000	378.00	161.03	.00	-.02	.00	22.00	1.00
22709.000	790.00	162.82	1.78	-.04	.00	22.00	1.00
22709.000	1036.00	163.62	.81	-.06	.00	22.00	1.00
22709.000	1945.00	165.23	1.61	-.52	.00	22.00	1.00
22751.000	378.00	161.10	.00	.07	.00	22.00	42.00
22751.000	790.00	162.94	1.84	.12	.00	22.00	42.00
22751.000	1036.00	163.78	.84	.16	.00	22.00	42.00
22751.000	1945.00	166.25	2.47	1.02	.00	22.00	42.00
22752.000	378.00	161.15	.00	.05	.00	22.00	1.00
22752.000	790.00	163.06	1.91	.13	.00	22.00	1.00
22752.000	1036.00	163.96	.89	.18	.00	22.00	1.00
22752.000	1945.00	169.15	5.19	2.90	.00	402.17	1.00
22867.000	378.00	161.51	.00	.36	.00	82.66	115.00
22867.000	790.00	163.72	2.21	.65	.00	137.01	115.00
22867.000	1036.00	164.79	1.07	.84	.00	166.17	115.00
22867.000	1945.00	169.22	4.43	.07	.00	342.15	115.00
23310.000	378.00	162.79	.00	1.28	.00	23.47	443.00
23310.000	790.00	164.72	1.94	1.01	.00	159.12	443.00
23310.000	1036.00	165.76	1.04	.97	.00	223.75	443.00
23310.000	1945.00	169.58	3.82	.36	.00	302.46	443.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
23764.000	378.00	169.96	.00	7.17	.00	10.50	454.00
23764.000	790.00	172.07	2.11	7.34	.00	10.50	454.00
23764.000	1036.00	172.05	-.02	6.28	.00	10.50	454.00
* 23764.000	1945.00	175.23	3.19	5.65	.00	574.79	454.00
* 23841.000	378.00	175.22	.00	5.26	.00	574.04	77.00
* 23841.000	790.00	175.59	.37	3.52	.00	584.55	77.00
* 23841.000	1036.00	175.73	.14	3.68	.00	588.41	77.00
* 23841.000	1945.00	176.21	.48	.97	.00	601.93	77.00
24142.000	378.00	175.22	.00	.01	.00	474.97	301.00
24142.000	790.00	175.62	.40	.03	.00	490.86	301.00
24142.000	1036.00	175.78	.16	.05	.00	497.01	301.00
24142.000	1945.00	176.36	.58	.15	.00	520.21	301.00



J2-1. 1.0  
J3150.

QT1.0 37900.  
NCO.15 0.15 0.10 0.1 0.3  
T1 Hayes, Seay, Mattern & Mattern Sampson Co. NC FIS  
T2 Filename:BD.hec Eng:SKE ET:CB/TFH Comm. No. 2353E  
T3 Beaverdam Creek Date: 7/30/88 10-Year Event  
J1 6.0 0.004671 355.

J21. -1.0  
J338. 39. 1. 42. 53. 27. 21. 22. 28. 54.  
J34.

X16522.376. 4972. 5028. 6522.35 6522.35 6522.35  
GR149.5 3878.6 153.35 4008.6 157.5 4149. 157.17 4166.6 156.1 4224.6  
GR155.5 4257. 153.5 4277. 151.5 4287. 149.5 4315. 147.93 4489.6  
GR147.5 4537. 145.5 4547. 143.5 4565. 141.5 4705. 139.5 4745.  
GR138.274930.6 138.27 4931. 137.5 4948. 137.84 4958.78 137.84 4958.79  
GR137.844958.8 137.84 4958.8 137.84 4958.81 138.26 4972. 137.37 4973.  
GR135.954976.2 135.95 4976.21 135.73 4976.7 135.55 4977.1 135.5 4977.2  
GR135.494977.21 129.79 4988.6 128.55 4992.8 128.55 4992.81 128.29 4993.7  
GR128.294993.8 128.29 4993.81 128.15 5000. 128.09 5002.5 125.32 5009.7  
GR125.315009.71 124.97 5010.6 125.05 5010.7 125.06 5010.71 131.29 5018.5  
GR136.755025.8 136.75 5025.81 137.42 5026.7 137.47 5026.8 137.48 5026.81  
GR138.135028. 138.15 5028.08 138.16 5028.09 138.16 5028.09 138.16 5028.1  
GR138.165028.11 138.37 5028.8 138.22 5057.6 137.5 5194. 137.71 5207.6  
GR139.5 5324. 140.29 5369.6 141.5 5439. 142.54 5501.6 143.5 5559.  
GR144.275591.6 145.5 5644. 147.5 5860. 147.5 5948. 147.5 5986.  
GR149.5 6034. 151.5 6069. 153.5 6095. 155.5 6197. 156.82 6480.6  
GR157.5 6627. 0. 0. 0. 0. 0. 0. 0. 0.

NC 0.3 0.5  
X16746.376. 4958.8 5028.1 224. 224. 224.

X310. 143.24 143.31  
GR150. 3878.6 153.85 4008.6 158. 4149. 157.67 4166.6 156.6 4224.6  
GR156. 4257. 154. 4277. 152. 4287. 150. 4315. 148.43 4489.6  
GR148. 4537. 146. 4547. 144. 4565. 142. 4705. 140. 4745.  
GR138.774930.6 138.77 4931. 138. 4948. 138.34 4958.78 138.34 4958.79  
GR138.344958.8 138.34 4958.8 138.34 4958.81 138.76 4972. 137.87 4973.  
GR136.454976.2 136.45 4976.21 136.23 4976.7 136.05 4977.1 136. 4977.2  
GR135.994977.21 130.29 4988.6 129.05 4992.8 129.05 4992.81 128.79 4993.7  
GR128.794993.8 128.79 4993.81 128.65 5000. 128.59 5002.5 125.82 5009.7  
GR125.815009.71 125.47 5010.6 125.55 5010.7 125.56 5010.71 131.79 5018.5  
GR137.255025.8 137.25 5025.81 137.92 5026.7 137.97 5026.8 137.98 5026.81  
GR138.635028. 138.65 5028.08 138.66 5028.09 138.66 5028.09 138.66 5028.1  
GR138.665028.11 138.87 5028.8 138.72 5057.6 138. 5194. 138.21 5207.6  
GR140. 5324. 140.79 5369.6 142. 5439. 143.04 5501.6 144. 5559.  
GR144.775591.6 146. 5644. 148. 5860. 148. 5948. 148. 5986.  
GR150. 6034. 152. 6069. 154. 6095. 156. 6197. 157.32 6480.6  
GR158. 6627. 0. 0. 0. 0. 0. 0. 0. 0.

X16747.376. 4958.8 5028.1 1. 1. 1. 143.24 143.31

X310. 143.24 143.31  
BT-76. 3878.6 150. 149.91 4008.6 153.86 153.76 4149. 158.01 157.91  
BT 4166.6 157.68 157.58 4224.6 156.61 156.51 4257. 156.01 155.91  
BT 4277. 154.01 153.91 4287. 152.01 151.91 4315. 150.01 149.91  
BT 4489.6 148.44 148.34 4537. 148.01 147.91 4547. 146.01 145.91  
BT 4565. 144.01 143.91 4705. 143.69 141.91 4745. 143.63 139.91  
BT 4930.6 143.36 138.68 4931. 143.36 138.68 4948. 143.29 137.91  
BT 4958.78 143.24 138.25 4958.79 145.94 138.25 4958.8 145.94 138.25  
BT 4958.8 145.94 138.25 4958.81 145.94 141.65 4972. 145.91 141.62  
BT 4973. 145.91 141.62 4976.2 145.9 141.61 4976.21 145.9 136.36  
BT 4976.7 145.9 136.14 4977.1 145.9 135.96 4977.2 145.9 135.91  
BT 4977.21 145.9 141.61 4988.6 145.93 141.64 4992.8 145.93 141.64  
BT 4992.81 145.93 128.96 4993.7 145.94 128.7 4993.8 145.94 128.7  
BT 4993.81 145.94 141.65 5000. 145.95 141.66 5002.5 145.96 141.67

BT	5009.7	145.97	141.68	5009.71	145.97	125.72	5010.6	141.72	125.38
BT	5010.7	145.97	125.46	5010.71	145.97	141.68	5018.5	146.01	141.7
BT	5025.8	146.01	141.72	5025.81	146.01	137.16	5026.7	146.01	137.83
BT	5026.8	146.01	137.88	5026.81	146.01	141.72	5028.	146.01	141.72
BT	5028.08	146.01	141.72	5028.09	146.01	141.72	5028.09	146.01	141.72
BT	5028.1	143.31	138.57	5028.11	143.31	138.57	5028.8	143.31	138.78
BT	5057.6	143.37	138.63	5194.	143.94	137.91	5207.6	144.	138.12
BT	5324.	145.44	139.91	5369.6	146.	140.7	5439.	147.05	141.91
BT	5501.6	148.	142.95	5559.	149.28	143.91	5591.6	150.	144.68
BT	5644.	150.44	145.91	5860.	152.26	147.91	5948.	153.01	147.91
BT	5986.	153.33	147.91	6034.	153.73	149.91	6069.	154.03	151.91
BT	6095.	154.25	153.91	6197.	156.01	155.91	6480.6	157.5	157.23
BT	6627.		157.91	0.	0.	0.	0.	0.	0.
GR149.913878.			4008.6	157.91	4149.	157.58	4166.6	156.51	4224.6
GR155.914257.			4277.	151.91	4287.	149.91	4315.	148.34	4489.6
GR147.914537.	145.91		4547.	143.91	4565.	141.91	4705.	139.91	4745.
GR138.684930.6	138.68		4931.	137.91	4948.	138.25	4958.78	138.25	4958.79
GR138.254958.8	138.25		4958.8	141.65	4958.81	138.67	4972.	137.78	4973.
GR136.364976.2	136.36		4976.21	136.14	4976.7	135.96	4977.1	135.91	4977.2
GR135.9 4977.21	130.2		4988.6	128.96	4992.8	128.96	4992.81	128.7	4993.7
GR128.7 4993.8	128.7		4993.81	128.56	5000.	128.5	5002.5	125.73	5009.7
GR125.725009.71	125.38		5010.6	125.46	5010.7	125.47	5010.71	131.7	5018.5
GR137.165025.8	137.16		5025.81	137.83	5026.7	137.88	5026.8	137.89	5026.81
GR138.545028.	138.56		5028.08	141.72	5028.09	138.57	5028.09	138.57	5028.1
GR138.575028.11	138.78		5028.8	138.63	5057.6	137.91	5194.	138.12	5207.6
GR139.915324.	140.7		5369.6	141.91	5439.	142.95	5501.6	143.91	5559.
GR144.685591.6	145.91		5644.	147.91	5860.	147.91	5948.	147.91	5986.
GR149.916034.	151.91		6069.	153.91	6095.	155.91	6197.	157.23	6480.6
GR157.916627.	0.		0.	0.	0.	0.	0.	0.	0.
X16772.676.	4958.8		5028.1	25.3	25.3	25.3			
X310.							143.24	143.31	
BT-76.	3878.6	150.02	150.	4008.6	153.86	153.85	4149.	158.01	158.
BT	4166.6	157.68	157.67	4224.6	156.61	156.6	4257.	156.01	156.
BT	4277.	154.01	154.	4287.	152.01	152.	4315.	150.01	150.
BT	4489.6	148.44	148.43	4537.	148.01	148.	4547.	146.01	146.
BT	4565.	144.01	144.	4705.	143.69	142.	4745.	143.63	140.
BT	4930.6	143.36	138.77	4931.	143.36	138.77	4948.	143.29	138.
BT	4958.78	143.24	138.34	4958.79	145.94	138.34	4958.8	145.94	138.34
BT	4958.8	145.94	138.34	4958.81	145.94	141.74	4972.	145.91	141.71
BT	4973.	145.91	141.71	4976.2	145.9	141.7	4976.21	145.9	136.45
BT	4976.7	145.9	136.23	4977.1	145.9	136.05	4977.2	145.9	136.
BT	4977.21	145.9	141.7	4988.6	145.93	141.73	4992.8	145.93	141.73
BT	4992.81	145.93	129.05	4993.7	145.94	128.79	4993.8	145.94	128.79
BT	4993.81	145.94	141.74	5000.	145.95	141.75	5002.5	145.96	141.76
BT	5009.7	145.97	141.77	5009.71	145.97	125.81	5010.6	145.97	125.47
BT	5010.7	145.97	125.55	5010.71	145.97	141.77	5018.5	145.99	141.79
BT	5025.8	146.01	141.81	5025.81	146.01	137.25	5026.7	146.01	137.92
BT	5026.8	146.01	137.97	5026.81	146.01	141.81	5028.	146.01	141.81
BT	5028.08	146.01	141.81	5028.09	146.01	141.81	5028.09	146.01	141.81
BT	5028.1	143.31	138.66	5028.11	143.31	138.66	5028.8	143.31	138.87
BT	5057.6	143.37	138.72	5194.	143.94	138.	5207.6	144.	138.21
BT	5324.	145.44	140.	5369.6	146.	140.79	5439.	147.05	142.
BT	5501.6	148.	143.04	5559.	149.28	144.	5591.6	150.	144.77
BT	5644.	150.44	146.	5860.	152.26	148.	5948.	153.01	148.
BT	5986.	153.33	148.	6034.	153.73	150.	6069.	154.03	152.
BT	6095.	154.25	154.	6197.	156.01	156.	6480.6	157.5	157.32
BT	6627.	158.02	158.	0.	0.	0.	0.	0.	0.
GR150.	3878.6	153.85	4008.6	158.	4149.	157.67	4166.6	156.6	4224.6
GR156.	4257.	154.	4277.	152.	4287.	150.	4315.	148.43	4489.6
GR148.	4537.	146.	4547.	144.	4565.	142.	4705.	140.	4745.
GR138.774930.6	138.77		4931.	138.	4948.	138.34	4958.78	138.34	4958.79
GR138.344958.8	138.34		4958.8	141.74	4958.81	138.76	4972.	137.87	4973.

GR136.454976.2	136.45	4976.21	136.23	4976.7	136.05	4977.1	13	4977.2
GR135.994977.21	130.29	4988.6	129.05	4992.8	129.05	4992.81	12	4993.7
GR128.794993.8	128.79	4993.81	128.65	5000.	128.59	5002.5	125.82	5009.7
GR125.815009.71	125.47	5010.6	125.55	5010.7	125.56	5010.71	131.79	5018.5
GR137.255025.8	137.25	5025.81	137.92	5026.7	137.97	5026.8	137.98	5026.81
GR138.635028.	138.65	5028.08	141.81	5028.09	138.66	5028.09	138.66	5028.1
GR138.665028.11	138.87	5028.8	138.72	5057.6	138.	5194.	138.21	5207.6
GR140.5324.	140.79	5369.6	142.	5439.	143.04	5501.6	144.	5559.
GR144.775591.6	146.	5644.	148.	5860.	148.	5948.	148.	5986.
GR150.6034.	152.	6069.	154.	6095.	156.	6197.	157.32	6480.6
GR158.6627.	0.	0.	0.	0.	0.	0.	0.	0.
X16773.676.	4958.8	5028.1	1.	1.	1.			
X310.						143.24	143.31	
GR150.023878.6	153.87	4008.6	158.02	4149.	157.69	4166.6	156.62	4224.6
GR156.024257.	154.02	4277.	152.02	4287.	150.02	4315.	148.45	4489.6
GR148.024537.	146.02	4547.	144.02	4565.	142.02	4705.	140.02	4745.
GR138.794930.6	138.79	4931.	138.02	4948.	138.36	4958.78	138.36	4958.79
GR138.364958.8	138.36	4958.8	138.36	4958.81	138.78	4972.	137.89	4973.
GR136.474976.2	136.47	4976.21	136.25	4976.7	136.07	4977.1	136.02	4977.2
GR136.014977.21	130.31	4988.6	129.07	4992.8	129.07	4992.81	128.81	4993.7
GR128.814993.8	128.81	4993.81	128.67	5000.	128.61	5002.5	125.84	5009.7
GR125.835009.71	125.49	5010.6	125.57	5010.7	125.58	5010.71	131.81	5018.5
GR137.275025.8	137.27	5025.81	137.94	5026.7	137.99	5026.8	138.	5026.81
GR138.655028.	138.67	5028.08	138.68	5028.09	138.68	5028.09	138.68	5028.1
GR138.685028.11	138.89	5028.8	138.74	5057.6	138.02	5194.	138.23	5207.6
GR140.725324.	140.81	5369.6	142.02	5439.	143.06	5501.6	144.02	5559.
GR144.795591.6	146.02	5644.	148.02	5860.	148.02	5948.	148.02	5986.
GR150.026034.	152.02	6069.	154.02	6095.	156.02	6197.	157.34	6480.6
GR158.026627.	0.	0.	0.	0.	0.	0.	0.	0.
X16829.576.	4972.	5028.	56.	56.	56.			
GR151.13878.6	154.95	4008.6	159.1	4149.	158.77	4166.6	157.7	4224.6
GR157.14257.	155.1	4277.	153.1	4287.	151.1	4315.	149.53	4489.6
GR149.14537.	147.1	4547.	145.1	4565.	143.1	4705.	141.1	4745.
GR139.874930.6	139.87	4931.	139.1	4948.	139.44	4958.78	139.44	4958.79
GR139.444958.8	139.44	4958.8	139.44	4958.81	139.86	4972.	138.97	4973.
GR137.554976.2	137.55	4976.21	137.33	4976.7	137.15	4977.1	137.1	4977.2
GR137.094977.21	131.39	4988.6	130.15	4992.8	130.15	4992.81	129.89	4993.7
GR129.894993.8	129.89	4993.81	129.75	5000.	129.69	5002.5	126.92	5009.7
GR126.915009.71	126.57	5010.6	126.65	5010.7	126.66	5010.71	132.89	5018.5
GR138.355025.8	138.35	5025.81	139.02	5026.7	139.07	5026.8	139.08	5026.81
GR139.735028.	139.75	5028.08	139.76	5028.09	139.76	5028.09	139.76	5028.1
GR139.765028.11	139.97	5028.8	139.82	5057.6	139.1	5194.	139.31	5207.6
GR141.15324.	141.89	5369.6	143.1	5439.	144.14	5501.6	145.1	5559.
GR145.875591.6	147.1	5644.	149.1	5860.	149.1	5948.	149.1	5986.
GR151.16034.	153.1	6069.	155.1	6095.	157.1	6197.	158.42	6480.6
GR159.16627.	0.	0.	0.	0.	0.	0.	0.	0.
NC		0.1	0.3					
X17325.32.	4985.	5015.	495.35	495.35	495.35			
GR160.4502.	158.	4532.	156.	4622.	154.	4634.	153.7	4654.
GR152.84714.	152.	4766.	150.8	4791.	150.	4816.	148.	4839.
GR146.4847.	144.	4865.	142.	4877.	140.	4887.	138.2	4917.
GR138.4935.	137.6	4985.	137.	4988.	136.58	4995.	136.16	4999.99
GR136.165000.	136.6	5005.	137.3	5010.	137.6	5015.	137.9	5258.
GR138.5267.	140.	5295.	142.	5323.	144.	5373.	143.2	5438.
GR150.5463.	160.	5481.	0.	0.	0.	0.	0.	0.
X19625.36.	4981.	5019.	2300.	2300.	2300.			
GR160.4670.	158.	4675.	156.	4684.	154.	4693.	152.	4703.
GR150.4713.	148.	4719.	146.	4728.	144.	4737.	142.	4745.
GR141.4752.	140.1	4921.	134.85	4981.	134.14	4983.	133.19	4988.
GR132.574998.	132.69	5000.	133.22	5009.	134.	5016.	134.14	5019.
GR135.345021.	134.69	5046.	141.	5096.	142.	5161.	144.	5226.
GR144.25238.	146.	5266.	148.	5311.	150.	5341.	150.3	5359.

GR152. 5401.	154.	5473.	155.3	5493.	156.	5523.	11	5578.
GR160. 5613.	0.	0.	0.	0.	0.	0.	0.	0.
X111348.60.	4883.	5876.	1723.5	1723.5	1723.5			
GR159.684327.	159.68	4395.	159.68	4503.	159.68	4575.	159.68	4650.
GR159.684722.	157.68	4732.	155.68	4743.	154.35	4755.	153.68	4761.
GR151.684773.	149.68	4788.	147.68	4838.	145.68	4883.	143.32	4943.5
GR142.314969.5	143.68	4983.	138.27	4983.5	138.11	4984.5	138.1	4984.51
GR137.284989.5	137.2	4990.	139.33	4994.49	139.33	4994.49	139.33	4994.5
GR139.284995.5	139.28	4995.51	139.07	5000.	139.04	5000.5	138.8	5005.49
GR138.8 5005.49	138.8	5005.5	138.88	5006.5	138.82	5006.51	139.25	5011.5
GR139.335012.5	139.35	5016.49	139.35	5016.5	139.49	5042.5	143.68	5828.
GR145.685876.	147.68	5984.	149.05	6121.	149.68	6184.	151.45	6246.
GR151.686254.	153.43	6324.	153.68	6334.	155.59	6396.	155.68	6399.
GR156.736478.	157.6	6543.	157.68	6549.	159.55	6605.	159.68	6609.
GR161.686669.	163.68	6714.	165.68	6784.	167.68	6849.	169.68	6924.
NC		0.3	0.5					
X111468.60.	4984.5	5016.5	120.	120.	120.			
X310.						148.39	147.96	
GR160. 4327.	160.	4395.	160.	4503.	160.	4575.	160.	4650.
GR160. 4722.	158.	4732.	156.	4743.	154.67	4755.	154.	4761.
GR152. 4773.	150.	4788.	148.	4838.	146.	4883.	143.64	4943.5
GR142.634969.5	144.	4983.	138.59	4983.5	138.43	4984.5	138.42	4984.51
GR137.6 4989.5	137.52	4990.	139.65	4994.49	139.65	4994.49	139.65	4994.5
GR139.6 4995.5	139.6	4995.51	139.39	5000.	139.36	5000.5	139.12	5005.49
GR139.125005.49	139.12	5005.5	139.2	5006.5	139.2	5006.51	139.57	5011.5
GR139.655012.5	139.67	5016.49	139.67	5016.5	139.81	5042.5	144.	5828.
GR146. 5876.	148.	5984.	149.37	6121.	150.	6184.	151.77	6246.
GR152. 6254.	153.75	6324.	154.	6334.	155.91	6396.	156.	6399.
GR157.056478.	157.92	6543.	158.	6549.	159.87	6605.	160.	6609.
GR162. 6669.	164.	6714.	166.	6784.	168.	6849.	170.	6924.
X111469.60.	4984.5	5016.5	1.	1.	1.			
X310.						148.39	147.96	
BT-60. 4327.	160.02	160.	4395.	160.01	160.	4503.	160.01	160.
BT 4575.	160.01	160.	4650.	160.01	160.	4722.	160.01	160.
BT 4732.	158.01	158.	4743.	156.01	156.	4755.	154.68	154.67
BT 4761.	154.01	154.	4773.	152.01	152.	4788.	150.01	150.
BT 4838.	148.96	148.	4883.	148.39	146.	4943.5	147.63	143.64
BT 4969.5	147.69	142.63	4983.	147.71	144.	4983.5	147.71	138.59
BT 4984.5	147.72	137.52	4984.51	147.72	147.52	4989.5	147.73	147.52
BT 4990.	147.73	147.52	4994.49	147.74	147.52	4994.49	147.74	137.52
BT 4994.5	147.74	139.65	4995.5	147.74	137.67	4995.51	147.74	147.67
BT 5000.	147.75	147.67	5000.5	147.75	147.67	5005.49	147.76	147.67
BT 5005.49	147.76	137.67	5005.5	147.76	137.12	5006.5	147.76	137.53
BT 5006.51	147.76	147.53	5011.5	147.77	147.53	5012.5	147.78	147.53
BT 5016.49	147.78	147.53	5016.5	147.78	137.53	5042.5	147.84	139.81
BT 5828.	147.96	144.	5876.	147.96	146.	5984.	148.01	148.
BT 6121.	149.38	149.37	6184.	150.01	150.	6246.	151.78	151.77
BT 6254.	152.01	152.	6324.	153.76	153.75	6334.	154.01	154.
BT 6396.	155.92	155.91	6399.	156.01	156.	6478.	157.06	157.05
BT 6543.	158.	157.92	6549.	158.19	158.	6605.	160.	159.87
BT 6609.	160.02	160.	6669.	162.02	162.	6714.	164.02	164.
BT 6784.	166.02	166.	6849.	168.02	168.	6924.	170.02	170.
GR160. 4327.	160.	4395.	160.	4503.	160.	4575.	160.	4650.
GR160. 4722.	158.	4732.	156.	4743.	154.67	4755.	154.	4761.
GR152. 4773.	150.	4788.	148.	4838.	146.	4883.	143.64	4943.5
GR142.634969.5	144.	4983.	138.59	4983.5	137.52	4984.5	137.52	4984.51
GR137.524989.5	137.52	4990.	137.52	4994.49	137.52	4994.49	139.65	4994.5
GR137.674995.5	137.67	4995.51	137.67	5000.	137.67	5000.5	137.67	5005.49
GR137.675005.49	139.12	5005.5	137.53	5006.5	137.53	5006.51	137.53	5011.5
GR137.535012.5	137.53	5016.49	137.53	5016.5	139.81	5042.5	144.	5828.
GR146. 5876.	148.	5984.	149.37	6121.	150.	6184.	151.77	6246.
GR152. 6254.	153.75	6324.	154.	6334.	155.91	6396.	156.	6399.

GR157.056478.	157.92	6543.	158.	6549.	159.87	6605.	16.	6609.
GR162. 6669.	164.	6714.	166.	6784.	168.	6849.	170.	6924.
X111520.60.	4984.5	5016.5	51.	51.	51.			
X310.						148.39	147.96	
BT-60.	4327.	160.02	160.	4395.	160.01	160.	4503.	160.01
BT	4575.	160.01	160.	4650.	160.01	160.	4722.	160.01
BT	4732.	158.01	158.	4743.	156.01	156.	4755.	154.68
BT	4761.	154.01	154.	4773.	152.01	152.	4788.	150.01
BT	4838.	148.96	148.	4883.	148.39	146.	4943.5	147.63
BT	4969.5	147.69	142.63	4983.	147.71	144.	4983.5	147.71
BT	4984.5	147.72	137.52	4984.51	147.72	147.52	4989.5	147.73
BT	4990.	147.73	147.52	4994.49	147.74	147.52	4994.49	147.74
BT	4994.5	147.74	139.65	4995.5	147.74	137.67	4995.51	147.74
BT	5000.	147.75	147.67	5000.5	147.75	147.67	5005.49	147.76
BT	5005.49	147.76	137.67	5005.5	147.76	139.12	5006.5	147.76
BT	5006.51	147.76	147.53	5011.5	147.77	147.53	5012.5	147.78
BT	5016.49	147.78	147.53	5016.5	147.78	137.53	5042.5	147.84
BT	5828.	147.96	144.	5876.	147.96	146.	5984.	148.01
BT	6121.	149.38	149.37	6184.	150.01	150.	6246.	151.78
BT	6254.	152.01	152.	6324.	153.76	153.75	6334.	154.01
BT	6396.	155.92	155.91	6399.	156.01	156.	6478.	157.06
BT	6543.	158.	157.92	6549.	158.19	158.	6605.	160.
BT	6609.	160.02	160.	6669.	162.02	162.	6714.	164.02
BT	6784.	166.02	166.	6849.	168.02	168.	6924.	170.02
GR160.	4327.	160.	4395.	160.	4503.	160.	4575.	160.
GR160.	4722.	158.	4732.	156.	4743.	154.67	4755.	154.
GR152.	4773.	150.	4788.	148.	4838.	146.	4883.	143.64
GR142.634969.5	144.	4983.	138.59	4983.5	137.52	4984.5	137.52	4984.51
GR137.524989.5	137.52	4990.	137.52	4994.49	137.52	4994.49	139.65	4994.5
GR137.674995.5	137.67	4995.51	137.67	5000.	137.67	5000.5	137.67	5005.49
GR137.675005.49	139.12	5005.5	137.53	5006.5	137.53	5006.51	137.53	5011.5
GR137.535012.5	137.53	5016.49	137.53	5016.5	139.81	5042.5	144.	5828.
GR146. 5876.	148.	5984.	149.37	6121.	150.	6184.	151.77	6246.
GR152. 6254.	153.75	6324.	154.	6334.	155.91	6396.	156.	6399.
GR157.056478.	157.92	6543.	158.	6549.	159.87	6605.	160.	6609.
GR162. 6669.	164.	6714.	166.	6784.	168.	6849.	170.	6924.
X111521.60.	4984.5	5016.5	1.	1.	1.			
X310.						148.39	147.96	
GR160.	4327.	160.	4395.	160.	4503.	160.	4575.	160.
GR160.	4722.	158.	4732.	156.	4743.	154.67	4755.	154.
GR152.	4773.	150.	4788.	148.	4838.	146.	4883.	143.64
GR142.634969.5	144.	4983.	138.59	4983.5	138.43	4984.5	138.42	4984.51
GR137.6 4989.5	137.52	4990.	139.65	4994.49	139.65	4994.49	139.65	4994.5
GR139.6 4995.5	139.6	4995.51	139.39	5000.	139.36	5000.5	139.12	5005.49
GR139.125005.49	139.12	5005.5	139.2	5006.5	139.2	5006.51	139.57	5011.5
GR139.655012.5	139.67	5016.49	139.67	5016.5	139.81	5042.5	144.	5828.
GR146. 5876.	148.	5984.	149.37	6121.	150.	6184.	151.77	6246.
GR152. 6254.	153.75	6324.	154.	6334.	155.91	6396.	156.	6399.
GR157.056478.	157.92	6543.	158.	6549.	159.87	6605.	160.	6609.
GR162. 6669.	164.	6714.	166.	6784.	168.	6849.	170.	6924.
X111551.60.	4883.	5876.	30.	30.	30.			
GR160.044327.	160.04	4395.	160.04	4503.	160.04	4575.	160.04	4650.
GR160.044722.	158.04	4732.	156.04	4743.	154.71	4755.	154.04	4761.
GR152.044773.	150.04	4788.	148.04	4838.	146.04	4883.	143.68	4943.5
GR142.674969.5	144.04	4983.	138.63	4983.5	138.47	4984.5	138.46	4984.51
GR137.644989.5	137.56	4990.	139.69	4994.49	139.69	4994.49	139.69	4994.5
GR139.644995.5	139.64	4995.51	139.43	5000.	139.4	5000.5	139.16	5005.49
GR139.165005.49	139.16	5005.5	139.24	5006.5	139.24	5006.51	139.61	5011.5
GR139.695012.5	139.71	5016.49	139.71	5016.5	139.85	5042.5	144.04	5828.
GR146.045876.	148.04	5984.	149.41	6121.	150.04	6184.	151.81	6246.
GR152.046254.	153.79	6324.	154.04	6334.	155.95	6396.	156.04	6399.
GR157.096478.	157.96	6543.	158.04	6549.	159.91	6605.	160.04	6609.

GR162.046669.	164.04	6714.	166.04	6784.	168.04	6849.	17	6924.
NC		0.1	0.3					
X113045.45.	4990.	5010.	1493.5	1493.5	1493.5			
GR177.8 4014.	172.8	4119.	170.	4161.	168.	4182.	166.	4212.
GR164. 4232.	162.3	4264.	160.	4299.	159.2	4311.	158.	4331.
GR156. 4383.	155.2	4405.	154.	4443.	152.	4455.	150.	4477.
GR149. 4499.	148.	4529.	146.	4611.	145.1	4643.	144.	4673.
GR143.8 4693.	143.69	4990.	140.1	4995.	139.4	4999.99	139.4	5000.
GR140.465005.	143.69	5010.	143.8	5095.	144.	5106.	146.	5206.
GR148. 5258.	150.	5323.	152.	5345.	154.	5405.	155.2	5463.
GR155.7 5588.	156.	5666.	158.	5736.	160.	5851.	162.	5912.
GR162.9 5937.	164.	5965.	166.	6010.	168.	6055.	170.	6090.
X114113.34.	4985.	5015.	1068.	1068.	1068.			
GR170. 4488.	168.	4513.	166.	4540.	164.	4571.	162.	4593.
GR160. 4623.	158.	4638.	156.	4649.	154.	4659.	152.	4671.
GR150. 4686.	148.	4698.	146.	4715.	143.8	4985.	143.09	4990.
GR142.7 4995.	142.27	4999.99	142.27	5000.	142.32	5005.	143.01	5010.
GR143.8 5015.	146.	5130.	148.	5260.	150.	5420.	152.	5491.
GR154. 5562.	156.	5605.	158.	5698.	160.	5748.	162.	5783.
GR164. 5835.	166.	5905.	168.	5956.	170.	6027.	0.	0.
X114852.57.	4987.75	5012.25	739.	739.	739.			
GR169.694260.	169.69	4380.	169.69	4412.	169.69	4430.	169.69	4467.
GR167.694472.	167.33	4477.	165.69	4500.	163.69	4522.	161.69	4534.
GR159.694562.	157.69	4574.	155.69	4603.	153.69	4625.	151.69	4640.
GR149.694649.	147.69	4664.	145.69	4732.	145.69	4922.	145.69	4957.25
GR145.694972.	146.44	4987.74	146.44	4987.75	146.44	4987.76	146.44	4993.74
GR146.444993.75	145.47	4999.74	145.47	4999.74	145.47	4999.75	145.47	4999.76
GR145.435000.	144.5	5005.74	144.5	5005.75	145.35	5011.74	145.35	5011.74
GR145.355011.75	146.44	5012.25	146.29	5038.25	145.69	5140.	147.69	5265.
GR149.695272.	151.69	5397.	153.69	5472.	155.69	5567.	157.69	5662.
GR159.255723.	159.69	5740.	161.69	5781.	162.03	5798.	162.93	5843.
GR163.695881.	164.13	5893.	165.69	5936.	166.68	5978.	167.69	6021.
GR167.696156.	169.69	6181.	0.	0.	0.	0.	0.	0.
NC		0.3	0.5					
X114950.57.	4987.75	5011.74	98.	98.	98.			
X310.						158.14	158.21	
GR169.994260.	169.99	4380.	169.99	4412.	169.99	4430.	169.99	4467.
GR167.994472.	167.63	4477.	165.99	4500.	163.99	4522.	161.99	4534.
GR159.994562.	157.99	4574.	155.99	4603.	153.99	4625.	151.99	4640.
GR149.994649.	147.99	4664.	145.99	4732.	145.99	4922.	145.99	4957.25
GR145.994972.	146.74	4987.74	146.74	4987.75	146.74	4987.76	146.74	4993.74
GR146.744993.75	145.77	4999.74	145.77	4999.74	145.77	4999.75	145.77	4999.76
GR145.735000.	144.8	5005.74	144.8	5005.75	145.65	5011.74	145.65	5011.74
GR145.655011.75	146.74	5012.25	146.59	5038.25	145.99	5140.	147.99	5265.
GR149.995272.	151.99	5397.	153.99	5472.	155.99	5567.	157.99	5662.
GR159.555723.	159.99	5740.	161.99	5781.	162.33	5798.	163.23	5843.
GR163.995881.	164.43	5893.	165.99	5936.	166.98	5978.	167.99	6021.
GR167.996156.	169.99	6181.	0.	0.	0.	0.	0.	0.
X114951.57.	4987.75	5011.74	1.	1.	1.			
X310.						158.14	158.21	
BT-57.	4260.	170.	169.99	4380.	170.01	169.99	4412.	170.01
BT	4430.	170.01	169.99	4467.	170.01	169.99	4472.	168.01
BT	4477.	167.65	167.63	4500.	166.01	165.99	4522.	164.01
BT	4534.	162.01	161.99	4562.	160.01	159.99	4574.	159.62
BT	4603.	159.51	155.99	4625.	159.43	153.99	4640.	159.37
BT	4649.	159.33	149.99	4664.	159.28	147.99	4732.	159.01
BT	4922.	158.28	145.99	4957.25	158.14	145.99	4972.	158.16
BT	4987.74	158.18	146.74	4987.75	158.18	146.74	4987.76	158.18
BT	4993.74	158.19	156.74	4993.75	158.19	156.74	4999.74	158.19
BT	4999.74	158.19	146.74	4999.75	158.19	144.8	4999.76	158.19
BT	5000.	158.19	154.8	5005.74	158.2	154.8	5005.75	158.2
BT	5011.74	158.21	154.8	5011.74	158.21	144.8	5011.75	158.21

BT	5012.25	158.21	146.74	5038.25	158.24	146.59	5140.	15	145.99
BT	5265.	158.82	147.99	5272.	158.84	149.99	5397.	15.	151.99
BT	5472.	159.35	153.99	5567.	159.6	155.99	5662.	159.84	157.99
BT	5723.	160.	159.55	5740.	160.45	159.99	5781.	162.01	161.99
BT	5798.	162.35	162.33	5843.	163.6	163.23	5881.	164.01	163.99
BT	5893.	164.45	164.43	5936.	166.01	165.99	5978.	167.	166.98
BT	6021.	168.	167.99	6156.	168.	167.99	6181.	170.	169.99
GR169.994260.	169.99	4380.	169.99	4412.	169.99	4430.	169.99	4467.	
GR167.994472.	167.63	4477.	165.99	4500.	163.99	4522.	161.99	4534.	
GR159.994562.	157.99	4574.	155.99	4603.	153.99	4625.	151.99	4640.	
GR149.994649.	147.99	4664.	145.99	4732.	145.99	4922.	145.99	4957.25	
GR145.994972.	146.74	4987.74	146.74	4987.75	146.74	4987.76	146.74	4993.74	
GR146.744993.75	146.74	4999.74	146.74	4999.74	144.8	4999.75	144.8	4999.76	
GR144.8 5000.	144.8	5005.74	144.8	5005.75	144.8	5011.74	144.8	5011.74	
GR145.655011.75	146.74	5012.25	146.59	5038.25	145.99	5140.	147.99	5265.	
GR149.995272.	151.99	5397.	153.99	5472.	155.99	5567.	157.99	5662.	
GR159.555723.	159.99	5740.	161.99	5781.	162.33	5798.	163.23	5843.	
GR163.995881.	164.43	5893.	165.99	5936.	166.98	5978.	167.99	6021.	
GR167.996156.	169.99	6181.	0.	0.	0.	0.	0.	0.	
X114989.57.	4987.75	5011.74	38.	38.	38.				
X310.						158.14	158.21		
BT-57.	4260.	170.02	170.	4380.	170.01	170.	4412.	170.01	170.
BT	4430.	170.01	170.	4467.	170.01	170.	4472.	168.01	168.
BT	4477.	167.65	167.64	4500.	166.01	166.	4522.	164.01	164.
BT	4534.	162.01	162.	4562.	160.01	160.	4574.	159.62	158.
BT	4603.	159.51	156.	4625.	159.43	154.	4640.	159.37	152.
BT	4649.	159.33	150.	4664.	159.28	148.	4732.	159.01	146.
BT	4922.	158.28	146.	4957.25	158.14	146.	4972.	158.16	146.
BT	4987.74	158.18	146.75	4987.75	158.18	146.75	4987.76	158.18	156.75
BT	4993.74	158.19	156.75	4993.75	158.19	156.75	4999.74	158.19	156.75
BT	4999.74	158.19	146.75	4999.75	158.19	144.81	4999.76	158.19	154.81
BT	5000.	158.19	154.81	5005.74	158.2	154.81	5005.75	158.2	154.81
BT	5011.74	158.21	154.81	5011.74	158.21	144.81	5011.75	158.21	145.66
BT	5012.25	158.21	146.75	5038.25	158.24	146.6	5140.	158.5	146.
BT	5265.	158.82	148.	5272.	158.84	150.	5397.	159.16	152.
BT	5472.	159.35	154.	5567.	159.6	156.	5662.	159.84	158.
BT	5723.	160.	159.56	5740.	160.45	160.	5781.	162.01	162.
BT	5798.	162.36	162.34	5843.	163.6	163.24	5881.	164.01	164.
BT	5893.	164.45	164.44	5936.	166.01	166.	5978.	167.01	166.99
BT	6021.	168.02	168.	6156.	168.02	168.	6181.	170.02	170.
GR170.	4260.	170.	4380.	170.	4412.	170.	4430.	170.	4467.
GR168.	4472.	167.64	4477.	166.	4500.	164.	4522.	162.	4534.
GR160.	4562.	158.	4574.	156.	4603.	154.	4625.	152.	4640.
GR150.	4649.	148.	4664.	146.	4732.	146.	4922.	146.	4957.25
GR146.	4972.	146.75	4987.74	146.75	4987.75	144.75	4987.76	146.75	4993.74
GR146.754993.75	146.75	4999.74	146.75	4999.74	144.81	4999.75	144.81	4999.76	
GR144.815000.	144.81	5005.74	144.81	5005.75	144.81	5011.74	144.81	5011.74	
GR145.665011.75	146.75	5012.25	146.6	5038.25	146.	5140.	148.	5265.	
GR150.	5272.	152.	5397.	154.	5472.	156.	5567.	158.	5662.
GR159.565723.	160.	5740.	162.	5781.	162.34	5798.	163.24	5843.	
GR164.	5881.	164.44	5893.	166.	5936.	166.99	5978.	168.	6021.
GR168.	6156.	170.	6181.	0.	0.	0.	0.	0.	0.
X114990.57.	4987.75	5011.74	1.	1.	1.				
X310.						158.14	158.21		
GR170.	4260.	170.	4380.	170.	4412.	170.	4430.	170.	4467.
GR168.	4472.	167.64	4477.	166.	4500.	164.	4522.	162.	4534.
GR160.	4562.	158.	4574.	156.	4603.	154.	4625.	152.	4640.
GR150.	4649.	148.	4664.	146.	4732.	146.	4922.	146.	4957.25
GR146.	4972.	146.75	4987.74	146.75	4987.75	146.75	4987.76	146.75	4993.74
GR146.754993.75	145.78	4999.74	145.78	4999.74	145.78	4999.75	145.78	4999.76	
GR145.745000.	144.81	5005.74	144.81	5005.75	145.66	5011.74	145.66	5011.74	
GR145.665011.75	146.75	5012.25	146.6	5038.25	146.	5140.	148.	5265.	

GR150.	5272.	152.	5397.	154.	5472.	156.	5567.	15	5662.
GR159.	565723.	160.	5740.	162.	5781.	162.34	5798.	16.	5843.
GR164.	5881.	164.44	5893.	166.	5936.	166.99	5978.	168.	6021.
GR168.	6156.	170.	6181.	0.	0.	0.	0.	0.	0.
X115014.57.	4987.75	5012.25	24.5	24.5	24.5	24.5	0.	0.	0.
GR169.	884260.	169.88	4380.	169.88	4412.	169.88	4430.	169.88	4467.
GR167.	884472.	167.52	4477.	165.88	4500.	163.88	4522.	161.88	4534.
GR159.	884562.	157.88	4574.	155.88	4603.	153.88	4625.	151.88	4640.
GR149.	884649.	147.88	4664.	145.88	4732.	145.88	4922.	145.88	4957.25
GR145.	884972.	146.63	4987.74	146.63	4987.75	146.63	4987.76	146.63	4995.74
GR146.	834993.75	145.66	4999.74	145.66	4999.74	145.66	4999.75	145.66	4999.76
GR145.	625000.	144.69	5005.74	144.69	5005.75	145.54	5011.74	145.54	5011.74
GR145.	545011.75	146.63	5012.25	146.48	5038.25	145.88	5140.	147.88	5265.
GR149.	885272.	151.88	5397.	153.88	5472.	155.88	5567.	157.88	5662.
GR159.	445723.	159.88	5740.	161.88	5781.	162.22	5798.	163.12	5843.
GR163.	885881.	164.32	5893.	165.88	5936.	166.87	5978.	167.88	6021.
GR167.	886156.	169.88	6181.	0.	0.	0.	0.	0.	0.
MC		0.1	0.3						
X115349.38.	4991.5	5008.5	335.	335.	335.	335.	4478.	165.	4487.
GR177.5	4272.	170.	4452.	168.	4463.	166.	4478.	165.	4487.
GR164.	4498.	162.	4518.	160.	4539.	158.	4569.	156.	4600.
GR155.	4620.	154.	4642.	152.	4707.	150.	4737.	148.	4762.
GR146.8	4775.	145.9	4991.5	143.47	4996.5	143.14	5000.	143.	5001.5
GR143.	395006.5	145.9	5008.5	146.4	5250.	148.	5320.	149.6	5325.
GR150.	5335.	152.	5383.	154.	5418.	154.6	5426.	156.	5458.
GR158.	5495.	160.	5523.	160.9	5550.	166.	5560.	168.	5588.
GR168.	65608.	170.	5647.	176.1	5782.	0.	0.	0.	0.
X116634.31.	4979.	5021.	1285.	1285.	1285.	1285.	4546.	162.	4581.
GR170.	4413.	168.	4465.	166.	4507.	164.	4546.	162.	4581.
GR160.	4620.	158.	4650.	156.	4666.	154.	4703.	152.	4742.
GR150.	4787.	148.	4835.	148.14	4979.	147.2	4981.	146.98	4986.
GR147.2	4992.	148.49	4996.	148.38	5000.	147.82	5021.	148.	5165.
GR150.	5245.	152.	5259.	154.	5279.	156.	5291.	158.	5331.
GR160.	5353.	162.	5398.	164.	5466.	166.	5503.	168.	5538.
GR170.	5593.	0.	0.	0.	0.	0.	0.	0.	0.
X117329.33.	4992.	5222.	695.	695.	695.	695.	4664.	162.	4693.
GR170.	4585.	158.	4614.	166.	4646.	164.	4664.	162.	4693.
GR160.	4715.	158.	4740.	156.	4765.	154.4	4793.	154.	4814.
GR152.	4836.	150.	4861.	149.8	4923.	149.88	4992.	148.7	4995.
GR147.934999.99	147.93	5000.	148.7	5005.	147.76	5010.	5010.	147.49	5015.
GR148.8	5222.	150.	5250.	152.	5278.	154.	5288.	156.	5350.
GR158.	5411.	159.1	5441.	160.	5456.	162.	5494.	164.	5529.
GR166.	5559.	168.	5604.	170.	5630.	0.	0.	0.	0.
X119204.37.	4996.	5004.	1875.	1875.	1875.	1875.	4630.	168.	4652.
GR180.4	4305.	176.7	4457.	173.2	4588.	170.	4630.	168.	4652.
GR166.	4672.	165.	4683.	164.	4691.	162.	4703.	160.	4718.
GR158.	4735.	156.	4760.	154.	4781.	153.6	4789.	152.2	4889.
GR152.	4991.	153.03	4993.	152.	4996.	151.83	4999.	151.86	5000.
GR152.	5004.	153.28	5006.	152.	5012.	152.26	5026.	154.	5157.
GR156.	5189.	158.	5220.	160.	5239.	160.8	5261.	162.	5283.
GR164.	5348.	166.	5378.	167.2	5397.	168.	5428.	170.	5438.
GR175.5	5565.	184.4	5807.	0.	0.	0.	0.	0.	0.
X120854.32.	4989.5	5010.5	1650.	1650.	1650.	1650.	4702.	167.1	4714.
GR176.3	4527.	173.5	4636.	170.	4681.	168.	4702.	167.1	4714.
GR166.	4726.	164.	4756.	162.	4798.	160.	4836.	159.6	4848.
GR158.	4878.	156.	4918.	156.4	4989.5	153.8	4991.5	154.	4993.
GR153.	554998.5	153.67	5000.	153.8	5001.5	154.	5007.	155.63	5010.5
GR157.	5013.5	157.42	5028.5	156.	5167.	156.6	5195.	158.	5223.
GR160.	5251.	162.	5273.	164.	5301.	166.	5321.	168.	5348.
GR170.	5378.	177.5	5603.	0.	0.	0.	0.	0.	0.
X121859.19.	4995.5	5004.5	1005.	1005.	1005.	1005.	4844.	162.	4861.
GR170.	4744.	168.	4784.	166.	4824.	164.	4844.	162.	4861.



GR158.4910.	157.85	4995.5	156.4	4996.5	156.03	5000.	11	5000.5	
GR156.45002.5	158.41	5004.5	158.81	5029.5	158.	5068.	16.	5108.	
GR162.5120.	166.	5150.	168.	5158.	170.	5170.	0.	0.	
X122511.39.	4978.	5022.	652.	652.	652.				
GR186.333210.	184.93	3465.	179.93	4505.	174.93	4605.	169.93	4805.	
GR169.634821.	167.93	4913.	165.93	4938.	165.8	4940.	164.96	4953.	
GR163.934969.	163.25	4978.	161.93	4980.	160.35	5000.	160.32	5000.5	
GR160.315000.51	160.15	5002.6	159.08	5004.	158.8	5005.5	157.86	5010.49	
GR157.865010.5	157.29	5013.5	157.29	5013.51	156.35	5018.5	156.26	5019.	
GR162.485021.99	162.48	5022.	162.5	5023.49	162.5	5023.5	162.76	5040.	
GR163.935115.	164.98	5146.	165.93	5174.	167.93	5225.	169.93	5275.	
GR174.935525.	179.93	5625.	183.69	6114.	184.93	6275.	0.	0.	
NC		0.3	0.5						
X122687.39.	5000.5	5023.5	176.	176.	176.				
X310.						167.64	167.73		
GR186.43210.	185.	3465.	180.	4505.	175.	4605.	170.	4805.	
GR169.74821.	168.	4913.	166.	4938.	165.87	4940.	165.03	4953.	
GR164.4969.	163.32	4978.	162.	4980.	160.42	5000.	160.39	5000.5	
GR160.385000.51	160.22	5002.6	159.15	5004.	158.87	5005.5	157.93	5010.49	
GR157.935010.5	157.36	5013.5	157.36	5013.51	156.42	5018.5	156.33	5019.	
GR162.555021.99	162.55	5022.	162.57	5023.49	162.57	5023.5	162.83	5040.	
GR164.5115.	165.05	5146.	166.	5174.	168.	5225.	170.	5275.	
GR175.5525.	181.	5625.	183.76	6114.	185.	6275.	0.	0.	
X122688.39.	5000.5	5023.5	1.	1.	1.				
X310.						167.64	167.73		
BT-39.3210.	186.4	183.72	3465.	185.01	182.32	4505.	180.01	177.32	
BT	4605.	175.01	172.32	4805.	170.16	167.32	4821.	170.	167.02
BT	4913.	168.45	165.32	4938.	168.03	163.32	4940.	168.	163.19
BT	4953.	167.64	162.35	4969.	167.66	161.32	4978.	167.67	160.64
BT	4980.	167.68	159.32	5000.	167.7	157.74	5000.5	167.7	156.37
BT	5000.51	167.7	164.37	5002.6	167.7	164.37	5004.	167.71	164.37
BT	5005.5	167.71	164.37	5010.49	167.71	164.37	5010.5	167.72	156.37
BT	5013.5	167.72	156.33	5013.51	167.72	164.33	5018.5	167.73	164.33
BT	5019.	167.73	164.33	5021.99	167.73	164.33	5022.	167.73	164.33
BT	5023.49	167.75	164.33	5023.5	167.75	156.33	5040.	168.	160.15
BT	5115.	169.42	161.32	5146.	170.	162.37	5174.	170.46	163.32
BT	5225.	171.3	165.32	5275.	172.12	167.32	5525.	176.23	172.32
BT	5625.	180.01	177.32	6114.	185.9	181.08	6275.	185.	182.32
GR183.723210.	182.32	3465.	177.32	4505.	172.32	4605.	167.32	4805.	
GR167.024821.	165.32	4913.	163.32	4938.	163.19	4940.	162.35	4953.	
GR161.324969.	160.64	4978.	159.32	4980.	157.74	5000.	156.37	5000.5	
GR156.375000.51	156.37	5002.6	156.37	5004.	156.37	5005.5	156.37	5010.49	
GR156.375010.5	156.33	5013.5	156.33	5013.51	156.33	5018.5	156.33	5019.	
GR156.335021.99	156.33	5022.	156.33	5023.49	156.33	5023.5	160.15	5040.	
GR161.325115.	162.37	5146.	163.32	5174.	165.32	5225.	167.32	5275.	
GR172.325525.	177.32	5625.	181.08	6114.	182.32	6275.	0.	0.	
X122730.39.	5000.5	5023.5	42.	42.	42.				
X310.						167.64	167.73		
BT-39.3210.	186.42	186.4	3465.	185.01	185.	4505.	180.01	180.	
BT	4605.	175.01	175.	4805.	170.16	170.	4821.	170.	169.7
BT	4913.	168.45	168.	4938.	168.03	166.	4940.	168.	165.87
BT	4953.	167.64	165.03	4969.	167.66	164.	4978.	167.67	163.32
BT	4980.	167.68	162.	5000.	167.7	160.42	5000.5	167.7	159.05
BT	5000.51	167.7	167.05	5002.6	167.7	167.05	5004.	167.71	167.05
BT	5005.5	167.71	167.05	5010.49	167.71	167.05	5010.5	167.72	159.05
BT	5013.5	167.72	159.01	5013.51	167.72	167.01	5018.5	167.73	167.01
BT	5019.	167.73	167.01	5021.99	167.73	167.01	5022.	167.73	167.01
BT	5023.49	167.75	167.01	5023.5	167.75	159.01	5040.	168.	152.83
BT	5115.	169.42	164.	5146.	170.	165.05	5174.	170.46	166.
BT	5225.	171.3	168.	5275.	172.12	170.	5525.	176.23	175.
BT	5625.	180.01	180.	6114.	185.9	183.76	6275.	185.02	185.
GR186.43210.	185.	3465.	180.	4505.	175.	4605.	170.	4805.	

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GR169.7 4821.	168.	4913.	166.	4938.	165.87	4940.	16	4953.
GR164. 4969.	163.32	4978.	162.	4980.	160.42	5000.	15	5000.5
GR159.055000.51	159.05	5002.6	159.05	5004.	159.05	5005.5	159.05	5010.49
GR159.055010.5	159.01	5013.5	159.01	5013.51	159.01	5018.5	159.01	5019.
GR159.015021.99	159.01	5022.	159.01	5023.49	159.01	5023.5	2.83	5040.
GR164. 5115.	165.05	5146.	166.	5174.	168.	5225.	170.	5275.
GR175. 5525.	180.	5625.	183.76	6114.	185.	6275.	0.	0.
X122731.39.	5000.5	5023.5	1.	1.	1.			
X310.						167.64	167.73	
GR186.413210.	185.01	3465.	180.01	4505.	175.01	4605.	170.01	4805.
GR169.714821.	168.01	4913.	166.01	4938.	165.88	4940.	165.04	4953.
GR164.014969.	163.33	4978.	162.01	4980.	160.43	5000.	160.4	5000.5
GR160.395000.51	160.23	5002.6	159.16	5004.	158.88	5005.5	157.94	5010.49
GR157.945010.5	157.37	5013.5	157.37	5013.51	156.43	5018.5	156.34	5019.
GR162.565021.99	162.56	5022.	162.58	5023.49	162.58	5023.5	162.84	5040.
GR164.015115.	165.06	5146.	166.01	5174.	168.01	5225.	170.01	5275.
GR175.015525.	180.01	5625.	183.77	6114.	185.01	6275.	0.	0.
X122775.39.	4978.	5022.	44.	44.	44.			
GR186.853210.	185.45	3465.	180.45	4505.	175.45	4605.	170.45	4805.
GR170.154821.	168.45	4913.	166.45	4938.	166.32	4940.	165.48	4953.
GR164.454969.	163.77	4978.	162.45	4980.	160.87	5000.	160.84	5000.5
GR160.835000.51	160.67	5002.6	159.6	5004.	159.32	5005.5	158.38	5010.49
GR158.385010.5	157.81	5013.5	157.81	5013.51	156.87	5018.5	156.78	5019.
GR163. 5021.99	163.	5022.	163.02	5023.49	163.02	5023.5	163.28	5040.
GR164.455115.	165.5	5146.	166.45	5174.	168.45	5225.	170.45	5275.
GR175.455525.	180.45	5625.	184.21	6114.	185.45	6275.	0.	0.
NC		0.1	0.3					
X123310.20.	4953.5	5046.5	535.	535.	535.			
GR181.5 4410.	179.5	4572.	175.9	4717.	171.1	4862.	170.	4877.
GR168. 4897.	166.	4917.	165.54	4953.5	162.13	4954.5	162.21	4985.5
GR162.135021.5	166.61	5046.5	166.69	5096.5	164.7	5108.	166.	5155.
GR168. 5170.	169.	5179.	170.	5187.	174.	5298.	182.5	5469.
X123684.42.	4994.75	5005.25	374.	374.	374.			
GR179.783785.	179.78	3867.	179.78	4077.	179.78	4275.	179.78	4652.
GR174.784742.	169.78	4817.	167.78	4875.	165.29	4968.5	164.59	4994.75
GR164.574995.	164.52	4995.5	164.48	4996.	164.43	4996.5	164.41	4996.75
GR164.4 4997.	164.39	4997.5	164.38	4998.	164.36	4998.5	164.35	4999.
GR164.334999.75	164.4	5000.	164.47	5000.25	164.55	5001.25	164.49	5001.5
GR164.375002.	164.25	5002.5	164.13	5003.	164.07	5003.25	164.17	5003.5
GR164.365004.	164.56	5004.5	164.75	5005.	164.85	5005.25	164.85	5005.5
GR165.3 5031.5	167.78	5175.	169.78	5185.	174.78	5310.	179.78	5360.
GR179.785400.	179.78	5850.	0.	0.	0.	0.	0.	0.
NC		0.3	0.5					
X123726.42.	4995.	5005.5	42.	42.	42.			
X310.						175.11	175.01	
GR179.993785.	179.99	3867.	179.99	4077.	179.99	4275.	179.99	4652.
GR174.994742.	169.99	4817.	167.99	4875.	165.5	4968.5	164.8	4994.75
GR164.784995.	164.73	4995.5	164.69	4996.	164.64	4996.5	164.62	4996.75
GR164.614997.	164.6	4997.5	164.59	4998.	164.57	4998.5	164.56	4999.
GR164.544999.75	164.61	5000.	164.68	5000.25	164.76	5001.25	164.7	5001.5
GR164.585002.	164.46	5002.5	164.34	5003.	164.28	5003.25	164.38	5003.5
GR164.575004.	164.77	5004.5	164.96	5005.	165.06	5005.25	165.06	5005.5
GR165.515031.5	167.99	5175.	169.99	5185.	174.99	5310.	179.99	5360.
GR179.995400.	179.99	5850.	0.	0.	0.	0.	0.	0.
X123727.42.	4995.	5005.5	1.	1.	1.			
X310.						175.11	175.01	
BT-42. 3785.	180.02	180.	3867.	180.01	180.	4077.	180.01	180.
BT 4275.	180.01	180.	4652.	180.01	180.	4742.	175.11	175.
BT 4817.	175.13	170.	4875.	175.15	168.	4968.5	175.17	165.51
BT 4994.75	175.12	164.81	4995.	175.12	166.63	4995.5	175.11	167.95
BT 4996.	175.11	168.36	4996.5	175.11	168.57	4996.75	175.11	168.6
BT 4997.	175.11	168.63	4997.5	175.11	168.57	4998.	175.11	168.36

BT	4998.5	175.11	167.95	4999.	175.11	166.63	4999.75	175.11	164.55
BT	5000.	175.11	164.62	5000.25	175.1	164.69	5001.25	175.11	164.77
BT	5001.5	175.1	166.29	5002.	175.1	167.61	5002.5	175.1	168.02
BT	5003.	175.1	168.23	5003.25	175.1	168.26	5003.5	175.1	168.29
BT	5004.	175.1	168.23	5004.5	175.1	168.02	5005.	175.09	167.61
BT	5005.25	175.09	166.95	5005.5	175.09	166.29	5031.5	175.04	165.52
BT	5175.	175.02	168.	5185.	175.02	170.	5310.	175.01	175.
BT	5360.	180.01	180.	5400.	180.01	180.	5850.	180.02	180.
GR180.	3785.	180.	3867.	180.	4077.	180.	4275.	180.	4652.
GR175.	4742.	170.	4817.	168.	4875.	165.51	4968.5	164.81	4994.75
GR166.634995.	165.31	4995.5	164.9	4996.	164.69	4996.5	164.66	4996.75	4996.75
GR164.634997.	164.69	4997.5	164.9	4998.	165.31	4998.5	166.63	4999.	4999.
GR164.554999.75	164.62	5000.	164.69	5000.25	164.77	5001.25	166.29	5001.5	5001.5
GR164.975002.	164.56	5002.5	164.35	5003.	164.32	5003.25	164.29	5003.5	5003.5
GR164.355004.	164.56	5004.5	164.97	5005.	165.63	5005.25	166.29	5005.5	5005.5
GR165.525031.5	168.	5175.	170.	5185.	175.	5310.	180.	5360.	5360.
GR180.	5400.	180.	5850.	0.	0.	0.	0.	0.	0.
X123803.42.	4995.	5005.5	76.	76.	76.				
X310.						175.11	175.01		
BT-42.	3785.	180.02	180.	3867.	180.01	180.	4077.	180.01	180.
BT	4275.	180.01	180.	4652.	180.01	180.	4742.	175.11	175.
BT	4817.	175.13	170.	4875.	175.15	168.	4968.5	175.17	165.51
BT	4994.75	175.12	164.81	4995.	175.12	166.63	4995.5	175.11	167.95
BT	4996.	175.11	168.36	4996.5	175.11	168.57	4996.75	175.11	168.6
BT	4997.	175.11	168.63	4997.5	175.11	168.57	4998.	175.11	168.36
BT	4998.5	175.11	167.95	4999.	175.11	166.63	4999.75	175.11	164.55
BT	5000.	175.11	164.62	5000.25	175.1	164.69	5001.25	175.1	164.77
BT	5001.5	175.1	166.29	5002.	175.1	167.61	5002.5	175.1	168.02
BT	5003.	175.1	168.23	5003.25	175.1	168.26	5003.5	175.1	168.29
BT	5004.	175.1	168.23	5004.5	175.1	168.02	5005.	175.09	167.61
BT	5005.25	175.09	166.95	5005.5	175.09	166.29	5031.5	175.04	165.52
BT	5175.	175.02	168.	5185.	175.02	170.	5310.	175.01	175.
BT	5360.	180.01	180.	5400.	180.01	180.	5850.	180.02	180.
GR180.	3785.	180.	3867.	180.	4077.	180.	4275.	180.	4652.
GR175.	4742.	170.	4817.	168.	4875.	165.51	4968.5	164.81	4994.75
GR166.634995.	165.31	4995.5	164.9	4996.	164.69	4996.5	164.66	4996.75	4996.75
GR164.634997.	164.69	4997.5	164.9	4998.	165.31	4998.5	166.63	4999.	4999.
GR164.554999.75	164.62	5000.	164.69	5000.25	164.77	5001.25	166.29	5001.5	5001.5
GR164.975002.	164.56	5002.5	164.35	5003.	164.32	5003.25	164.29	5003.5	5003.5
GR164.355004.	164.56	5004.5	164.97	5005.	165.63	5005.25	166.29	5005.5	5005.5
GR165.525031.5	168.	5175.	170.	5185.	175.	5310.	180.	5360.	5360.
GR180.	5400.	180.	5850.	0.	0.	0.	0.	0.	0.
X123804.42.	4995.	5005.5	1.	1.	1.				
X310.						175.11	175.01		
GR180.013785.	180.01	3867.	180.01	4077.	180.01	4275.	180.01	4652.	4652.
GR175.014742.	170.01	4817.	168.01	4875.	165.52	4968.5	164.82	4994.75	4994.75
GR164.8 4995.	164.75	4995.5	164.71	4996.	164.66	4996.5	164.64	4996.75	4996.75
GR164.634997.	164.62	4997.5	164.61	4998.	164.59	4998.5	164.58	4999.	4999.
GR164.564999.75	164.63	5000.	164.7	5000.25	164.78	5001.25	164.72	5001.5	5001.5
GR164.6 5002.	164.48	5002.5	164.36	5003.	164.3	5003.25	164.4	5003.5	5003.5
GR164.595004.	164.79	5004.5	164.98	5005.	165.08	5005.25	165.08	5005.5	5005.5
GR165.535031.5	168.01	5175.	170.01	5185.	175.01	5310.	180.01	5360.	5360.
GR180.015400.	180.01	5850.	0.	0.	0.	0.	0.	0.	0.
X123815.42.	4994.75	5005.25	10.5	10.5	10.5				
GR180.093785.	180.09	3867.	180.09	4077.	180.09	4275.	180.09	4652.	4652.
GR175.094742.	170.09	4817.	168.09	4875.	165.6	4968.5	164.9	4994.75	4994.75
GR164.884995.	164.83	4995.5	164.79	4996.	164.74	4996.5	164.72	4996.75	4996.75
GR164.714997.	164.7	4997.5	164.69	4998.	164.67	4998.5	164.66	4999.	4999.
GR164.644999.75	164.71	5000.	164.78	5000.25	164.86	5001.25	164.8	5001.5	5001.5
GR164.625002.	164.56	5002.5	164.44	5003.	164.38	5003.25	164.48	5003.5	5003.5
GR164.675004.	164.87	5004.5	165.06	5005.	165.16	5005.25	165.16	5005.5	5005.5
GR165.615031.5	168.09	5175.	170.09	5185.	175.09	5310.	180.09	5360.	5360.

GR180.095400.	180.09	5850.	0.	0.	0.	0.	0.	0.
MC		0.1	0.3					
T1	Hayes, Seay, Mattern & Mattern							Sampson Co. NC FIS
T2	Filename: 80.1M Eng:SKE ET: CB							Comm. No. 2353E
T3	Beaverdam Creek							Floodway Event
J1	8.0							357.48
J22.	-1.0							
T1	Hayes, Seay, Mattern & Mattern							Sampson Co. NC FIS
T2	Filename: 80.1M Eng:SKE ET: CB							Comm. No. 2353E
T3	Beaverdam Creek							10-Year Event
J1	4.0							355.
J23.	-1.0							
T1	Hayes, Seay, Mattern & Mattern							Sampson Co. NC FIS
T2	Filename: 80.1M Eng:SKE ET: CB							Comm. No. 2353E
T3	Beaverdam Creek							50-Year Event
J1	5.0							355.
J24.	-1.0							
T1	Hayes, Seay, Mattern & Mattern							Sampson Co. NC FIS
T2	Filename: 80.1M Eng:SKE ET: CB							Comm. No. 2353E
T3	Beaverdam Creek							100-Year Event
J1	6.0							355.
J25.	-1.0							
T1	Hayes, Seay, Mattern & Mattern							Sampson Co. NC FIS
T2	Filename: 80.1M Eng:SKE ET: CB							Comm. No. 2353E
T3	Beaverdam Creek							500-Year Event
J1	7.0							355.
J215.	-1.0							

ER  
EJ

ER

THIS RUN EXECUTED 12-30-88 08:20:55

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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 Sampson Co. NC FIS										
T2 Filename:BD.HEC Eng:SKE ET:CB/TFH Comm. No. 2353E										
T3 Beaverdam Creek Date: 12/28/88 100-Year Event										
J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	F3
	0.	4.	0.	0.	.001380	.00	.0	0.	170.000	.000
J2	NPROF	IPL0T	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
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.500	4635.000	.525	4820.000	.323	4972.000	.080	5028.000	.315
NH	5135.000	.525	5473.000	1.500	6627.000	.000	.000	.000	.000	.000
QT	5.000	800.000	1571.000	2015.000	3589.000	2015.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000
X1	5718.900	78.000	4972.000	5028.000	5718.950	5718.950	5718.950	.000	.000	.000
GR	157.570	4149.000	157.240	4166.600	156.170	4226.600	155.570	4257.000	153.570	4277.000
GR	151.570	4287.000	149.570	4315.000	148.000	4489.600	147.570	4537.000	145.570	4547.000
GR	143.570	4565.000	142.570	4635.000	141.570	4705.000	139.570	4745.000	139.070	4820.000
GR	138.340	4930.600	138.340	4931.000	137.570	4948.000	137.910	4958.770	137.910	4958.790
GR	137.910	4958.790	137.910	4958.800	137.910	4958.810	138.330	4972.000	137.440	4973.000
GR	136.020	4976.200	136.020	4976.210	135.800	4976.700	135.620	4977.100	135.570	4977.200
GR	135.560	4977.210	129.860	4988.600	128.620	4992.800	128.620	4992.810	128.360	4993.700
GR	128.360	4993.800	128.360	4993.810	128.220	5000.000	128.160	5002.500	125.390	5009.700
GR	125.380	5009.710	125.040	5010.600	125.120	5010.700	125.130	5010.710	131.360	5018.500
GR	136.820	5025.800	136.820	5025.810	137.490	5026.700	137.540	5026.800	137.550	5026.810
GR	138.200	5028.000	138.220	5028.070	138.220	5028.080	138.230	5028.090	138.230	5028.100
GR	138.230	5028.110	138.440	5028.800	138.290	5057.600	137.880	5135.000	137.570	5196.000
GR	137.780	5207.600	139.570	5324.000	140.360	5369.600	141.570	5439.000	142.140	5473.000
GR	142.610	5501.600	143.570	5559.000	144.340	5591.600	145.570	5644.000	147.570	5860.000
GR	147.570	5948.000	147.570	5986.000	149.570	6034.000	151.570	6069.000	153.570	6095.000
GR	155.570	6197.000	156.890	6480.600	157.570	6627.000	.000	.000	.000	.000



GR	151.910	4287.000	149.910	4315.000	148.340	4489.600	147.910	4537.000	145.910	4547.000
GR	143.910	4565.000	142.910	4635.000	141.910	4705.000	139.910	4745.000	139.410	4820.000
GR	138.680	4930.600	138.680	4931.000	137.910	4948.000	138.250	4958.770	138.250	4958.780
GR	138.250	4958.790	138.250	4958.800	141.650	4958.810	138.670	4972.000	137.780	4973.000
GR	136.360	4976.200	136.360	4976.210	136.140	4976.700	135.960	4977.100	135.910	4977.200
GR	135.900	4977.210	130.200	4988.600	128.960	4992.800	128.960	4992.810	128.700	4993.700
GR	128.700	4993.800	128.700	4993.810	128.560	5000.000	128.500	5002.500	125.730	5009.700
GR	125.720	5009.710	125.380	5010.600	125.460	5010.700	125.470	5010.710	131.700	5018.500
GR	137.160	5025.800	137.160	5025.810	137.830	5026.700	137.880	5026.800	137.890	5026.810
GR	138.540	5028.000	138.560	5028.070	141.720	5028.080	138.570	5028.090	138.570	5028.100
GR	138.570	5028.110	138.780	5028.800	138.630	5057.600	138.220	5135.000	137.910	5194.000
GR	138.120	5207.600	139.910	5324.000	140.700	5369.600	141.910	5439.000	142.480	5473.000
GR	142.950	5501.600	143.910	5559.000	144.680	5591.600	145.910	5644.000	147.910	5860.000
GR	147.910	5948.000	147.910	5986.000	149.910	6034.000	151.910	6069.000	153.910	6095.000
GR	155.910	6197.000	157.230	6480.600	157.910	6627.000	.000	.000	.000	.000
NH	7.000	1.500	4635.000	.525	4820.000	.323	4958.790	.048	5028.100	.315
NH	5135.000	.525	5473.000	1.500	6627.000	.000	.000	.000	.000	.000

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==== HEC-2 Input file created with CodeH2 =====
==== Version: 3.49 =====
==== CodeH2 Copyrighted 1986, 1987, 1988 =====
==== Run Date: Friday December 30, 1988 =====
==== Run Time: 08:20:46 =====
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## SR 1800 Bridge

X1	6785.200	78.000	4958.790	5028.100	25.300	25.300	25.300	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	143.240	143.310	.000
BT	-78.000	4149.000	158.000	157.910	4166.600	157.680	157.580	4224.600	156.610	156.510
BT	.000	4257.000	156.010	155.910	4277.000	154.010	153.910	4287.000	152.010	151.910
BT	.000	4315.000	150.010	149.910	4489.600	148.440	148.340	4537.000	148.010	147.910
BT	.000	4547.000	146.010	145.910	4565.000	144.010	143.910	4635.000	143.790	142.910
BT	.000	4705.000	143.690	141.910	4745.000	143.630	139.910	4820.000	143.520	139.410
BT	.000	4930.600	143.360	138.680	4931.000	143.360	138.680	4948.000	143.290	137.910
BT	.000	4958.770	143.240	138.250	4958.780	145.940	138.250	4958.790	145.940	138.250
BT	.000	4958.800	145.940	138.250	4958.810	145.940	141.650	4972.000	145.910	141.620
BT	.000	4973.000	145.910	141.620	4976.200	145.900	141.610	4976.210	145.900	136.360
BT	.000	4976.700	145.900	136.140	4977.100	145.900	135.960	4977.200	145.900	135.910
BT	.000	4977.210	145.900	141.610	4988.600	145.930	141.640	4992.800	145.930	141.640
BT	.000	4992.810	145.930	128.960	4993.700	145.940	128.700	4993.800	145.940	128.700
BT	.000	4993.810	145.940	141.650	5000.000	145.950	141.660	5002.500	145.960	141.670
BT	.000	5009.700	145.970	141.680	5009.710	145.970	125.720	5010.600	145.970	125.380
BT	.000	5010.700	145.970	125.460	5010.710	145.970	141.680	5018.500	145.990	141.700
BT	.000	5025.800	146.010	141.720	5025.810	146.010	137.160	5026.700	146.010	137.830
BT	.000	5026.800	146.010	137.880	5026.810	146.010	141.720	5028.000	146.010	141.720
BT	.000	5028.070	146.010	141.720	5028.080	146.010	141.720	5028.090	146.010	140.140
BT	.000	5028.100	143.310	138.570	5028.110	143.310	138.570	5028.800	143.310	138.780
BT	.000	5057.600	143.370	138.630	5135.000	143.700	138.220	5194.000	143.940	137.910
BT	.000	5207.600	144.000	138.120	5324.000	145.440	139.910	5369.600	146.000	140.700
BT	.000	5439.000	147.050	141.910	5473.000	147.570	142.480	5501.600	148.000	142.950
BT	.000	5559.000	149.280	143.910	5591.600	150.000	144.680	5644.000	150.440	145.910



BT	.000	5860.000	152.260	147.910	5948.000	153.010	147.910	5986.000	153.330	147.910
BT	.000	6034.000	153.730	149.910	6069.000	154.030	151.910	6095.000	154.250	153.910
BT	.000	6197.000	156.010	155.910	6480.600	157.500	157.230	6627.000	158.000	157.910
GR	157.910	4149.000	157.580	4166.600	156.510	4224.600	155.910	4257.000	153.910	4277.000
GR	151.910	4287.000	149.910	4315.000	148.340	4489.600	147.910	4537.000	145.910	4547.000
GR	143.910	4565.000	142.910	4635.000	141.910	4705.000	139.910	4745.000	139.410	4820.000
GR	138.680	4930.600	138.680	4931.000	137.910	4948.000	138.250	4958.770	138.250	4958.780
GR	138.250	4958.790	138.250	4958.800	141.650	4958.810	138.670	4972.000	137.780	4973.000
GR	136.360	4976.200	136.360	4976.210	136.140	4976.700	135.960	4977.100	135.910	4977.200
GR	135.900	4977.210	130.200	4988.600	128.960	4992.800	128.960	4992.810	128.700	4993.700
GR	128.700	4993.800	128.700	4993.810	128.560	5000.000	128.500	5002.500	125.730	5009.700
GR	125.720	5009.710	125.380	5010.600	125.460	5010.700	125.470	5010.710	131.700	5018.500
GR	137.160	5025.800	137.160	5025.810	137.830	5026.700	137.880	5026.800	137.890	5026.810
GR	138.540	5028.000	138.560	5028.070	141.720	5028.080	138.570	5028.090	138.570	5028.100
GR	138.570	5028.110	138.780	5028.800	138.630	5057.600	138.220	5135.000	137.910	5194.000
GR	138.120	5207.600	139.910	5324.000	140.700	5369.600	141.910	5439.000	142.480	5473.000
GR	142.950	5501.600	143.910	5559.000	144.680	5591.600	145.910	5644.000	147.910	5860.000
GR	147.910	5948.000	147.910	5986.000	149.910	6034.000	151.910	6069.000	153.910	6095.000
GR	155.910	6197.000	157.230	6480.600	157.910	6627.000	.000	.000	.000	.000
NH	7.000	1.500	4635.000	.525	4820.000	.323	4958.790	.080	5028.100	.315
NH	5135.000	.525	5473.000	1.500	6627.000	.000	.000	.000	.000	.000
X1	6786.200	78.000	4958.790	5028.100	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	143.240	143.310	.000
GR	158.020	4149.000	157.690	4166.600	156.620	4224.600	156.020	4257.000	154.020	4277.000
GR	152.020	4287.000	150.020	4315.000	148.450	4489.600	148.020	4537.000	146.020	4547.000
GR	144.020	4565.000	143.020	4635.000	142.020	4705.000	140.020	4745.000	139.520	4820.000
GR	138.790	4930.600	138.790	4931.000	138.020	4948.000	138.360	4958.770	138.360	4958.780
GR	138.360	4958.790	138.360	4958.800	138.360	4958.810	138.780	4972.000	137.890	4973.000
GR	136.470	4976.200	136.470	4976.210	136.250	4976.700	136.070	4977.100	136.020	4977.200
GR	136.010	4977.210	130.310	4988.600	129.070	4992.800	129.070	4992.810	128.810	4993.700
GR	128.810	4993.800	128.810	4993.810	128.670	5000.000	128.610	5002.500	125.840	5009.700
GR	125.830	5009.710	125.490	5010.600	125.570	5010.700	125.580	5010.710	131.810	5018.500
GR	137.270	5025.800	137.270	5025.810	137.940	5026.700	137.990	5026.800	138.000	5026.810
GR	138.650	5028.000	138.670	5028.070	138.670	5028.080	138.680	5028.090	138.680	5028.100
GR	138.680	5028.110	138.890	5028.800	138.740	5057.600	138.330	5135.000	138.020	5194.000
GR	138.230	5207.600	140.020	5324.000	140.810	5369.600	142.020	5439.000	142.590	5473.000
GR	143.060	5501.600	144.020	5559.000	144.790	5591.600	146.020	5644.000	148.020	5860.000
GR	148.020	5948.000	148.020	5986.000	150.020	6034.000	152.020	6069.000	154.020	6095.000
GR	156.020	6197.000	157.340	6480.600	158.020	6627.000	.000	.000	.000	.000
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.500	4755.000	.525	4900.000	.323	4985.000	.080	5015.000	.315
NH	5200.000	.525	5395.000	1.500	5481.000	.000	.000	.000	.000	.000

## Cross Section A

X1	7325.000	37.000	4985.000	5015.000	538.750	538.750	538.750	.000	.000	.000
GR	160.000	4502.000	158.000	4532.000	156.000	4622.000	154.000	4634.000	153.700	4654.000
GR	152.800	4714.000	152.170	4755.000	152.000	4766.000	150.800	4791.000	150.000	4816.000
GR	148.000	4839.000	146.000	4847.000	144.000	4865.000	142.000	4877.000	140.000	4887.000
GR	139.220	4900.000	138.200	4917.000	138.000	4935.000	135.700	4985.000	135.100	4988.000
GR	134.680	4995.000	134.260	4999.990	134.260	5000.000	134.700	5005.000	135.400	5010.000
GR	135.700	5015.000	137.370	5200.000	137.900	5258.000	138.000	5267.000	140.000	5295.000

GR	142.000	5323.000	144.000	5373.000	145.190	5395.000	145.900	5408.000	143.200	5438.000
GR	150.000	5463.000	160.000	5481.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	1.500	4665.000	.525	4841.250	.277	4971.750	.072	5028.250	.285
NH	5183.000	.525	5483.000	1.500	6475.110	.000	.000	.000	.000	.000
X1	8039.000	95.000	4971.750	5028.250	714.000	714.000	714.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	164.620	163.010	.000
GR	182.190	4091.000	177.190	4231.000	172.190	4330.000	160.150	4362.110	157.190	4370.000
GR	155.190	4385.000	153.190	4395.000	151.190	4400.000	149.190	4410.000	147.190	4432.000
GR	145.190	4454.000	146.190	4493.000	141.190	4535.000	139.190	4557.000	137.190	4582.000
GR	136.940	4665.000	136.590	4782.000	134.850	4841.240	134.850	4841.250	132.750	4868.240
GR	132.750	4868.250	132.750	4869.000	132.750	4869.750	132.750	4870.500	132.750	4871.240
GR	132.750	4871.250	132.750	4872.000	132.750	4872.750	132.750	4873.500	132.750	4874.240
GR	132.750	4874.250	134.900	4883.250	135.270	4889.250	134.870	4896.250	134.810	4916.250
GR	134.520	4936.250	133.550	4956.250	133.040	4971.750	131.370	4976.750	132.170	4979.250
GR	132.410	4980.000	132.410	4980.010	132.490	4980.250	132.490	4984.240	132.490	4984.250
GR	131.900	4988.490	131.900	4988.500	131.850	4988.850	131.860	4989.200	131.860	4989.210
GR	132.010	4993.440	132.010	4993.450	130.500	4997.690	130.490	4997.700	130.370	4998.050
GR	130.500	4998.400	130.500	4998.410	132.010	5002.650	132.010	5006.650	132.040	5006.890
GR	132.040	5006.900	132.180	5008.250	134.320	5028.250	135.100	5183.000	136.070	5375.250
GR	134.990	5382.240	134.990	5382.250	135.200	5383.000	135.410	5383.740	135.410	5383.750
GR	135.200	5384.500	134.990	5385.240	134.990	5385.250	135.260	5386.000	135.350	5386.250
GR	135.260	5386.750	135.120	5387.500	134.990	5388.240	134.990	5388.250	136.290	5394.250
GR	135.500	5413.240	135.500	5413.250	141.190	5467.000	141.720	5483.000	143.190	5527.000
GR	145.190	5597.000	147.190	5652.000	149.190	5710.000	151.190	5785.000	153.190	5835.000
GR	155.190	5875.000	157.190	5930.000	167.190	6105.000	172.190	6315.000	172.190	6475.110
SB	1.250	2.820	2.600	.000	20.000	1.000	201.900	2.070	136.000	130.360
NH	7.000	1.500	4665.000	.525	4841.250	.277	4979.250	.072	5008.250	.285
NH	5183.000	.525	5483.000	1.500	6475.110	.000	.000	.000	.000	.000

I-40

X1	8260.000	95.000	4979.250	5008.250	221.000	221.000	221.000	.000	.000	.000
X2	.000	.000	1.000	142.300	163.010	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	164.600	163.010	.000
BT	-95.000	4091.000	185.000	183.360	4231.000	180.000	178.360	4330.000	175.000	173.360
BT	.000	4362.110	185.000	161.320	4370.000	184.670	158.360	4385.000	184.050	156.360
BT	.000	4395.000	183.630	154.360	4400.000	183.430	152.360	4410.000	183.010	150.360
BT	.000	4432.000	182.100	148.360	4454.000	181.180	146.360	4493.000	179.560	147.360
BT	.000	4535.000	177.820	142.360	4557.000	176.910	140.360	4582.000	175.870	138.360
BT	.000	4665.000	172.420	138.110	4782.000	167.560	137.760	4841.240	165.100	136.020
BT	.000	4841.250	165.100	136.020	4868.240	165.000	133.920	4868.250	165.000	139.740
BT	.000	4869.000	165.000	141.720	4869.750	165.000	142.340	4870.500	164.990	142.640
BT	.000	4871.240	164.990	142.740	4871.250	164.990	142.740	4872.000	164.990	142.640
BT	.000	4872.750	164.980	142.340	4873.500	164.980	141.720	4874.240	164.980	139.770
BT	.000	4874.250	164.980	139.740	4883.250	164.950	136.070	4889.250	164.920	136.440
BT	.000	4896.250	164.900	136.040	4916.250	164.830	135.980	4936.250	164.750	135.690
BT	.000	4956.250	164.680	134.720	4971.750	164.620	134.210	4976.750	164.600	132.540
BT	.000	4979.250	164.600	133.340	4980.000	164.590	136.480	4980.010	164.590	142.180
BT	.000	4980.250	164.590	142.180	4984.240	164.580	142.180	4984.250	164.580	142.180
BT	.000	4988.490	164.560	142.180	4988.500	164.560	136.480	4988.850	164.560	133.020
BT	.000	4989.200	164.560	136.000	4989.210	164.560	141.700	4993.440	164.540	141.700

BT	.000	4993.450	164.540	141.700	4997.590	164.530	141.700	4997.700	164.530	136.000
BT	.000	4998.050	164.530	131.540	4998.400	164.530	136.000	4998.410	164.530	141.700
BT	.000	5002.650	164.510	141.700	5006.650	164.500	141.700	5006.890	164.490	141.700
BT	.000	5006.900	164.490	136.000	5008.250	164.490	133.350	5028.250	164.420	135.490
BT	.000	5183.000	163.850	136.270	5375.250	163.150	137.240	5382.240	163.120	136.160
BT	.000	5382.250	163.120	141.980	5383.000	163.120	143.960	5383.740	163.120	144.570
BT	.000	5383.750	163.120	144.580	5384.500	163.120	144.880	5385.240	163.110	144.980
BT	.000	5385.250	163.110	144.980	5386.000	163.110	144.880	5386.250	163.110	144.780
BT	.000	5386.750	163.110	144.580	5387.500	163.100	143.960	5388.240	163.100	142.010
BT	.000	5388.250	163.100	141.980	5394.250	163.080	137.460	5413.240	163.010	136.670
BT	.000	5413.250	163.010	136.670	5467.000	163.620	142.360	5483.000	163.800	142.890
BT	.000	5527.000	164.290	144.360	5597.000	165.080	146.360	5652.000	165.710	148.360
BT	.000	5710.000	166.360	150.360	5785.000	167.210	152.360	5835.000	167.770	154.360
BT	.000	5875.000	168.220	156.360	5930.000	168.840	158.360	6105.000	170.820	168.360
BT	.000	6315.000	175.010	173.360	6475.110	175.000	173.360	.000	.000	.000
GR	183.360	4091.000	178.360	4231.000	173.360	4330.000	161.320	4362.110	158.360	4370.000
GR	156.360	4385.000	154.360	4395.000	152.360	4400.000	150.360	4410.000	148.360	4432.000
GR	146.360	4454.000	147.360	4493.000	142.360	4535.000	140.360	4557.000	138.360	4582.000
GR	138.110	4665.000	137.760	4782.000	136.020	4841.240	136.020	4841.250	133.920	4868.240
GR	139.740	4868.250	137.760	4869.000	137.140	4869.750	136.840	4870.500	136.740	4871.240
GR	136.740	4871.250	136.840	4872.000	137.140	4872.750	137.760	4873.500	139.710	4874.240
GR	139.740	4874.250	136.070	4883.250	136.440	4889.250	136.040	4896.250	135.980	4916.250
GR	135.690	4936.250	134.720	4956.250	134.210	4971.750	132.540	4976.750	133.340	4979.250
GR	136.480	4980.000	136.480	4980.010	136.480	4980.250	136.480	4984.240	136.480	4984.250
GR	136.480	4988.450	136.480	4988.500	133.020	4988.850	136.000	4989.200	136.000	4989.210
GR	136.000	4993.440	136.000	4993.450	136.000	4997.690	136.000	4997.700	131.540	4998.050
GR	136.000	4998.400	136.000	4998.410	136.000	5002.650	136.000	5006.650	136.000	5006.890
GR	136.000	5006.900	133.350	5008.250	135.490	5028.250	136.270	5183.000	137.240	5375.250
GR	136.160	5382.240	141.980	5382.250	140.000	5383.000	139.390	5383.740	139.380	5383.750
GR	139.080	5384.500	138.980	5385.240	138.980	5385.250	139.080	5386.000	139.180	5386.250
GR	139.380	5386.750	140.000	5387.500	141.950	5398.240	141.980	5388.250	137.460	5394.250
GR	136.670	5413.240	136.670	5413.250	142.360	5467.000	142.890	5483.000	144.360	5527.000
GR	146.360	5597.000	148.360	5652.000	150.360	5710.000	152.360	5785.000	154.360	5835.000
GR	156.360	5875.000	158.360	5930.000	- .54	6105.000	173.360	6315.000	173.360	6475.110
NH	7.000	1.500	4665.000	.525	4841.7.	.277	4971.750	.072	5028.250	.285
NH	5183.000	.525	5483.000	1.500	6475.110	.000	.000	.000	.000	.000
X1	8711.000	95.000	4971.750	5028.250	451.000	451.000	451.000	.000	.000	.000
GR	188.220	4091.000	183.220	4231.000	178.220	4330.000	166.180	4362.110	163.220	4370.000
GR	161.220	4385.000	159.220	4395.000	157.220	4400.000	155.220	4410.000	153.220	4432.000
GR	151.220	4454.000	152.220	4493.000	147.220	4535.000	145.220	4557.000	143.220	4582.000
GR	142.970	4665.000	142.620	4782.000	140.880	4841.240	140.880	4841.250	138.780	4868.240
GR	138.780	4868.250	138.780	4869.000	138.780	4869.750	138.780	4870.500	138.780	4871.240
GR	138.780	4871.250	138.780	4872.000	138.780	4872.750	138.780	4873.500	138.780	4874.240
GR	138.780	4874.250	140.930	4883.250	141.300	4889.250	140.900	4896.250	140.840	4916.250
GR	140.550	4936.250	139.580	4956.250	139.070	4971.750	137.400	4976.750	138.200	4979.250
GR	138.440	4980.000	138.440	4980.010	138.520	4980.250	138.520	4984.240	138.520	4984.250
GR	137.930	4988.490	137.930	4988.500	137.880	4988.850	137.890	4989.200	137.890	4989.210
GR	138.040	4993.440	138.040	4993.450	136.530	4997.690	136.520	4997.700	136.400	4998.050
GR	136.530	4998.400	136.530	4998.410	138.040	5002.650	138.040	5006.650	138.070	5006.890
GR	138.070	5006.900	138.210	5008.250	140.350	5028.250	141.130	5183.000	142.100	5375.250
GR	141.020	5382.240	141.020	5382.250	141.230	5383.000	141.440	5383.740	141.440	5383.750
GR	141.230	5384.500	141.020	5385.240	141.020	5385.250	141.290	5386.000	141.380	5386.250
GR	141.290	5386.750	141.150	5387.500	141.020	5388.240	141.020	5388.250	142.320	5394.250

ELIMINATE  
FROM CODE.  
TOO CLOSE TO  
B-1.

GR	141.530	5413.240	141.530	5413.250	147.220	5467.000	147.750	5483.000	149.220	5527.000
GR	151.220	5597.000	153.220	5652.000	155.220	5710.000	157.220	5785.000	159.220	5835.000
GR	161.220	5875.000	163.220	5930.000	173.220	6105.000	178.220	6315.000	178.220	6475.110
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	8.000	1.500	4530.000	.525	4830.000	.315	4980.000	.072	5020.000	.323
NH	5150.000	.420	5230.000	.525	5480.000	1.500	5908.000	.000	.000	.000

## Cross Section B-1

X1	8800.000	38.000	4980.000	5020.000	89.000	89.000	89.000	.000	.000	.000
GR	165.000	4376.000	160.600	4530.000	160.000	4551.000	158.000	4631.000	156.000	4651.000
GR	154.000	4661.000	152.000	4681.000	150.000	4691.000	148.000	4720.000	146.000	4750.000
GR	144.000	4795.000	143.130	4830.000	142.000	4875.000	140.000	4965.000	138.760	4980.000
GR	138.050	4982.000	137.100	4987.000	136.480	4997.000	136.660	5000.000	137.130	5008.000
GR	137.910	5015.000	138.050	5018.000	139.250	5020.000	138.600	5045.000	139.610	5150.000
GR	140.000	5190.000	142.000	5230.000	144.000	5360.000	146.000	5440.000	147.140	5480.000
GR	148.000	5510.000	150.000	5550.000	152.000	5610.000	154.000	5710.000	156.000	5765.000
GR	158.000	5803.000	160.000	5833.000	165.000	5908.000	.000	.000	.000	.000
NH	8.000	1.500	4635.000	.525	4770.000	.323	4921.000	.072	5096.000	.315
NH	5120.000	.420	5401.000	.525	5535.000	1.500	5698.000	.000	.000	.000

## Cross Section B

X1	9625.000	42.000	4921.000	5096.000	825.000	825.000	825.000	.000	.000	.000
GR	165.000	4520.000	161.170	4635.000	160.000	4670.000	158.000	4675.000	156.000	4684.000
GR	154.000	4693.000	152.000	4703.000	150.000	4713.000	148.000	4719.000	146.000	4728.000
GR	144.000	4737.000	142.000	4745.000	141.000	4752.000	140.900	4770.000	140.100	4921.000
GR	139.760	4981.500	139.050	4983.500	138.100	4988.500	137.480	4998.500	137.570	5000.000
GR	138.130	5009.500	138.910	5016.500	139.050	5019.500	140.250	5021.500	139.600	5046.500
GR	141.000	5096.000	141.370	5120.000	142.000	5161.000	144.000	5226.000	144.200	5238.000
GR	146.000	5266.000	148.000	5311.000	150.000	5341.000	150.300	5359.000	152.000	5401.000
GR	154.000	5473.000	155.300	5493.000	156.000	5523.000	156.440	5535.000	158.000	5578.000
GR	160.000	5613.000	165.000	5698.000	.000	.000	.000	.000	.000	.000
NH	8.000	.525	4673.000	.420	4780.000	.345	4930.000	.315	4981.500	.072
NH	5021.500	.323	5170.000	.525	5340.000	1.500	5668.000	.000	.000	.000

## Cross Section B-2

X1	10550.000	35.000	4981.500	5021.500	925.000	925.000	925.000	.000	.000	.000
GR	165.000	4538.000	160.000	4663.000	158.000	4673.000	156.000	4690.000	154.000	4700.000
GR	152.000	4710.000	150.000	4730.000	148.000	4745.000	146.000	4760.000	144.000	4770.000
GR	142.000	4780.000	140.700	4930.000	140.260	4981.500	139.550	4983.500	138.600	4988.500
GR	137.980	4998.500	138.070	5000.000	138.630	5009.500	139.410	5015.500	139.550	5019.500
GR	140.750	5021.500	140.100	5046.500	141.150	5170.000	142.000	5270.000	144.000	5305.000
GR	145.170	5340.000	146.000	5365.000	148.000	5395.000	150.000	5430.000	152.000	5440.000
GR	154.000	5480.000	156.000	5510.000	158.000	5538.000	160.000	5568.000	165.000	5668.000



GR	137.510	4978.500	136.470	4992.500	135.400	4993.500	135.400	4993.510	135.400	4995.000
GR	135.400	4998.500	135.400	4999.000	135.400	5003.480	135.400	5003.490	135.400	5003.500
GR	135.400	5004.500	135.400	5004.510	135.400	5009.490	135.400	5009.500	135.400	5011.480
GR	135.400	5014.490	135.400	5014.500	135.400	5015.500	135.400	5015.510	135.400	5020.490
GR	135.400	5020.500	135.400	5025.490	135.400	5025.500	137.710	5026.300	137.770	5033.500
GR	139.190	5215.000	141.110	5460.000	144.000	5828.000	146.000	5876.000	148.000	5984.000
GR	148.760	6060.000	149.280	6112.000	150.000	6184.000	151.510	6237.000	152.000	6254.000
GR	153.530	6315.000	154.000	6334.000	155.630	6387.000	156.000	6399.000	156.930	6469.000
GR	157.800	6534.000	158.000	6549.000	159.570	6596.000	160.000	6609.000	162.000	6669.000
GR	164.000	6714.000	166.000	6784.000	168.000	6849.000	170.000	6924.000	.000	.000

NH	6.000	.525	4970.000	.330	4978.500	.072	5026.300	.345	5215.000	.420
NH	5460.000	.525	6060.000	.000	.000	.000	.000	.000	.000	.000
X1	12109.000	64.000	4978.500	5026.300	564.000	564.000	564.000	.000	.000	.000
GR	168.760	4532.000	166.760	4592.000	165.360	4641.000	164.760	4662.000	162.760	4722.000
GR	160.760	4732.000	158.760	4743.000	158.430	4746.000	156.760	4761.000	154.760	4773.000
GR	152.760	4788.000	150.760	4838.000	149.340	4870.000	148.760	4883.000	144.180	4934.500
GR	140.270	4978.500	139.230	4992.500	138.800	4993.500	138.800	4993.510	138.160	4995.000
GR	138.160	4998.500	138.160	4999.000	138.160	5003.480	138.160	5003.490	138.160	5003.500
GR	138.160	5004.500	138.160	5004.510	138.160	5009.490	138.160	5009.500	138.160	5014.480
GR	138.160	5014.490	138.160	5014.500	138.160	5015.500	138.160	5015.510	138.160	5020.490
GR	138.160	5020.500	140.150	5025.490	140.150	5025.500	140.470	5026.300	140.530	5033.500
GR	141.950	5215.000	143.870	5460.000	146.760	5828.000	148.760	5876.000	150.760	5984.000
GR	151.520	6060.000	152.040	6112.000	152.760	6184.000	154.270	6237.000	154.760	6254.000
GR	156.290	6315.000	156.760	6334.000	158.390	6387.000	158.760	6399.000	159.690	6469.000
GR	160.560	6534.000	160.760	6549.000	162.330	6596.000	162.760	6609.000	164.760	6669.000
GR	166.760	6714.000	168.760	6784.000	170.760	6849.000	172.760	6924.000	.000	.000

NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	8.000	.525	4725.000	.420	4800.000	.255	4860.000	.345	4990.000	.072
NH	5010.000	.248	5110.000	.525	5230.000	1.500	6340.000	.000	.000	.000

Cross Section C-1

X1	12325.000	31.000	4990.000	5010.000	215.500	215.500	215.500	.000	.000	.000
GR	162.000	4680.000	160.000	4705.000	158.000	4725.000	156.000	4740.000	154.000	4760.000
GR	152.000	4780.000	150.670	4800.000	150.000	4810.000	148.000	4830.000	146.000	4850.000
GR	144.000	4860.000	143.500	4990.000	139.910	4995.000	139.210	4999.990	139.210	5000.000
GR	140.270	5005.000	143.500	5010.000	143.670	5110.000	143.870	5230.000	144.000	5310.000
GR	146.000	5445.000	148.000	5625.000	150.000	5655.000	152.000	5740.000	154.000	5850.000
GR	156.000	5900.000	158.000	6010.000	160.000	6075.000	162.000	6170.000	164.000	6250.000
GR	166.000	6340.000	.000	.000	.000	.000	.000	.000	.000	.000

NH	8.000	1.500	4455.000	.525	4707.000	.248	4990.000	.072	5010.000	.255
NH	5230.000	.420	5323.000	.525	5510.000	1.500	6090.000	.000	.000	.000

Cross Section C

X1	13045.000	48.000	4990.000	5010.000	720.000	720.000	720.000	.000	.000	.000
GR	177.800	4014.000	172.800	4119.000	170.000	4161.000	168.000	4182.000	166.000	4212.000
GR	164.000	4232.000	162.300	4264.000	160.000	4299.000	159.200	4311.000	158.000	4331.000
GR	156.000	4383.000	155.200	4405.000	154.000	4443.000	152.000	4455.000	150.000	4477.000
GR	149.000	4499.000	148.000	4529.000	146.000	4611.000	145.100	4643.000	144.000	4673.000
GR	143.800	4693.000	143.800	4707.000	143.700	4990.000	140.110	4995.000	139.410	4999.990

4978 5520

4780 5380  
4680 5200  
5220

10.41 DEFAULT  
4715 5135  
4500 5240

GR	139,410	5000,000	140,470	5005,000	143,700	5010,000	143,800	5095,000	144,000	5106,000
GR	146,000	5206,000	146,920	5230,000	148,000	5258,000	150,000	5323,000	152,000	5345,000
GR	154,000	5405,000	155,200	5463,000	155,390	5510,000	155,700	5588,000	156,000	5666,000
GR	158,000	5736,000	160,000	5851,000	162,000	5912,000	162,900	5937,000	164,000	5965,000
GR	166,000	6010,000	168,000	6055,000	170,000	6090,000				
NH	8,000	1,500	488,000	.525	4698,000	.248	4985,000	.072	5015,000	.255
NH	5130,000	.420	5400,000	.525	5650,000	1,500	6027,000	.000		
Cross Section D										
X1	14113,000	36,000	4985,000	5015,000	1068,000	1068,000	1068,000			
GR	170,000	4488,000	168,000	4513,000	166,000	4540,000	164,000	4571,000	162,000	4593,000
GR	160,000	4623,000	158,000	4638,000	156,000	4649,000	154,000	4659,000	152,000	4671,000
GR	150,000	4686,000	148,000	4698,000	146,000	4715,000	144,000	4715,000	143,290	4990,000
GR	142,900	4995,000	142,470	4999,990	142,470	5000,000	142,520	5005,000	143,210	5010,000
GR	142,000	5015,000	146,000	5130,000	148,000	5260,000	149,750	5400,000	150,000	5420,000
GR	152,000	5491,000	154,000	5562,000	156,000	5605,000	156,970	5650,000	158,000	5698,000
GR	160,000	5748,000	162,000	5783,000	164,000	5835,000	166,000	5905,000	168,000	5956,000
GR	170,000	6027,000								
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	6,000	.525	4750,000	.225	4972,000	.080	5015,500	.255	5178,000	.420
NH	5410,000	.525	5662,000	.000	.000	.000	.000	.000	.000	.000
X1	14969,000	62,000	4972,000	5015,500	856,000	856,000	856,000			
X3	10,000	.000	.000	.000	.000	.000	.000	152,560	.000	.000
GR	164,420	4260,000	164,420	4380,000	164,420	4412,000	164,420	4430,000	164,420	4467,000
GR	162,420	4472,000	162,060	4477,000	160,420	4500,000	158,420	4522,000	156,420	4534,000
GR	154,420	4562,000	152,420	4574,000	150,420	4603,000	148,420	4625,000	146,420	4640,000
GR	144,420	4649,000	142,420	4664,000	140,420	4732,000	140,420	4750,000	140,420	4922,000
GR	140,420	4957,250	140,420	4972,000	139,230	4987,500	139,230	4987,750	139,230	4987,760
GR	139,230	4993,500	139,230	4993,750	139,230	4999,500	139,230	4999,750	139,230	4999,740
GR	139,230	4999,750	139,230	4999,750	139,230	5000,000	139,230	5005,500	139,230	5005,750
GR	140,620	5011,500	140,160	5011,740	140,200	5011,750	141,170	5012,000	140,670	5015,500
GR	146,420	5397,000	146,770	5410,000	148,420	5472,000	150,420	5567,000	152,420	5662,000
GR	153,980	5723,000	154,420	5740,000	156,420	5781,000	156,760	5798,000	157,660	5843,000
GR	158,420	5881,000	158,860	5893,000	160,420	5936,000	161,410	5978,000	162,420	6021,000
GR	162,420	6156,000	164,420	6181,000						
NH	6,000	.525	4750,000	.225	4972,000	.080	5015,500	.255	5178,000	.420
NH	5410,000	.525	5662,000	.000	.000	.000	.000	.000	.000	.000
X1	14970,000	62,000	4987,750	5011,750	1,000	1,000	1,000			
X3	10,000	.000	.000	.000	.000	.000	.000	152,560	.000	.000
BT	-62,000	4260,000	170,020	170,000	4380,000	170,010	170,000	4412,000	170,010	170,000
BT	.000	4430,000	170,010	170,010	4467,000	170,010	170,000	4472,000	168,010	168,000
BT	.000	4477,000	167,650	167,640	4500,000	166,010	166,000	4522,000	164,010	164,000
BT	.000	4534,000	162,010	162,000	4562,000	160,010	160,000	4574,000	158,500	158,000
BT	.000	4603,000	158,050	156,000	4625,000	157,710	154,000	4640,000	157,470	152,000
BT	.000	4649,000	157,340	150,000	4664,000	157,100	148,000	4732,000	156,050	146,000
BT	.000	4750,000	155,770	146,000	4922,000	153,110	146,000	4957,250	152,560	146,000
BT	.000	4972,000	152,580	146,000	4987,500	152,600	144,810	4987,750	152,600	139,230
BT	.000	4987,760	152,600	149,230	4993,500	152,600	149,230	4993,750	152,610	149,230
BT	.000	4999,500	152,610	149,230	4999,750	152,610	149,230	4999,740	152,610	139,230

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CHANGE  
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GR	168.000	4472.000	167.640	4477.000	166.000	4500.000	164.000	4522.000	162.000	4534.000
GR	160.000	4562.000	158.000	4574.000	156.000	4603.000	154.000	4625.000	152.000	4640.000
GR	150.000	4649.000	148.000	4664.000	146.000	4732.000	146.000	4750.000	146.000	4922.000
GR	146.000	4957.250	146.000	4972.000	144.810	4987.500	139.230	4987.750	139.230	4987.760
GR	139.230	4993.500	139.230	4993.750	139.230	4999.500	139.230	4999.730	139.230	4999.740
GR	139.230	4999.750	139.230	4999.760	139.230	5000.000	139.230	5005.500	139.230	5005.750
GR	139.230	5011.500	139.230	5011.740	139.230	5011.750	146.750	5012.000	146.250	5015.500
GR	146.200	5038.250	146.000	5140.000	146.610	5178.000	148.000	5265.000	150.000	5272.000
GR	152.000	5397.000	152.350	5410.000	154.000	5472.000	156.000	5567.000	158.000	5662.000
GR	159.560	5723.000	160.000	5740.000	162.000	5781.000	162.340	5798.000	163.240	5843.000
GR	164.000	5881.000	164.440	5893.000	166.000	5936.000	166.990	5978.000	168.000	6021.000
GR	168.000	6156.000	170.000	6181.000	.000	.000	.000	.000	.000	.000

NH	6.000	.525	4750.000	.225	4972.000	.080	5015.500	.255	5178.000	.420
NH	5410.000	.525	5662.000	.000	.000	.000	.000	.000	.000	.000
X1	15009.000	62.000	.972.000	5015.500	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.00	.000	.000	.000	.000	.000	152.560	152.630	.000
GR	164.440	4260.000	164.440	4380.000	164.440	4412.000	164.440	4430.000	164.440	4467.000
GR	162.440	4472.000	162.080	4477.000	160.440	4500.000	158.440	4522.000	156.440	4534.000
GR	154.440	4562.000	152.440	4574.000	150.440	4603.000	148.440	4625.000	146.440	4640.000
GR	144.440	4649.000	142.440	4664.000	140.440	4732.000	140.440	4750.000	140.440	4922.000
GR	140.440	4957.250	140.440	4972.000	139.250	4987.500	139.250	4987.750	139.250	4987.760
GR	139.250	4993.500	139.250	4993.750	139.250	4999.500	139.250	4999.730	139.250	4999.740
GR	139.250	4999.750	139.250	4999.760	139.250	5000.000	139.250	5005.500	139.250	5005.750
GR	139.250	5011.500	140.180	5011.740	140.220	5011.750	141.190	5012.000	140.690	5015.500
GR	140.640	5038.250	140.440	5140.000	141.050	5178.000	142.440	5265.000	144.440	5272.000
GR	146.440	5397.000	146.790	5410.000	148.440	5472.000	150.440	5567.000	152.440	5662.000
GR	154.000	5723.000	154.440	5740.000	156.440	5781.000	156.780	5798.000	157.680	5843.000
GR	158.440	5881.000	158.880	5893.000	160.440	5936.000	161.430	5978.000	162.440	6021.000
GR	162.440	6156.000	164.440	6181.000	.000	.000	.000	.000	.000	.000

NH	7.000	1.500	4620.000	.525	4822.000	.263	4991.500	.080	5008.500	.255
NH	5300.000	.525	5535.000	1.500	5782.000	.000	.000	.000	.000	.000

Cross Section E

X1	15349.000	41.000	4991.500	5008.500	340.000	340.000	340.000	.000	.000	.000
GR	177.500	4272.000	170.000	4452.000	168.000	4463.000	166.000	4478.000	165.000	4487.000
GR	164.000	4498.000	162.000	4518.000	160.000	4539.000	158.000	4569.000	156.000	4600.000
GR	155.000	4620.000	154.000	4642.000	152.000	4707.000	150.000	4737.000	148.000	4762.000
GR	146.800	4775.000	146.990	4822.000	147.670	4991.500	145.240	4996.500	144.910	5000.000
GR	144.770	5001.500	145.160	5006.500	147.670	5008.500	146.400	5250.000	147.540	5300.000
GR	148.000	5320.000	149.600	5325.000	150.000	5335.000	152.000	5383.000	154.000	5418.000
GR	154.600	5426.000	156.000	5458.000	158.000	5495.000	160.000	5523.000	160.400	5535.000
GR	160.900	5550.000	166.000	5560.000	168.000	5588.000	168.600	5608.000	170.000	5647.000
GR	176.100	5782.000	.000	.000	.000	.000	.000	.000	.000	.000

NH	7.000	1.500	4630.000	.525	4850.000	.255	4991.500	.080	5008.500	.263
NH	5250.000	.525	5470.000	1.500	5490.000	.000	.000	.000	.000	.000

4972 5016

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4900 5230

Cross Section E-1

X1	16099.000	35.000	4991.500	5008.500	750.000	750.000	750.000	750.000	.000	.000	.000	.000	.000
GR	170.000	4165.000	168.000	4220.000	166.000	4260.000	164.000	162.000	4315.000	162.000	4365.000	162.000	4365.000
GR	160.000	4415.000	158.000	4470.000	156.000	4515.000	154.000	152.000	4550.000	152.000	4560.000	152.000	4560.000
GR	150.000	4580.000	149.170	4630.000	148.000	4700.000	147.810	147.640	4850.000	147.640	4991.500	147.640	4991.500
GR	146.700	4993.500	146.480	4998.500	146.540	5000.000	146.700	147.990	5004.500	147.990	5008.500	147.990	5008.500
GR	147.320	5033.500	148.000	5185.000	150.000	5230.000	151.330	152.000	5250.000	152.000	5260.000	152.000	5260.000
GR	154.000	5290.000	156.000	5320.000	158.000	5350.000	160.000	162.000	5370.000	162.000	5390.000	162.000	5390.000
GR	164.000	5410.000	166.000	5430.000	168.000	5450.000	169.000	170.000	5470.000	170.000	5490.000	170.000	5490.000
NH	7.000	1.500	4650.000	.525	4845.000	.263	4991.500	.080	5008.500	.255	5008.500	.255	5008.500
NH	5212.000	.525	5385.000	1.500	5593.000	.000	.000	.000	.000	.000	.000	.000	.000

4740 5180  
 2310  
 4045 845  
 4795 5125  
 4795

Cross Section F

X1	16634.000	34.000	4991.500	5008.500	535.000	535.000	535.000	535.000	.000	.000	.000	.000	.000
GR	170.000	4413.000	168.000	4465.000	166.000	4507.000	164.000	162.000	4546.000	162.000	4581.000	162.000	4581.000
GR	160.000	4620.000	158.000	4650.000	156.000	4666.000	154.000	152.000	4703.000	152.000	4742.000	152.000	4742.000
GR	150.000	4787.000	148.000	4835.000	147.910	4845.000	146.530	145.590	4991.500	145.590	4993.500	145.590	4993.500
GR	145.370	4998.500	145.420	5000.000	145.590	5004.500	146.880	146.210	5008.500	146.210	5033.500	146.210	5033.500
GR	148.000	5165.000	149.180	5212.000	150.000	5245.000	152.000	154.000	5259.000	154.000	5279.000	154.000	5279.000
GR	156.000	5291.000	158.000	5331.000	160.000	5353.000	161.420	162.000	5385.000	162.000	5398.000	162.000	5398.000
GR	164.000	5466.000	166.000	5503.000	168.000	5538.000	170.000	.000	5593.000	.000	.000	.000	.000
NH	7.000	1.500	4646.000	.525	4836.000	.263	4992.000	.080	5016.000	.255	5016.000	.255	5016.000
NH	5222.000	.525	5494.000	1.500	5630.000	.000	.000	.000	.000	.000	.000	.000	.000
OT	5.000	378.000	790.000	1036.000	1945.000	1036.000	.000	.000	.000	.000	.000	.000	.000

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 4045 5450  
 4050 5460  
 4090 5470

Cross Section G

X1	17329.000	34.000	4992.000	5016.000	695.000	695.000	695.000	695.000	.000	.000	.000	.000	.000
GR	170.000	4585.000	168.000	4614.000	166.000	4646.000	164.000	162.000	4664.000	162.000	4693.000	162.000	4693.000
GR	160.000	4715.000	158.000	4740.000	156.000	4765.000	154.400	154.000	4793.000	154.000	4814.000	154.000	4814.000
GR	152.000	4836.000	150.000	4861.000	149.800	4923.000	148.700	147.520	4992.000	147.520	4995.000	147.520	4995.000
GR	146.750	4999.990	146.750	5000.000	147.520	5005.000	146.580	146.310	5010.000	146.310	5015.000	146.310	5015.000
GR	148.800	5016.000	148.800	5222.000	150.000	5250.000	152.000	154.000	5278.000	154.000	5288.000	154.000	5288.000
GR	156.000	5350.000	158.000	5411.000	159.100	5441.000	160.000	162.000	5456.000	162.000	5494.000	162.000	5494.000
GR	164.000	5529.000	166.000	5559.000	168.000	5604.000	170.000	.000	5630.000	.000	.000	.000	.000
NH	9.000	1.500	4722.000	.525	4870.000	.225	4993.500	.072	5040.000	.195	5040.000	.195	5040.000
NH	5070.000	.263	5300.000	.525	5400.000	.450	5470.000	1.500	5520.000	.000	.000	.000	.000

10.4-1

Cross Section G-1

X1	17854.000	36.000	4993.500	5060.000	525.000	525.000	525.000	525.000	.000	.000	.000	.000	.000
GR	170.000	4309.000	168.000	4339.000	166.000	4360.000	164.000	162.000	4400.000	162.000	4415.000	162.000	4415.000
GR	160.000	4430.000	158.000	4450.000	156.000	4470.000	154.000	152.000	4500.000	152.000	4550.000	152.000	4550.000
GR	150.140	4722.000	150.000	4735.000	150.000	4870.000	150.000	150.000	4955.000	150.000	4975.000	150.000	4975.000
GR	151.180	4993.500	150.000	4996.500	149.460	5000.000	149.230	150.000	5001.500	150.000	5006.500	150.000	5006.500
GR	149.060	5011.500	148.790	5016.500	152.000	5060.000	152.570	154.000	5070.000	154.000	5095.000	154.000	5095.000
GR	156.000	5130.000	158.000	5160.000	160.000	5200.000	162.000	164.000	5240.000	164.000	5290.000	164.000	5290.000
GR	164.290	5300.000	166.000	5360.000	167.000	5400.000	168.000	168.750	5440.000	168.750	5470.000	168.750	5470.000

GR	170.000	5520.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	6.000	1.500	4800.000	.525	4870.000	.225	4993.500	.072	5099.000	.195
NH	5224.000	.450	5314.000	.000	.000	.000	.000	.000	.000	.000

Cross Section G-2

X1	18389.000	29.000	4993.500	5099.000	535.000	535.000	535.000	.000	.000	.000
GR	170.000	4485.000	168.000	4525.000	166.000	4575.000	164.000	4595.000	162.000	4610.000
GR	160.000	4620.000	158.000	4670.000	156.000	4710.000	154.000	4740.000	152.000	4760.000
GR	151.860	4800.000	151.610	4870.000	151.180	4993.500	150.000	4996.500	149.460	5000.000
GR	149.230	5001.500	150.000	5006.500	149.060	5011.500	148.790	5016.500	152.000	5099.000
GR	154.000	5119.000	156.000	5129.000	158.000	5149.000	.000	5169.000	162.000	5184.000
GR	164.000	5224.000	166.000	5259.000	168.000	5284.000	.000	5314.000	.000	.000
NH	7.000	1.500	4630.000	.450	4781.000	.14	.000	.072	5006.500	.225
NH	5157.000	.525	5485.000	1.500	5807.000	.000	.000	.000	.000	.000

Cross Section H

X1	19204.000	37.000	4993.500	5006.500	815.000	815.000	815.000	.000	.000	.000
GR	180.400	4305.000	176.700	4457.000	173.200	4588.000	170.000	4630.000	168.000	4652.000
GR	166.000	4672.000	165.000	4683.000	164.000	4691.000	162.000	4703.000	160.000	4718.000
GR	158.000	4735.000	156.000	4760.000	154.000	4781.000	153.600	4789.000	152.200	4889.000
GR	152.000	4991.000	151.880	4993.500	150.850	4996.500	150.680	4999.500	150.700	5000.000
GR	150.850	5004.500	152.130	5006.500	152.000	5012.000	154.000	5157.000	156.000	5189.000
GR	158.000	5220.000	160.000	5239.000	160.800	5261.000	162.000	5283.000	164.000	5348.000
GR	166.000	5378.000	167.200	5397.000	168.000	5428.000	170.000	5438.000	172.040	5485.000
GR	175.500	5565.000	184.400	5807.000	.000	.000	.000	.000	.000	.000
NH	4.000	1.500	4530.000	.525	4830.000	.255	4900.000	.225	4993.500	.072
NH	5006.500	.195	5190.000	.450	5410.000	1.500	5580.000	.000	.000	.000

Cross Section H-1

X1	20004.000	28.000	4993.500	5006.500	800.000	800.000	800.000	.000	.000	.000
GR	170.000	4450.000	168.000	4500.000	166.000	4510.000	165.560	4530.000	164.000	4600.000
GR	162.000	4660.000	160.000	4710.000	158.000	4790.000	156.400	4830.000	156.000	4840.000
GR	155.170	4900.000	153.880	4993.500	152.850	4996.500	152.680	4999.500	152.700	5000.000
GR	152.850	5004.500	154.130	5006.500	153.110	5026.500	156.000	5175.000	156.670	5190.000
GR	158.000	5220.000	160.000	5270.000	162.000	5330.000	164.000	5390.000	164.670	5410.000
GR	166.000	5450.000	168.000	5520.000	170.000	5580.000	.000	.000	.000	.000
NH	7.000	1.500	4702.000	.525	4836.000	.263	4993.000	.080	5007.000	.255
NH	5135.000	.525	5321.000	1.500	5603.000	.000	.000	.000	.000	.000

Cross Section I

X1	20854.000	33.000	4993.000	5007.000	850.000	850.000	850.000	.000	.000	.000
GR	176.300	4527.000	173.500	4636.000	170.000	4681.000	168.000	4702.000	167.100	4714.000
GR	166.000	4726.000	164.000	4756.000	162.000	4798.000	160.000	4836.000	159.600	4848.000
GR	158.000	4878.000	156.000	4918.000	154.390	4992.990	154.000	4993.000	151.790	4995.000
GR	151.610	5000.000	151.540	5002.000	151.790	5005.000	154.000	5007.000	153.620	5014.000
GR	154.990	5017.000	155.410	5032.000	155.860	5135.000	156.000	5167.000	156.500	5195.000

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GR	158,000	5223,000	160,000	5251,000	162,000	5273,000	164,000	5301,000	166,000	5321,000
GR	168,000	5348,000	170,000	5378,000	177,500	5603,000	.000	.000	.000	.000
NH	6,000	.525	4892,000	.263	4995,500	.000	5004,500	.255	5120,000	.525
NH	5216,000	1,500	5256,000	.000	.000	.000	.000	.000	.000	.000

Cross Section J

X1	21859,000	20,000	4995,500	5004,500	1005,000	1005,000	1005,000	4880,000	160,000	4892,000
GR	170,000	4830,000	168,000	4842,000	166,000	4850,000	162,000	4880,000	160,000	4892,000
GR	158,000	4932,000	156,720	4995,500	155,270	4996,500	154,900	5060,000	154,850	5000,500
GR	155,270	5002,500	157,280	5004,500	157,680	5029,500	160,450	5090,000	160,450	5120,000
GR	162,000	5139,000	164,000	5156,000	166,000	5176,000	168,000	5216,000	170,000	5256,000
NH	5,000	.525	4938,000	.248	4969,000	.080	5034,500	.240	5070,000	.525
NH	5200,000	.000	4969,000	.000	389,000	.000	.000	.000	.000	.000
X1	22248,000	42,000	4969,000	5034,500	389,000	389,000	389,000	4605,000	169,480	4805,000
GR	185,880	3222,500	184,480	3465,000	179,480	4505,000	174,480	4605,000	163,710	4965,500
GR	168,950	4833,500	167,480	4913,000	165,480	4938,000	164,560	4952,500	155,280	4988,010
GR	163,480	4969,000	161,480	4980,000	155,280	4987,990	155,280	4988,000	155,280	4998,010
GR	155,280	4993,000	155,280	4997,980	155,280	4997,990	155,280	4998,000	155,280	4999,500
GR	155,280	4999,990	155,280	5000,000	155,280	5000,010	155,280	5005,000	155,280	5006,500
GR	155,280	5009,500	155,280	5009,990	155,340	5010,000	158,430	5034,490	158,430	5034,500
GR	159,560	5052,500	160,660	5070,000	163,480	5115,000	164,950	5158,500	165,480	5174,000
GR	166,500	5200,000	167,480	5225,000	169,480	5275,000	174,480	5525,000	179,480	5625,000
GR	183,340	6126,500	184,480	6275,000	.000	.000	.000	.000	.000	.000

NH	5,000	.525	4938,000	.300	4969,000	.080	5034,500	.000	5070,000	.000
NH	5200,000	.000	4938,000	.248	4969,000	.080	5034,500	.240	5070,000	.525
X1	22708,000	42,000	4969,000	5034,500	460,000	460,000	460,000	167,640	170,000	4805,000
X3	10,000	.000	185,000	.000	180,000	.000	175,000	167,730	170,000	4805,000
GR	186,400	3222,500	185,000	3465,000	180,000	4505,000	175,000	4605,000	170,000	4805,000
GR	169,470	4833,500	168,000	4913,000	166,000	4938,000	165,060	4952,500	164,230	4965,500
GR	164,000	4969,000	162,000	4980,000	155,800	4987,990	155,800	4988,000	155,800	4988,010
GR	155,800	4993,000	155,800	4997,980	155,800	4997,990	155,800	4998,000	155,800	4999,500
GR	155,800	4999,990	155,800	5000,000	155,800	5000,010	155,800	5005,000	155,800	5006,500
GR	155,800	5009,500	155,860	5009,990	155,860	5010,000	158,950	5034,490	158,950	5034,500
GR	160,080	5052,500	161,180	5070,000	164,000	5115,000	165,470	5158,500	166,000	5174,000
GR	167,020	5200,000	168,000	5225,000	170,000	5275,000	175,000	5525,000	180,000	5625,000
GR	183,860	6126,500	185,000	6275,000	.000	.000	.000	.000	.000	.000

NH	5,000	.525	4938,000	.248	4969,000	.080	5034,500	.240	5070,000	.525
NH	5200,000	.000	4938,000	.000	4969,000	.000	5034,500	.000	5070,000	.000
X1	22709,000	42,000	4988,000	5010,000	1,000	1,000	1,000	167,640	180,010	180,000
X3	10,000	.000	186,420	.000	186,400	.000	185,010	167,700	180,010	180,000
BT	.000	4605,000	175,010	175,000	4805,000	170,290	170,000	4833,500	170,000	4833,500
BT	.000	4913,000	168,660	168,000	4938,000	168,240	166,000	4952,500	168,000	165,060
BT	.000	4965,500	167,640	164,230	4969,000	167,640	164,000	4980,000	167,660	162,000
BT	.000	4987,990	167,670	155,800	4988,000	167,670	163,800	4984,010	167,670	163,800
BT	.000	4993,000	167,680	163,800	4997,980	167,680	163,800	4997,990	167,680	155,800
BT	.000	4998,000	167,680	155,800	4999,500	167,680	155,800	4999,990	167,680	155,800
BT	.000	5000,000	167,690	155,800	5000,010	167,690	163,800	5005,000	167,690	163,800

BT	.000	5006,500	167,690	163,800	5009,500	167,700	163,800	5009,990	167,700	163,800	5009,990	167,700	163,800
BT	.000	5010,000	167,700	155,800	5034,490	167,730	158,950	5034,500	167,730	158,950	5034,500	167,730	158,950
BT	.000	5052,500	168,000	160,080	5070,000	168,330	161,180	5115,000	169,180	164,000	4998,000	170,680	167,020
BT	.000	5158,500	170,000	165,470	5174,000	170,250	166,000	5200,000	170,680	175,000	5225,000	176,020	175,000
BT	.000	5225,000	171,090	168,000	5275,000	171,910	170,000	5525,000	176,020	185,000	6275,000	185,020	185,000
BT	.000	5625,000	180,010	180,000	6126,500	185,900	183,860	6275,000	185,020	185,000	6275,000	185,000	185,000
GR	186,400	3222,500	165,000	4913,000	180,000	4505,000	175,000	4605,000	170,000	4952,500	4605,000	170,000	4952,500
GR	169,470	4833,500	168,000	4913,000	166,000	4938,000	165,060	4952,500	164,230	4952,500	4952,500	164,230	4952,500
GR	164,000	4969,090	162,000	4980,000	155,800	4987,990	155,800	4998,000	155,800	4998,000	4998,000	155,800	4998,000
GR	155,800	4993,000	155,800	4997,980	155,800	4997,990	155,800	4998,000	155,800	4998,000	4998,000	155,800	4998,000
GR	155,800	4999,990	155,800	5000,000	155,800	5000,010	155,800	5005,000	155,800	5005,000	5005,000	155,800	5005,000
GR	155,800	5009,500	155,800	5009,990	155,800	5010,000	158,950	5034,490	158,950	5034,500	5034,500	158,950	5034,500
GR	160,080	5052,500	161,180	5070,000	164,000	5115,000	165,470	5158,500	166,000	5174,000	5174,000	166,000	5174,000
GR	167,020	5200,000	168,000	5225,000	170,000	5275,000	175,000	5525,000	180,000	5625,000	5625,000	180,000	5625,000
GR	183,860	6126,500	185,000	6275,000	.000	.000	.000	.000	.000	.000	.000	.000	.000

May 13

NH	5,000	.525	4938,000	.248	4969,000	.080	5034,500	.240	5070,000	.525
NH	5200,000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	22752,000	42,000	4969,000	5034,500	1,000	1,000	1,000	167,640	167,730	.000
X3	10,000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	186,410	3222,500	185,010	3465,000	180,010	4505,000	175,010	4605,000	170,010	4805,000
GR	169,480	4833,500	168,010	4913,000	166,010	4938,000	165,070	4952,500	164,240	4952,500
GR	164,010	4969,000	162,010	4980,000	155,810	4987,990	155,810	4998,000	155,810	4998,000
GR	155,810	4993,000	155,810	4997,980	155,810	4997,990	155,810	4998,000	155,810	4998,000
GR	155,810	4999,990	155,810	5000,000	155,810	5000,010	155,810	5005,000	155,810	5005,000
GR	160,080	5009,500	161,180	5009,990	164,000	5010,000	158,950	5034,490	158,950	5034,500
GR	167,020	5052,500	168,000	5070,000	164,000	5115,000	165,470	5158,500	166,000	5174,000
GR	183,860	6126,500	185,000	6275,000	.000	.000	.000	.000	.000	.000

GR	155.810	4993.000	155.810	4997.980	155.810	4997.990	155.810	4998.000	155.810	4999.500
GR	155.810	4999.990	155.810	5000.000	155.810	5000.010	155.810	5005.000	155.810	5006.500
GR	155.810	5009.500	155.870	5009.990	155.870	5010.000	158.960	5034.490	158.960	5034.500
GR	160.090	5052.500	161.190	5070.000	164.010	5115.000	165.480	5158.500	166.010	5174.000
GR	167.030	5200.000	168.010	5225.000	170.010	5275.000	175.010	5525.000	180.010	5625.000
GR	183.870	6126.500	185.010	6275.000	.000	.000	.000	.000	.000	.000
NH	5.000	.525	4938.000	.248	4969.000	.080	5034.500	.240	5070.000	.525
NH	5200.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	22867.000	42.000	4969.000	5034.500	115.000	115.000	115.000	.000	.000	.000
GR	187.240	3222.500	185.840	3465.000	180.840	4505.000	175.840	4605.000	170.840	4805.000
GR	170.310	4833.500	168.840	4913.000	166.840	4938.000	165.900	4952.500	165.070	4965.500
GR	164.840	4969.000	162.840	4980.000	156.640	4987.990	156.640	4988.000	156.640	4988.010
GR	156.640	4993.000	156.640	4997.980	156.640	4997.990	156.640	4998.000	156.640	4999.500
GR	156.640	4999.990	156.640	5000.000	156.640	5000.010	156.640	5005.000	156.640	5006.500
GR	156.640	5009.500	156.700	5009.990	156.700	5010.000	159.790	5034.490	159.790	5034.500
GR	160.920	5052.500	162.020	5070.000	164.840	5115.000	166.310	5158.500	166.840	5174.000
GR	167.860	5200.000	168.840	5225.000	170.840	5275.000	175.840	5525.000	180.840	5625.000
GR	184.700	6126.500	185.840	6275.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.500	4780.000	.525	4917.000	.248	4987.500	.080	5012.500	.240
NH	5108.000	.525	5200.000	1.500	5469.000	.000	.000	.000	.000	.000

2.41

Cross Section K

X1	23310.000	22.000	4987.500	5012.500	443.000	443.000	443.000	.000	.000	.000
GR	181.500	4410.000	179.500	4572.000	175.900	4717.000	173.810	4780.000	171.100	4862.000
GR	170.000	4877.000	168.000	4897.000	166.000	4917.000	163.270	4987.500	159.860	4988.500
GR	159.940	4994.500	159.860	5008.500	164.340	5012.500	164.420	5014.500	164.700	5108.000
GR	166.000	5155.000	168.000	5170.000	169.000	5179.000	170.000	5187.000	170.470	5200.000
GR	174.000	5298.000	182.500	5469.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	.525	4900.000	.323	4993.500	.080	5006.500	.315	5080.000	.525
NH	5290.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	23764.000	44.000	4993.500	5006.500	454.000	454.000	454.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	175.110	175.010	.000
GR	179.990	3785.000	179.990	4275.000	179.990	4652.000	174.990	4742.000	169.990	4817.000
GR	167.990	4875.000	168.210	4900.000	168.830	4968.500	169.050	4993.500	164.280	4994.990
GR	164.280	4995.000	164.280	4995.500	164.280	4996.000	164.280	4996.500	164.280	4996.990
GR	164.280	4997.000	164.280	4997.500	164.280	4998.000	164.280	4998.500	164.280	4999.000
GR	164.280	4999.990	164.280	5000.000	164.280	5001.490	164.280	5001.500	164.280	5002.000
GR	164.280	5002.500	164.280	5003.000	164.280	5003.490	164.280	5003.500	164.280	5004.000
GR	164.280	5004.500	164.280	5005.000	164.280	5005.490	164.330	5005.500	168.860	5006.500
GR	168.730	5031.500	168.480	5080.000	167.990	5175.000	169.990	5185.000	174.190	5290.000
GR	174.990	5310.000	179.990	5360.000	179.990	5400.000	179.990	5850.000	.000	.000
SB	1.250	2.380	2.600	.000	6.300	.990	25.130	.240	164.290	164.290
NH	5.000	.525	4900.000	.323	4993.500	.080	5006.500	.315	5080.000	.525
NH	5290.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

8.41

172.5  
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Circular Culvert over Beaverdam Creek

X1	23841.000	44.000	4995.000	5005.500	77.000	77.000	77.000	.000	.000	.000	.000
X2	.000	.000	1.000	168.290	175.010	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	175.110	.000	.000	.000
BT	-44.000	3785.000	180.020	180.000	4275.000	180.010	180.000	4652.000	180.000	180.000	180.000
BT	.000	4742.000	175.110	175.000	4817.000	175.130	170.000	4875.000	175.150	175.150	168.000
BT	.000	4900.000	175.150	168.220	4968.500	175.170	166.840	4993.500	175.120	175.120	169.060
BT	.000	4994.990	175.120	164.290	4995.000	175.120	166.290	4995.500	175.110	175.110	167.610
BT	.000	4996.000	175.110	168.020	4996.500	175.110	168.230	4996.990	175.110	175.110	168.290
BT	.000	4997.000	175.110	168.290	4997.500	175.110	168.230	4998.000	175.110	168.020	168.020
BT	.000	4998.500	175.110	167.610	4999.000	175.110	166.290	4999.990	175.110	164.290	164.290
BT	.000	5000.000	175.110	164.290	5001.490	175.100	164.290	5001.500	175.100	166.290	166.290
BT	.000	5002.000	175.100	167.610	5002.500	175.100	168.020	5003.000	175.100	168.230	168.230
BT	.000	5003.490	175.100	168.290	5003.500	175.100	168.290	5004.000	175.100	168.230	168.230
BT	.000	5004.500	175.100	168.020	5005.000	175.090	167.610	5005.490	175.090	166.320	166.320
BT	.000	5005.500	175.090	166.290	5006.500	175.090	168.870	5031.500	175.040	168.740	168.740
BT	.000	5080.000	175.030	168.490	5175.000	175.020	168.000	5185.000	175.020	170.000	170.000
BT	.000	5290.000	175.010	174.200	5310.000	175.010	175.000	5360.000	180.010	180.000	180.000
BT	.000	5400.000	180.010	180.000	5850.000	180.020	180.000	.000	.000	.000	.000
GR	180.000	3785.000	180.000	180.000	4275.000	180.000	175.000	4742.000	170.000	170.000	4817.000
GR	168.000	4875.000	168.220	4900.000	168.840	4968.500	169.060	4993.500	164.290	164.290	4994.990
GR	166.290	4995.000	164.970	4995.500	164.560	4996.000	164.350	4996.500	164.290	164.290	4996.990
GR	164.290	4997.000	164.350	4997.500	164.560	4998.000	164.970	4998.500	166.290	166.290	4999.000
GR	164.560	5002.500	164.350	5000.000	164.290	5001.490	166.290	5001.500	164.970	164.970	5002.000
GR	164.560	5004.500	164.970	5003.000	164.290	5003.490	164.290	5003.500	164.350	164.350	5004.000
GR	168.740	5031.500	168.490	5080.000	166.260	5005.490	166.290	5005.500	168.870	168.870	5006.500
GR	175.000	5310.000	180.000	5360.000	180.000	5400.000	170.000	5185.000	174.200	174.200	5290.000

NH	5.000	.525	4900.000	.323	4993.500	.080	5006.500	.315	5080.000	.525	.000
MH	5290.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	26142.000	44.000	4993.500	5006.500	301.000	301.000	301.000	.000	.000	.000	.000
GR	182.550	3785.000	182.550	4275.000	182.550	4652.000	177.550	4742.000	172.550	172.550	4817.000
GR	170.550	4875.000	170.770	4900.000	171.390	4968.500	171.610	4993.500	166.840	166.840	4994.990
GR	166.840	4995.000	166.840	4995.500	166.840	4996.000	166.840	4996.500	166.840	166.840	4996.990
GR	166.840	4997.000	166.840	4997.500	166.840	4998.000	166.840	4998.500	166.840	166.840	4999.000
GR	166.840	4999.990	166.840	5000.000	166.840	5001.490	166.840	5001.500	166.840	166.840	5002.000
GR	166.840	5002.500	166.840	5003.000	166.840	5003.490	166.840	5003.500	166.840	166.840	5004.000
GR	166.840	5004.500	166.840	5005.000	166.840	5005.490	166.890	5005.500	171.420	171.420	5006.500
GR	171.290	5031.500	171.040	5080.000	170.550	5175.000	172.550	5185.000	176.750	176.750	5290.000
GR	177.550	5310.000	182.550	5360.000	182.550	5400.000	182.550	5850.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000	.000
EJ	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

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THIS RUN EXECUTED 12-30-88 08:24:07

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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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195.68

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

Beaverdam Creek Da

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
5718.900	140.97	-29.03	141.08	687.38	137.60	1664.57	212.83	.00	.00	4972.00	5028.00	.00
5718.900	141.97	1.00	142.12	100.74	.00	1948.41	66.59	.22	4972.00	4972.00	5028.00	5072.75
6758.900	142.42	.00	142.56	69.32	.00	2015.00	.00	.00	.00	4958.79	5028.10	.00
6758.900	143.36	.95	143.48	69.31	.00	2015.00	.00	.29	4958.79	4958.79	5028.10	5028.10
6759.900	142.39	.00	142.59	69.32	.00	2015.00	.00	.00	.00	4958.79	5028.10	.00
6759.900	143.32	.93	143.52	69.31	.00	2015.00	.00	.38	4958.79	4958.79	5028.10	5028.10
6785.200	142.45	.00	142.65	69.32	.00	2015.00	.00	.00	.00	4958.79	5028.10	.00
6785.200	143.38	.94	143.58	69.31	.00	2015.00	.00	.39	4958.79	4958.79	5028.10	5028.10
6786.200	142.53	.00	142.67	69.32	.00	2015.00	.00	.00	.00	4958.79	5028.10	.00
6786.200	143.49	.97	143.61	69.31	.00	2015.00	.00	.30	4958.79	4958.79	5028.10	5028.10
7325.000	143.38	.00	143.43	491.42	301.78	727.81	985.41	.00	.00	4985.00	5015.00	.00
7325.000	144.23	.85	144.30	266.88	136.39	872.85	1005.76	.21	4956.11	4985.00	5015.00	5202.99
8039.000	144.09	.00	144.24	56.50	.00	2015.00	.00	.00	.00	4971.75	5028.25	.00
8039.000	144.88	.79	145.01	56.50	.00	2015.00	.00	.00	4971.75	4971.75	5028.25	5028.25
8260.000	147.93	.00	148.46	29.00	.00	2015.00	.00	.00	.00	4979.25	5008.25	.00
8260.000	148.79	.86	149.25	29.00	.00	2015.00	.00	.00	4979.25	4979.25	5008.25	5008.25
8711.000	148.85	.00	148.87	994.66	548.57	815.08	651.35	.00	.00	4971.75	5028.25	.00
8711.000	149.62	.77	149.64	474.04	465.87	953.47	595.66	.17	4815.99	4971.75	5028.25	5290.03
8800.000	148.87	.00	148.89	819.96	404.39	821.99	788.63	.00	.00	4980.00	5020.00	.00
8800.000	149.64	.77	149.67	369.60	307.16	948.58	759.27	.17	4879.02	4980.00	5020.00	5248.61
9625.000	149.02	.00	149.03	610.31	291.04	1574.81	149.15	.00	.00	4921.00	5096.00	.00
9625.000	149.80	.78	149.82	250.79	149.82	1865.18	.00	.16	4845.21	4921.00	5096.00	5096.00

20' 72'

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I 40

SECNO	CVSEL	DIFKWS	EG	TOPWID	OLOB	DCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
10550.000	149.18	.00	149.20	679.48	567.44	760.32	687.24	.00	.00	4981.50	5021.50	.00
10550.000	149.97	.79	150.00	382.46	491.70	888.53	634.77	.17	4832.99	4981.50	5021.50	5215.45
11493.000	149.36	.00	149.37	1316.39	144.10	758.79	1112.12	.00	.00	4978.50	5026.30	.00
11493.000	150.19	.83	150.20	684.48	.00	784.31	1230.69	.15	4978.50	4978.50	5026.30	5662.98
11545.000	149.41	.00	149.42	1322.99	352.58	549.53	1112.88	.00	.00	4993.50	5025.50	.00
11545.000	150.25	.84	150.26	684.48	166.42	645.36	1203.22	.15	4978.50	4993.50	5025.50	5662.98
12109.000	149.50	.00	149.52	1049.20	118.41	874.97	1021.62	.00	.00	4978.50	5026.30	.00
12109.000	150.35	.86	150.38	478.38	.00	956.04	1058.96	.19	4978.50	4978.50	5026.30	5456.88
12325.000	149.60	.00	149.65	834.95	493.66	601.76	919.58	.00	.00	4990.00	5010.00	.00
12325.000	150.46	.86	150.54	313.92	371.36	722.30	921.34	.22	4902.21	4990.00	5010.00	5216.13
13045.000	150.29	.00	150.30	852.31	1070.01	375.04	569.95	.00	.00	4990.00	5010.00	.00
13045.000	151.20	.91	151.22	420.44	1096.31	446.57	472.12	.22	4716.10	4990.00	5010.00	5136.54
14113.000	150.98	.00	151.00	775.87	923.66	542.75	548.59	.00	.00	4985.00	5015.00	.00
14113.000	151.91	.93	151.94	345.55	894.82	662.49	457.68	.23	4783.29	4985.00	5015.00	5128.84
14969.000	151.80	.00	152.02	43.50	.00	2015.00	.00	.00	.00	4972.00	5015.50	.00
14969.000	152.79	.99	152.98	43.50	.00	2015.00	.00	.79	4972.00	4972.00	5015.50	5015.50
14970.000	151.37	.00	152.46	24.00	.00	2015.00	.00	.00	.00	4987.75	5011.75	.00
14970.000	152.34	.98	153.44	24.00	.00	2015.00	.00	.00	4987.75	4987.75	5011.75	5011.75
15008.000	152.27	.00	153.36	24.00	.00	2015.00	.00	.00	.00	4987.75	5011.75	.00
15008.000	153.81	1.54	154.43	29.56	288.28	1726.72	.00	.87	4982.19	4987.75	5011.75	5011.75
15009.000	153.69	.00	153.69	1144.37	850.88	424.37	739.75	.00	.00	4972.00	5015.50	.00
15009.000	154.61	.92	154.62	597.41	821.56	476.05	717.38	.13	4733.45	4972.00	5015.50	5330.86
15349.000	153.72	.00	153.73	762.17	678.50	247.31	1089.19	.00	.00	4991.50	5008.50	.00
15349.000	154.65	.92	154.66	424.24	604.35	301.41	1109.25	.21	4836.04	4991.50	5008.50	5260.28
16099.000	154.27	.00	154.28	748.77	939.22	253.71	822.07	.00	.00	4991.50	5008.50	.00
16099.000	155.21	.94	155.23	431.10	920.18	313.09	781.72	.22	4744.50	4991.50	5008.50	5175.60
16634.000	154.68	.00	154.70	592.56	757.55	323.59	933.87	.00	.00	4991.50	5008.50	.00
16634.000	155.63	.95	155.65	314.94	712.07	387.74	915.19	.20	4855.15	4991.50	5008.50	5170.09
17329.000	155.07	.00	155.08	540.07	268.83	247.99	519.18	.00	.00	4992.00	5016.00	.00
17329.000	156.03	.96	156.05	293.13	211.07	302.58	522.35	.23	4904.55	4992.00	5016.00	5197.68
17854.000	155.30	.00	155.31	637.13	510.83	501.69	23.48	.00	.00	4993.50	5060.00	.00
17854.000	156.26	.96	156.29	181.69	363.53	672.47	.00	.27	4878.32	4993.50	5060.00	5060.00
18389.000	155.57	.00	155.59	410.38	243.11	776.05	16.84	.00	.00	4993.50	5099.00	.00
18389.000	156.53	.97	156.57	107.12	1.46	1034.54	.00	.27	4991.88	4993.50	5099.00	5099.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	OROB	PERENC	STENCL	STCHL	STCHR	STENCR
19204.000	156.22	.00	156.24	435.22	580.73	164.00	291.26	.00	.00	4993.50	5006.50	.00
19204.000	157.21	.98	157.24	205.90	611.85	221.09	203.06	.33	4857.29	4993.50	5006.50	5063.19
20004.000	157.86	.00	157.89	422.91	318.62	187.31	530.07	.00	.00	4993.50	5006.50	.00
20004.000	158.86	1.00	158.91	164.91	239.30	256.60	540.10	.36	4935.52	4993.50	5006.50	5100.43
20854.000	159.74	.00	159.78	403.02	284.60	308.56	442.84	.00	.00	4993.00	5007.00	.00
20854.000	160.74	1.00	160.80	175.87	221.53	377.68	436.80	.29	4940.78	4993.00	5007.00	5116.65
21859.000	162.23	.00	162.28	262.62	393.11	215.01	427.88	.00	.00	4995.50	5004.50	.00
21859.000	163.22	.99	163.29	139.77	354.10	269.60	412.31	.29	4937.25	4995.50	5004.50	5077.02
22248.000	163.17	.00	163.26	139.36	.00	946.95	89.05	.00	.00	4969.00	5034.50	.00
22248.000	164.04	.87	164.13	65.50	.00	1036.00	.00	.10	4969.00	4969.00	5034.50	5034.50
22708.000	164.03	.00	164.13	65.50	.00	1036.00	.00	.00	.00	4969.00	5034.50	.00
22708.000	164.69	.66	164.77	65.50	.00	1036.00	.00	.00	4969.00	4969.00	5034.50	5034.50
22709.000	163.75	.00	164.41	22.00	.00	1036.00	.00	.00	.00	4988.00	5010.00	.00
22709.000	164.41	.65	165.06	22.00	.00	1036.00	.00	.00	.00	4988.00	5010.00	.00
22751.000	164.25	.00	164.90	22.00	.00	1036.00	.00	.00	.00	4988.00	5010.00	.00
22751.000	165.21	.96	165.86	22.00	.00	1036.00	.00	.00	4988.00	4988.00	5010.00	5010.00
22752.000	164.99	.00	165.07	65.50	.00	1036.00	.00	.00	.00	4969.00	5034.50	.00
22752.000	165.98	.98	166.04	65.50	.00	1036.00	.00	.00	4969.00	4969.00	5034.50	5034.50
22867.000	165.15	.00	165.22	159.78	.05	934.64	101.31	.00	.00	4969.00	5034.50	.00
22867.000	166.07	.93	166.15	65.50	.00	1036.00	.00	.12	4969.00	4969.00	5034.50	5034.50
23310.000	166.21	.00	166.57	241.73	90.28	798.18	147.53	.00	.00	4987.50	5012.50	.00
23310.000	166.84	.63	167.47	25.00	.00	1036.00	.00	.35	4987.50	4987.50	5012.50	5012.50
23764.000	172.93	.00	174.40	13.00	.00	1036.00	.00	.00	.00	4993.50	5006.50	.00
23764.000	174.03	1.10	175.17	13.00	.00	1036.00	.00	.00	4993.50	4993.50	5006.50	5006.50
* 23841.000	175.74	.00	175.75	588.89	424.57	161.97	449.46	.00	.00	4995.00	5005.50	.00
* 23841.000	181.94	6.20	182.35	13.00	28.65	957.88	49.48	.20	4993.50	4995.00	5005.50	5006.50
24142.000	175.98	.00	176.00	505.05	375.73	266.74	393.53	.00	.00	4993.50	5006.50	.00
24142.000	182.64	6.66	182.64	244.45	381.31	247.88	406.82	.26	4888.63	4993.50	5006.50	5133.08

FLOODWAY DATA, Beaverdam Creek Da  
PROFILE NO. 2

STATION	WIDTH	FLOODWAY		WATER SURFACE ELEVATION		DIFFERENCE	
		SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY		
5718.900	101.	782.	2.6	142.0	141.0	1.0	
6758.900	69.	737.	2.7	143.3	142.4	.9	SR 1200
6759.900	69.	564.	3.6	143.3	142.4	.9	
6785.200	69.	564.	3.6	143.3	142.4	.9	
6786.200	69.	745.	2.7	143.5	142.5	1.0	
7325.000	247.	1949.	1.0	144.2	143.4	.8	A
8039.000	57.	707.	2.8	144.9	144.1	.8	I 40
8260.000	29.	372.	5.4	148.9	147.9	.9	
<del>8711.000</del>	<del>474.</del>	<del>4332.</del>	<del>.3</del>	<del>149.7</del>	<del>148.7</del>	<del>.8</del>	(D)
8800.000	370.	3648.	.6	149.7	146.9	.8	B1
9625.000	251.	2494.	.8	149.8	149.0	.8	B
10550.000	382.	3579.	.6	150.0	149.2	.8	B-2
11493.000	684.	7030.	.3	150.2	149.4	.8	HWY 701
11545.000	694.	7082.	.3	150.2	149.4	.8	
12109.000	478.	4078.	.5	150.4	149.5	.9	-C1
12325.000	314.	2189.	.9	150.5	149.6	.9	
13045.000	420.	3170.	.6	151.2	150.3	.9	-C
14113.000	346.	2497.	.8	151.9	151.0	.9	-D
14969.000	44.	574.	3.5	152.8	151.8	1.0	SR 50155
14970.000	24.	240.	8.4	152.4	151.4	1.0	
15008.000	30.	319.	6.3	153.8	152.3	1.5	
15009.000	597.	8079.	.2	154.6	153.7	.9	-E
15349.000	424.	3209.	.6	154.6	153.7	.9	E-1
16099.000	431.	3240.	.6	155.2	154.3	.9	F
16634.000	315.	2709.	.7	155.6	154.7	.9	G
17329.000	293.	2111.	.5	156.1	155.1	1.0	
17854.000	182.	1119.	.9	156.3	155.3	1.0	G-1
18389.000	107.	675.	1.5	156.6	155.6	1.0	G-2
19204.000	206.	1043.	1.0	157.2	156.2	1.0	H
20004.000	165.	817.	1.3	158.9	157.9	1.0	H-1
20854.000	176.	1010.	1.0	160.7	159.7	1.0	I
21859.000	140.	814.	1.3	163.2	162.2	1.0	J
22248.000	66.	431.	2.4	164.1	163.2	.9	HWY 13
22708.000	66.	439.	2.4	164.7	164.0	.7	
22709.000	22.	160.	6.5	164.5	163.8	.7	
22751.000	22.	160.	6.5	165.2	164.2	1.0	
22752.000	66.	523.	2.0	166.0	165.0	1.0	K
22867.000	66.	474.	2.2	166.0	165.1	.9	
23310.000	25.	163.	6.3	166.8	166.2	.6	
23764.000	13.	121.	8.6	174.0	172.9	1.1	CULVERT
23841.000	13.	218.	4.8	181.9	175.7	6.2	
24142.000	244.	2868.	.4	182.7	176.0	6.7	

↑ OK

THIS RUN EXECUTED 12-12-88 12:18:33

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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 Sampson Co. NC FIS										
T2 Filename:BD.HEC Eng:SKE ET:CB/TFH Comm. No. 2353E										
T3 Beaverdam Creek Date: 12/12/88 100-Year Event										
J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	4.	0.	0.	.001380	.00	.0	0.	170.000	.000
J2	NPROF	IPL0T	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									
	38.000	39.000	1.000	42.000	53.000	27.000	21.000	22.000	28.000	54.000
	4.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4635.000	.350	4820.000	.215	4972.000	.072	5028.000	.210
NH	5135.000	.350	5473.000	1.000	6627.000	.000	.000	.000	.000	.000
QT	5.000	800.000	1571.000	2015.000	3589.000	2015.000	.000	.000	.000	.000
X1	6534.900	78.000	4972.000	5028.000	6534.950	6534.950	6534.950	.000	.000	.000
GR	157.910	4149.000	157.580	4166.600	156.510	4224.600	155.910	4257.000	153.910	4277.000
GR	151.910	4287.000	149.910	4315.000	148.340	4489.600	147.910	4537.000	145.910	4547.000
GR	143.910	4565.000	142.910	4635.000	141.910	4705.000	139.910	4745.000	139.410	4820.000
GR	138.680	4930.600	138.680	4931.000	137.910	4948.000	138.250	4958.770	138.250	4958.780
GR	138.250	4958.790	138.250	4958.800	138.250	4958.810	138.670	4972.000	137.780	4973.000
GR	136.360	4976.200	136.360	4976.210	136.140	4976.700	135.960	4977.100	135.910	4977.200
GR	135.900	4977.210	130.200	4988.600	128.960	4992.800	128.960	4992.810	128.700	4993.700
GR	128.700	4993.800	128.700	4993.810	128.560	5000.000	128.500	5002.500	125.730	5009.700
GR	125.720	5009.710	125.380	5010.600	125.460	5010.700	125.470	5010.710	131.700	5018.500
GR	137.160	5025.800	137.160	5025.810	137.830	5026.700	137.880	5026.800	137.890	5026.810
GR	138.540	5028.000	138.560	5028.070	138.560	5028.080	138.570	5028.090	138.570	5028.100
GR	138.570	5028.110	138.780	5028.800	138.630	5057.600	138.220	5135.000	137.910	5194.000
GR	138.120	5207.600	139.910	5324.000	140.700	5369.600	141.910	5439.000	142.480	5473.000
GR	142.950	5501.600	143.910	5559.000	144.680	5591.600	145.910	5644.000	147.910	5860.000
GR	147.910	5948.000	147.910	5986.000	149.910	6034.000	151.910	6069.000	153.910	6095.000
GR	155.910	6197.000	157.230	6480.600	157.910	6627.000	.000	.000	.000	.000



GR	151.910	4287.000	149.910	4315.000	148.340	4489.600	147.910	4537.000	145.910	4547.000
GR	143.910	4565.000	142.910	4635.000	141.910	4705.300	139.910	4745.000	139.410	4820.000
GR	138.680	4930.600	138.680	4931.000	137.910	4948.000	136.250	4958.770	138.250	4958.780
GR	138.250	4958.790	138.250	4958.800	141.650	4958.810	138.670	4972.000	137.780	4973.000
GR	136.360	4976.200	136.360	4976.210	136.140	4976.700	135.960	4977.100	135.910	4977.200
GR	135.900	4977.210	130.200	4988.600	128.960	4992.800	128.660	4992.810	128.700	4993.700
GR	128.700	4993.800	128.700	4993.810	128.560	5000.000	128.500	5002.500	125.730	5009.700
GR	125.720	5009.710	125.380	5010.600	125.460	5010.700	125.470	5010.710	131.700	5018.500
GR	137.160	5025.800	137.160	5025.810	137.830	5026.700	137.880	5026.800	137.890	5026.810
GR	138.540	5028.000	138.560	5028.070	141.720	5028.080	138.570	5028.090	138.570	5028.100
GR	138.570	5028.110	138.780	5028.800	138.630	5057.600	138.220	5135.000	137.910	5194.000
GR	138.120	5207.600	139.910	5324.000	140.700	5359.600	141.910	5439.000	142.480	5473.000
GR	142.950	5501.600	143.910	5559.000	144.680	5591.600	145.910	5644.000	147.910	5860.000
GR	147.910	5948.000	147.910	5986.000	149.910	6034.000	151.910	6069.000	153.910	6095.000
GR	155.910	6197.000	157.230	6480.600	157.910	6627.000	.000	.000	.000	.000
NH	7.000	1.000	4635.000	.350	4820.000	.215	4958.790	.030	5028.100	.210
NH	5135.000	.350	5473.000	1.000	6627.000	.000	.000	.000	.000	.000

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 ===== HEIC-2 Input file created with CodeH2 =====  
 =====  
 ===== Version: 3.47 =====  
 =====  
 ===== Code: H2 Copyrighted 1986, 1987, 1988 =====  
 =====  
 ===== Run Date: Monday December 12, 1988 =====  
 =====  
 ===== Run Time: 12:17:25 =====  
 =====

SR 1800 Bridge

X1	6785.200	78.000	4958.790	5028.100	25.300	25.300	25.300	143.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-78.000	4149.000	158.000	157.910	4166.600	157.680	157.580	4224.600	156.510
BT	.000	4257.000	156.010	155.910	4277.000	154.010	153.910	4287.000	151.910
BT	.000	4315.000	150.010	149.910	4489.600	148.440	148.340	4537.000	148.010
BT	.000	4547.000	146.010	145.910	4565.000	144.010	143.910	4635.000	142.910
BT	.000	4705.000	143.690	141.910	4745.000	143.630	139.910	4820.000	139.410
BT	.000	4930.600	143.360	138.680	4931.000	143.360	138.680	4948.000	143.290
BT	.000	4958.770	143.240	138.250	4958.780	145.940	138.250	4958.790	138.250
BT	.000	4958.800	145.940	138.250	4958.810	145.940	141.650	4972.000	141.620
BT	.000	4973.000	145.910	141.620	4976.200	145.900	141.610	4976.210	136.360
BT	.000	4976.700	145.900	136.140	4977.100	145.900	135.960	4977.200	135.910
BT	.000	4992.210	145.900	128.960	4988.600	145.930	141.640	4992.800	141.640
BT	.000	4992.810	145.930	128.960	4993.700	145.940	128.700	4993.800	128.700
BT	.000	4993.810	145.940	141.650	5000.000	145.950	141.660	5002.500	141.670
BT	.000	5009.700	145.970	141.680	5009.710	145.970	125.720	5010.600	125.380
BT	.000	5010.700	146.010	125.460	5010.710	145.970	141.680	5018.500	141.670
BT	.000	5025.800	146.010	141.720	5025.810	146.010	137.160	5026.700	137.830
BT	.000	5026.800	146.010	137.880	5026.810	146.010	141.720	5028.000	141.720
BT	.000	5028.070	146.010	141.720	5028.080	146.010	141.720	5028.090	140.140
BT	.000	5028.100	143.310	138.570	5028.110	143.310	138.570	5028.800	138.780
BT	.000	5057.600	143.370	138.650	5135.000	143.700	138.220	5194.000	137.910
BT	.000	5207.600	144.000	138.120	5324.000	145.440	139.910	5369.600	140.700
BT	.000	5439.000	147.050	141.910	5473.000	147.570	142.480	5501.600	142.950
BT	.000	5559.000	149.280	143.910	5591.600	150.000	144.680	5644.000	145.910

BT	.000	5860.000	152.260	147.910	748.000	153.010	147.910	5986.000	153.330	147.910
BT	.000	6034.000	153.730	149.910	6069.000	154.030	151.910	6095.000	154.250	153.910
BT	.000	6197.000	156.010	155.910	6480.600	157.500	157.230	6627.000	158.000	157.910
GR	157.910	4149.000	157.580	4166.600	156.510	4224.600	155.910	4257.000	153.910	4277.000
GR	151.910	4287.000	149.910	4315.000	148.340	4489.600	147.910	4537.000	145.910	4547.000
GR	143.910	4565.000	142.910	4635.000	141.910	4705.000	139.910	4745.000	139.410	4820.000
GR	138.680	4930.600	133.680	4931.000	137.910	498.800	138.250	4958.770	138.250	4958.700
GR	138.250	4958.790	133.250	4958.800	131.650	4976.700	135.670	4972.000	137.780	4978.000
GR	136.360	4976.200	136.360	4976.210	136.140	4992.800	128.960	4992.810	135.910	4993.700
GR	135.900	4977.210	130.200	4986.600	128.560	5000.000	128.500	5002.500	125.730	5009.700
GR	128.700	4993.800	128.700	4993.810	128.560	5010.000	125.470	5010.710	131.700	5018.500
GR	125.720	5009.710	125.380	5010.600	125.460	5026.700	137.890	5026.800	137.890	5026.810
GR	137.160	5025.800	137.160	5025.810	137.830	5028.080	138.570	5028.090	138.570	5028.100
GR	138.540	5028.000	138.560	5028.070	141.720	5057.600	138.220	5135.000	137.910	5194.000
GR	138.570	5028.110	138.780	5028.800	138.630	5057.600	140.700	5369.600	142.480	5473.000
GR	138.120	5207.600	139.910	5324.000	140.700	5369.600	141.910	5439.000	147.910	5473.000
GR	142.950	5501.600	143.910	5559.000	144.680	5591.600	149.910	5644.000	153.910	5860.000
GR	147.910	5948.000	147.910	5986.000	149.910	6034.000	151.910	6069.000	153.910	6095.000
GR	155.910	6197.000	157.230	6480.600	157.910	6627.000	.000	.000	.000	.000
NH	7.000	1.000	4635.000	.350	4820.000	.215	4958.790	.072	5028.100	.210
NH	5135.000	.350	5473.000	1.000	6627.000	.000	.000	.000	.000	.000
X1	6786.200	78.000	4958.790	5028.100	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	158.020	4149.000	157.690	4166.600	156.620	4224.600	156.020	4257.000	154.020	4277.000
GR	152.020	4287.000	150.020	4315.000	148.450	4489.600	148.020	4537.000	146.020	4547.000
GR	144.020	4565.000	143.020	4635.000	142.020	4705.000	140.020	4745.000	139.520	4820.000
GR	138.790	4930.600	138.790	4931.000	136.020	4958.810	138.360	4958.770	138.360	4958.780
GR	136.470	4976.200	136.470	4976.210	136.250	4976.700	136.070	4977.100	136.020	4977.200
GR	136.010	4977.210	130.310	4986.600	129.070	4992.800	129.070	4992.810	128.810	4993.700
GR	128.810	4993.800	128.810	4993.810	128.670	5000.000	128.610	5002.500	125.840	5009.700
GR	125.830	5009.710	125.490	5010.600	125.580	5010.700	125.580	5010.710	131.810	5018.500
GR	137.270	5025.800	137.270	5025.810	137.940	5026.700	137.990	5026.800	138.000	5026.810
GR	138.650	5028.000	138.670	5028.070	138.670	5028.080	138.680	5028.090	138.680	5028.100
GR	138.680	5028.110	138.890	5028.800	138.740	5057.600	136.330	5135.000	138.020	5194.000
GR	138.230	5207.600	140.020	5324.000	140.810	5369.600	142.020	5439.000	142.590	5473.000
GR	143.060	5501.600	144.020	5559.000	144.790	5591.600	146.020	5644.000	148.020	5860.000
GR	148.020	5948.000	148.020	5986.000	150.020	6034.000	152.020	6069.000	154.020	6095.000
GR	156.020	6197.000	157.340	6480.600	158.020	6627.000	.000	.000	.000	.000
NH	7.000	1.000	4635.000	.350	4820.000	.215	4972.000	.072	5028.000	.210
NH	5135.000	.350	5473.000	1.000	6627.000	.000	.000	.000	.000	.000
X1	6842.200	78.000	4972.000	5028.000	56.000	56.000	56.000	.000	.000	.000
GR	159.130	4149.000	158.800	4166.600	157.730	4224.600	157.130	4257.000	155.130	4277.000
GR	153.130	4287.000	151.130	4315.000	149.560	4489.600	149.130	4537.000	147.130	4547.000
GR	145.130	4565.000	144.130	4635.000	143.130	4705.000	141.130	4745.000	140.630	4820.000
GR	139.900	4930.600	139.900	4931.000	139.130	4948.000	139.470	4958.770	139.470	4958.780
GR	139.470	4958.790	139.470	4958.800	139.470	4958.810	139.890	4972.000	139.000	4973.000
GR	137.580	4976.200	137.580	4976.210	137.360	4976.700	137.180	4977.100	137.130	4977.200
GR	137.120	4977.210	131.420	4988.600	130.180	4992.800	130.180	4992.810	129.920	4993.700
GR	129.920	4993.800	129.920	4993.810	129.780	5000.000	129.720	5002.500	126.950	5009.700
GR	126.940	5009.710	126.600	5010.600	126.680	5010.700	126.690	5010.710	132.920	5018.500
GR	138.380	5025.800	138.380	5025.810	139.050	5026.700	139.100	5026.800	139.110	5026.810



GR	139.760	5028.000	139.780	5028.070	139.780	5028.080	139.790	5028.090	139.790	5028.100
GR	139.790	5028.110	140.000	5028.800	139.850	5057.600	139.440	5135.000	139.130	5194.000
GR	139.340	5207.600	141.130	5324.000	141.920	5369.600	143.130	5439.000	143.700	5473.000
GR	144.170	5501.600	145.130	5559.000	145.900	5591.600	147.130	5644.000	149.130	5860.000
GR	149.130	5948.000	149.130	5986.000	151.130	6034.000	153.130	6069.000	155.130	6095.000
GR	157.130	6197.000	158.450	6480.600	159.130	6627.000	.000	.000	.000	.000
MC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.000	4755.000	.350	4900.000	.215	4985.000	.072	5015.000	.210
NH	5200.000	.350	5395.000	1.000	5481.000	.000	.000	.000	.000	.000
Cross Section A										
X1	7325.000	37.000	4985.000	5015.000	482.750	482.750	482.750	.000	.000	.000
GR	160.000	4502.000	158.000	4532.000	156.000	4622.000	154.000	4634.000	153.700	4654.000
GR	152.800	4714.000	152.170	4755.000	152.000	4766.000	150.800	4791.000	150.000	4816.000
GR	148.000	4839.000	146.000	4847.000	144.000	4865.000	142.000	4877.000	140.000	4887.000
GR	139.220	4900.000	138.200	4917.000	138.000	4935.000	137.600	4985.000	137.000	4988.000
GR	136.580	4995.000	136.160	4999.990	136.160	5000.000	136.600	5005.000	137.300	5010.000
GR	137.600	5015.000	137.830	5200.000	137.900	5258.000	138.000	5267.000	140.000	5295.000
GR	142.000	5323.000	144.000	5373.000	145.190	5395.000	145.900	5408.000	143.200	5438.000
GR	150.000	5463.000	160.000	5481.000	.000	.000	.000	.000	.000	.000
NH	6.000	1.000	4664.140	.350	4739.640	.065	4796.140	.190	5181.140	.350
NH	5483.000	1.000	6315.000	.000	.000	.000	.000	.000	.000	.000
X1	7813.000	81.000	4739.640	4796.140	488.000	488.000	488.000	.000	.000	.000
GR	184.020	4091.000	182.630	4130.000	179.020	4231.000	174.020	4330.000	159.020	4370.000
GR	157.020	4385.000	155.020	4395.000	153.020	4400.000	151.020	4410.000	149.020	4432.000
GR	147.020	4454.000	148.020	4493.000	143.020	4535.000	141.020	4557.000	139.020	4582.000
GR	136.680	4609.140	134.790	4636.140	134.740	4636.890	134.680	4637.640	134.630	4638.390
GR	134.580	4639.140	134.720	4639.890	134.850	4640.640	134.980	4641.390	135.120	4642.140
GR	136.730	4651.140	137.100	4657.140	136.700	4664.140	136.640	4684.140	136.350	4704.140
GR	135.380	4724.140	134.870	4739.640	133.200	4744.640	133.690	4747.890	133.690	4747.900
GR	134.320	4752.140	133.730	4756.380	133.730	4756.390	133.680	4756.740	133.690	4757.090
GR	133.690	4757.100	133.840	4761.340	132.330	4765.580	132.320	4765.590	132.200	4765.940
GR	132.330	4766.290	132.330	4766.300	133.840	4770.540	134.220	4774.780	134.220	4774.790
GR	136.150	4796.140	137.900	5143.140	137.570	5150.140	137.530	5150.890	137.520	5151.140
GR	137.240	5151.630	137.240	5151.640	137.030	5152.390	136.820	5153.140	137.090	5153.890
GR	137.180	5154.140	137.240	5154.640	137.330	5155.390	137.420	5156.140	138.120	5162.140
GR	137.330	5181.140	139.020	5282.000	141.020	5372.000	143.020	5467.000	143.550	5483.000
GR	145.020	5527.000	147.020	5597.000	149.020	5652.000	151.020	5710.000	153.020	5785.000
GR	155.020	5835.000	157.020	5875.000	159.020	5930.000	169.020	6105.000	172.310	6243.000
GR	174.020	6315.000	.000	.000	.000	.000	.000	.000	.000	.000
MC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	6.000	1.000	4664.140	.350	4739.640	.065	4796.140	.190	5181.140	.350
NH	5483.000	1.000	6315.000	.000	.000	.000	.000	.000	.000	.000
X1	8039.000	81.000	4739.640	4796.140	226.000	226.000	226.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	182.190	4091.000	180.800	4130.000	177.190	4231.000	172.190	4330.000	157.190	4370.000
GR	155.190	4385.000	153.190	4395.000	151.190	4400.000	149.190	4410.000	147.190	4432.000
GR	145.190	4454.000	146.190	4493.000	141.190	4535.000	139.190	4557.000	137.190	4582.000
GR	134.850	4609.140	132.960	4636.140	132.910	4636.890	132.850	4637.640	132.800	4638.390
GR	132.750	4639.140	132.890	4639.890	133.020	4640.640	133.150	4641.390	133.290	4642.140

GR	134.900	4651.140	135.270	4657.140	134.870	4664.140	134.810	4684.140	134.520	4704.140
GR	133.550	4724.140	133.040	4739.640	131.370	4744.640	131.860	4747.890	131.860	4747.900
GR	132.490	4752.140	131.900	4756.380	131.900	4756.380	131.850	4756.740	131.860	4757.090
GR	131.860	4757.100	132.010	4761.340	130.500	4765.590	130.490	4765.940	130.370	4765.940
GR	130.500	4766.290	130.500	4766.300	132.010	4770.540	132.390	4774.780	132.390	4774.790
GR	134.320	4796.140	135.070	5143.140	135.200	5150.140	135.700	5150.890	135.690	5151.140
GR	135.410	5151.630	135.410	5151.640	135.200	5152.390	134.900	5153.140	135.260	5153.890
GR	135.350	5154.140	135.410	5154.640	135.500	5155.390	135.590	5156.140	136.290	5162.140
GR	135.500	5181.140	137.190	5282.000	139.190	5372.000	141.190	5467.000	141.720	5483.000
GR	143.190	5527.000	145.190	5597.000	147.190	5652.000	149.190	5710.000	151.190	5785.000
GR	153.190	5835.000	155.190	5875.000	157.190	5930.000	167.190	6105.000	170.480	6243.000
GR	172.190	6315.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	6.000	1.000	4664.140	.350	4739.640	.020	4796.140	.190	5181.140	.350
NH	5483.000	1.000	6315.000	.000	.000	.000	.000	.000	.000	.000
X1	8040.000	81.000	4739.640	4796.140	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	185.000	.000	.000	.000	.000	164.620	163.010	.000
BT	-81.000	4091.000	176.690	177.720	4130.000	185.000	176.330	4231.000	180.810	172.720
BT	.000	4330.000	172.460	167.720	4370.000	175.030	152.720	4385.000	174.410	150.720
BT	.000	4395.000	173.990	148.720	4400.000	173.790	146.720	4410.000	173.370	144.720
BT	.000	4432.000	172.460	142.720	4454.000	171.540	140.720	4493.000	169.920	141.720
BT	.000	4535.000	168.180	136.720	4557.000	167.270	134.720	4582.000	166.230	132.720
BT	.000	4609.140	165.100	130.380	4636.140	165.000	134.100	4636.890	165.000	136.080
BT	.000	4637.640	165.000	137.700	4653.390	164.990	137.000	4639.140	164.990	137.100
BT	.000	4639.890	164.990	136.700	4640.640	164.990	136.700	4641.390	164.980	136.080
BT	.000	4642.140	164.980	134.100	4651.140	164.980	130.430	4657.140	164.920	130.800
BT	.000	4664.2.140	164.980	129.080	4684.140	164.830	128.570	4704.140	164.750	130.050
BT	.000	4724.140	164.680	129.080	4739.640	164.620	128.570	4744.640	164.600	126.900
BT	.000	4727.890	164.590	130.840	4747.900	164.590	136.540	4752.140	164.580	136.540
BT	.000	4756.380	164.560	136.540	4756.390	164.560	130.840	4756.740	164.560	127.380
BT	.000	4757.090	164.560	130.360	4757.100	164.560	136.060	4761.340	164.540	136.060
BT	.000	4765.580	164.530	130.360	4765.590	164.530	130.360	4765.940	164.530	125.900
BT	.000	4766.290	164.530	130.360	4766.300	164.530	136.060	4770.540	164.510	136.060
BT	.000	4774.780	164.490	136.060	4774.790	164.490	130.360	4796.140	164.420	129.850
BT	.000	5143.140	163.150	131.600	5150.140	163.120	136.340	5150.890	163.120	138.320
BT	.000	5151.140	163.120	138.530	5151.630	163.120	138.930	5151.640	163.120	138.940
BT	.000	5152.390	163.120	139.240	5153.140	163.110	139.340	5153.890	163.110	139.240
BT	.000	5154.140	163.110	139.140	5154.640	163.110	138.940	5155.390	163.100	138.320
BT	.000	5156.140	163.100	136.340	5162.140	163.080	131.820	5181.140	163.010	131.030
BT	.000	5282.000	164.150	132.720	5372.000	165.170	134.720	5467.000	166.240	136.720
BT	.000	5483.000	166.420	137.250	5527.000	166.920	138.720	5597.000	167.710	140.720
BT	.000	5652.000	168.330	142.720	5710.000	168.980	144.720	5785.000	169.830	146.720
BT	.000	5835.000	170.390	148.720	5875.000	170.840	150.720	5930.000	171.470	152.720
BT	.000	6105.000	173.440	162.720	6243.000	175.000	166.010	6315.000	175.000	167.720
GR	177.720	4091.000	176.330	4130.000	172.720	4231.000	167.720	4330.000	152.720	4370.000
GR	150.720	4385.000	148.720	4395.000	146.720	4400.000	144.720	4410.000	142.720	4432.000
GR	140.720	4454.000	141.720	4493.000	136.720	4535.000	134.720	4557.000	132.720	4582.000
GR	130.380	4609.140	134.100	4636.140	132.120	4636.890	131.500	4637.640	131.200	4638.390
GR	131.100	4659.140	130.800	4659.890	130.400	4664.140	130.340	4684.140	130.050	4704.140
GR	129.080	4724.140	128.570	4739.640	126.900	4744.640	130.840	4747.890	130.840	4747.900
GR	130.840	4752.140	130.840	4756.380	130.840	4756.390	127.380	4756.740	130.360	4757.090
GR	130.360	4757.100	130.360	4761.340	130.360	4765.580	130.360	4765.940	125.900	4765.940
GR	130.360	4766.290	130.360	4766.300	130.360	4770.540	130.360	4774.780	130.360	4774.790

GR	129.850	4796.140	131.600	5143.140	136.340	5150.140	134.360	5150.890	134.150	5151.140
GR	133.750	5151.630	133.740	5151.640	133.440	5152.390	133.340	5153.140	133.440	5153.890
GR	133.540	5154.140	133.740	5154.640	134.360	5155.390	136.340	5156.140	131.820	5162.140
GR	131.030	5181.140	132.720	5282.000	134.720	5372.000	136.720	5467.000	137.250	5483.000
GR	138.720	5527.000	140.720	5597.000	142.720	5652.000	144.720	5710.000	146.720	5785.000
GR	148.720	5835.000	150.720	5875.000	152.720	5930.000	162.720	6105.000	166.010	6243.000
GR	167.720	6315.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	6.000	1.000	4664.140	.350	4739.640	.020	4796.140	.190	5181.140	.350
NH	5483.000	1.000	6315.000	.000	.000	.000	.000	.000	.000	.000
X1	8260.000	81.000	4739.640	4796.140	220.000	220.000	220.000	.000	.000	.000
X3	10.000	.000	183.360	183.360	4130.000	185.000	181.970	4231.000	163.010	.000
BT	-81.000	4091.000	176.690	173.360	4370.000	175.030	158.360	4385.000	174.410	178.360
BT	.000	4330.000	173.990	134.360	4400.000	173.790	132.360	4410.000	173.370	156.360
BT	.000	4395.000	172.460	148.360	4454.000	171.540	146.360	4493.000	169.920	147.360
BT	.000	4535.000	168.180	142.360	4557.000	167.270	140.360	4582.000	166.230	138.360
BT	.000	4609.140	165.100	136.020	4636.140	165.000	139.740	4636.890	165.000	141.720
BT	.000	4637.640	165.000	142.340	4638.390	164.990	142.640	4639.140	164.990	142.740
BT	.000	4639.890	164.990	142.640	4640.640	164.980	142.340	4641.390	164.980	141.720
BT	.000	4642.140	164.980	139.740	4651.140	164.950	136.070	4657.140	164.920	136.440
BT	.000	4664.140	164.900	136.040	4684.140	164.830	135.980	4704.140	164.750	135.690
BT	.000	4724.140	164.680	134.720	4739.640	164.620	134.210	4744.640	164.600	132.540
BT	.000	4747.890	164.590	136.480	4747.900	164.590	142.180	4752.140	164.580	142.180
BT	.000	4756.380	164.560	142.180	4756.390	164.560	136.480	4756.740	164.560	133.020
BT	.000	4757.090	164.560	136.000	4757.100	164.560	141.700	4761.340	164.540	141.700
BT	.000	4765.580	164.530	141.700	4765.590	164.530	136.000	4765.940	164.530	131.540
BT	.000	4766.290	164.530	136.000	4766.300	164.530	141.700	4770.540	164.510	141.700
BT	.000	4774.780	164.490	141.700	4774.790	164.490	136.070	4796.140	164.420	135.490
BT	.000	5143.140	163.150	137.240	5150.140	163.120	141.980	5150.890	163.120	143.960
BT	.000	5151.140	163.120	144.170	5151.630	163.120	144.570	5151.640	163.120	144.580
BT	.000	5152.390	163.120	144.880	5153.140	163.110	144.980	5153.890	163.110	144.880
BT	.000	5154.140	163.110	144.780	5154.640	163.110	144.580	5155.390	163.100	143.960
BT	.000	5156.140	163.100	141.980	5162.140	163.080	137.460	5181.140	163.010	136.670
BT	.000	5282.000	164.150	138.360	5372.000	165.170	140.360	5467.000	166.240	142.360
BT	.000	5483.000	166.420	142.890	5527.000	166.920	144.360	5597.000	167.710	146.360
BT	.000	5652.000	168.330	148.360	5710.000	168.980	150.360	5785.000	169.830	152.360
BT	.000	5835.000	170.390	154.360	5875.000	170.840	156.360	5930.000	171.470	158.360
BT	.000	6105.000	173.440	168.360	6243.000	175.000	171.650	6315.000	175.000	173.360
GR	183.360	4091.000	181.970	4130.000	178.360	4231.000	173.360	4330.000	158.360	4370.000
GR	156.360	4385.000	154.360	4395.000	152.360	4400.000	150.360	4410.000	148.360	4432.000
GR	146.360	4454.000	147.360	4493.000	142.360	4535.000	140.360	4557.000	138.360	4582.000
GR	136.020	4609.140	139.740	4636.140	137.760	4636.890	137.140	4637.640	136.840	4638.390
GR	136.740	4639.140	136.840	4639.890	137.140	4640.640	137.760	4641.390	139.740	4642.140
GR	136.070	4651.140	136.440	4657.140	136.040	4664.140	135.980	4684.140	135.690	4704.140
GR	134.720	4724.140	134.210	4739.640	132.540	4744.640	136.480	4747.890	136.480	4747.900
GR	136.480	4752.140	136.480	4756.380	136.480	4756.390	133.020	4756.740	136.000	4757.090
GR	136.000	4757.100	136.000	4761.340	136.000	4765.580	136.000	4765.590	131.540	4765.940
GR	136.000	4766.290	136.000	4766.300	136.000	4770.540	136.000	4774.780	136.000	4774.790
GR	135.490	4796.140	137.240	5143.140	141.980	5150.140	140.000	5150.890	139.790	5151.140
GR	139.390	5151.630	139.380	5151.640	139.080	5152.390	140.000	5153.140	139.080	5153.890

1-40



NC	.000	.000	.000	.300	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	.350	4770.000	.215	4921.000	.065	5096.000	.210	5120.000	.280			
NH	5401.000	.350	5535.000	1.000	5613.000	.000		.000		.000			

Cross Section B

X1	9625.000	39.000	4921.000	5096.000	1307.500	1307.500	1307.500	.000	1307.500	.000			
GR	160.000	4670.000	158.000	4675.000	156.000	4684.000	154.000	4693.000	152.000	4703.000			
GR	150.000	4713.000	148.000	4719.000	146.000	4728.000	144.000	4737.000	142.000	4745.000			
GR	141.000	4752.000	140.900	4770.000	140.100	4921.000	134.750	4981.500	134.040	4983.500			
GR	133.090	4988.500	132.470	4998.500	132.560	5000.000	133.120	5009.500	133.900	5016.500			
GR	134.040	5019.500	135.240	5021.500	134.590	5046.500	141.000	5096.000	141.370	5120.000			
GR	142.000	5161.000	144.000	5226.000	144.200	5238.000	146.000	5266.000	148.000	5311.000			
GR	150.000	5341.000	150.300	5359.000	152.000	5401.000	154.000	5473.000	155.300	5493.000			
GR	156.000	5523.000	156.440	5535.000	158.000	5578.000	160.000	5613.000	.000				

NH	8.000	1.000	4595.000	.350	4870.000	.220	4969.500	.065	5012.500	.230			
NH	5215.000	.280	5460.000	.350	6060.000	1.000	6924.000	.000	.000	.000			
X1	11373.000	63.000	4969.500	5012.500	1748.500	1748.500	1748.500	.000	1748.500	.000			
GR	159.810	4327.000	159.810	4395.000	159.810	4503.000	159.810	4575.000	159.810	4595.000			
GR	159.810	4650.000	159.810	4722.000	157.810	4732.000	155.810	4743.000	154.480	4755.000			
GR	153.810	4761.000	151.810	4773.000	149.810	4788.000	147.810	4838.000	146.390	4870.000			
GR	145.810	4883.000	141.970	4943.500	140.320	4969.500	136.280	4983.500	136.120	4984.500			
GR	136.110	4984.510	135.290	4989.500	135.210	4990.000	137.330	4994.480	137.340	4994.690			
GR	137.340	4994.500	137.290	4995.500	137.290	4995.510	137.050	5000.500	136.810	5005.680			
GR	136.810	5005.490	136.810	5016.490	136.890	5006.500	136.890	5006.510	137.260	5011.500			
GR	137.340	5012.500	137.370	5016.500	137.370	5016.500	137.580	5042.503	138.950	5215.000			
GR	140.890	5460.000	143.810	5828.000	145.810	5876.000	147.810	5984.000	148.570	6060.000			
GR	149.180	6121.000	149.810	6184.000	151.580	6246.000	151.810	6254.000	153.560	6324.000			
GR	153.810	6334.000	155.720	6396.000	155.810	6399.000	156.860	6478.000	157.730	6543.000			
GR	157.810	6549.000	159.680	6605.000	159.810	6609.000	161.810	6669.000	163.810	6714.000			
GR	165.810	6784.000	167.810	6849.000	169.810	6924.000	.000	.000	.000	.000			

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000	.000	.000
NH	8.000	1.000	4595.000	.350	4870.000	.220	4969.500	.065	5016.500	.230			
NH	5215.000	.280	5460.000	.350	6060.000	1.000	6924.000	.000	.000	.000			
X1	11493.000	63.000	4984.500	5016.500	120.000	120.000	120.000	.000	120.000	.000			
X3	10.000	.000	.000	.000	.000	.000	.000	.000	147.780	.000			
GR	160.000	4327.000	160.000	4395.000	160.000	4503.000	160.000	4575.000	160.000	4595.000			
GR	160.000	4650.000	160.000	4722.000	158.000	4732.000	156.000	4743.000	154.670	4755.000			
GR	154.000	4761.000	152.000	4773.000	150.000	4788.000	148.000	4838.000	146.580	4870.000			
GR	146.000	4883.000	142.160	4943.500	140.510	4969.500	136.470	4983.500	136.310	4984.500			
GR	136.300	4984.510	135.480	4989.500	135.400	4990.000	137.520	4994.480	137.530	4994.690			
GR	137.530	4994.500	137.480	4995.500	137.480	4995.510	137.240	5000.500	137.000	5005.480			
GR	137.000	5005.490	137.000	5005.500	137.080	5006.510	137.080	5006.510	137.450	5011.500			
GR	137.530	5012.500	137.560	5016.490	137.560	5016.500	137.770	5042.500	139.140	5215.000			
GR	141.080	5460.000	144.000	5828.000	146.000	5876.000	148.000	5984.000	148.760	6060.000			
GR	149.370	6121.000	150.000	6184.000	151.770	6246.000	152.000	6254.000	153.750	6324.000			
GR	154.000	6334.000	155.910	6396.000	156.000	6399.000	157.050	6478.000	157.920	6543.000			
GR	158.000	6549.000	159.870	6605.000	160.000	6609.000	162.000	6669.000	164.000	6714.000			
GR	166.000	6784.000	168.000	6849.000	170.000	6924.000	.000	.000	.000	.000			



BT	.000	4989.500	147.730	145.400	4990.000	147.730	145.400	4994.480	147.740	145.400
BT	.000	4994.490	147.740	135.400	4994.500	147.740	135.410	4995.500	147.740	135.550
BT	.000	4995.510	147.740	145.550	5000.500	147.750	145.550	5005.480	147.760	145.550
BT	.000	5005.490	147.760	135.550	5005.500	147.760	134.880	5006.500	147.760	135.410
BT	.000	5006.510	147.760	145.410	5011.500	147.770	145.410	5012.500	147.780	145.410
BT	.000	5016.490	147.780	145.410	5016.500	147.780	135.410	5042.500	147.840	135.650
BT	.000	5215.000	147.870	137.020	5460.000	147.900	138.960	5828.000	147.960	141.880
BT	.000	5876.000	147.960	143.880	5984.000	148.010	145.880	6060.000	148.770	146.640
BT	.000	6121.000	149.380	147.250	6184.000	150.010	150.010	6246.000	151.780	149.650
BT	.000	6254.000	152.010	149.880	6324.000	153.760	151.630	6334.000	154.010	151.880
BT	.000	6396.000	155.920	153.790	6399.000	156.010	153.880	6478.000	157.060	154.930
BT	.000	6543.000	158.000	155.800	6549.000	158.190	155.880	6605.000	160.000	157.750
BT	.000	6609.000	160.000	157.880	6669.000	162.000	159.880	6714.000	164.000	161.880
BT	.000	6784.000	166.000	163.790	6849.000	168.000	165.880	6924.000	170.000	167.880
GR	157.880	4327.000	157.880	4395.000	157.880	4503.000	157.880	4575.000	157.880	4595.000
GR	157.880	4650.000	157.880	4722.000	155.880	4732.000	153.880	4743.000	152.550	4755.000
GR	151.880	4761.000	149.880	4773.000	147.880	4788.000	145.880	4838.000	144.460	4870.000
GR	143.880	4883.000	140.040	4943.500	138.390	4969.500	134.350	4983.500	135.400	4984.500
GR	135.400	4984.510	135.400	4989.500	135.400	4990.000	355.400	4994.480	135.400	4994.490
GR	135.410	4994.500	135.510	4995.500	135.550	4995.510	135.550	5000.500	135.550	5005.480
GR	135.550	5005.490	134.880	5005.500	135.410	5006.500	135.410	5006.510	135.410	5011.500
GP	135.410	5012.500	135.410	5016.490	135.410	5016.500	135.650	5042.500	137.020	5215.000
GR	138.960	5460.000	141.880	5828.000	143.880	5876.000	145.880	5984.000	146.640	6060.000
GR	147.250	6121.000	147.880	6184.000	149.650	6246.000	149.880	6254.000	151.630	6324.000
GR	151.880	6334.000	153.790	6396.000	153.880	6399.000	154.930	6478.000	155.800	6543.000
GR	155.880	6549.000	157.750	6605.000	157.880	6609.000	159.880	6669.000	161.880	6714.000
GR	163.880	6784.000	165.880	6849.000	167.880	6924.000	.000	6669.000	.000	.000
NH	8.000	1.000	4595.000	.350	4870.000	.220	4984.500	.065	5016.500	.230
NH	5215.000	.280	5460.000	.350	6060.000	1.000	6924.000	.000	.000	.000
X1	11546.000	63.000	4984.500	5016.500	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	147.630	147.780	.000
GR	160.000	4327.000	160.000	4395.000	160.000	4503.000	160.000	4575.000	160.000	4595.000
GR	160.000	4650.000	160.000	4722.000	158.000	4732.000	156.000	4743.000	154.670	4755.000
GR	154.000	4761.000	152.000	4773.000	150.000	4788.000	148.000	4838.000	146.580	4870.000
GR	146.000	4883.000	142.160	4943.500	140.510	4969.500	136.470	4983.500	136.310	4984.500
GR	136.300	4984.510	135.480	4989.500	135.400	4990.000	137.520	4994.480	137.530	4994.490
GR	137.530	4994.500	137.480	4995.500	137.480	4995.510	137.240	5000.500	137.000	5005.480
GR	137.530	5005.490	137.000	5005.500	137.080	5006.500	137.080	5006.510	137.450	5011.500
GR	141.080	5012.500	137.560	5016.490	137.560	5016.500	137.770	5042.500	139.140	5215.000
GR	149.370	5460.000	144.000	5828.000	146.000	5876.000	148.000	5984.000	148.760	6060.000
GR	154.000	6121.000	150.000	6184.000	151.770	6246.000	152.000	6254.000	153.750	6324.000
GR	158.000	6334.000	155.910	6396.000	156.000	6399.000	157.050	6478.000	157.920	6543.000
GR	166.000	6549.000	159.870	6605.000	160.000	6609.000	162.000	6669.000	164.000	6714.000
GR	166.000	6784.000	168.000	6849.000	170.000	6924.000	.000	.000	.000	.000
NH	8.000	1.000	4595.000	.350	4870.000	.220	4969.500	.065	5012.500	.230
NH	5215.000	.280	5460.000	.350	6060.000	1.000	6924.000	.000	.000	.000
X1	11576.000	63.000	4969.500	5012.500	30.000	30.000	30.000	.000	.000	.000
GR	160.080	4327.000	160.080	4395.000	160.080	4503.000	160.080	4575.000	160.080	4595.000
GR	160.080	4650.000	160.080	4722.000	158.080	4732.000	156.080	4743.000	154.750	4755.000
GR	154.080	4761.000	152.080	4773.000	150.080	4788.000	148.080	4838.000	146.660	4870.000
GR	146.080	4883.000	142.240	4943.500	140.590	4969.500	136.550	4983.500	136.390	4984.500
GR	136.360	4984.510	135.560	4989.500	135.480	4990.000	137.600	4994.480	137.610	4994.490

GR	137.610	4994.500	137.560	4995.500	137.560	4995.510	137.320	5000.500	137.080	5005.480
GR	137.080	5005.490	137.080	5005.500	137.160	5006.500	137.160	5006.510	137.530	5011.500
GR	137.610	5012.500	137.640	5016.490	137.640	5016.500	137.850	5042.500	139.220	5215.000
GR	141.160	5460.000	144.080	5828.000	146.080	5876.000	148.080	5984.000	148.840	6060.000
GR	149.450	6121.000	150.080	6184.000	151.850	6246.000	152.080	6254.000	153.830	6324.000
GR	154.080	6334.000	155.990	6396.000	156.080	6399.000	157.130	6478.000	158.000	6543.000
GR	158.080	6549.000	159.950	6605.000	160.080	6609.000	162.080	6669.000	164.080	6714.000
GR	166.080	6784.000	168.080	6849.000	170.080	6924.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
MH	8.000	1.000	4455.000	.350	4707.000	.165	4990.000	.065	5010.000	.170
MH	5230.000	.280	5323.000	.350	5510.000	1.000	6090.000	.000	.000	.000

Cross Section C

X1	13045.000	48.000	4990.000	5010.000	1468.500	1468.500	1468.500	.000	.000	.000
GR	177.800	4014.000	172.800	4119.000	170.000	4161.000	168.000	4182.000	166.000	4212.000
GR	164.000	4232.000	162.300	4264.000	160.000	4299.000	159.200	4311.000	158.000	4331.000
GR	156.000	4383.000	155.200	4405.000	154.000	4443.000	152.000	4455.000	150.000	4477.000
GR	149.000	4499.000	148.000	4529.000	146.000	4611.000	145.100	4643.000	144.000	4673.000
GR	143.800	4693.000	143.800	4707.000	143.790	4990.000	140.200	4995.000	139.500	4999.990
GR	139.500	5000.000	140.560	5005.000	143.790	5010.000	143.800	5095.000	144.000	5106.000
CR	146.000	5206.000	146.920	5230.000	148.000	5258.000	150.000	5323.000	152.000	5345.000
GR	154.000	5405.000	155.200	5463.000	155.390	5510.000	155.700	5588.000	156.000	5666.000
GR	158.000	5736.000	160.000	5851.000	162.000	5912.000	162.900	5937.000	164.000	5965.000
GR	166.000	6010.000	168.000	6055.000	170.000	6090.000	.000	.000	.000	.000
MH	8.000	1.000	4483.000	.350	4698.000	.165	4985.000	.065	5015.000	.170
MH	5130.000	.280	5400.000	.350	5650.000	1.000	6027.000	.000	.000	.000

Cross Section D

X1	14113.000	36.000	4985.000	5015.000	1068.000	1068.000	1068.000	.000	.000	.000
GR	170.000	4488.000	168.000	4513.000	166.000	4540.000	164.000	4571.000	162.000	4593.000
GR	160.000	4623.000	158.000	4638.000	156.000	4649.000	154.000	4659.000	152.000	4671.000
GR	150.000	4686.000	148.000	4698.000	146.000	4715.000	143.900	4985.000	143.190	4990.000
GR	142.800	4995.000	142.370	4999.990	142.370	5000.000	142.420	5005.000	143.110	5010.000
GR	143.900	5015.000	146.000	5130.000	148.000	5260.000	149.750	5400.000	150.000	5420.000
GR	152.000	5491.000	154.000	5562.000	156.000	5605.000	156.970	5650.000	158.000	5698.000
GR	160.000	5748.000	162.000	5783.000	164.000	5835.000	166.000	5905.000	168.000	5956.000
GR	170.000	6027.000	.000	.000	.000	.000	.000	.000	.000	.000
MH	8.000	1.000	4522.000	.350	4750.000	.150	4972.000	.072	5014.000	.170
MH	5178.000	.280	5410.000	.350	5662.000	1.000	6181.000	.000	.000	.000
X1	14801.000	61.000	4972.000	5014.000	688.000	688.000	688.000	.000	.000	.000
GR	169.520	4260.000	169.520	4380.000	169.520	4412.000	169.520	4430.000	169.520	4467.000
GR	167.520	4472.000	167.160	4477.000	165.520	4500.000	163.520	4522.000	161.520	4534.000
GR	159.520	4562.000	157.520	4574.000	155.520	4603.000	153.520	4625.000	151.520	4640.000
GR	149.520	4649.000	147.520	4664.000	145.520	4732.000	145.520	4750.000	145.520	4922.000
GR	145.520	4957.250	145.520	4972.000	145.770	4986.000	145.770	4987.750	145.770	4987.760
GR	145.770	4992.000	145.560	4993.750	144.840	4999.750	144.840	4999.740	144.840	4999.750
GR	144.840	4999.760	144.810	5000.000	144.330	5004.000	144.430	5005.750	144.680	5010.000
GR	146.270	5010.500	146.090	5011.740	146.090	5011.750	145.770	5014.000	145.720	5038.250
GR	145.520	5140.000	146.130	5178.000	147.520	5265.000	149.520	5272.000	151.520	5397.000



GR	151.870	5410.000	153.520	5472.000	155.520	5567.000	157.520	5662.000	159.080	5723.000
GR	159.520	5740.000	161.520	5781.000	161.860	5798.000	162.760	5843.000	163.520	5881.000
GR	163.960	5893.000	165.520	5936.000	166.510	5978.000	167.520	6021.000	167.520	6156.000
GR	169.520	6181.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	8.000	1.000	4522.000	.350	4750.000	.000	4987.750	.072	5011.750	.000
NH	5178.000	.280	5410.000	.350	5662.000	1.000	6181.000	.000	.000	.000
X1	14969.000	61.000	4987.750	5011.750	168.000	168.000	168.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	170.000	4260.000	170.000	4380.000	170.000	4412.000	170.000	4430.000	170.000	4467.000
GR	168.000	4472.000	167.640	4477.000	166.000	4500.000	164.000	4522.000	162.000	4534.000
GR	160.000	4562.000	158.000	4574.000	156.000	4603.000	154.000	4625.000	152.000	4640.000
GR	150.000	4649.000	148.000	4664.000	146.000	4732.000	146.000	4750.000	146.000	4922.000
GR	146.000	4957.250	146.000	4972.000	146.250	4986.000	146.250	4987.750	146.250	4987.750
GR	146.250	4992.000	146.040	4993.750	145.320	4999.730	145.320	4999.740	145.320	4999.750
GR	145.320	4999.760	145.290	5000.000	144.810	5004.000	144.910	5005.750	145.160	5010.000
GR	146.750	5010.500	146.570	5011.740	148.000	5011.750	146.250	5014.000	146.200	5038.250
GR	146.000	5140.000	146.610	5178.000	148.000	5265.000	150.000	5272.000	152.000	5397.000
GR	152.350	5410.000	154.000	5472.000	156.000	5567.000	158.000	5662.000	159.560	5723.000
GR	160.000	5740.000	162.000	5781.000	162.340	5798.000	163.240	5843.000	164.000	5881.000
GR	164.440	5893.000	166.000	5936.000	166.990	5978.000	168.000	6021.000	168.000	6156.000
GR	170.000	6181.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	8.000	1.000	4522.000	.350	4750.000	.150	4987.750	.020	5011.750	.170
NH	5178.000	.280	5410.000	.350	5662.000	1.000	6181.000	.000	.000	.000
X1	14970.000	61.000	4987.750	5011.750	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-61.000	4260.000	170.020	170.000	170.010	170.010	170.000	158.140	158.210	170.000
BT	.000	4630.000	170.010	170.000	170.010	170.010	170.000	4412.000	170.010	170.000
BT	.000	4477.000	167.650	167.640	166.010	166.010	166.000	4472.000	168.010	168.000
BT	.000	4534.000	162.010	162.000	160.010	160.000	160.000	4522.000	164.010	164.000
BT	.000	4603.000	159.510	159.510	159.430	159.280	154.000	4574.000	159.620	158.000
BT	.000	4649.000	159.330	150.000	148.000	148.000	148.000	4640.000	159.370	152.000
BT	.000	4750.000	158.940	146.000	146.000	146.000	146.000	4732.000	159.010	146.000
BT	.000	4972.000	158.160	146.000	148.000	158.280	146.250	4957.250	158.140	146.000
BT	.000	4987.760	158.180	156.750	14986.000	158.180	146.250	4987.750	158.180	146.750
BT	.000	4999.730	158.190	156.750	4992.000	158.180	155.750	4993.750	158.190	156.750
BT	.000	4999.760	158.190	156.750	4999.740	158.190	146.750	4999.750	158.190	144.810
BT	.000	5005.750	158.200	154.810	5000.000	158.190	154.810	5004.000	158.200	154.810
BT	.000	5011.740	158.210	154.810	5010.000	158.210	154.810	5010.500	158.210	154.810
BT	.000	5038.250	158.240	146.200	5011.750	158.210	144.810	5014.000	158.210	146.250
BT	.000	5265.000	158.820	148.000	5140.000	158.500	146.000	5178.000	158.600	146.610
BT	.000	5410.000	159.200	152.350	5472.000	158.840	150.000	5397.000	159.160	152.000
BT	.000	5662.000	159.840	158.000	5723.000	159.350	154.000	5567.000	159.600	156.000
BT	.000	5781.000	162.070	162.000	5798.000	160.000	159.560	5740.000	160.450	160.000
BT	.000	5881.000	164.010	164.000	5893.000	164.450	166.440	5843.000	163.600	163.240
BT	.000	5978.000	167.000	166.990	6021.000	168.020	168.000	5936.000	166.010	166.000
BT	.000	6181.000	170.020	170.000	.000	.000	.000	6156.000	168.020	166.000
CR	170.000	4260.000	170.000	4380.000	170.000	4412.000	170.000	4430.000	170.000	4467.000
CR	168.000	4472.000	167.640	4477.000	166.000	4500.000	164.000	4522.000	162.000	4534.000
GR	150.000	4562.000	158.000	4574.000	156.000	4603.000	154.000	4625.000	152.000	4640.000
GR	150.000	4649.000	148.000	4664.000	146.000	4732.000	146.000	4750.000	146.000	4922.000
GR	146.000	4957.250	146.000	4972.000	146.250	4986.000	146.250	4987.750	146.250	4987.750
GR	146.250	4992.000	146.040	4993.750	145.320	4999.730	145.320	4999.740	145.320	4999.750
GR	145.320	4999.760	145.290	5000.000	144.810	5004.000	144.910	5005.750	145.160	5010.000
GR	146.750	5010.500	146.570	5011.740	148.000	5011.750	146.250	5014.000	146.200	5038.250
GR	146.000	5140.000	146.610	5178.000	148.000	5265.000	150.000	5272.000	152.000	5397.000
GR	152.350	5410.000	154.000	5472.000	156.000	5567.000	158.000	5662.000	159.560	5723.000
GR	160.000	5740.000	162.000	5781.000	162.340	5798.000	163.240	5843.000	164.000	5881.000
GR	164.440	5893.000	166.000	5936.000	166.990	5978.000	168.000	6021.000	168.000	6156.000
GR	170.000	6181.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	146.000	4957.250	146.000	4972.000	146.250	4986.000	146.250	4987.750	146.250	4987.750







NH	7.000	1.000	4650.000	.350	4845.000	.175	4991.500	.072	5008.500	.170
NH	5212.000	.350	5385.000	1.000	5593.000	.000	.000	.000	.000	.000

## Cross Section F

X1	16634.000	34.000	4991.500	5008.500	1285.000	1285.000	1285.000	.000	.000	.000
GR	170.000	4413.000	168.000	4465.000	166.000	4507.000	164.000	4546.000	162.000	4581.000
GR	160.000	4620.000	158.000	4650.000	156.000	4666.000	154.000	4703.000	152.000	4742.000
GR	150.000	4787.000	148.000	4835.000	148.010	4845.000	148.210	4991.500	147.270	4993.500
GR	147.050	4998.500	147.110	5000.000	147.270	5004.500	148.560	5008.500	147.890	5033.500
GR	148.000	5165.000	149.180	5212.000	150.000	5245.000	152.000	5259.000	154.000	5279.000
GR	156.000	5291.000	158.000	5331.000	160.000	5353.000	161.420	5385.000	162.000	5398.000
GR	164.000	5466.000	166.000	5503.000	168.000	5538.000	170.000	5593.000	.000	.000
NH	7.000	1.000	4646.000	.350	4836.000	.175	4992.000	.072	5016.000	.170
NH	5222.000	.350	5494.000	1.000	5630.000	.000	.000	.000	.000	.000
QT	5.000	378.000	790.000	1036.000	1945.000	1036.000	.000	.000	.000	.000

## Cross Section G

X1	17329.000	34.000	4992.000	5016.000	695.000	695.000	695.000	.000	.000	.000
GR	170.000	4585.000	168.000	4614.000	166.000	4646.000	164.000	4664.000	162.000	4693.000
GR	160.000	4715.000	158.000	4740.000	156.000	4765.000	154.400	4793.000	154.000	4814.000
GR	152.000	4836.000	150.000	4861.000	149.800	4923.000	149.880	4992.000	148.700	4995.000
GR	147.930	4999.990	147.930	5000.000	148.700	5005.000	147.760	5010.000	147.490	5015.000
GR	148.800	5016.000	148.800	5222.000	150.000	5250.000	152.000	5278.000	154.000	5288.000
GR	156.000	5350.000	158.000	5411.000	159.100	5441.000	160.000	5456.000	162.000	5494.000
GR	164.000	5529.000	166.000	5559.000	168.000	5604.000	170.000	5630.000	.000	.000
NH	7.000	1.000	4630.000	.300	4781.000	.130	4993.500	.065	5006.500	.150
NH	5157.800	.350	5485.000	1.000	5807.000	.000	.000	.000	.000	.000

## Cross Section H

X1	19204.000	37.000	4993.500	5006.500	1875.000	1875.000	1875.000	.000	.000	.000
GR	180.400	4305.000	176.700	4457.000	173.200	4588.000	170.000	4630.000	168.000	4652.000
GR	166.000	4672.000	165.000	4683.000	164.000	4691.000	162.000	4703.000	160.000	4718.000
GR	158.000	4735.000	156.000	4760.000	154.000	4781.000	153.600	4789.000	152.200	4889.000
GR	152.000	4991.000	152.030	4993.500	151.000	4996.500	150.830	4999.500	150.850	5000.000
GR	151.000	5004.500	152.280	5006.500	152.000	5012.000	154.000	5157.000	156.000	5189.000
GR	158.000	5220.000	160.000	5239.000	160.800	5261.000	162.000	5283.000	164.000	5348.000
GR	166.000	5378.000	167.200	5397.000	168.000	5428.000	170.000	5438.000	172.040	5485.000
GR	175.500	5565.000	184.400	5807.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4702.000	.350	4836.000	.175	4988.000	.072	5012.000	.170
NH	5135.000	.350	5321.000	1.000	5603.000	.000	.000	.000	.000	.000

## Cross Section I



NH	7.000	1.000	4832.500	.350	4938.000	.165	4989.000	.020	5011.000	.160
NH	5070.000	.350	5200.000	1.000	6275.000	.000	.000	.000	.000	.000
X1	22709.000	42.000	4989.000	5011.000	1.000	1.000	1.000	167.640	167.700	.000
X3	10.000	.000	.000	.000	.000	.000	.000	4505.000	180.010	180.000
BT	-42.000	3221.500	186.420	186.400	3465.000	185.010	185.000	4832.500	170.000	169.490
BT	.000	4605.000	175.010	175.000	4805.000	170.280	170.000	4951.500	168.000	164.730
BT	.000	4913.000	168.650	168.000	4938.000	168.230	166.000	4969.000	167.650	164.000
BT	.000	4964.500	167.640	163.510	4966.500	167.640	163.320	4989.010	167.670	167.050
BT	.000	4980.000	167.660	162.000	4989.000	167.670	159.050	4994.000	167.680	167.050
BT	.000	4991.100	167.670	167.050	4992.500	167.680	159.050	5000.000	167.690	156.010
BT	.000	4998.990	167.680	167.050	4999.000	167.690	159.050	5001.010	167.690	167.010
BT	.000	5000.500	167.690	155.800	5001.000	167.690	159.010	5010.500	167.700	167.010
BT	.000	5006.000	167.700	167.010	5007.500	167.700	159.010	5033.500	167.730	162.870
BT	.000	5010.990	167.700	167.010	5011.000	167.700	159.010	5115.000	169.200	164.000
BT	.000	5051.500	168.000	163.120	5070.000	168.350	163.380	5200.000	170.700	167.020
BT	.000	5157.500	170.000	165.440	5174.000	170.270	166.000	5225.000	176.040	175.000
BT	.000	5225.000	171.110	168.000	5275.000	171.930	170.000	6275.000	185.020	185.000
BT	.000	5625.000	180.010	180.000	5125.500	185.900	183.850	4605.000	170.000	4805.000
GR	186.400	3221.500	185.000	3465.000	180.000	4505.000	175.000	4951.500	163.510	4964.500
GR	169.490	4832.500	168.000	4913.000	166.000	4938.000	164.730	4989.000	159.050	4989.010
GR	163.320	4966.500	164.000	4969.000	162.000	4980.000	159.050	4998.990	159.050	5006.000
GR	159.050	4991.100	159.050	4992.500	159.050	4994.000	159.010	5001.010	162.870	5033.500
GR	156.010	5000.000	155.800	5000.500	159.010	5001.000	159.010	5011.000	166.000	5174.000
GR	163.120	5051.500	163.380	5070.000	164.000	5115.000	165.440	5157.500	180.000	5625.000
GR	167.020	5200.000	168.000	5225.000	170.000	5275.000	175.000	5525.000	.000	.000
GR	183.850	6125.500	185.000	6275.000	.000	.000	.000	.000	.000	.000

NH	7.000	1.000	4832.500	.350	4938.000	.165	4989.000	.020	5011.000	.160
NH	5070.000	.350	5200.000	1.000	6275.000	.000	.000	.000	.000	.000

May 13

X1	22751.000	42.000	4989.000	5011.000	42.000	42.000	42.000	.000	167.700	.000
X3	10.000	.000	.000	.000	.000	.000	.000	167.640	167.700	.000
BT	-42.000	3221.500	186.420	186.400	3465.000	185.010	185.000	4505.000	180.010	180.000
BT	.000	4605.000	175.010	175.000	4805.000	170.280	170.000	4832.500	170.000	169.490
BT	.000	4913.000	168.650	168.000	4938.000	168.230	166.000	4951.500	168.000	164.730
BT	.000	4964.500	167.640	163.510	4966.500	167.640	163.320	4969.000	167.650	164.000
BT	.000	4980.000	167.660	162.000	4989.000	167.670	159.050	4989.010	167.670	167.050
BT	.000	4991.100	167.670	167.050	4992.500	167.680	167.050	4994.000	167.680	167.050
BT	.000	4998.990	167.680	167.050	4999.000	167.690	159.050	5000.000	167.690	156.010
BT	.000	5000.500	167.690	155.800	5001.000	167.690	159.010	5001.010	167.690	167.010
BT	.000	5006.000	167.700	167.010	5007.500	167.700	167.010	5010.500	167.700	167.010
BT	.000	5010.990	167.700	167.010	5011.000	167.700	159.010	5033.500	167.730	162.870
BT	.000	5051.500	168.000	163.120	5070.000	168.350	166.000	5115.000	169.200	164.000
BT	.000	5157.500	170.000	165.440	5174.000	170.270	166.000	5200.000	170.700	167.020
BT	.000	5225.000	171.110	168.000	5275.000	171.930	170.000	5525.000	176.040	175.000
BT	.000	5625.000	180.010	180.000	5125.500	185.900	183.850	4605.000	185.020	185.000
GR	186.400	3221.500	185.000	3465.000	180.000	4505.000	175.000	4951.500	163.510	4964.500
GR	169.490	4832.500	168.000	4913.000	166.000	4938.000	164.730	4989.000	159.050	4989.010
GR	163.320	4966.500	164.000	4969.000	162.000	4980.000	159.050	4998.990	159.050	5006.000
GR	159.050	4991.100	159.050	4992.500	159.050	4994.000	159.010	5001.010	162.870	5033.500
GR	156.010	5000.000	155.800	5000.500	159.010	5001.000	159.010	5011.000	166.000	5174.000
GR	163.120	5051.500	163.380	5070.000	164.000	5115.000	165.440	5157.500	180.000	5625.000
GR	167.020	5200.000	168.000	5225.000	170.000	5275.000	175.000	5525.000	.000	.000
GR	183.850	6125.500	185.000	6275.000	.000	.000	.000	.000	.000	.000

NH	7.000	1.000	4832.500	.350	4938.000	.165	4989.000	.020	5011.000	.160
NH	5070.000	.350	5200.000	1.000	6275.000	.000	.000	.000	.000	.000

GR	156.010	5000.000	155.800	5000.500	159.010	5001.000	159.010	5001.010	159.010	5006.000
GR	159.010	5007.500	159.010	5010.500	159.010	5010.990	159.010	5011.000	162.870	5033.500
GR	163.120	5051.500	163.380	5070.000	164.000	5115.000	165.440	5157.500	166.000	5174.000
GR	167.020	5200.000	168.000	5225.000	170.000	5275.000	175.000	5525.000	180.000	5625.000
GR	183.850	6125.500	185.000	6275.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4832.500	.350	4938.000	.165	4989.000	.072	5011.000	.160
NH	5070.000	.350	5200.000	1.000	6275.000	.000	.000	.000	.000	.000
X1	22752.000	42.000	4989.000	5011.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	167.640	167.700	.000
GR	186.400	3221.500	185.000	3465.000	180.000	4505.000	175.000	4605.000	170.000	4805.000
GR	169.490	4832.500	168.000	4913.000	166.000	4938.000	164.730	4951.500	163.510	4964.500
GR	163.320	4966.500	164.000	4969.000	162.000	4980.000	160.560	4989.000	160.560	4989.010
GR	160.220	4991.100	159.150	4992.500	158.520	4994.000	156.430	4998.990	156.430	4999.000
GR	156.010	5000.000	155.800	5000.500	155.840	5001.000	155.840	5001.010	156.220	5006.000
GR	156.330	5007.500	162.550	5010.500	162.560	5010.990	162.560	5011.000	162.870	5033.500
GR	163.120	5051.500	163.380	5070.000	164.000	5115.000	165.440	5157.500	166.000	5174.000
GR	167.020	5200.000	168.000	5225.000	170.000	5275.000	175.000	5525.000	180.000	5625.000
GR	183.850	6125.500	185.000	6275.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4832.500	.350	4938.000	.165	4991.100	.072	5010.500	.160
NH	5070.000	.350	5200.000	1.000	6275.000	.000	.000	.000	.000	.000
X1	22771.000	42.000	4991.100	5010.500	19.400	19.400	19.400	.000	.000	.000
GR	186.530	3221.500	185.130	3465.000	180.130	4505.000	175.130	4605.000	170.130	4805.000
GR	169.620	4832.500	168.130	4.13.000	166.130	4938.000	164.860	4951.500	163.640	4964.500
GR	163.450	4966.500	164.130	4969.000	162.130	4980.000	160.690	4989.000	160.690	4989.010
GR	160.350	4991.100	159.280	4992.500	158.650	4994.000	156.560	4998.990	156.560	4999.000
GR	156.140	5000.000	155.930	5000.500	155.970	5001.000	155.970	5001.010	156.350	5006.000
GR	156.460	5007.500	162.680	5010.500	162.690	5010.990	162.690	5011.000	163.000	5033.500
GR	163.250	5051.500	163.510	5070.000	164.130	5115.000	165.570	5157.500	166.130	5174.000
GR	167.150	5200.000	168.130	5225.000	170.130	5275.000	175.130	5525.000	180.130	5625.000
GR	183.980	6125.500	185.130	6275.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.000	4780.000	.350	4917.000	.165	4987.500	.072	5012.500	.160
NH	5108.000	.350	5200.000	1.000	5469.000	.000	.000	.000	.000	.000

Cross Section K

X1	23310.000	22.000	4987.500	5012.500	538.600	538.600	538.600	.000	.000	.000
GR	181.500	4410.000	179.500	4572.000	175.900	4717.000	173.810	4780.000	171.100	4862.000
GR	170.000	4877.000	168.000	4897.000	166.000	4917.000	162.930	4987.500	159.520	4988.500
GR	159.600	4994.500	159.520	5008.500	164.000	5012.500	164.080	5014.500	164.700	5108.000
GR	166.000	5155.000	168.000	5170.000	169.000	5179.000	170.000	5187.000	170.470	5200.000
GR	174.000	5298.000	182.500	5469.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4742.000	.350	4900.000	.215	4994.750	.072	5005.250	.210
NH	5080.000	.350	5290.000	1.000	5850.000	.000	.000	.000	.000	.000
X1	23722.000	43.000	4994.750	5005.250	412.000	412.000	412.000	.000	.000	.000
GR	179.550	3785.000	179.550	4275.000	179.550	4652.000	174.550	4742.000	169.550	4817.000
GR	167.550	4875.000	166.880	4900.000	165.060	4968.500	164.360	4994.750	164.340	4995.000
GR	164.290	4995.500	164.250	4996.000	164.200	4996.500	164.180	4996.750	164.170	4997.000
GR	164.160	4997.500	164.150	4998.000	164.130	4998.500	164.120	4999.000	164.100	4999.750
GR	164.170	5000.000	164.240	5000.250	164.320	5001.250	164.260	5001.500	164.140	5002.000



GR	164.020	5002.500	163.900	5003.000	163.840	5003.250	163.940	5003.500	164.130	5004.000
GR	164.330	5004.500	164.520	5005.000	164.620	5005.250	164.620	5005.500	165.070	5031.500
GR	165.910	5080.000	167.550	5175.000	169.550	5185.000	173.750	5290.000	174.550	5310.000
GR	179.550	5360.000	179.550	5400.000	179.550	5850.000	175.000	.000	.000	.000
MC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	1.000	4742.000	.350	4900.000	.215	4995.000	.072	5005.500	.210
NH	5080.000	.350	5290.000	1.000	5850.000	.000	.000	.000	.000	.000
X1	23764.000	43.000	4995.000	5005.500	42.000	42.000	42.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	179.990	3785.000	179.990	4275.000	179.990	4652.000	174.990	4742.000	169.990	4817.000
GR	167.990	4875.000	167.320	4900.000	165.500	4968.500	164.800	4994.750	164.780	4995.000
GR	164.730	4995.500	164.690	4996.000	164.640	4996.500	164.620	4996.750	164.610	4997.000
GR	164.600	4997.500	164.590	4998.000	164.570	4998.500	164.560	4999.000	164.540	4999.750
GR	164.610	5000.000	164.680	5000.250	164.760	5001.250	164.700	5001.500	164.580	5002.000
GR	164.460	5002.500	164.340	5003.000	164.280	5003.250	164.380	5003.500	164.570	5004.000
GR	164.770	5004.500	164.960	5005.000	165.060	5005.250	165.060	5005.500	165.510	5031.500
GR	166.350	5080.000	167.990	5175.000	169.990	5185.000	174.190	5290.000	174.990	5310.000
GR	179.990	5360.000	179.990	5400.000	179.990	5850.000	.000	.000	.000	.000
NH	7.000	1.000	4742.000	.350	4900.000	.215	4995.000	.020	5005.500	.210
NH	5080.000	.350	5290.000	1.000	5850.000	.000	.000	.000	.000	.000
X1	23765.000	43.000	4995.000	5005.500	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BT	-43.000	3785.000	180.020	180.000	4275.000	180.010	180.000	4652.000	180.010	180.000
BT	.000	4742.000	175.110	175.000	4817.000	175.130	170.000	4875.000	175.150	168.000
BT	.000	4900.000	175.150	167.330	4968.500	175.170	165.510	4994.750	175.120	164.810
BT	.000	4995.000	175.120	166.630	4995.500	175.110	167.950	4996.000	175.110	168.360
BT	.000	4996.500	175.110	168.570	4996.750	175.110	168.360	4997.000	175.110	167.950
BT	.000	4997.500	175.110	168.630	4998.000	175.110	164.550	4998.500	175.110	166.620
BT	.000	4999.000	175.110	166.630	4999.750	175.110	166.290	5000.000	175.110	166.230
BT	.000	5000.250	175.100	164.690	5001.250	175.100	164.770	5001.500	175.100	166.290
BT	.000	5003.250	175.100	167.610	5002.500	175.100	168.020	5003.000	175.100	168.230
BT	.000	5004.500	175.100	168.260	5005.000	175.100	168.290	5004.000	175.100	166.950
BT	.000	5005.500	175.100	168.020	5005.000	175.090	167.610	5005.250	175.090	166.360
BT	.000	5005.500	175.090	166.290	5031.500	175.040	165.520	5080.000	175.030	174.200
BT	.000	5175.000	175.020	168.000	5185.000	175.020	170.000	5290.000	175.010	174.200
BT	.000	5310.000	175.010	175.000	5360.000	180.010	180.000	5400.000	180.010	130.000
BT	.000	5850.000	180.020	180.000	.000	.000	.000	.000	.000	.000
GR	180.000	3785.000	180.000	4275.000	180.000	4652.000	175.000	4742.000	170.000	4817.000
GR	168.000	4875.000	167.330	4900.000	165.510	4968.500	164.810	4994.750	166.630	4995.000
GR	165.310	4995.500	164.900	4996.000	164.660	4996.500	164.650	4996.750	164.630	4997.000
GR	164.690	4997.500	164.900	4998.000	165.310	4998.500	166.630	4999.000	164.550	4999.750
GR	164.620	5000.000	164.690	5000.250	164.770	5001.250	166.290	5001.500	164.570	5002.000
GR	164.560	5002.500	164.350	5003.000	164.320	5003.250	164.290	5003.500	164.350	5004.000
GR	164.560	5004.500	164.970	5005.000	165.630	5005.250	166.290	5005.500	165.520	5031.500
GR	166.360	5080.000	168.000	5175.000	174.200	5185.000	174.200	5290.000	175.000	5310.000
GR	180.000	5360.000	180.000	5400.000	180.000	5850.000	.000	.000	.000	.000

NH	7.000	1.000	4742.000	.350	4990.000	.215	4995.000	-.020	5005.500	.210
NH	5080.000	.350	5290.000	1.000	5850.000	.000	.000	.000	.000	.000

Circular Culvert over Beaverdam Creek

X1	23841.000	43.000	4995.000	5005.500	76.000	76.000	76.000	-.000	175.010	.000
X3	10.000	.000	.000	.000	4275.000	.000	180.010	4652.000	180.010	180.000
BT	-43.000	3785.000	180.020	180.000	4817.000	175.130	170.000	4875.000	175.150	168.000
BT	.000	4742.000	175.110	175.000	4968.500	175.170	165.510	4994.750	175.120	164.810
BT	.000	4900.000	175.150	167.330	4995.500	175.110	167.950	4996.000	175.110	168.360
BT	.000	4995.000	175.120	166.630	4995.750	175.110	168.600	4997.000	175.170	168.630
BT	.000	4996.500	175.110	168.570	4998.000	175.110	168.360	4998.500	175.110	167.950
BT	.000	4997.500	175.110	166.630	4999.750	175.110	164.550	5000.000	175.110	164.620
BT	.000	4999.000	175.110	166.630	5001.250	175.100	164.770	5001.500	175.100	164.620
BT	.000	5000.250	175.100	167.610	5002.500	175.100	168.020	5003.000	175.100	168.230
BT	.000	5002.250	175.100	169.260	5003.500	175.100	168.290	5004.000	175.100	168.230
BT	.000	5003.250	175.100	168.020	5005.000	175.090	167.610	5005.250	175.090	166.950
BT	.000	5004.500	175.100	168.020	5031.500	175.040	165.520	5080.000	175.030	166.360
BT	.000	5005.500	175.090	166.290	5185.000	175.020	170.000	5290.000	174.200	174.200
BT	.000	5175.000	175.090	168.000	5360.000	180.010	180.000	5400.000	180.010	180.000
BT	.000	5310.000	175.010	175.000	5850.000	.000	.000	5850.000	.000	.000
BT	.000	5850.000	180.020	180.000	4275.000	180.000	4652.000	4742.000	170.000	4817.000
GR	180.000	3785.000	180.000	4275.000	180.000	4652.000	175.000	4742.000	170.000	4817.000
GR	168.000	4875.000	167.330	4996.000	164.690	4996.500	164.660	4996.750	164.630	4997.000
GR	165.310	4995.500	164.900	4998.000	165.310	5001.250	166.630	5001.500	164.550	5002.000
GR	164.690	4997.500	164.900	4998.000	164.770	5003.250	164.290	5003.500	164.350	5004.000
GR	164.620	5000.000	164.690	5000.250	164.320	5003.250	166.290	5005.500	165.520	5031.500
GR	164.560	5002.500	164.330	5003.000	165.630	5005.250	166.290	5005.500	175.000	5310.000
GR	164.560	5004.500	164.970	5175.000	180.000	5185.000	174.200	5290.000	175.000	5310.000
GR	166.360	5080.000	168.000	5400.000	180.000	5850.000	.000	.000	.000	.000

NH	7.000	1.000	4742.000	.350	4990.000	.215	4995.000	-.072	5005.500	.210
NH	5080.000	.350	5290.000	1.000	5850.000	.000	.000	.000	.000	.000
X1	23842.000	43.000	4995.000	5005.500	1.000	1.000	1.000	175.110	175.010	.000
X3	10.000	.000	.000	.000	4652.000	.000	175.000	4742.000	170.000	4817.000
GR	180.000	3785.000	180.000	4275.000	180.000	4652.000	175.000	4742.000	170.000	4817.000
GR	168.000	4875.000	167.330	4996.000	165.510	4968.500	164.810	4994.750	164.790	4995.000
GR	164.740	4995.500	164.700	4996.000	164.650	4996.500	164.630	4996.750	164.620	4997.000
GR	164.610	4997.500	164.600	4998.000	164.580	4998.500	164.570	4999.000	164.550	4999.750
GR	164.620	5000.000	164.690	5000.250	164.770	5001.250	164.710	5001.500	164.590	5002.000
GR	164.470	5002.500	164.330	5003.000	164.290	5003.250	164.390	5003.500	164.580	5004.000
GR	164.780	5004.500	164.970	5005.000	165.070	5005.250	165.070	5005.500	165.520	5031.500
GR	166.360	5080.000	168.000	5175.000	170.000	5185.000	174.200	5290.000	175.000	5310.000
GR	180.000	5360.000	180.000	5400.000	180.000	5850.000	.000	.000	.000	.000



THIS RUN EXECUTED 12-12-88 12:21:23

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

Beaverdam Creek Da

## SUMMARY PRINTOUT

SECNO	XLCH	CWSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
6534.900	.00	140.74	125.38	4728.31	.00	4972.00	5028.00	.00	5372.15	643.84
6758.900	224.00	141.07	125.47	4958.79	.00	4958.79	5028.10	.00	5028.10	69.32
6759.900	1.00	141.05	125.38	4958.79	.00	4958.79	5028.10	.00	5028.10	66.68
6785.200	25.30	141.07	125.38	4958.79	.00	4958.79	5028.10	.00	5028.10	66.78
6786.200	1.00	141.12	125.49	4958.79	.00	4958.79	5028.10	.00	5028.10	69.32
6842.200	56.00	141.23	126.60	4742.99	.00	4972.00	5028.00	.00	5329.80	586.81
7325.000	482.75	142.47	136.16	4874.17	.00	4985.00	5015.00	.00	5334.78	460.61
7813.000	488.00	142.82	132.20	4537.27	.00	4739.64	4796.14	.00	5457.20	919.93
8039.000	226.00	142.85	130.37	4739.64	.00	4739.64	4796.14	.00	4796.14	56.50
8040.000	1.00	141.45	125.90	4739.64	.00	4739.64	4796.14	.00	4796.14	56.50
8260.000	220.00	143.33	131.54	4739.64	.00	4739.64	4796.14	.00	4796.14	56.50
8261.000	1.00	146.88	136.00	4739.64	.00	4739.64	4796.14	.00	4796.14	56.50
8317.500	56.50	147.22	135.85	4530.38	.00	4739.64	4796.14	.00	5483.60	953.21
9625.000	1307.50	147.35	132.47	4721.93	.00	4921.00	5096.00	.00	5296.35	574.42
11373.000	1748.50	147.50	135.21	4844.89	.00	4969.50	5012.50	.00	5967.48	1122.59
11493.000	120.00	147.26	135.40	4984.50	.00	4984.50	5016.50	.00	5016.50	32.00
11494.000	1.00	147.20	134.88	4984.50	.00	4984.50	5016.50	.00	5016.50	32.00

SECNO	XLCH	CMSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
11545.000	51.00	147.25	134.88	4984.50	.00	4984.50	5016.50	.00	5016.50	32.00
11546.000	1.00	147.44	135.40	4984.50	.00	4984.50	5016.50	.00	5016.50	32.00
11576.000	30.00	148.17	135.48	4835.81	.00	4969.50	5012.50	.00	5992.77	1156.97
13045.000	1468.50	148.52	139.50	4513.65	.00	4990.00	5010.00	.00	5274.63	760.99
14113.000	1068.00	149.50	142.37	4689.03	.00	4985.00	5015.00	.00	5379.60	690.57
14801.000	688.00	150.20	144.33	4645.96	.00	4972.00	5014.00	.00	5314.29	668.33
* 14969.000	168.00	151.61	144.81	4987.75	.00	4987.75	5011.75	.00	5011.75	24.00
* 14970.000	1.00	151.79	144.81	4987.75	.00	4987.75	5011.75	.00	5011.75	24.00
15008.000	38.00	153.31	144.81	4987.75	.00	4987.75	5011.75	.00	5011.75	24.00
15009.000	1.00	153.63	144.80	4987.75	.00	4987.75	5011.75	.00	5011.75	24.00
15051.000	42.00	155.83	144.48	4600.67	.00	4972.00	5014.00	.00	5574.64	973.97
15349.000	298.00	155.85	142.20	4602.98	.00	4991.50	5008.50	.00	5454.60	851.62
16634.000	1285.00	156.02	147.05	4665.87	.00	4991.50	5008.50	.00	5291.32	625.45
17329.000	695.00	156.15	147.49	4763.19	.00	4992.00	5016.00	.00	5354.42	591.23
19204.000	1875.00	156.55	150.83	4753.09	.00	4993.50	5006.50	.00	5197.57	444.48
20854.000	1650.00	158.73	153.55	4864.30	.00	4988.00	5012.00	.00	5233.23	368.94
21859.000	1005.00	162.37	155.98	4857.86	.00	4995.50	5004.50	.00	5122.77	264.92
22630.000	771.40	164.94	155.82	4949.53	.00	4991.10	5010.50	.00	5142.01	192.48
22708.000	77.60	165.35	155.80	4989.00	.00	4989.00	5011.00	.00	5011.00	22.00
22709.000	1.00	165.09	155.80	4989.00	.00	4989.00	5011.00	.00	5011.00	22.00
22751.000	42.00	165.18	155.80	4989.00	.00	4989.00	5011.00	.00	5011.00	22.00
22752.000	1.00	165.93	155.80	4989.00	.00	4989.00	5011.00	.00	5011.00	22.00
22771.000	19.40	166.52	155.93	4933.01	.00	4991.10	5010.50	.00	5184.17	251.16
23310.000	538.60	167.60	159.52	4900.95	.00	4987.50	5012.50	.00	5167.04	266.09
23722.000	412.00	168.81	163.84	4838.54	.00	4994.75	5005.25	.00	5181.29	342.74
* 23764.000	42.00	171.33	164.28	4995.00	.00	4995.00	5005.50	.00	5005.50	10.50

SECNO	XLCH	CVSEL	ELMIN	SSTA	S1ENCL	STCHL	STCHR	STENCR	ENDST	TTCWID
23765.000	1.00	176.60	164.29	4713.28	.00	4995.00	5005.50	.00	5325.95	612.67
23841.000	76.00	177.57	164.29	4695.76	.00	4995.00	5005.50	.00	5335.69	639.93
23842.000	1.00	177.74	164.29	4692.75	.00	4995.00	5005.50	.00	5337.36	644.61
23852.000	10.50	177.74	164.29	4692.57	.00	4994.75	5005.25	.00	5337.46	644.88