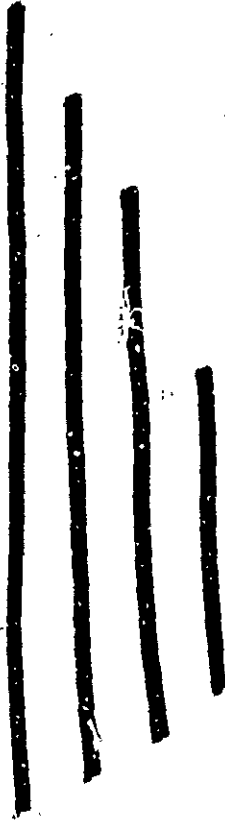


LOWER CREEK



02-22-86 07:35:24

PAGE 2

INLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 02-22-86 03:38:48

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LOW3.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK DATE: 02/22/86 FLOODWAY

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	8.	0.	0.	.000000	.00	.0	0.	109.420	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 02-22-86 03:41:07

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LOW3.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK, DATE: 02/22/86 10-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	2.	0.	0.	.000000	.00	.0	0.	104.070	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

THLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 02-22-86 03:43:17

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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LOW3.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK, DATE: 02/22/86 50-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	.000000	.00	.0	0.	107.250	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	4.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

02-22-86 03:35:24

PAGE 6

THIS RUN EXECUTED 02-22-86 03:45:24

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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
T2 FILENAME: LOW3.HEC ENG: SKE EA: DLY COMM 2320
T3 LOWER CREEK, DATE: 02/22/86 100-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.000000	.00	.0	0.	108.520	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FW	ALLOC	IBW	CHNIN	ITRACE
	5.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 02-22-86 03:47:33

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LOW3.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK, DATE: 02/22/86 500-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	.000000	.00	.0	0.	111.800	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	.000	-1.000	.000	.000	.600	.000	.000	.000	.000

IHLQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

 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

LOWER CREEK D

SUMMARY PRINTOUT

SECTO	XLCH	CMSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
53398.000	.00	108.52	89.31	4766.58	.00	5000.00	5041.00	.00	5395.52	628.94
53398.000	.00	109.42	89.31	4918.00	4918.00	5000.00	5041.00	5118.00	5118.00	200.00
53398.000	.00	104.07	89.31	4786.36	.00	5000.00	5041.00	.00	5157.98	371.62
53398.000	.00	107.25	89.31	4772.22	.00	5000.00	5041.00	.00	5362.50	558.04
53398.000	.00	108.52	89.31	4766.58	.00	5000.00	5041.00	.00	5395.52	628.94
53398.000	.00	111.80	89.31	4755.80	.00	5000.00	5041.00	.00	5451.52	695.72
53421.000	23.00	108.52	89.31	4766.58	.00	5000.00	5041.00	.00	5395.52	628.95
53421.000	23.00	109.52	89.31	4918.00	4918.00	5000.00	5041.00	5118.00	5118.00	200.00
53421.000	23.00	104.16	89.31	4785.94	.00	5000.00	5041.00	.00	5158.37	372.44
53421.000	23.00	107.25	89.31	4772.22	.00	5000.00	5041.00	.00	5362.50	558.05
53421.000	23.00	108.52	89.31	4766.58	.00	5000.00	5041.00	.00	5395.52	628.95
53421.000	23.00	111.80	89.31	4755.80	.00	5000.00	5041.00	.00	5451.52	695.72
53460.000	39.00	108.55	89.38	4766.77	.00	5000.00	5041.00	.00	5394.41	627.64
53460.000	39.00	109.54	89.38	4918.00	4918.00	5000.00	5041.00	5118.00	5118.00	200.00
53460.000	39.00	104.18	89.38	4786.16	.00	5000.00	5041.00	.00	5158.16	372.01
53460.000	39.00	107.27	89.38	4772.42	.00	5000.00	5041.00	.00	5361.34	554.52
53460.000	39.00	108.55	89.38	4766.77	.00	5000.00	5041.00	.00	5394.41	627.64
53460.000	39.00	111.83	89.38	4755.89	.00	5000.00	5041.00	.00	5451.14	695.25
53725.000	265.00	108.83	89.77	5064.67	.00	5322.50	5406.50	.00	5584.12	519.45
53725.000	265.00	109.82	89.77	5264.00	5264.00	5322.50	5406.50	5464.00	5464.00	200.00
53725.000	265.00	104.39	89.77	5104.44	.00	5322.50	5406.50	.00	5529.92	425.48
53725.000	265.00	107.54	89.77	5069.83	.00	5322.50	5406.50	.00	5566.57	496.73
53725.000	265.00	108.83	89.77	5064.67	.00	5322.50	5406.50	.00	5584.12	519.45
53725.000	265.00	112.16	89.77	5042.75	.00	5322.50	5406.50	.00	5767.33	724.58
55502.000	1777.40	109.64	92.74	4602.09	.00	5000.00	5041.51	.00	5156.01	553.92
55502.000	1777.40	110.65	92.74	4801.00	4801.00	5000.00	5041.51	5051.00	5051.00	250.00
55502.000	1777.40	105.20	92.74	4690.72	.00	5000.00	5041.51	.00	5076.21	385.50
55502.000	1777.40	108.34	92.74	4627.99	.00	5000.00	5041.51	.00	5106.44	478.45
55502.000	1777.40	109.64	92.74	4602.09	.00	5000.00	5041.51	.00	5156.01	553.92
55502.000	1777.40	113.00	92.74	4547.88	.00	5000.00	5041.51	.00	5225.15	677.27

03:35:24

02-22-86

SECH0	XLCH	CMSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPRID
55639.000	137.00	109.60	93.00	4700.52	.00	5000.00	5041.51	.00	5099.29	398.76
55639.000	137.00	110.62	93.00	4801.00	4801.00	5000.00	5041.51	5051.00	5051.00	250.00
55639.000	137.00	105.20	93.00	5000.00	.00	5000.00	5041.51	.00	5041.51	41.51
55639.000	157.00	108.32	93.00	4734.67	.00	5000.00	5041.51	.00	5041.51	306.84
55639.000	137.00	109.63	93.00	4700.52	.00	5000.00	5041.51	.00	5099.29	398.76
55639.000	137.00	112.90	93.00	4518.96	.00	5000.00	5041.51	.00	5139.18	620.22
55671.000	31.20	110.49	93.00	4661.33	.00	5000.00	5041.51	.00	5107.83	446.50
55671.000	31.20	111.04	93.00	4801.00	4801.00	5000.00	5041.51	5051.00	5051.00	250.00
55671.000	31.20	105.77	93.00	5000.00	.00	5000.00	5041.51	.00	5041.51	41.51
55671.000	31.20	109.67	93.00	4698.75	.00	5000.00	5041.51	.00	5099.66	400.92
55671.000	31.20	110.49	93.00	4661.33	.00	5000.00	5041.51	.00	5107.83	446.50
55671.000	31.20	112.97	93.00	4514.58	.00	5000.00	5041.51	.00	5140.15	625.57
55760.000	89.50	110.61	94.43	5062.56	.00	5367.00	5396.00	.00	5429.67	360.62
55760.000	89.50	111.27	94.43	5146.00	5146.00	5367.00	5396.00	5396.00	5396.00	250.00
55760.000	89.50	106.13	94.43	5180.28	.00	5367.00	5396.00	.00	5410.70	230.42
55760.000	89.50	109.76	94.43	5124.32	.00	5367.00	5396.00	.00	5419.82	295.50
55760.000	89.50	110.61	94.43	5062.56	.00	5367.00	5396.00	.00	5429.67	360.62
55760.000	89.50	113.24	94.43	5052.05	.00	5367.00	5396.00	.00	5489.75	437.70
56878.000	1118.50	111.87	95.01	4268.09	.00	4985.00	5060.00	.00	5064.71	796.62
56878.000	1118.50	112.46	95.01	4900.00	4900.00	4985.00	5060.00	5060.00	5060.00	160.00
56878.000	1118.50	107.47	95.01	4423.96	.00	4985.00	5060.00	.00	5052.94	628.97
56878.000	1118.50	110.90	95.01	4297.29	.00	4985.00	5060.00	.00	5062.38	765.09
56878.000	1118.50	111.87	95.01	4268.09	.00	4985.00	5060.00	.00	5064.71	796.62
56878.000	1118.50	114.62	95.01	4185.66	.00	4985.00	5060.00	.00	5071.31	885.64
57033.000	155.00	112.02	95.10	4266.53	.00	4985.00	5060.00	.00	5064.84	798.31
57033.000	155.00	112.60	95.10	4900.00	4900.00	4985.00	5060.00	5060.00	5060.00	160.00
57033.000	155.00	107.62	95.10	4985.00	.00	4985.00	5060.00	.00	5053.13	68.13
57033.000	155.00	111.03	95.10	4296.05	.00	4985.00	5060.00	.00	5062.48	766.43
57033.000	155.00	112.02	95.10	4266.53	.00	4985.00	5060.00	.00	5064.84	798.31
57033.000	155.00	114.78	95.10	4183.50	.00	4985.00	5060.00	.00	5071.48	887.98
57056.000	23.00	115.94	95.10	4280.26	.00	4999.99	5042.00	.00	5078.17	797.91
57056.000	23.00	116.49	95.10	4900.00	4900.00	4999.99	5042.00	5060.00	5060.00	160.00
57056.000	23.00	108.59	95.10	4591.02	.00	4999.99	5042.00	.00	5042.00	450.98
57056.000	23.00	114.71	95.10	4297.77	.00	4999.99	5042.00	.00	5042.00	744.23
57056.000	23.00	115.94	95.10	4280.26	.00	4999.99	5042.00	.00	5078.17	797.91
57056.000	23.00	117.18	95.10	4267.31	.00	4999.99	5042.00	.00	5082.29	814.98
57744.000	688.00	116.16	97.05	4903.48	.00	4980.00	5042.00	.00	5244.40	340.91
57744.000	688.00	116.79	97.05	4980.00	4980.00	4980.00	5042.00	5105.37	5105.36	125.36
57744.000	688.00	109.06	97.05	4955.53	.00	4980.00	5042.00	.00	5096.85	141.33
57744.000	688.00	114.92	97.05	4908.94	.00	4980.00	5042.00	.00	5223.07	314.13
57744.000	688.00	116.16	97.05	4903.48	.00	4980.00	5042.00	.00	5244.40	340.91
57744.000	688.00	117.61	97.05	4379.10	.00	4980.00	5042.00	.00	5268.09	768.32

02-22-86 03:35:24

SECNO	XLCH	CMSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPMID
58518.000	774.00	116.51	99.47	4411.86	.00	4950.00	5037.00	.00	5154.27	742.41
58518.000	774.00	117.20	99.47	4920.00	4920.00	4950.00	5037.00	5040.00	5040.00	120.00
58518.000	774.00	109.87	99.47	4957.43	.00	4950.00	5037.00	.00	5061.66	104.24
58518.000	774.00	115.26	99.47	4510.94	.00	4950.00	5037.00	.00	5133.45	622.52
58518.000	774.00	116.51	99.47	4411.86	.00	4950.00	5037.00	.00	5154.27	742.41
58518.000	774.00	118.22	99.47	4277.70	.00	4950.00	5037.00	.00	5182.92	905.22
58653.000	135.00	116.56	99.90	4441.53	.00	4950.00	5037.00	.00	5148.36	706.84
58653.000	135.00	117.25	99.90	4920.00	4920.00	4950.00	5037.00	5040.00	5040.00	120.00
58653.000	135.00	110.00	99.90	4958.47	.00	4950.00	5037.00	.00	5037.00	78.33
58653.000	135.00	115.30	99.90	4540.75	.00	4950.00	5037.00	.00	5123.06	582.31
58653.000	135.00	116.56	99.90	4441.53	.00	4950.00	5037.00	.00	5148.36	706.84
58653.000	135.00	118.29	99.90	4305.27	.00	4950.00	5037.00	.00	5175.49	870.22
58654.000	1.00	116.50	99.90	4446.58	.00	5000.00	5037.00	.00	5147.36	700.78
58654.000	1.00	117.03	99.90	4920.00	4920.00	5000.00	5037.00	5040.00	5040.00	120.00
58654.000	1.00	109.78	99.90	4959.59	.00	5000.00	5037.00	.00	5058.15	98.56
58654.000	1.00	115.09	99.90	4557.50	.00	5000.00	5037.00	.00	5117.22	559.72
58654.000	1.00	116.50	99.90	4446.58	.00	5000.00	5037.00	.00	5147.36	700.78
58654.000	1.00	118.27	99.90	4306.49	.00	5000.00	5037.00	.00	5175.25	868.76
58676.000	21.50	116.70	99.90	4430.92	.00	5000.00	5037.00	.00	5150.48	719.56
58676.000	21.50	117.37	99.90	4920.00	4920.00	5000.00	5037.00	5040.00	5040.00	120.00
58676.000	21.50	109.86	99.90	4959.25	.00	5000.00	5037.00	.00	5058.70	99.45
58676.000	21.50	115.60	99.90	4517.82	.00	5000.00	5037.00	.00	5131.05	613.24
58676.000	21.50	116.70	99.90	4430.92	.00	5000.00	5037.00	.00	5150.48	719.56
58676.000	21.50	118.46	99.90	4292.34	.00	5000.00	5037.00	.00	5178.07	885.73
58677.000	1.00	116.83	99.90	4421.14	.00	4950.00	5037.00	.00	5152.42	731.28
58677.000	1.00	117.87	99.90	4920.00	4920.00	4950.00	5037.00	5040.00	5040.00	120.00
58677.000	1.00	110.45	99.90	4956.81	.00	4950.00	5037.00	.00	5062.66	105.85
58677.000	1.00	115.87	99.90	4496.72	.00	4950.00	5037.00	.00	5137.38	640.65
58677.000	1.00	116.83	99.90	4421.14	.00	4950.00	5037.00	.00	5152.42	731.28
58677.000	1.00	118.49	99.90	4291.06	.00	4950.00	5037.00	.00	5178.32	887.26
58710.000	33.00	116.84	100.06	4432.96	.00	4950.00	5037.00	.00	5150.07	717.11
58710.000	33.00	117.88	100.06	4920.00	4920.00	4950.00	5037.00	5040.00	5040.00	120.00
58710.000	33.00	110.48	100.06	4957.37	.00	4950.00	5037.00	.00	5061.75	104.38
58710.000	33.00	115.88	100.06	4508.63	.00	4950.00	5037.00	.00	5134.26	625.62
58710.000	33.00	116.84	100.06	4432.96	.00	4950.00	5037.00	.00	5150.07	717.11
58710.000	33.00	118.50	100.06	4301.64	.00	4950.00	5037.00	.00	5176.22	874.57
60688.000	1978.00	119.11	107.12	5255.52	.00	5625.00	5682.00	.00	5768.50	512.98
60688.000	1978.00	120.04	107.12	5548.58	5548.58	5625.00	5682.00	5693.87	5693.87	145.29
60688.000	1978.00	114.58	107.12	5625.88	.00	5625.00	5682.00	.00	5733.24	107.36
60688.000	1978.00	118.11	107.12	5353.79	.00	5625.00	5682.00	.00	5761.03	407.24
60688.000	1978.00	119.11	107.12	5255.52	.00	5625.00	5682.00	.00	5768.50	512.98
60688.000	1978.00	121.27	107.12	5161.15	.00	5625.00	5682.00	.00	5791.95	630.80

02-22-86 03:35:24

SECNO	XLCH	CMSL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCH	ENDST	TOPMID
61805.000	1117.00	122.30	111.08	5044.42	.00	5045.00	5089.00	.00	5727.15	682.72
61805.000	1117.00	123.14	111.08	5045.00	5045.00	5045.00	5089.00	5215.00	5215.00	170.00
61805.000	1117.00	119.01	111.08	5045.98	.00	5045.00	5089.00	.00	5091.54	45.55
61805.000	1117.00	121.45	111.08	5044.80	.00	5045.00	5089.00	.00	5715.24	670.44
61805.000	1117.00	122.30	111.08	5044.42	.00	5045.00	5089.00	.00	5727.15	682.72
61805.000	1117.00	124.39	111.08	5043.49	.00	5045.00	5089.00	.00	5756.45	712.95
62231.000	426.50	123.66	112.15	4865.42	.00	4950.00	5092.00	.00	5766.44	901.02
62231.000	426.50	124.36	112.15	4950.00	4950.00	4950.00	5092.00	5270.00	5270.00	320.00
62231.000	426.50	120.65	112.15	4956.87	.00	4950.00	5092.00	.00	5715.30	698.71
62231.000	426.50	122.86	112.15	4876.66	.00	4950.00	5092.00	.00	5752.91	876.25
62231.000	426.50	123.66	112.15	4865.42	.00	4950.00	5092.00	.00	5766.44	901.02
62231.000	426.50	125.72	112.15	4848.06	.00	4950.00	5092.00	.00	5853.88	1005.62
62318.000	87.00	123.79	112.40	4867.07	.00	4950.00	5092.00	.00	5764.46	897.39
62318.000	87.00	124.46	112.40	4950.00	4950.00	4950.00	5092.00	5270.00	5270.00	320.00
62318.000	87.00	120.83	112.40	4957.39	.00	4950.00	5092.00	.00	5714.10	685.80
62318.000	87.00	123.00	112.40	4878.22	.00	4950.00	5092.00	.00	5751.03	872.81
62318.000	87.00	123.79	112.40	4867.07	.00	4950.00	5092.00	.00	5764.46	897.39
62318.000	87.00	125.85	112.40	4848.31	.00	4950.00	5092.00	.00	5845.05	996.74
62341.000	23.00	123.53	112.40	4870.63	.00	5000.00	5042.00	.00	5760.16	889.53
62341.000	23.00	124.48	112.40	4950.00	4950.00	5000.00	5042.00	5270.00	5270.00	320.00
62341.000	23.00	120.68	112.40	5000.00	.00	5000.00	5042.00	.00	5711.63	617.64
62341.000	23.00	122.75	112.40	4881.76	.00	5000.00	5042.00	.00	5746.78	865.02
62341.000	23.00	123.53	112.40	4870.63	.00	5000.00	5042.00	.00	5760.16	889.53
62341.000	23.00	125.60	112.40	4848.80	.00	5000.00	5042.00	.00	5827.60	978.80
62362.000	21.00	123.92	112.44	4865.77	.00	4950.00	5092.00	.00	5766.02	900.25
62362.000	21.00	124.75	112.44	4950.00	4950.00	4950.00	5092.00	5270.00	5270.00	320.00
62362.000	21.00	121.10	112.44	4955.71	.00	4950.00	5092.00	.00	5717.99	714.52
62362.000	21.00	123.13	112.44	4876.89	.00	4950.00	5092.00	.00	5752.64	875.75
62362.000	21.00	123.92	112.44	4865.77	.00	4950.00	5092.00	.00	5766.02	900.25
62362.000	21.00	125.97	112.44	4848.14	.00	4950.00	5092.00	.00	5851.21	1003.07
62973.000	611.00	124.61	113.20	5156.81	.00	5250.00	5310.00	.00	6296.24	1139.44
62973.000	611.00	125.37	113.20	5250.00	5250.00	5250.00	5310.00	5721.43	5721.43	471.43
62973.000	611.00	121.88	113.20	5169.36	.00	5250.00	5310.00	.00	6061.59	892.23
62973.000	611.00	123.83	113.20	5160.42	.00	5250.00	5310.00	.00	6228.58	1068.16
62973.000	611.00	124.61	113.20	5156.81	.00	5250.00	5310.00	.00	6296.24	1139.44
62973.000	611.00	126.69	113.20	5153.11	.00	5250.00	5310.00	.00	6341.81	1188.70
63615.000	642.00	124.97	113.99	5080.39	.00	5679.50	5740.50	.00	6337.89	1257.49
63615.000	642.00	125.78	113.99	5419.00	5419.00	5679.50	5740.50	5970.00	5970.00	551.00
63615.000	642.00	122.31	113.99	5117.12	.00	5679.50	5740.50	.00	6140.94	1023.82
63615.000	642.00	124.20	113.99	5091.12	.00	5679.50	5740.50	.00	6280.40	1189.28
63615.000	642.00	124.97	113.99	5080.39	.00	5679.50	5740.50	.00	6337.89	1257.49
63615.000	642.00	127.04	113.99	5074.69	.00	5679.50	5740.50	.00	6361.67	1286.98

SECHO	XLCH	CWSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENOST	TOPWID
64740.000	1125.50	126.11	115.68	4750.12	.00	4950.00	5086.00	.00	5444.47	632.65
64740.000	1125.50	126.98	115.68	4868.00	4868.00	4950.00	5086.00	5318.00	5318.00	450.00
64740.000	1125.50	123.71	115.68	4959.20	.00	4950.00	5086.00	.00	5075.37	116.17
64740.000	1125.50	125.38	115.68	4758.86	.00	4950.00	5086.00	.00	5439.81	352.10
64740.000	1125.50	126.11	115.68	4750.12	.00	4950.00	5086.00	.00	5444.47	632.65
64740.000	1125.50	128.31	115.68	4723.57	.00	4950.00	5086.00	.00	5458.63	735.06
64871.000	131.00	126.49	115.90	4748.16	.00	4950.00	5086.00	.00	5445.52	651.33
64871.000	131.00	127.21	115.90	4868.00	4868.00	4950.00	5086.00	5318.00	5318.00	450.00
64871.000	131.00	123.98	115.90	4958.96	.00	4950.00	5086.00	.00	5075.70	116.75
64871.000	131.00	125.75	115.90	4756.94	.00	4950.00	5086.00	.00	5440.83	476.89
64871.000	131.00	126.49	115.90	4748.16	.00	4950.00	5086.00	.00	5445.52	651.33
64871.000	131.00	128.59	115.90	4722.98	.00	4950.00	5086.00	.00	5458.63	735.96
64898.000	27.00	126.08	115.90	4753.00	.00	5000.00	5036.00	.00	5442.93	600.01
64898.000	27.00	127.04	115.90	4868.00	4868.00	5000.00	5036.00	5318.00	5318.00	450.00
64898.000	27.00	124.67	115.90	5000.00	.00	5000.00	5036.00	.00	5036.00	36.00
64898.000	27.00	125.97	115.90	4754.27	.00	5000.00	5036.00	.00	5442.26	584.61
64898.000	27.00	126.02	115.90	4753.00	.00	5000.00	5036.00	.00	5442.93	600.01
64898.000	27.00	127.63	115.90	4734.43	.00	5000.00	5036.00	.00	5452.84	718.41
64930.000	32.00	127.14	116.03	4741.89	.00	4950.00	5086.00	.00	5448.86	706.97
64930.000	32.00	127.74	116.03	4868.00	4868.00	4950.00	5086.00	5318.00	5318.00	450.00
64930.000	32.00	125.31	116.03	4763.77	.00	4950.00	5086.00	.00	5437.19	212.13
64930.000	32.00	126.66	116.03	4747.58	.00	4950.00	5086.00	.00	5445.82	656.85
64930.000	32.00	127.14	116.03	4741.89	.00	4950.00	5086.00	.00	5448.86	706.97
64930.000	32.00	129.00	116.03	4719.57	.00	4950.00	5086.00	.00	5460.76	741.19
66315.000	1385.00	129.58	119.54	5228.99	.00	5240.00	5280.00	.00	5988.76	759.76
66315.000	1385.00	130.08	119.54	5241.00	5240.00	5240.00	5280.00	5473.47	5473.47	233.47
66315.000	1385.00	126.86	119.54	5235.56	.00	5240.00	5280.00	.00	5980.54	744.98
66315.000	1385.00	128.82	119.54	5230.83	.00	5240.00	5280.00	.00	5986.46	755.63
66315.000	1385.00	129.58	119.54	5228.99	.00	5240.00	5280.00	.00	5988.76	759.76
66315.000	1385.00	131.67	119.54	5223.99	.00	5240.00	5280.00	.00	5996.68	772.69
66765.000	450.00	130.77	120.69	5159.62	.00	5631.00	5672.00	.00	6126.15	966.53
66765.000	450.00	131.44	120.69	5334.37	5334.37	5631.00	5672.00	5808.46	5808.46	274.09
66765.000	450.00	128.17	120.69	5172.31	.00	5631.00	5672.00	.00	6109.04	822.45
66765.000	450.00	130.03	120.69	5164.79	.00	5631.00	5672.00	.00	6120.25	955.46
66765.000	450.00	130.77	120.69	5159.62	.00	5631.00	5672.00	.00	6126.15	966.53
66765.000	450.00	132.82	120.69	5145.29	.00	5631.00	5672.00	.00	6142.52	997.23
69386.000	2621.00	140.55	128.87	4880.10	.00	5000.00	5091.00	.00	5193.53	313.43
69386.000	2621.00	140.92	128.87	4970.00	4970.00	5000.00	5091.00	5150.00	5150.00	180.00
69386.000	2621.00	137.93	128.87	4986.87	.00	5000.00	5091.00	.00	5084.21	97.33
69386.000	2621.00	139.89	128.87	4899.00	.00	5000.00	5091.00	.00	5192.24	293.25
69386.000	2621.00	140.55	128.87	4880.10	.00	5000.00	5091.00	.00	5193.53	313.43
69386.000	2621.00	142.13	128.87	4834.80	.00	5000.00	5091.00	.00	5196.62	361.82

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SECNO	XLCH	CVSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
69541.000	155.00	140.96	129.36	4882.68	.00	5000.00	5091.00	.00	5193.36	310.68
69541.000	155.00	141.27	129.36	4970.00	4970.00	5000.00	5091.00	5150.00	5150.00	180.00
69541.000	155.00	138.25	129.36	5000.00	.00	5000.00	5091.00	.00	5083.13	83.13
69541.000	155.00	140.27	129.36	4902.41	.00	5000.00	5091.00	.00	5192.01	289.60
69541.000	155.00	140.96	129.36	4882.68	.00	5000.00	5091.00	.00	5193.36	310.68
69541.000	155.00	142.59	129.36	4835.60	.00	5000.00	5091.00	.00	5196.56	360.96
69568.000	27.00	141.48	129.36	4867.49	.00	5000.00	5042.00	.00	5194.39	326.90
69568.000	27.00	142.14	129.36	4970.00	4970.00	5000.00	5042.00	5150.00	5150.00	180.00
69568.000	27.00	138.71	129.36	5000.00	.00	5000.00	5042.00	.00	5042.00	42.00
69568.000	27.00	141.00	129.36	4881.33	.00	5000.00	5042.00	.00	5193.45	312.12
69568.000	27.00	141.48	129.36	4867.49	.00	5000.00	5042.00	.00	5194.39	326.90
69568.000	27.00	142.62	129.36	4834.84	.00	5000.00	5042.00	.00	5196.61	361.78
69606.000	38.00	141.81	129.52	4862.65	.00	5000.00	5091.00	.00	5194.72	332.07
69606.000	38.00	142.38	129.52	5000.00	5000.00	5000.00	5091.00	5091.00	5091.00	91.00
69606.000	38.00	139.03	129.52	4976.33	.00	5000.00	5091.00	.00	5086.92	110.59
69606.000	38.00	141.26	129.52	4878.35	.00	5000.00	5091.00	.00	5193.65	315.30
69606.000	38.00	141.81	129.52	4862.65	.00	5000.00	5091.00	.00	5194.72	332.07
69606.000	38.00	143.13	129.52	4824.57	.00	5000.00	5091.00	.00	5197.31	372.75
70925.000	1319.00	145.50	133.65	5114.97	.00	5254.50	5281.50	.00	5345.01	230.04
70925.000	1319.00	145.85	133.65	5185.00	5185.00	5254.50	5281.50	5285.00	5285.00	100.00
70925.000	1319.00	142.31	133.65	5243.34	.00	5254.50	5281.50	.00	5274.13	40.80
70925.000	1319.00	144.65	133.65	5144.34	.00	5254.50	5281.50	.00	5336.42	178.08
70925.000	1319.00	145.50	133.65	5114.97	.00	5254.50	5281.50	.00	5345.01	230.04
70925.000	1319.00	147.50	133.65	5085.07	.00	5254.50	5281.50	.00	5364.93	279.87
72048.000	1123.00	150.43	136.43	4960.59	.00	5000.00	5040.00	.00	5350.64	390.05
72048.000	1123.00	151.18	136.43	5000.00	5000.00	5000.00	5040.00	5182.63	5182.63	182.63
72048.000	1123.00	147.27	136.43	4993.63	.00	5000.00	5040.00	.00	5272.08	285.45
72048.000	1123.00	149.58	136.43	4970.16	.00	5000.00	5040.00	.00	5333.52	363.36
72048.000	1123.00	150.43	136.43	4960.59	.00	5000.00	5040.00	.00	5350.64	390.05
72048.000	1123.00	152.41	136.43	4937.97	.00	5000.00	5040.00	.00	5379.21	441.24
72103.000	55.00	150.54	136.62	4961.64	.00	5000.00	5040.00	.00	5348.76	387.12
72103.000	55.00	151.31	136.62	5000.00	5000.00	5000.00	5040.00	5179.33	5179.32	179.32
72103.000	55.00	147.41	136.62	5000.00	.00	5000.00	5040.00	.00	5277.20	277.20
72103.000	55.00	149.69	136.62	4971.21	.00	5000.00	5040.00	.00	5331.64	360.43
72103.000	55.00	150.54	136.62	4961.64	.00	5000.00	5040.00	.00	5348.76	387.12
72103.000	55.00	152.52	136.62	4938.98	.00	5000.00	5040.00	.00	5379.04	440.06
72104.000	1.00	150.59	137.10	4961.10	.00	5000.00	5040.00	.00	5349.73	388.63
72104.000	1.00	151.31	137.10	5000.00	5000.00	5000.00	5040.00	5186.24	5186.24	186.24
72104.000	1.00	147.40	137.10	4993.98	.00	5000.00	5040.00	.00	5277.25	283.27
72104.000	1.00	149.72	137.10	4970.74	.00	5000.00	5040.00	.00	5332.48	361.74
72104.000	1.00	150.59	137.10	4961.10	.00	5000.00	5040.00	.00	5349.73	388.63
72104.000	1.00	152.58	137.10	4938.50	.00	5000.00	5040.00	.00	5379.15	440.86

SECH0	XLCH	CWSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
72146.000	42.00	150.79	137.10	4958.83	.00	5000.00	5040.00	.00	5353.80	394.98
72146.000	42.00	151.56	137.10	5000.00	5000.00	5000.00	5040.00	5183.57	5188.57	188.57
72146.000	42.00	148.05	137.10	4989.50	.00	5000.00	5040.00	.00	5298.90	309.40
72146.000	42.00	149.97	137.10	4967.97	.00	5000.00	5040.00	.00	5337.43	369.46
72146.000	42.00	150.79	137.10	4958.83	.00	5000.00	5040.00	.00	5353.80	394.98
72146.000	42.00	152.73	137.10	4936.49	.00	5000.00	5040.00	.00	5379.46	442.97
72147.000	1.00	150.78	136.62	4958.86	.00	5000.00	5040.00	.00	5353.74	394.89
72147.000	1.00	151.58	136.62	5000.00	5000.00	5000.00	5040.00	5183.84	5183.84	183.84
72147.000	1.00	148.05	136.62	4989.32	.00	5000.00	5040.00	.00	5299.22	309.90
72147.000	1.00	149.96	136.62	4967.98	.00	5000.00	5040.00	.00	5337.41	369.42
72147.000	1.00	150.78	136.62	4958.86	.00	5000.00	5040.00	.00	5353.74	394.89
72147.000	1.00	152.72	136.62	4936.55	.00	5000.00	5040.00	.00	5379.45	442.90
72160.000	13.00	150.80	136.75	4960.05	.00	5000.00	5040.00	.00	5351.61	391.56
72160.000	13.00	151.61	136.75	5000.00	5000.00	5000.00	5040.00	5181.40	5181.40	181.40
72160.000	13.00	148.07	136.75	4990.40	.00	5000.00	5040.00	.00	5295.90	305.50
72160.000	13.00	149.98	136.75	4969.28	.00	5000.00	5040.00	.00	5335.09	365.81
72160.000	13.00	150.80	136.75	4960.05	.00	5000.00	5040.00	.00	5351.61	391.56
72160.000	13.00	152.74	136.75	4937.84	.00	5000.00	5040.00	.00	5379.23	441.39
73452.000	1292.50	154.11	141.66	4895.79	.00	5000.00	5014.50	.00	5649.64	753.84
73452.000	1292.50	155.07	141.66	4962.74	4962.74	5000.00	5014.50	5233.75	5233.75	271.01
73452.000	1292.50	151.39	141.66	4905.94	.00	5000.00	5014.50	.00	5558.63	652.69
73452.000	1292.50	153.31	141.66	4897.28	.00	5000.00	5014.50	.00	5642.69	745.41
73452.000	1292.50	154.11	141.66	4895.79	.00	5000.00	5014.50	.00	5649.64	753.84
73452.000	1292.50	156.09	141.66	4892.07	.00	5000.00	5014.50	.00	5670.11	778.04
73487.000	35.00	154.22	141.80	4895.83	.00	5000.00	5014.50	.00	5649.44	753.61
73487.000	35.00	155.18	141.80	4962.79	4962.79	5000.00	5014.50	5232.91	5232.91	270.12
73487.000	35.00	151.51	141.80	4906.07	.00	5000.00	5014.50	.00	5557.11	651.04
73487.000	35.00	153.43	141.80	4897.32	.00	5000.00	5014.50	.00	5642.52	745.20
73487.000	35.00	154.22	141.80	4895.83	.00	5000.00	5014.50	.00	5649.44	753.61
73487.000	35.00	156.20	141.80	4892.13	.00	5000.00	5014.50	.00	5669.45	777.32
73488.000	1.00	154.32	141.80	4895.66	.00	5000.00	5014.50	.00	5650.27	754.61
73488.000	1.00	155.28	141.80	4960.72	4960.72	5000.00	5014.50	5258.94	5258.94	298.22
73488.000	1.00	151.64	141.80	4904.48	.00	5000.00	5014.50	.00	5576.22	671.74
73488.000	1.00	153.53	141.80	4897.13	.00	5000.00	5014.50	.00	5643.40	746.27
73488.000	1.00	154.32	141.80	4895.66	.00	5000.00	5014.50	.00	5650.27	754.61
73488.000	1.00	156.29	141.80	4891.96	.00	5000.00	5014.50	.00	5671.42	779.46
73491.000	3.00	154.33	141.80	4895.63	.00	5000.00	5014.50	.00	5650.38	754.74
73491.000	3.00	155.30	141.80	4960.72	4960.72	5000.00	5014.50	5259.23	5259.23	298.51
73491.000	3.00	151.66	141.80	4904.28	.00	5000.00	5014.50	.00	5578.54	674.26
73491.000	3.00	153.55	141.80	4897.10	.00	5000.00	5014.50	.00	5643.51	746.41
73491.000	3.00	154.33	141.80	4895.63	.00	5000.00	5014.50	.00	5650.38	754.74
73491.000	3.00	156.30	141.80	4891.94	.00	5000.00	5014.50	.00	5671.68	779.74

SECNO	XLCH	CWSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
73492.000	1.00	154.30	141.80	4895.68	.00	5000.00	5014.50	.00	5650.15	754.46
73492.000	1.00	155.27	141.80	4962.74	4962.74	5000.00	5014.50	5238.59	5238.59	276.45
73492.000	1.00	151.63	141.80	4904.64	.00	5000.00	5014.50	.00	5574.27	669.63
73492.000	1.00	153.52	141.80	4897.16	.00	5000.00	5014.50	.00	5643.27	746.12
73492.000	1.00	154.30	141.80	4895.68	.00	5000.00	5014.50	.00	5650.15	754.46
73492.000	1.00	156.27	141.80	4891.99	.00	5000.00	5014.50	.00	5671.11	779.12
73500.000	8.00	154.33	141.83	4895.68	.00	5000.00	5014.50	.00	5650.17	754.49
73500.000	8.00	155.29	141.83	4961.85	4961.85	5000.00	5014.50	5240.30	5240.30	278.45
73500.000	8.00	151.65	141.83	4904.69	.00	5000.00	5014.50	.00	5573.61	668.91
73500.000	8.00	153.54	141.83	4897.15	.00	5000.00	5014.50	.00	5643.32	746.17
73500.000	8.00	154.33	141.83	4895.68	.00	5000.00	5014.50	.00	5650.17	754.49
73500.000	8.00	156.30	141.83	4891.99	.00	5000.00	5014.50	.00	5671.11	779.12
74626.000	1126.50	158.50	144.27	4584.49	.00	5020.00	5050.00	.00	5070.65	486.15
74626.000	1126.50	159.21	144.27	4800.00	4800.00	5020.00	5050.00	5050.00	5050.00	250.00
74626.000	1126.50	155.77	144.27	4809.63	.00	5020.00	5050.00	.00	5055.64	123.22
74626.000	1126.50	157.79	144.27	4643.69	.00	5020.00	5050.00	.00	5064.29	420.71
74626.000	1126.50	158.50	144.27	4584.49	.00	5020.00	5050.00	.00	5070.65	486.15
74626.000	1126.50	160.24	144.27	4480.00	.00	5020.00	5050.00	.00	5075.45	595.45
74681.000	55.00	158.80	144.50	4578.77	.00	5020.00	5050.00	.00	5070.84	492.06
74681.000	55.00	159.45	144.50	4800.00	4800.00	5020.00	5050.00	5050.00	5050.00	250.00
74681.000	55.00	156.03	144.50	4807.75	.00	5020.00	5050.00	.00	5050.00	141.39
74681.000	55.00	158.07	144.50	4639.09	.00	5020.00	5050.00	.00	5050.00	410.91
74681.000	55.00	158.80	144.50	4578.77	.00	5020.00	5050.00	.00	5070.84	492.06
74681.000	55.00	160.49	144.50	4480.00	.00	5020.00	5050.00	.00	5075.48	595.48
74748.000	67.00	158.82	145.00	4576.61	.00	5020.00	5050.00	.00	5070.91	494.30
74748.000	67.00	159.77	145.00	4800.00	4800.00	5020.00	5050.00	5050.00	5050.00	250.00
74748.000	67.00	157.27	145.00	4704.89	.00	5020.00	5050.00	.00	5050.00	334.71
74748.000	67.00	158.09	145.00	4638.65	.00	5020.00	5050.00	.00	5050.00	411.35
74748.000	67.00	158.82	145.00	4576.61	.00	5020.00	5050.00	.00	5070.91	494.30
74748.000	67.00	160.52	145.00	4480.00	.00	5020.00	5050.00	.00	5076.02	596.02
74761.000	13.00	159.25	144.58	4554.14	.00	5015.00	5050.00	.00	5125.86	571.71
74761.000	13.00	160.01	144.58	4800.00	4800.00	5015.00	5050.00	5050.00	5050.00	250.00
74761.000	13.00	157.53	144.58	4707.72	.00	5015.00	5050.00	.00	5117.27	409.56
74761.000	13.00	158.63	144.58	4609.47	.00	5015.00	5050.00	.00	5122.76	513.29
74761.000	13.00	159.25	144.58	4554.14	.00	5015.00	5050.00	.00	5125.86	571.71
74761.000	13.00	160.81	144.58	4480.00	.00	5015.00	5050.00	.00	5130.00	650.00
75985.000	1224.00	161.08	147.21	5061.50	.00	5519.00	5550.00	.00	5649.04	587.54
75985.000	1224.00	161.89	147.21	5349.39	5349.39	5519.00	5550.00	5550.80	5550.80	201.41
75985.000	1224.00	158.64	147.21	5158.36	.00	5519.00	5550.00	.00	5598.20	312.50
75985.000	1224.00	160.35	147.21	5063.87	.00	5519.00	5550.00	.00	5646.30	582.43
75985.000	1224.00	161.08	147.21	5061.50	.00	5519.00	5550.00	.00	5649.04	587.54
75985.000	1224.00	162.83	147.21	5055.78	.00	5519.00	5550.00	.00	5655.64	599.86

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SECHO	XLCH	CMSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
76092.000	107.50	161.24	147.40	4724.94	.00	4999.00	5045.00	.00	5071.84	346.90
76092.000	107.50	162.08	147.40	4930.98	4730.98	4999.00	5045.00	5045.00	5045.00	114.02
76092.000	107.50	158.78	147.40	4784.26	.00	4999.00	5045.00	.00	5050.78	266.52
76092.000	107.50	160.51	147.40	4728.30	.00	4999.00	5045.00	.00	5065.56	337.26
76092.000	107.50	161.24	147.40	4724.94	.00	4999.00	5045.00	.00	5071.84	346.90
76092.000	107.50	162.98	147.40	4716.98	.00	4999.00	5045.00	.00	5086.69	369.71
76251.000	159.00	161.54	147.70	4724.97	.00	4999.00	5045.00	.00	5071.78	346.82
76251.000	159.00	162.44	147.70	4932.19	4732.19	4999.00	5045.00	5045.00	5045.00	112.81
76251.000	159.00	158.99	147.70	4789.42	.00	4999.00	5045.00	.00	5045.00	255.58
76251.000	159.00	160.80	147.70	4728.34	.00	4999.00	5045.00	.00	5065.49	337.15
76251.000	159.00	161.54	147.70	4724.97	.00	4999.00	5045.00	.00	5071.78	346.82
76251.000	159.00	163.33	147.70	4716.76	.00	4999.00	5045.00	.00	5087.10	370.35
76252.000	1.00	161.60	147.70	4724.68	.00	4999.00	5045.00	.00	5072.33	347.65
76252.000	1.00	162.47	147.70	4909.00	4909.00	4999.00	5045.00	5045.00	5045.00	136.00
76252.000	1.00	158.96	147.70	4791.03	.00	4999.00	5045.00	.00	5049.75	258.73
76252.000	1.00	160.83	147.70	4728.21	.00	4999.00	5045.00	.00	5065.73	337.52
76252.000	1.00	161.60	147.70	4724.68	.00	4999.00	5045.00	.00	5072.32	347.65
76252.000	1.00	163.43	147.70	4716.28	.00	4999.00	5045.00	.00	5087.99	371.71
76277.000	25.00	161.73	147.70	4724.08	.00	4999.00	5045.00	.00	5073.43	349.35
76277.000	25.00	162.62	147.70	4904.51	4904.51	4999.00	5045.00	5045.00	5045.00	140.49
76277.000	25.00	159.12	147.70	4781.84	.00	4999.00	5045.00	.00	5051.74	269.30
76277.000	25.00	160.97	147.70	4727.56	.00	4999.00	5045.00	.00	5066.94	339.38
76277.000	25.00	161.73	147.70	4724.08	.00	4999.00	5045.00	.00	5073.43	349.35
76277.000	25.00	163.55	147.70	4715.75	.00	4999.00	5045.00	.00	5088.99	373.24
76278.000	1.00	161.71	147.70	4724.16	.00	4999.00	5045.00	.00	5073.30	349.14
76278.000	1.00	162.62	147.70	4923.74	4923.74	4999.00	5045.00	5045.00	5045.00	121.26
76278.000	1.00	159.19	147.70	4777.85	.00	4999.00	5045.00	.00	5051.74	273.90
76278.000	1.00	160.96	147.70	4727.57	.00	4999.00	5045.00	.00	5066.93	339.37
76278.000	1.00	161.71	147.70	4724.16	.00	4999.00	5045.00	.00	5073.30	349.14
76278.000	1.00	163.52	147.70	4715.89	.00	4999.00	5045.00	.00	5088.72	372.83
76317.000	39.00	161.78	147.90	4724.76	.00	4999.00	5045.00	.00	5072.17	347.41
76317.000	39.00	162.72	147.90	4905.00	4905.00	4999.00	5045.00	5045.00	5045.00	140.00
76317.000	39.00	159.24	147.90	4786.55	.00	4999.00	5045.00	.00	5050.43	263.88
76317.000	39.00	161.03	147.90	4728.22	.00	4999.00	5045.00	.00	5065.72	337.50
76317.000	39.00	161.78	147.90	4724.76	.00	4999.00	5045.00	.00	5072.17	347.41
76317.000	39.00	163.59	147.90	4716.44	.00	4999.00	5045.00	.00	5087.69	371.25
77916.000	1599.50	165.68	153.95	4851.74	.00	5000.00	5040.00	.00	5568.07	716.34
77916.000	1599.50	166.65	153.95	5000.00	5000.00	5000.00	5040.00	5277.08	5277.08	277.08
77916.000	1599.50	163.37	153.95	4861.02	.00	5000.00	5040.00	.00	5205.40	344.38
77916.000	1599.50	165.03	153.95	4854.18	.00	5000.00	5040.00	.00	5561.84	707.65
77916.000	1599.50	165.68	153.95	4851.74	.00	5000.00	5040.00	.00	5568.07	716.34
77916.000	1599.50	167.37	153.95	4845.43	.00	5000.00	5040.00	.00	5584.16	738.73

SECH0	XLCH	CWSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDOT	TOPWID
78047.000	131.00	166.10	154.47	4852.13	.00	5000.00	5040.00	.00	5567.07	714.94
78047.000	131.00	167.05	154.47	5000.00	5000.00	5000.00	5040.00	5255.84	5255.84	255.84
78047.000	131.00	163.90	154.47	4861.00	.00	5000.00	5040.00	.00	5205.46	344.46
78047.000	131.00	165.47	154.47	4854.47	.00	5000.00	5040.00	.00	5561.10	706.63
78047.000	131.00	166.10	154.47	4852.13	.00	5000.00	5040.00	.00	5567.07	714.94
78047.000	131.00	167.72	154.47	4846.05	.00	5000.00	5040.00	.00	5582.57	736.51
78048.000	1.00	166.26	154.47	4851.51	.00	5000.00	5040.00	.00	5568.65	717.14
78048.000	1.00	167.22	154.47	4923.06	4923.06	5000.00	5040.00	5188.46	5188.45	265.40
78048.000	1.00	163.94	154.47	4860.59	.00	5000.00	5040.00	.00	5206.48	345.89
78048.000	1.00	165.64	154.47	4853.85	.00	5000.00	5040.00	.00	5562.69	708.84
78048.000	1.00	166.26	154.47	4851.51	.00	5000.00	5040.00	.00	5568.65	717.14
78048.000	1.00	167.87	154.47	4845.48	.00	5000.00	5040.00	.00	5584.02	738.54
78061.000	13.00	166.33	154.47	4851.28	.00	5000.00	5040.00	.00	5569.23	717.95
78061.000	13.00	167.29	154.47	4922.01	4922.01	5000.00	5040.00	5189.81	5189.81	267.80
78061.000	13.00	164.13	154.47	4859.51	.00	5000.00	5040.00	.00	5548.26	470.03
78061.000	13.00	165.72	154.47	4853.54	.00	5000.00	5040.00	.00	5563.47	709.93
78061.000	13.00	166.33	154.47	4851.28	.00	5000.00	5040.00	.00	5569.23	717.95
78061.000	13.00	167.92	154.47	4845.32	.00	5000.00	5040.00	.00	5584.44	739.12
78062.000	1.00	166.29	154.47	4851.42	.00	5000.00	5040.00	.00	5568.88	717.46
78062.000	1.00	167.25	154.47	5000.00	5000.00	5000.00	5040.00	5292.45	5292.45	292.45
78062.000	1.00	164.12	154.47	4859.51	.00	5000.00	5040.00	.00	5548.25	469.91
78062.000	1.00	165.68	154.47	4853.70	.00	5000.00	5040.00	.00	5563.07	709.37
78062.000	1.00	166.29	154.47	4851.42	.00	5000.00	5040.00	.00	5568.88	717.46
78062.000	1.00	167.88	154.47	4845.46	.00	5000.00	5040.00	.00	5584.08	738.62
78094.000	32.00	166.41	154.43	4850.81	.00	5000.00	5040.00	.00	5570.43	719.62
78094.000	32.00	167.35	154.43	5000.00	5000.00	5000.00	5040.00	5276.39	5276.38	276.38
78094.000	32.00	164.26	154.43	4858.88	.00	5000.00	5040.00	.00	5549.86	625.64
78094.000	32.00	165.81	154.43	4853.06	.00	5000.00	5040.00	.00	5564.71	711.65
78094.000	32.00	166.41	154.43	4850.81	.00	5000.00	5040.00	.00	5570.43	719.62
78094.000	32.00	167.98	154.43	4844.92	.00	5000.00	5040.00	.00	5585.44	740.52
78235.000	141.00	166.71	154.27	5096.65	.00	5206.00	5246.00	.00	5742.29	559.34
78235.000	141.00	167.66	154.27	5206.00	5206.00	5206.00	5246.00	5362.00	5362.00	156.00
78235.000	141.00	164.63	154.27	5118.99	.00	5206.00	5246.00	.00	5433.67	314.68
78235.000	141.00	166.12	154.27	5102.92	.00	5206.00	5246.00	.00	5719.74	467.56
78235.000	141.00	166.71	154.27	5096.65	.00	5206.00	5246.00	.00	5742.29	559.34
78235.000	141.00	168.25	154.27	5080.15	.00	5206.00	5246.00	.00	5797.84	717.69
79268.000	1033.50	169.54	158.68	4950.19	.00	5000.00	5036.00	.00	5507.28	557.10
79268.000	1033.50	170.55	158.68	5000.00	5000.00	5000.00	5036.00	5295.26	5295.26	295.26
79268.000	1033.50	166.95	158.68	4966.89	.00	5000.00	5036.00	.00	5298.00	331.11
79268.000	1033.50	168.89	158.68	4954.39	.00	5000.00	5036.00	.00	5502.37	547.98
79268.000	1033.50	169.54	158.68	4950.19	.00	5000.00	5036.00	.00	5507.28	557.10
79268.000	1033.50	170.90	158.68	4929.39	.00	5000.00	5036.00	.00	5517.39	588.00

SECHD	XLCH	CWSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
79403.000	135.00	169.89	159.30	5000.00	.00	5000.00	5036.00	.00	5505.15	505.15
79403.000	135.00	170.87	159.30	5000.00	5000.00	5000.00	5036.00	5300.00	5300.00	300.00
79403.000	135.00	167.29	159.30	5000.00	.00	5000.00	5036.00	.00	5279.48	279.48
79403.000	135.00	169.23	159.30	5000.00	.00	5000.00	5036.00	.00	5500.25	500.25
79403.000	135.00	169.89	159.30	5000.00	.00	5000.00	5036.00	.00	5505.15	505.15
79403.000	135.00	171.26	159.30	4933.49	.00	5000.00	5036.00	.00	5515.43	581.94
79404.000	1.00	170.04	159.30	4950.96	.00	5000.00	5036.00	.00	5506.37	555.41
79404.000	1.00	171.00	159.30	5000.00	5000.00	5000.00	5036.00	5300.00	5300.00	300.00
79404.000	1.00	166.92	159.30	4971.04	.00	5000.00	5036.00	.00	5256.25	242.82
79404.000	1.00	169.19	159.30	4956.47	.00	5000.00	5036.00	.00	5499.93	543.45
79404.000	1.00	170.04	159.30	4950.96	.00	5000.00	5036.00	.00	5506.37	555.41
79404.000	1.00	171.52	159.30	4929.34	.00	5000.00	5036.00	.00	5517.42	588.08
79425.000	21.00	170.50	159.30	4945.37	.00	5000.00	5036.00	.00	5509.72	564.35
79425.000	21.00	171.23	159.30	5000.00	5000.00	5000.00	5036.00	5300.00	5300.00	300.00
79425.000	21.00	168.00	159.30	4964.08	.00	5000.00	5036.00	.00	5491.02	526.94
79425.000	21.00	169.83	159.30	4952.41	.00	5000.00	5036.00	.00	5504.68	552.27
79425.000	21.00	170.50	159.30	4945.37	.00	5000.00	5036.00	.00	5509.72	564.35
79425.000	21.00	171.74	159.30	4926.01	.00	5000.00	5036.00	.00	5519.02	593.01
79426.000	1.00	170.45	159.30	4946.13	.00	5000.00	5036.00	.00	5509.36	563.23
79426.000	1.00	171.20	159.30	5000.00	5000.00	5000.00	5036.00	5300.00	5300.00	300.00
79426.000	1.00	168.50	159.30	5000.00	.00	5000.00	5036.00	.00	5494.78	494.78
79426.000	1.00	169.81	159.30	5000.00	.00	5000.00	5036.00	.00	5504.58	504.58
79426.000	1.00	170.45	159.30	4946.13	.00	5000.00	5036.00	.00	5509.36	563.23
79426.000	1.00	171.66	159.30	4927.18	.00	5000.00	5036.00	.00	5518.45	591.27
79459.000	33.00	170.51	159.46	4947.72	.00	5000.00	5036.00	.00	5508.59	560.87
79459.000	33.00	171.27	159.46	5000.00	5000.00	5000.00	5036.00	5300.00	5300.00	300.00
79459.000	33.00	168.55	159.46	4961.58	.00	5000.00	5036.00	.00	5493.95	532.37
79459.000	33.00	169.92	159.46	4952.80	.00	5000.00	5036.00	.00	5504.22	551.43
79459.000	33.00	170.51	159.46	4947.72	.00	5000.00	5036.00	.00	5508.59	560.87
79459.000	33.00	171.74	159.46	4928.53	.00	5000.00	5036.00	.00	5517.81	589.28
80345.000	886.00	173.29	162.65	5025.97	.00	5043.00	5076.00	.00	5434.33	408.35
80345.000	886.00	174.11	162.65	5043.00	5043.00	5043.00	5076.00	5219.95	5219.95	176.95
80345.000	886.00	170.72	162.65	5033.91	.00	5043.00	5076.00	.00	5347.22	313.31
80345.000	886.00	172.61	162.65	5028.08	.00	5043.00	5076.00	.00	5424.19	396.11
80345.000	886.00	173.29	162.65	5025.97	.00	5043.00	5076.00	.00	5434.33	408.35
80345.000	886.00	174.69	162.65	5021.58	.00	5043.00	5076.00	.00	5457.16	435.58
81519.000	1174.50	177.39	166.50	4956.97	.00	5000.00	5076.00	.00	5377.49	420.52
81519.000	1174.50	177.91	166.50	4990.00	4990.00	5000.00	5076.00	5200.00	5200.00	210.00
81519.000	1174.50	174.45	166.50	4972.43	.00	5000.00	5076.00	.00	5068.79	96.35
81519.000	1174.50	176.69	166.50	4960.62	.00	5000.00	5076.00	.00	5311.68	351.07
81519.000	1174.50	177.39	166.50	4956.97	.00	5000.00	5076.00	.00	5377.49	420.52
81519.000	1174.50	178.83	166.50	4949.30	.00	5000.00	5076.00	.00	5514.82	565.51

SECTNO	XLCH	CMSL	ELMIM	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPPID
81614.000	95.00	177.66	166.85	5000.00	.00	5000.00	5076.00	.00	5370.02	370.02
81614.000	95.00	178.15	166.85	5000.00	4990.00	5000.00	5076.00	5200.00	5200.00	200.00
81614.000	95.00	174.70	166.85	5000.00	.00	5000.00	5076.00	.00	5068.19	68.19
81614.000	95.00	176.97	166.85	5000.00	.00	5000.00	5076.00	.00	5304.22	304.22
81614.000	95.00	177.66	166.85	5000.00	.00	5000.00	5076.00	.00	5370.02	370.02
81614.000	95.00	179.10	166.85	5000.00	.00	5000.00	5076.00	.00	5506.94	506.94
81635.000	21.00	177.50	166.85	5000.00	.00	5000.00	5027.00	.00	5355.24	355.24
81635.000	21.00	178.53	166.85	5000.00	4990.00	5000.00	5027.00	5200.00	5200.00	200.00
81635.000	21.00	174.31	166.85	5000.00	.00	5000.00	5027.00	.00	5027.00	27.00
81635.000	21.00	177.26	166.85	5000.00	.00	5000.00	5027.00	.00	5332.05	332.05
81635.000	21.00	177.50	166.85	5000.00	.00	5000.00	5027.00	.00	5355.24	355.24
81635.000	21.00	178.15	166.85	5000.00	.00	5000.00	5027.00	.00	5417.71	417.71
81658.000	23.00	178.44	166.99	4954.00	.00	5000.00	5076.00	.00	5431.08	477.08
81658.000	23.00	179.08	166.99	4990.00	4990.00	5000.00	5076.00	5200.00	5200.00	210.00
81658.000	23.00	175.84	166.99	4967.76	.00	5000.00	5076.00	.00	5073.56	105.80
81658.000	23.00	177.94	166.99	4956.62	.00	5000.00	5076.00	.00	5383.82	427.20
81658.000	23.00	178.44	166.99	4954.00	.00	5000.00	5076.00	.00	5431.08	477.08
81658.000	23.00	179.71	166.99	4947.08	.00	5000.00	5076.00	.00	5551.32	604.24
82335.000	677.00	180.85	169.85	5156.73	.00	5195.00	5245.00	.00	5603.50	446.78
82335.000	677.00	181.18	169.85	5190.00	5190.00	5195.00	5245.00	5400.00	5400.00	210.00
82335.000	677.00	178.29	169.85	5199.35	.00	5195.00	5245.00	.00	5355.95	93.54
82335.000	677.00	180.19	169.85	5186.43	.00	5195.00	5245.00	.00	5596.90	410.48
82335.000	677.00	180.85	169.85	5156.73	.00	5195.00	5245.00	.00	5603.50	446.78
82335.000	677.00	182.21	169.85	5093.90	.00	5195.00	5245.00	.00	5621.27	527.37
82434.000	99.25	181.89	170.02	4791.34	.00	5000.00	5022.00	.00	5314.02	522.68
82434.000	99.25	182.05	170.02	4913.15	4913.15	5000.00	5022.00	5150.66	5150.66	237.51
82434.000	99.25	178.98	170.02	4829.37	.00	5000.00	5022.00	.00	5238.18	408.80
82434.000	99.25	181.24	170.02	4793.45	.00	5000.00	5022.00	.00	5293.65	500.20
82434.000	99.25	181.89	170.02	4791.34	.00	5000.00	5022.00	.00	5314.02	522.68
82434.000	99.25	183.24	170.02	4786.94	.00	5000.00	5022.00	.00	5356.37	569.43
82517.000	83.00	182.27	170.18	4790.61	.00	5000.00	5022.00	.00	5321.04	530.44
82517.000	83.00	182.78	170.18	4907.14	4907.14	5000.00	5022.00	5154.05	5154.05	246.90
82517.000	83.00	179.74	170.18	4798.81	.00	5000.00	5022.00	.00	5246.49	447.68
82517.000	83.00	181.63	170.18	4792.69	.00	5000.00	5022.00	.00	5301.03	508.34
82517.000	83.00	182.27	170.18	4790.61	.00	5000.00	5022.00	.00	5321.04	530.44
82517.000	83.00	183.62	170.18	4786.24	.00	5000.00	5022.00	.00	5363.06	576.82
82518.000	1.00	182.48	170.18	4789.94	.00	5000.00	5022.00	.00	5327.40	537.46
82518.000	1.00	183.16	170.18	4897.12	4897.12	5000.00	5022.00	5163.71	5163.71	266.59
82518.000	1.00	179.96	170.18	4798.09	.00	5000.00	5022.00	.00	5249.56	451.48
82518.000	1.00	181.83	170.18	4792.03	.00	5000.00	5022.00	.00	5307.34	515.31
82518.000	1.00	182.48	170.18	4789.94	.00	5000.00	5022.00	.00	5327.40	537.46
82518.000	1.00	183.83	170.18	4785.54	.00	5000.00	5022.00	.00	5369.78	584.24

SECNO	XLCH	CWSEL	ELAIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
82532.000	13.50	182.55	170.18	4789.73	.00	5000.00	5022.00	.00	5329.47	539.74
82532.000	13.50	183.26	170.18	4895.86	4895.86	5000.00	5022.00	5164.15	5164.15	268.30
82532.000	13.50	180.03	170.18	4797.72	.00	5000.00	5022.00	.00	5252.61	454.89
82532.000	13.50	181.91	170.18	4791.81	.00	5000.00	5022.00	.00	5309.48	517.67
82532.000	13.50	182.55	170.18	4789.73	.00	5000.00	5022.00	.00	5329.47	539.74
82532.000	13.50	183.90	170.18	4785.35	.00	5000.00	5022.00	.00	5371.67	586.33
82533.000	1.00	182.49	170.18	4789.90	.00	5000.00	5022.00	.00	5327.80	537.89
82533.000	1.00	183.16	170.18	4901.97	4901.97	5000.00	5022.00	5157.03	5157.03	255.06
82533.000	1.00	180.03	170.18	4797.88	.00	5000.00	5022.00	.00	5251.01	453.12
82533.000	1.00	181.85	170.18	4791.97	.00	5000.00	5022.00	.00	5307.90	515.93
82533.000	1.00	182.49	170.18	4789.90	.00	5000.00	5022.00	.00	5327.80	537.89
82533.000	1.00	183.84	170.18	4785.53	.00	5000.00	5022.00	.00	5369.92	584.39
82553.000	20.00	182.48	170.27	4737.59	.00	5000.00	5071.00	.00	5228.49	490.90
82553.000	20.00	183.32	170.27	4900.60	4900.00	5000.00	5071.00	5150.00	5150.00	250.00
82553.000	20.00	180.16	170.27	4992.29	.00	5000.00	5071.00	.00	5147.45	155.16
82553.000	20.00	181.86	170.27	4805.41	.00	5000.00	5071.00	.00	5206.91	401.50
82553.000	20.00	182.48	170.27	4737.59	.00	5000.00	5071.00	.00	5228.49	490.90
82553.000	20.00	183.80	170.27	4592.26	.00	5000.00	5071.00	.00	5274.74	682.48
83400.000	847.50	186.26	173.08	4734.79	.00	4999.00	5024.00	.00	5116.74	381.94
83400.000	847.50	186.61	173.08	4902.15	4902.15	4999.00	5024.00	5038.21	5038.21	136.06
83400.000	847.50	183.32	173.08	4795.07	.00	4999.00	5024.00	.00	5073.45	278.38
83400.000	847.50	185.52	173.08	4749.97	.00	4999.00	5024.00	.00	5105.84	355.86
83400.000	847.50	186.26	173.08	4734.79	.00	4999.00	5024.00	.00	5116.74	381.94
83400.000	847.50	187.76	173.08	4704.95	.00	4999.00	5024.00	.00	5133.73	428.78
83491.000	91.00	187.10	173.41	4724.34	.00	4999.00	5024.00	.00	5123.84	399.50
83491.000	91.00	187.87	173.41	4899.75	4899.75	4999.00	5024.00	5041.17	5041.17	141.42
83491.000	91.00	184.67	173.41	4774.35	.00	4999.00	5024.00	.00	5088.33	313.98
83491.000	91.00	186.42	173.41	4738.32	.00	4999.00	5024.00	.00	5114.20	375.88
83491.000	91.00	187.10	173.41	4724.34	.00	4999.00	5024.00	.00	5123.84	399.50
83491.000	91.00	188.54	173.41	4699.93	.00	4999.00	5024.00	.00	5138.19	438.26
83492.000	1.00	187.47	173.41	4716.70	.00	4999.00	5024.00	.00	5127.57	410.87
83492.000	1.00	188.43	173.41	4884.15	4884.15	4999.00	5024.00	5054.68	5054.68	170.53
83492.000	1.00	184.90	173.41	4769.37	.00	4999.00	5024.00	.00	5091.91	322.54
83492.000	1.00	186.78	173.41	4730.87	.00	4999.00	5024.00	.00	5119.55	388.68
83492.000	1.00	187.47	173.41	4716.70	.00	4999.00	5024.00	.00	5127.57	410.87
83492.000	1.00	188.95	173.41	4695.26	.00	4999.00	5024.00	.00	5142.35	447.09
83507.000	15.00	187.65	173.41	4713.13	.00	4999.00	5024.00	.00	5129.32	416.18
83507.000	15.00	188.62	173.41	4882.91	4882.91	4999.00	5024.00	5056.29	5056.29	173.37
83507.000	15.00	185.14	173.41	4764.47	.00	4999.00	5024.00	.00	5095.43	330.96
83507.000	15.00	186.97	173.41	4727.12	.00	4999.00	5024.00	.00	5122.25	395.12
83507.000	15.00	187.65	173.41	4713.13	.00	4999.00	5024.00	.00	5129.32	416.18
83507.000	15.00	189.12	173.41	4693.41	.00	4999.00	5024.00	.00	5143.99	450.58

SECRO	XLCH	CMSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPRID
83508.000	1.00	187.56	173.41	4715.10	.00	4999.00	5024.00	.00	5128.36	413.26
83508.000	1.00	188.49	173.41	4895.01	4895.01	4999.00	5024.00	5046.10	5046.09	151.09
83508.000	1.00	185.10	173.41	4765.47	.00	4999.00	5024.00	.00	5094.71	329.24
83508.000	1.00	186.88	173.41	4728.89	.00	4999.00	5024.00	.00	5120.97	392.08
83508.000	1.00	187.56	173.41	4715.10	.00	4999.00	5024.00	.00	5128.36	413.26
83508.000	1.00	189.01	173.41	4694.69	.00	4999.00	5024.00	.00	5142.85	448.16
83530.000	22.00	187.41	173.53	4742.21	.00	5000.00	5022.00	.00	5088.23	346.02
83530.000	22.00	188.25	173.53	4919.55	4919.55	5000.00	5022.00	5024.21	5024.21	104.66
83530.000	22.00	185.05	173.53	4889.58	.00	5000.00	5022.00	.00	5058.64	169.05
83530.000	22.00	186.74	173.53	4784.49	.00	5000.00	5022.00	.00	5079.74	295.25
83530.000	22.00	187.41	173.53	4742.21	.00	5000.00	5022.00	.00	5088.23	346.02
83530.000	22.00	188.95	173.53	4695.31	.00	5000.00	5022.00	.00	5099.08	403.77
84460.000	930.00	192.18	177.27	5046.22	.00	5390.00	5428.00	.00	5467.91	329.53
84460.000	930.00	192.95	177.27	5370.20	5370.00	5390.00	5428.00	5470.00	5470.00	99.80
84460.000	930.00	188.32	177.27	5387.71	.00	5390.00	5428.00	.00	5444.52	56.81
84460.000	930.00	191.27	177.27	5051.64	.00	5390.00	5428.00	.00	5462.36	275.12
84460.000	930.00	192.18	177.27	5046.22	.00	5390.00	5428.00	.00	5467.91	329.53
84460.000	930.00	193.81	177.27	5036.55	.00	5390.00	5428.00	.00	5477.82	441.26

H VIRGINIA AVE.

C 37229.
C 37229.
C 37229.
C 37391.
C 37391.
C 37391.
C 37740.
C 37740.
C 37740.
C 38286.
C 38286.
C 38286.
C 38503.
C 38503.
C 38503.

LAST X-SECTION FOR VIRGINIA AVE.

X-SECTION LCL
& FIRST X-SECTION FOR # I, R.R.

BRIDGE # I, R.R.

LAST X-SECTION FOR # I, R.R.

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
FILENAME: LV.HCC ENG: SKE EA: DLY CORR 2320
LOWER CREEK, DATE: 01/31/86 100-YEAR EVENT
6.0 .001073 79.68

J21.0	-1.	42.	53.	27.	21.	22.	28.	54.
J338.	39.	1.						
J34.								
J5-10.	-10.							
J61.0								
ET								
Q17.	4700.	10240.	13740.	17270.	27990.	17270.	10.41	
NC0.1	0.1	0.1	0.3					
NH4.	.22	5790.	.18	5950.	.046	6015.	.15	7010.
X11750.	19.	6015.	0.					
X41.	18.	5790.						
GR40.	5000.	32.	5030.	28.	5180.	24.	5440.	20.
GR20.	5950.	10.8	5953.	9.8	5982.5	10.8	6012.	20.
GR20.	6050.	18.	6235.	20.	6370.	24.	6460.	28.
GR28.	6730.	32.	6875.	36.	6940.	40.	7010.	
NH6.	100.	5555.	.18	5785.5	.046	5873.5	.09	5950.
NH6250.	100.	7245.						.16
ET								
X13640.	49.	5785.5	5873.5	1830.	1900.	1890.	9.1	5472.
GR40.	5000.	20.	5040.	19.	5070.	20.	5085.	21.
GR23.	5185.	21.	5225.	20.	5250.	19.	5280.	20.
GR21.	5335.	23.	5410.	22.	5485.	23.	5555.	22.
GR23.	5680.	23.	5745.	23.9	5763.5	23.6	5785.5	13.6
GR13.	5796.5	12.1	5808.5	11.8	5816.5	12.1	5833.5	13.
GR13.2	5854.5	22.9	5873.5	21.	5885.	22.	5950.	22.
GR21.	6250.	22.	6290.	20.	6300.	15.	6315.	20.
GR22.	6350.	21.	6420.	21.	6485.	22.	6565.	22.
GR23.	6830.	22.	6910.	22.	7000.	23.	7075.	24.
GR28.	7170.	32.	7195.	36.	7220.	40.	7245.	
NH4.	.1	5678.5	.046	5746.	.12	5962.	100.	6377.
ET								6153.
X14680.	49.	5678.5	5746.	980.	1410.	1040.	9.1	5653.
GR40.	5000.	38.	5065.	36.	5090.	36.	5125.	35.
GR33.	5288.	36.	5354.	38.	5372.	40.	5402.	42.
GR40.	5500.	38.	5530.	36.	5560.	32.	5570.	28.
GR24.	5630.	21.	5650.	20.	5663.	22.	5678.5	14.1
GR14.	5685.5	13.4	5693.5	12.9	5703.5	12.9	5713.5	14.
GR13.8	5718.5	16.	5723.	20.	5734.	21.	5746.	22.
GR22.	5850.	23.	5912.	22.	5962.	22.	6024.	21.
GR20.	6117.	24.	6137.	16.	6147.	24.	6152.	19.
GR20.	6212.	21.	6232.	24.	6272.	24.	6282.	26.

GR28.	6320.	32.	6337.	36.	6359.	40.	6377.	5830.	5460.
QT7.	4300.	6320.	9290.	12420.	15540.	25160.	15540.	5830.	5460.
NH4.	.1	4980.	.046	5095.	.09	5490.	.15	4960.	5460.
ET							9.1		
X15635.640.	4980.	4980.	5095.	935.6	895.6	955.6			
GR40.	4520.	36.	4560.	32.	4665.	30.	4730.	28.37	4800.
GR27.23	4850.	26.69	4900.	26.37	4950.	22.	4980.	15.	5000.
GR15.	5000.01	14.7	5005.	13.6	5007.5	13.7	5010.	14.2	5015.
GR14.5	5020.	13.7	5025.	14.3	5030.	14.9	5035.	14.9	5035.01
GR13.7	5036.3	13.7	5036.31	13.8	5040.	14.1	5045.	13.5	5050.
GR13.7	5055.	14.	5060.	14.	5065.	13.7	5071.	13.7	5071.01
GR20.	5095.	21.	5121.	22.	5171.	22.	5221.	23.	5271.
GR24.	5380.	24.	5490.	28.	5650.	36.	5730.	44.	5830.
NC		.5	.3	.5					
NH4.	.1	4980.	.046	5095.	.09	5490.	.15	5830.	5467.
ET							9.1		
X15918.6									
X310.									
NH4.	.1	4980.	.046	5095.	.09	5490.	.15	5830.	5361.
ET							9.11		
X15919.643.	4950.	4950.	5121.	1.	1.	1.	4665.	32.	32.
BT-40.	4520.	40.	4560.	36.	36.	28.37	4850.	27.23	27.23
BT	4730.	30.	4800.	26.37	26.37	26.37	4980.	26.	22.
BT	4900.	26.69	4950.	26.37	26.37	26.37	5005.	28.45	23.48
BT	5000.	25.98	5000.01	28.51	23.51	23.51	5015.	28.45	23.45
BT	5007.5	28.47	5025.	28.42	23.42	23.42	5030.	28.39	23.39
BT	5020.	28.43	5025.	28.42	23.42	23.42	5030.3	28.41	13.7
BT	5035.	28.41	5035.01	28.41	14.9	14.9	5036.3	28.41	23.41
BT	5036.31	28.41	5040.	28.42	23.42	23.42	5045.	28.43	23.43
BT	5050.	28.43	5055.	28.43	23.43	23.43	5060.	28.43	23.43
BT	5065.	28.43	5071.	28.45	25.45	25.45	5071.01	25.82	13.7
BT	5095.	25.8	5121.	25.77	21.	21.	5171.	25.75	22.
BT	5221.	25.47	5271.	25.65	23.	23.	5380.	30.	24.
BT	5490.	32.	5650.	36.	28.	28.	5730.	40.	36.
BT	5830.	44.							
GR40.	4520.	36.	4560.	32.	4665.	30.	4730.	28.37	4800.
GR27.23	4850.	26.69	4900.	26.37	4950.	22.	4980.	15.	5000.
GR15.	5000.01	14.7	5005.	13.6	5007.5	15.4	5007.51	15.4	5008.5
GR13.6	5008.51	13.7	5010.	14.2	5015.	14.5	5020.	13.7	5025.
GR14.3	5030.	14.9	5035.	14.9	5035.01	13.7	5036.3	13.7	5036.31
GR13.8	5040.	14.1	5045.	13.5	5050.	13.7	5055.	14.	5060.
GR14.	5065.	13.7	5071.	13.7	5071.01	20.	5095.	21.	5121.
GR22.	5171.	22.	5221.	23.	5271.	24.	5380.	24.	5490.
GR28.	5650.	36.	5730.	44.	5830.				
NH4.	.18	4980.	.046	5095.	.09	5490.	.15	5830.	5346.
ET							9.11		
X15940.4									
X2									
NH4.	.18	4980.	.046	5095.	.09	5490.	.15	5830.	5440.
ET							9.1		
X15941.440.	4980.	4980.	5095.	1.	1.	1.	15.	13.7	4800.
X310.									
GR40.	4520.	36.	4560.	32.	4665.	30.	4730.	28.37	4800.
GR27.23	4850.	26.69	4900.	26.37	4950.	22.	4980.	15.	5000.
GR15.	5000.01	14.7	5005.	13.6	5007.5	13.7	5010.	14.2	5015.
GR14.5	5020.	13.7	5025.	14.3	5030.	14.9	5035.	14.9	5035.01
GR13.7	5036.3	13.7	5036.31	13.8	5040.	14.1	5045.	13.5	5050.
GR13.7	5055.	14.	5060.	14.	5065.	13.7	5071.	13.7	5071.01
GR20.	5095.	21.	5121.	22.	5171.	22.	5221.	23.	5271.
GR24.	5380.	24.	5490.	28.	5650.	36.	5730.	44.	5830.
NH4.	.18	4950.	.046	5121.	.09	5490.	.15	5830.	5470.
ET							9.1		

X16011.4				70.	70.	70.		.84	
NC.1	.1	.05	.1	.3					
NH5.	.15	5632.	.09	5897.5	.046	5987.5	.08	6250.5	.12
NH6492.5									
ET							10.41		
X19750.	40.	5897.5	5987.5	3778.6	3568.6	3739.1			
GR48.	5000.	44.	5045.	40.	5070.	36.	5115.	28.	5195.
GR24.	5228.	23.	5315.	21.	5395.	23.	5466.	23.	5573.
GR22.	5632.	23.	5675.	23.	5750.	24.	5810.	24.	5840.
GR24.8	5862.5	25.	5897.5	17.2	5913.5	17.	5913.51	16.	5917.5
GR16.	5932.5	16.	5942.5	15.8	5964.5	17.	5966.5	18.5	5966.5
GR23.	5987.5	24.	5990.	23.	6030.	23.	6097.5	22.	6174.5
GR22.	6250.5	21.	6340.5	23.	6367.5	24.	6383.5	28.	6392.5
GR32.	6406.5	36.	6423.5	40.	6433.5	44.	6456.5	46.	6492.5
NH5.	.15	4730.	.12	5000.	.046	5084.	.08	5675.	.12
NH5875.									
X111287.	13.	5000.	5084.	1600.	1410.	1537.			
GR48.	4540.	24.	4640.	24.	4730.	25.	5000.	18.86	5015.
GR17.86	5020.	18.	5060.	20.86	5068.	24.4	5084.	24.	5310.
GR24.	5675.	40.	5825.	48.	5875.				
NH4.	100.	4270.	.11	5000.	.046	5084.	.18	5330.	
X113337.	14.	5000.	5084.	2190.	1940.	2050.			
GR48.	2930.	40.	3060.	32.	3380.	28.	3940.	28.	4270.
GR29.62	5000.	21.62	5015.	20.62	5020.	20.78	5060.	23.62	5068.
GR27.22	5084.	32.	5120.	40.	5150.	48.	5330.		
NH3.	.14	5647.5	.046	5707.5	.15	6370.			
ET							9.1	5280.	5939.
X115288.	17.	5647.5	5707.5	5500.	2030.	1951.			
GR37.	5000.	36.	5070.	31.	5410.	32.	5555.	32.24	5647.5
GR24.24	5662.5	23.24	5667.5	27.72	5707.5	27.62	5715.5	28.12	5731.5
GR36.	5750.	33.	5830.	36.	6140.	36.	6260.	40.	6295.
GR44.	6340.	48.	6370.						
NH5.	.15	5590.	.14	5907.	.046	5989.	.11	6055.	.15
NH6195.									
ET							9.1	5130.	6005.
X116450.	35.	5907.	5989.	1160.	1090.	1162.			
GR48.	5000.	44.	5015.	40.	5030.	36.	5050.	32.	5065.
GR32.	5090.	31.	5150.	29.	5210.	33.	5270.	32.	5320.
GR32.	5390.	31.7	5460.	31.5	5515.	32.	5590.	34.	5705.
GR35.	5815.	36.	5869.	35.	5907.	26.8	5925.	26.	5925.01
GR24.8	5933.	25.1	5944.	25.	5954.	25.3	5962.	25.5	5969.
GR26.	5975.	28.	5977.	31.9	5989.	33.	5990.	34.	6055.
GR35.	6130.	36.	6150.	40.	6170.	44.	6185.	48.	6195.
NH3.	.1	5000.	.046	5114.31	.15	6157.2			
ET							9.1	4685.	5135.
X118692.	58.	5000.	5114.31	2353.15	2183.15	2242.		.5	
X41.	35.5	4590.							
GR60.	4157.	48.	4330.	36.	4750.	36.	4800.	36.	4850.
GR36.	4900.	36.	4950.	36.4	5000.	36.4	5000.01	35.54	5001.
GR35.54	5001.01	34.2	5002.55	34.2	5002.56	33.4	5005.	32.5	5010.
GR31.9	5015.	30.9	5020.	29.8	5025.	29.2	5030.	28.3	5035.
GR28.4	5037.5	28.4	5037.51	28.4	5038.25	28.4	5038.26	28.4	5039.25
GR28.4	5039.26	28.4	5040.	28.4	5040.01	28.7	5045.	28.9	5050.
GR28.1	5055.	28.4	5060.	27.8	5065.	28.7	5070.	31.3	5074.5
GR31.3	5074.51	31.3	5075.25	31.3	5075.26	31.9	5076.25	31.9	5076.26
GP21.7	5077.	31.9	5077.01	34.4	5080.	37.2	5085.	38.6	5090.
GR38.4	5095.	38.2	5100.	39.5	5105.	40.8	5110.	40.	5112.2
GR40.	5112.21	40.	5114.3	40.	5114.31	40.	5164.	40.	5214.
GR44.	5264.	48.88	5314.	60.	6157.2				
NC			.3	.5					
NH3.	.1	5000.	.046	5114.31	.15	6157.2			
ET							9.1	4690.	5140.

GR75.	4619.	70.	4814.	65.	4919.	60.	4974.	55	4994.
GR50.	5000.	37.65	5015.	36.81	5025.	36.55	5045.	37	5055.
GR37.55	5065.	37.65	5076.5	47.4	5082.	48.3	5275.	49.1	5950.
GR50.	6350.	55.	6395.	60.	6415.				
NH4.	.18	5440.	.046	5534.	.16	6015.	9.1	5200.	5702.
ET									
X125455.	18.	5440.	5534.	1147.5	997.5	1065.	5440.	41.4	5451.
GR60.	5000.	55.	5040.	50.	5072.	49.2	5480.	38.8	5493.
GR39.	5456.	37.	5461.	36.9	5470.	38.4	5534.	47.9	5550.
GR38.5	5505.	39.	5515.	42.	5520.	48.			
GR50.	5705.	55.	5995.	60.	6015.				
NH4.	.15	5145.	.046	5265.	.095	5500.	.2	6153.	5710.
ET							9.1	5145.	
X127385.	25.	5145.	5265.	1962.5	1775.	1930.	5145.	42.5	5166.
GR70.	5000.	65.	5114.	55.	5114.01	55.9	5214.	42.5	5221.
GR41.8	5166.01	41.9	5181.	42.1	5201.	41.6	5275.	50.	5500.
GR43.5	5222.	55.7	5239.	55.7	5265.	50.	5675.	45.	5698.
GR50.	5610.	50.	5646.	45.	5651.	44.	6083.	65.	6153.
GR49.8	5793.	50.	5910.	55.	6023.	60.			
NH4.	.15	4991.	.046	5064.5	.095	5400.	.2	5840.	5543.
ET							9.1	4973.	
X127422.	38.	4991.	5064.5	37.	37.	37.	4845.	55.97	4855.
GR75.	4800.	70.	4810.	65.	4825.	60.	4996.5	48.62	4999.99
GR55.47	4903.	56.01	4934.	53.37	4991.	50.07	5010.	42.87	5015.
GR46.77	5000.	46.06	5002.72	45.47	5005.	42.87	5035.	41.57	5040.
GR62.47	5020.	42.27	5025.	41.87	5030.	41.97	5050.01	49.27	5055.
GR43.87	5045.	46.28	5048.89	46.97	5050.	48.88	5118.	54.1	5150.
GR50.	5064.5	52.	5084.	54.	5096.	55.3	5560.	50.	5620.
GR50.	5400.	50.	5510.	50.	5540.				
GR55.	5720.	60.	5800.	65.	5840.				
NC			.3	.5			.2	5840.	
NH4.	.15	4991.	.046	5064.5	.095	5400.	9.1	4973.	5543.
ET									
X127605.							53.37	50.	
X310.			208.	333.	183.		.2	5840.	
NH4.	.15	4991.	.046	5064.5	.095	5400.	9.11	4973.	5543.
ET									
X127606.									
BT-38.	4800.	75.	4810.	70.	1.	1.	4825.	65.	65.
BT	4845.	60.	4855.	55.97	55.97	55.97	4903.	55.47	55.47
BT	4934.	56.01	4991.	53.37	53.37	53.37	4996.5	50.07	50.07
BT	4999.99	48.62	48.62	48.62	46.77	46.77	5002.72	48.66	46.06
BT	5005.	48.7	46.1	5010.	48.75	46.15	5015.	48.78	46.18
BT	5020.	48.82	46.22	5025.	48.67	46.17	5030.	48.88	46.28
BT	5035.	48.88	46.12	5040.	48.9	46.3	5045.	48.9	46.3
BT	5048.89	48.88	46.28	5050.	48.88	46.97	5050.01	48.88	48.88
BT	5055.	49.27	49.27	5064.5	55.27	50.	5084.	56.2	52.
BT	5096.	59.97	54.	5118.	55.3	55.3	5150.	54.1	54.1
BT	5400.	50.	50.	5510.	50.	50.	5540.	50.	50.
BT	5560.	45.	45.	5620.	50.	50.	5720.	55.	55.
BT	5800.	60.	60.	5840.	65.	65.			
NH4.	.15	4991.	.046	5064.5	.095	5400.	.2	5840.	5543.
ET							9.1	4973.	
X127614.									
X2			8.	8.	8.	8.	.2	5840.	
NH4.	.15	4991.	.046	5064.5	.095	5400.	9.1	4973.	5543.
ET									
X127615.									
X310.			1.	1.	1.	1.	53.37	50.	
QT7.	3930.	5790.	8520.	11420.	14180.	23150.	14180.		
NH4.	.15	4991.	.046	5064.5	.095	5400.	.2	5840.	
ET							9.1	4973.	5543.

X127668.	.1	.05	.1	.45	.45	.07
MC.1	.18	5000.	.046	5092.	.095	5350.
NH4.	.18	5000.	.046	5092.	.095	5350.
ET						
X128864.	.23	5000.	5092.	963.67	1011.16	994.
GR75.	4942.	70.	4957.	65.	4972.	60.
GR49.4	5016.	48.73	5016.01	44.63	5024.	44.02
GR43.46	5060.	43.92	5072.	44.63	5080.	49.21
GR54.98	5092.	54.	5350.	53.	5512.	55.
GR65.	5887.	70.	5907.	75.	5967.	60.
MC			.3	.5		
NH4.	.18	5000.	.046	5092.	.095	5350.
ET						
X128929.						
X310.	.18	5000.	.046	5092.	.095	5350.
NH4.	.18	5000.	.046	5092.	.095	5350.
ET						
X128930.						
BT-23.	4942.	75.	75.	4957.	1.	1.
BT	4987.	60.	60.	5000.	70.	70.
BT	5016.01	49.4	48.73	5024.	55.	55.
BT	5050.	48.92	5060.	49.19	48.62	49.29
BT	5080.	49.74	5085.	49.07	48.52	49.52
BT	5092.	54.98	5350.	54.	5085.01	49.88
BT	5792.	55.	5837.	60.	5512.	53.
BT	5907.	70.	5967.	75.	5887.	65.
NH4.	.18	5000.	.046	5092.	.095	5350.
ET						
X128931.						
X2			.67	.67		
NH4.	.18	5000.	.046	5092.	.095	5350.
ET						
X128932.						
X310.	.18	5640.	8310.	11140.	13840.	22620.
QT7.	.18	5000.	.046	5092.	.095	5350.
NH4.	.18	5000.	.046	5092.	.095	5350.
ET						
X128999.						
MC.1	.1	.05	.1	.67.	.67.	
NH3.	.15	5004.	.048	5107.	.18	6050.
ET						
X129965.	.22.	5004.	5107.	956.66	844.16	966.
GR95.	4540.	72.72	4540.01	70.1	4780.	57.4
GR46.4	5026.	45.8	5034.	45.41	5050.	45.21
GR47.2	5078.	48.6	5081.	53.6	5086.	54.6
GR54.	5330.	55.	5800.	60.	5840.	65.
GR75.	5950.	85.	6050.			
NH3.	.15	5236.	.048	5327.	.18	5830.
ET						
X131000.	.19.	5236.	5327.	1075.	1055.	1035.
GR75.	5000.	70.	5205.	65.	515.	60.
GR48.	5249.	47.24	5254.	47.14	5262.	46.79
GR50.	5300.	55.	5305.	57.64	5327.	60.
GR60.	5720.	65.	5775.	70.	5800.	75.
NH3.	.15	5065.	.048	5165.	.18	5650.
ET						
X131300.	.15.	5065.	5165.	275.	337.5	300.
GR90.	4910.	75.	4911.	75.	4950.	69.
GR46.2	5090.	48.	5120.	46.	5140.	46.5
GR58.7	5200.	58	5300.	60.	5525.	65
QT7.	3380.	4970.	7320.	9800.	12190.	19880.
NH4.	.15	5000.	.048	5075.	.085	5540.
ET						

ET						9.1	54	5385.
X132381.24.	5000.	5075.	1000.5	1225.5	1081.			
GR74.87	4766.5	70.	4920.	65.	5000.	60.	5015.	55.
GR52.2	5030.	48.6	5033.77	47.7	5037.55	48.81	5038.08	46.1
GR47.5	5045.1	48.9	5049.33	48.3	5050.61	50.50	5052.65	50.80
GR52.6	5058.91	55.8	5059.9	56.7	5060.2	60.	5075.	60.
GR60.	5520.	65.	5540.	70.	5580.	75.	6000.	
NC			.3	.5				
NH3.	.15	5000.	.048	5183.	.085	5426.5		
ET						9.1	5300.	5235.
X132692.48.	5000.	5083.	311.	311.	311.			
X310.						68.55	71.41	
GR75.	4766.5	70.84	4970.	62.	5000.	61.2	5002.	61.2
GR61.1	5005.	61.3	5010.	58.4	5014.5	57.1	5014.94	57.1
GR57.1	5015.8	57.1	5015.81	55.4	5020.	53.7	5025.	52.6
GR52.6	5027.7	50.9	5028.55	50.9	5028.56	50.2	5030.	48.6
GR47.7	5040.	48.1	5040.69	48.1	5040.7	48.1	5041.55	48.1
GR46.1	5045.	47.5	5050.	48.3	5056.44	48.3	5056.45	48.3
GR48.3	5057.31	50.50	5060.	50.8	5065.	52.6	5068.29	52.6
GR52.6	5069.15	52.6	5069.16	56.7	5070.	60.	5075.	61.3
GR63.3	5080.39	63.3	5080.4	64.	5083.	71.15	5133.	71.41
GR71.6	5233.	71.41	5283.	75.	5426.5			
NH3.	.15	5000.	.048	5183.	.085	5426.5		
ET						9.1	4990.	5090.
X132693.48.	5000.	5083.	1.	1.	1.			
BT-48.	4766.5	75.	4970.	70.84	70.84	5000.	71.06	62.
BT	5002.	71.07	61.2	5002.01	71.07	68.55	5005.	71.09
BT	5010.	71.09	68.56	5014.5	71.1	68.56	5014.94	71.1
BT	5014.95	71.1	57.1	5015.8	71.1	57.1	5015.81	71.1
BT	5020.	71.11	68.57	5025.	71.12	68.59	5027.69	71.12
BT	5027.7	71.12	52.6	5028.55	71.12	50.9	5028.56	71.12
BT	5030.	71.12	68.6	5035.	71.12	68.59	5040.	71.14
BT	5040.69	71.14	68.59	5040.7	71.14	48.1	5041.55	71.13
BT	5041.56	71.13	68.59	5045.	71.11	68.59	5050.	71.11
BT	5056.44	71.11	68.59	5056.45	71.11	48.3	5057.3	71.11
BT	5057.31	71.11	68.59	5060.	71.11	68.59	5065.	71.11
BT	5068.29	71.12	52.6	5068.3	71.12	52.6	5069.15	71.12
BT	5069.16	71.12	68.6	5070.	71.12	63.6	5075.	71.11
BT	5080.	71.07	68.59	5080.39	71.05	68.59	5080.4	71.06
BT	5083.	71.03	64.	5133.	71.15	71.15	5183.	71.41
BT	5233.	71.6	71.6	5283.	71.41	71.41	5426.5	75.
GR75.	4766.5	70.84	4970.	62.	5000.	61.2	5002.	61.2
GR61.1	5005.	61.3	5010.	58.4	5014.5	57.1	5014.94	57.1
GR57.1	5015.8	57.1	5015.81	55.4	5020.	53.7	5025.	52.6
GR52.6	5027.7	50.9	5028.55	50.9	5028.56	50.2	5030.	48.6
GR47.7	5040.	48.1	5040.69	48.1	5040.7	48.1	5041.55	48.1
GR46.1	5045.	47.5	5050.	48.3	5056.44	48.3	5056.45	48.3
GR48.3	5057.31	50.50	5060.	50.8	5065.	52.6	5068.29	52.6
GR52.6	5069.15	52.6	5069.16	56.7	5070.	60.	5075.	61.3
GR63.3	5080.39	63.3	5080.4	64.	5083.	71.15	5133.	71.41
GR71.6	5233.	71.41	5283.	75.	5426.5			
NH3.	.15	5000.	.048	5183.	.085	5426.5		
ET						9.1	4995.	5095.
X132718.			25.	25.	25.			
X2					1.			
NH3.	.15	5000.	.048	5183.	.085	5426.5		
ET						9.1	4995.	5115.
X132719.			1.	1.	1.			
X310.						68.55	71.41	
NH3.	.11	5010.	.048	5070.	.085	5090.		
ET						9.1	5000.	5090.
X132796.20.	5010.	5070.	77.	77.	77.			

GR75.	4999.	70.	5000.	65.	5010.	60.	5020.	54.	5030.
GR50.9	5033.77	50.	5037.55	51.11	5038.08	48.4	5041.32	49.	5045.1
GR51.2	5049.33	50.6	5050.61	52.8	5052.65	53.1	5055.42	54.9	5058.91
GR58.1	5059.9	59.	5060.2	65.	5070.	70.	5085.	75.	5090.
NH4.	.15	5000.	.048	5135.51	.085	5900.	.2	6862.5	
ET							9.1	5000.	5135.51
X132875.48.		5000.	5135.51	80.85	55.85	79.			
X310.							71.68	71.1	
X41.	80.	4465.							
GR85.	4317.5	75.	4695.	70.	4750.	65.	4800.	57.4	5000.
GR57.4	5000.01	55.6	5005.	51.5	5010.	50.9	5015.	51.5	5020.
GR51.7	5025.	51.6	5030.	52.	5035.	52.1	5040.	52.5	5044.
GR52.5	5044.01	52.5	5045.5	52.5	5045.51	51.5	5050.	52.1	5055.
GR52.	5060.	52.2	5065.	52.9	5070.	52.7	5075.	52.4	5080.
GR52.1	5085.	51.8	5089.	51.8	5089.01	51.8	5090.5	51.8	5090.51
GR52.2	5095.	55.6	5100.	57.4	5105.	58.4	5110.	60.1	5115.
GR61.8	5120.	63.7	5125.	65.	5130.	65.	5135.	65.	5135.5
GR65.	5135.51	65.	5169.	66.	5219.	67.	5269.	70.	5319.
GR72.	5900.	76.4	6350.	80.	6862.5				
NH4.	.15	5000.	.048	5135.51	.085	5900.	.2	6862.5	
SB1.05	1.56	2.6	0.	80.887	2.	2043.	1.42	50.9	50.9
ET							9.1	5000.	5135.51
X132907.				32.3	32.3	32.3			
X2	1.	70.13		71.1					
X310.							71.68	71.1	
BT-48.	4465.	80.	80.	4695.	75.96	75.	4750.	75.	70.
BT	4800.	75.	65.	5000.	71.68	57.4	5000.01	74.13	70.13
BT	5005.	74.13	70.13	5010.	74.16	70.13	5015.	74.18	70.13
BT	5020.	74.27	70.13	5025.	74.19	70.12	5030.	74.19	70.12
BT	5035.	74.19	70.12	5040.	74.14	70.12	5044.	74.12	70.12
BT	5044.01	74.12	52.5	5045.5	74.12	52.5	5045.51	74.12	70.12
BT	5050.	74.11	70.12	5055.	74.11	70.12	5060.	74.11	70.12
BT	5065.	74.11	70.12	5070.	74.12	70.12	5075.	74.13	70.12
BT	5080.	74.11	70.12	5085.	74.12	70.12	5089.	74.12	70.12
BT	5089.01	74.12	51.8	5090.5	74.12	51.8	5090.51	74.12	70.12
BT	5095.	74.12	70.12	5100.	74.15	70.12	5105.	74.14	70.12
BT	5110.	74.13	70.12	5115.	74.11	70.11	5120.	74.11	70.11
BT	5125.	74.1	70.11	5130.	74.06	70.11	5135.	74.11	70.11
BT	5135.5	74.15	70.11	5135.51	71.58	65.	5159.	71.65	65.
BT	5219.	71.51	66.	5269.	71.44	67.	5319.	71.1	70.
BT	5900.	72.	72.	6350.	76.4	76.4	6862.5	80.	80.
NH4.	.15	5000.	.048	5105.01	.085	5900.	.2	6862.5	
ET							9.1	5000.	5105.01
X132919.48.		5000.	5105.01	12.	12.	12.			
GR80.	4465.	75.	4695.	70.	4750.	65.	4800.	57.11	5000.
GR56.44	5000.01	55.6	5005.	51.5	5010.	50.9	5015.	51.5	5020.
GR51.7	5025.	51.6	5030.	52.	5035.	52.1	5040.	52.5	5044.
GR52.5	5044.01	52.5	5045.5	52.5	5045.51	51.5	5050.	52.1	5055.
GR52.	5060.	52.2	5065.	52.9	5070.	52.7	5075.	52.4	5080.
GR52.1	5085.	51.8	5089.	51.8	5089.01	51.8	5090.5	51.8	5090.51
GR52.2	5095.	55.6	5100.	56.44	5105.	57.11	5105.01	60.1	5115.
GR61.8	5120.	63.7	5125.	65.	5130.	65.	5135.	65.	5135.5
GR65.	5135.51	65.	5169.	66.	5219.	67.	5269.	70.	5319.
GR72.	5900.	76.4	6350.	80.	6862.5				
NH4.	.15	5000.	.048	5105.01	.085	5900.	.2	6862.5	
ET							9.1	5000.	5105.
X132931.				12.	12.	12.			
X310.							57.11	57.11	
NH4.	.15	5000.	.048	5105.01	.085	5900.	.2	6862.5	
ET							9.11	5000.	5105.
X132932.				1.	1.	1.			
BT-20.	4465.	80.	80.	4695.	75.	75.	4750.	70	70.

BT	4800.	65.	65.	5000.	57.11	57.11	5000.01	57.	56.44
BT	5105.	57.11	56.44	5105.01	57.11	57.11	5115.	60.	60.1
BT	5120.	61.8	61.8	5125.	63.7	63.7	5130.	65.7	65.7
BT	5135.	65.	65.	5135.51	65.	65.	5169.	65.	65.
BT	5219.	66.	66.	5269.	67.	67.	5319.	70.	70.
BT	5900.	72.	72.	6350.	76.4	76.4			
NH4.	.15	5000.	.048	5105.01	.085	5900.	.2	6862.5	
ET							9.1	5000.	5105.01
X132933.				.67	.67	.67			
X2						1.			
NH4.	.15	5000.	.048	5105.01	.085	5900.	.2	6862.5	
ET							9.1	5000.	5105.01
X132934.				1.	1.	1.			
X310.							57.11	57.11	
NH4.	.15	5000.	.048	5105.01	.085	5900.	.2	6862.5	
ET							9.1	5000.	5105.01
X133041.				107.	107.	107.		.57	
NC.1	.1	.05	.1	.3					
NH5.	.15	5280.	.11	5905.	.048	5960.	.180	6770.	.2
NH7570.									
ET							9.1	5630.	6020.
X133660.18.		5905.	5975.	750.18	412.68	619.			
X41.	75.	5000.							
GR80.	4960.	70.	5027.	65.	5057.	62.	5280.	69.	5905.
GR57.6	5924.	55.27	5925.	54.05	5930.	54.03	5940.	53.75	5950.
GR55.27	5959.	63.95	5960.	72.	5975.	70.	6027.	70.	6470.
GR70.	6720.	75.	6770.	80.	7570.				
NH5.	.18	4794.	.11	5000.	.048	5088.	.085	5194.	100.
NH6326.									
ET							9.1	4650.	5100.
X133995.21.		5000.	5088.	335.	335.	335.		.12	
X42.	64.88	4794.	70.22	5194.					
GR80.	4346.	75.	4376.	70.	4396.	65.	4451.	65.	4861.
GR66.	4936.	69.	5000.	63.14	5010.	62.47	5010.01	54.64	5019.
GR54.1	5037.	54.02	5047.	54.64	5063.	63.04	5073.	63.71	5073.01
GR72.	5088.	70.	5216.	70.	5806.	73.	5866.	75.	5956.
GR80.	6326.								
NC			.5						
NH5.	.18	4794.	.11	5000.	.048	5088.	.085	5194.	100.
NH6326.									
ET							9.1	4650.	5100.
X134246.				251.	251.	251.		.12	
X310.							63.14	63.71	
NH5.	.18	4794.	.11	5000.	.048	5088.	.085	5194.	100.
NH6326.									
ET							9.11	4650.	5100.
X134247.				1.	1.	1.			
BT-21.	4346.	80.	80.	4376.	75.	75.	4396.	70.	70.
BT	4451.	65.	65.	4861.	65.	65.	4936.	66.	66.
BT	5000.	69.	69.	5010.	63.14	63.14	5010.01	63.14	62.47
BT	5019.	63.22	62.55	5037.	63.38	62.71	5047.	63.47	62.8
BT	5063.	63.62	62.95	5073.	63.71	63.04	5073.01	63.71	63.71
BT	5088.	72.	72.	5216.	70.	70.	5806.	70.	70.
BT	5866.	73.	73.	5956.	75.	75.	6326.	80.	80.
NH5.	.18	4794.	.11	5000.	.048	5088.	.085	5194.	100.
NH6326.									
ET							9.11	4650.	5100.
X134248.				.67	.67	.67			
X2						1.			
NH5.	.18	4794.	.11	5000.	.048	5088.	.085	5194.	100.
NH6326.									
ET							9.1	4650.	5100.

ET							9.1	51	5647.
X135460.25.	5415.	5579.	149.5	124.5	150.				
X41.	80.	5000.							
GR85.	4927.	75.	5025.	70.	5060.	68.	5130.	65.	5415.
GR60.24	5504.	58.04	5512.	57.	5520.	56.39	5524.	55.8	5532.
GR56.27	5541.	55.94	5550.	56.19	5557.	57.	5560.	58.19	5566.
GR65.44	5579.	65.54	5594.	70.	6072.	75.	6090.	75.	6260.
GR78.	6769.99	88.	6770.	88.	6920.	79.	6920.01	80.	7229.
NH5.	.15	4800.	.11	4988.	.048	5063.	.085	5590.	100.
NH7060.									
ET							9.1	4688.	5138.
X135829.34.	4988.	5063.	368.	293.	369.			.33	
X41.	79.67	4560.							
GR85.	4165.5	75.	4800.	70.	4940.	66.2	4988.	66.2	4988.01
GR65.3	4992.7	65.3	4992.71	63.6	5000.	60.2	5005.	59.5	5010.
GR58.97	5015.	57.3	5015.01	57.2	5020.	57.5	5025.	57.5	5030.
GR57.	5035.	57.3	5040.	57.5	5045.	58.2	5050.	59.	5052.
GR59.1	5052.01	61.	5055.	65.4	5060.	69.3	5063.	72.5	5102.
GR73.1	5152.	73.39	5187.	76.	5420.	77.	5590.	77.	5639.99
GR95.	5640.	95.	5940.	78.	5940.01	80.	7060.		
NH5.	.15	4800.	.11	4988.	.048	5063.	.085	5590.	100.
NH7060.									
ET							9.1	4688.	5138.
X136028.			199.	199.	199.			.33	
X310.							63.6	69.3	
NH5.	.15	4800.	.11	4988.	.048	5063.	.085	5590.	100.
NH7060.									
ET							9.11	4688.	5138.
X136029.			1.	1.	1.				
BT-32.	4165.5	85.	85.	4560.	80.	80.	4800.	75.	75.
BT	4940.	70.	70.	4988.	66.2	66.2	4988.01	68.58	66.2
BT	4992.7	68.38	65.3	4992.71	65.3	65.3	5000.	65.25	63.6
BT	5005.	66.35	60.2	5010.	68.1	59.5	5015.	68.1	58.97
BT	5015.01	68.1	58.97	5020.	68.1	58.99	5025.	68.12	59.
BT	5030.	68.23	59.62	5035.	68.39	59.03	5040.	68.55	59.05
BT	5045.	68.04	59.07	5050.	66.3	59.09	5052.	65.61	59.1
BT	5052.01	65.61	59.1	5055.	65.61	61.	5060.	65.61	65.43
BT	5063.	69.3	69.3	5102.	72.5	72.5	5152.	73.1	73.1
BT	5187.	73.39	73.39	5420.	76.	76.	5590.	77.	77.
BT	5639.99	77.	77.	5640.	95.	95.			
NH5.	.15	4800.	.11	4988.	.048	5063.	.085	5590.	100.
NH7060.									
ET							9.11	4688.	5138.
X136043.			14.	14.	14.				
X2					1.				
NH5.	.15	4800.	.11	4988.	.048	5063.	.085	5590.	100.
NH7060.									
ET							9.1	4688.	5138.
X136044.			1.	1.	1.				
X310.							63.6	69.3	
NH5.	.15	4800.	.11	4988.	.048	5063.	.085	5590.	100.
NH7060.									
ET							9.1	4688.	5138.
X136093.			49.	49.	49.			.19	
NC.1	.1	.05	.1	.3					
NH5.	.15	5900.	.11	6035.	.048	6112.	.085	6300.	100.
NH6820.									
ET							9.1	5645.	6105.
X136260.16.	6035.	6112.	167.	142.	167.				
GR83.	5400.	80.	5580.	75.	5720.	65.2	5800.	66.	5900.
GR66.6	6000.	68.2	6035.	57.1	6045.	56.9	6069.	57.6	6093.
GR72.7	6112.	77.7	6125.	77.6	6300.	76.6	6400.	76.4	6500.

BT	5035.01	65.62	64.37	5095.01	65.75	5095.01	65.75
BT	5100.	70.	70.1	5110.	69.4	5110.	69.9
BT	5115.	72.1	72.1	5150.	77.45	5150.	77.45
BT	5035.	80.	80.				
NH4.	.15	4800.	.11	5000.	.048	.085	5365.
ET				1:25	1.25	9.11	4605.
X137191.				5000.	.048		5105.
X137182.	.15	4800.	.11	1.	1.	.035	5365.
X310.				5000.	5100.	9.1	4605.
NC				1.	1.	65.62	65.75
NH4.	.15	4800.	.11	.5	.048	.085	5365.
ET				5000.	5120.	9.1	4604.
X137228.50.		5000.	5120.	47.	47.	74.17	76.21
X310.							
X41.	75.	4000.	4800.	70.	4850.	4900.	70.
GR80.	3950.	68.	5000.	73.31	5001.	5002.5	72.01
GR73.33	4999.99	73.33	5015.	69.2	5020.	5025.	68.7
GR70.32	5010.	69.1	5038.75	66.7	5038.76	5039.5	66.7
GR66.	5035.	66.7	5040.51	66.7	5041.25	5041.26	63.6
GR66.7	5040.5	66.7	5055.	59.7	5060.	5065.	59.
GR60.5	5050.	59.9	5078.75	59.8	5078.76	5079.5	59.8
CR59.	5075.	59.8	5080.51	59.8	5081.25	5081.26	60.3
GR59.8	5080.5	59.8	5095.	70.	5100.	5105.	69.9
GR61.8	5090.	65.6	5120.	73.2	5123.01	5150.	80.
GR72.1	5115.	73.2	.11	5000.	.048	.085	5365.
NH4.	.15	4800.				9.11	4604.
ET							5154.
X137229.							
BT-51.	3950.	80.	80.	1.	1.	4800.	74.17
BT	4850.	74.62	70.	75.	75.	4950.	75.63
BT	4999.99	76.18	73.33	73.33	73.33	5001.	78.88
BT	5002.5	78.83	73.26	73.18	73.18	5010.	78.75
BT	5015.	78.75	73.18	73.18	73.18	5025.	78.75
BT	5030.	78.75	73.18	73.18	73.18	5038.75	78.8
BT	5038.76	78.8	70.73	70.73	70.73	5039.51	78.8
BT	5040.5	78.8	66.7	70.73	70.73	5041.25	78.8
BT	5041.26	78.8	73.23	73.21	73.21	5050.	78.75
BT	5055.	78.77	73.2	73.2	73.2	5065.	78.78
BT	5070.	78.78	73.21	73.21	73.21	5078.75	78.79
BT	5078.76	78.79	70.72	70.72	70.72	5079.51	78.79
BT	5080.5	78.79	59.8	70.72	70.72	5081.25	78.79
BT	5081.26	78.79	73.22	73.24	73.24	5090.	78.78
BT	5095.	78.74	73.17	73.19	73.19	5105.	78.73
BT	5110.	78.74	73.14	73.18	73.18	5120.	78.93
BT	5120.01	76.21	73.2	77.45	77.45	5365.	80.
NH4.	.15	4800.	.11	5000.	.048	.085	5365.
ET				41.5	41.5	9.11	4604.
X137271.							5160.
X2				1.	1.	.085	5365.
NH4.	.15	4800.	.11	5000.	.048	9.1	4604.
ET							5160.
X137272.							
X310.				1.	1.	74.17	76.21
NH4.	.15	4800.	.11	5000.	.048	.085	5365.
ET						9.1	4604.
X137391.				119.	119.	.32	5160.
NC.1	.1	.05	.1				
NH6.	.15	5380.	.11	5552.5	.048	.085	5705.
NH5830.	100.	5830.01					100.

ET								10.41		
X137740.27.	5552.5	5621.5	446.75	34.25	349.					
GR85. 5000.	80.	5030.	75.	5095.	70.	5115.	67.	5380.		
CR67.97 5552.5	67.47	5557.5	63.47	5564.5	61.87	5572.5	61.87	5577.5		
GR61.87 5582.5	61.47	5587.5	60.87	5592.5	60.67	5593.5	59.57	5597.5		
GR57.87 5602.5	58.17	5607.5	60.07	5613.5	64.67	5617.5	68.67	5621.5		
GR68.37 5627.5	65.	5652.	70.	5690.	75.	5705.	78.	5740.		
GR78. 5830.	98.	5830.01								
NC		.3	.5							
NH2. .048	5481.5	.085	5581.5							
X138265.80.	5000.	5481.5	490.5	545.5	545.					
X310.						84.76	83.06			
GR82.26 5000.	81.3	5005.	80.7	5010.	74.5	5023.5	74.5	5023.51		
GR74.5 5026.5	74.5	5026.51	71.3	5035.	70.5	5045.	70.4	5055.		
GR71.8 5072.5	71.8	5072.51	71.8	5077.5	71.8	5077.51	71.3	5085.		
GR71.1 5095.	70.9	5105.	70.6	5115.	70.5	5123.5	70.5	5123.51		
GR70.5 5127.5	70.5	5127.51	70.5	5135.	70.5	5145.	69.9	5155.		
GR69.3 5170.	69.	5173.5	69.	5173.51	69.	5176.5	69.	5176.51		
GR68.9 5180.	66.5	5195.	65.6	5199.5	65.6	5199.51	65.6	5200.5		
GR65.6 5200.51	64.8	5205.	63.5	5212.5	63.5	5212.51	63.5	5215.5		
GP63.5 5215.51	62.7	5220.	61.9	5225.	61.5	5230.	62.	5240.		
GR62.16 5245.	63.3	5250.	65.4	5255.	68.46	5260.	69.16	5265.		
GR69.36 5270.	69.16	5277.5	69.16	5277.51	69.16	5280.5	69.16	5280.51		
GR69.36 5290.	69.16	5300.	69.46	5310.	69.46	5315.5	69.46	5315.51		
GR69.46 5318.5	69.46	5318.51	69.86	5325.	69.86	5329.5	69.86	5329.51		
GR69.86 5330.5	69.86	5330.51	69.86	5335.	70.06	5340.	70.36	5350.		
GR70.76 5353.5	70.76	5353.51	70.76	5356.5	70.76	5356.51	71.56	5365.		
GR73.46 5370.	74.26	5375.	81.2	5381.5	83.06	5481.5	83.06	5581.5		
NH2. .048	5481.5	.085	5581.5							
X138286.		1.	1.	1.						
BT-80. 5000.	84.76	82.26	5005.	84.76	82.26	5010.	84.75	82.25		
BT 5023.5	84.66	82.16	5023.51	84.66	74.5	5026.5	84.66	74.5		
BT 5026.51	84.66	82.16	5035.	84.61	82.11	5045.	84.57	82.07		
BT 5055.	84.53	82.03	5072.5	84.45	81.95	5072.51	84.45	71.8		
BT 5077.5	84.45	71.8	5077.51	84.45	81.95	5085.	84.39	81.89		
BT 5095.	84.36	81.86	5105.	84.35	81.85	5115.	84.31	81.81		
BT 5123.5	84.29	81.79	5123.51	84.29	70.5	5127.5	84.29	70.5		
BT 5127.51	84.29	81.79	5135.	84.25	81.75	5145.	84.24	81.74		
BT 5155.	84.2	81.7	5170.	84.16	81.66	5173.5	84.13	81.63		
BT 5173.51	84.13	69.	5176.5	84.13	69.	5176.51	84.13	81.63		
BT 5180.	84.1	81.6	5195.	84.07	81.57	5199.5	84.1	81.6		
BT 5199.51	84.1	65.6	5200.5	84.1	65.6	5200.51	84.1	81.6		
BT 5205.	84.04	81.54	5212.5	84.04	81.53	5212.51	84.04	63.5		
BT 5215.5	87.59	63.5	5215.51	87.59	81.51	5220.	87.59	81.5		
BT 5225.	87.63	81.49	5230.	87.67	81.47	5240.	87.67	81.43		
BT 5245.	87.67	81.41	5250.	87.6	81.39	5255.	87.6	81.38		
BT 5260.	87.6	81.36	5265.	87.51	81.34	5270.	87.44	81.32		
BT 5277.5	87.39	81.32	5277.51	87.39	69.16	5280.5	83.82	69.16		
BT 5280.51	83.82	81.31	5290.	83.82	81.31	5300.	83.83	81.33		
BT 5310.	83.84	81.34	5315.5	83.83	81.33	5315.51	83.83	69.46		
BT 5318.5	83.83	69.46	5318.51	83.83	81.33	5325.	83.83	81.33		
BT 5329.5	83.82	81.32	5329.51	83.82	69.86	5330.5	83.82	69.86		
BT 5330.51	83.82	81.32	5335.	83.83	81.33	5340.	83.82	81.32		
BT 5350.	83.8	81.3	5353.5	83.8	81.3	5353.51	83.8	70.76		
BT 5356.5	83.8	70.76	5356.51	83.8	81.3	5365.	83.76	81.26		
BT 5370.	83.73	81.23	5375.	83.7	81.2	5381.5	83.7	81.2		
BT 5481.5	83.06	83.06	5581.5	83.06	83.06					
NH2. .048	5481.5	.085	5581.5							
X138303.		17.	17.	17.						
X2										
NH2. .048	5481.5	.085	5581.5							
X138304.		1.	1.	1.						

84.76 83
X138503. .048 5481.5 .085 5581.5
199. 199. .32

2J
T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
T3 LOWER CREEK, 100-YR FLOODWAY DATE: 01/31/86
J1 8.0 79.68

J22.0 -1.
T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
T3 LOWER CREEK, DATE: 01/31/86 10-YEAR EVENT
J1 3.0 .001073 79.68

J23.0 -1.
T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
T3 LOWER CREEK, DATE: 01/31/86 50-YEAR EVENT
J1 5.0 .001073 79.68

J24.0 -1.
T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
T3 LOWER CREEK, DATE: 01/31/86 100-YEAR EVENT
J1 6.0 .001073 79.68

J25.0 -1.
T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
T3 LOWER CREEK, DATE: 01/31/86 500-YEAR EVENT
J1 7.0 .001073 79.68

J215. -1.

ER

Engineer : DLY
 Date : 1/31/86
 Input File : LW.OUT
 Output File : LW_MAP.OUT

SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
1750.00	29.41	367.60	371.54	739.14	5614.90	5614.90	5950.00	6015.00	6354.05	6354.04
	28.41	817.97	762.46	1580.43	5164.53	0.00	5950.00	6015.00	0.00	6744.96
	31.62	938.37	878.84	1817.21	5044.13	0.00	5950.00	6015.00	0.00	6861.34
3640.00	31.42	357.50	292.50	650.00	5472.00	5472.00	5785.50	5873.50	6122.00	6122.00
	30.48	810.46	1355.99	2166.45	5019.04	0.00	5785.50	5873.50	0.00	7185.49
	33.74	816.98	1376.39	2193.37	5012.52	0.00	5785.50	5873.50	0.00	7205.89
4680.00	32.98	59.25	440.75	500.00	5653.00	5653.00	5678.50	5746.00	6153.00	6153.00
	32.13	142.56	625.44	768.01	5569.69	0.00	5678.50	5746.00	0.00	6337.69
	35.59	555.84	644.51	927.08	5156.41	0.00	5678.50	5746.00	0.00	6356.76
5635.60	34.13	77.50	422.50	500.00	4960.00	4960.00	4980.00	5095.00	5460.00	5460.00
	33.22	408.98	666.40	1075.38	4628.52	0.00	4980.00	5095.00	0.00	5703.90
	36.92	488.44	706.17	1194.61	4549.06	0.00	4980.00	5095.00	0.00	5743.67
5918.60	34.23	70.50	429.50	500.00	4967.00	4967.00	4980.00	5095.00	5467.00	5467.00
	33.30	406.65	665.51	1072.15	4630.85	0.00	4980.00	5095.00	0.00	5703.01
	37.01	487.56	705.08	1192.64	4549.94	0.00	4980.00	5095.00	0.00	5742.58
5919.60	34.21	174.50	325.50	500.00	4861.00	4861.00	4950.00	5121.00	5361.00	5361.00
	33.27	403.94	667.24	1071.18	4631.56	0.00	4950.00	5121.00	0.00	5702.74
	37.00	485.58	707.10	1192.69	4549.92	0.00	4950.00	5121.00	0.00	5742.60
5940.40	34.25	189.50	310.50	500.00	4846.00	4846.00	4950.00	5121.00	5346.00	5346.00
	33.31	404.79	667.56	1072.35	4630.71	0.00	4950.00	5121.00	0.00	5703.06
	37.02	485.72	707.27	1192.99	4549.78	0.00	4950.00	5121.00	0.00	5742.77
5941.40	34.32	97.50	402.50	500.00	4940.00	4940.00	4980.00	5095.00	5440.00	5440.00
	33.42	409.66	666.66	1076.31	4627.84	0.00	4980.00	5095.00	0.00	5704.16
	37.04	487.82	705.41	1193.23	4549.68	0.00	4980.00	5095.00	0.00	5742.91
6011.40	34.37	67.50	432.50	500.00	4970.00	4970.00	4980.00	5095.00	5470.00	5470.00
	33.46	409.84	666.73	1076.57	4627.66	0.00	4980.00	5095.00	0.00	5704.23
	37.10	488.18	705.85	1194.03	4549.32	0.00	4980.00	5095.00	0.00	5743.35
9750.00	35.29	619.58	367.80	987.38	5322.92	5322.92	5897.50	5987.50	6310.30	6310.30
	34.32	810.66	473.84	1284.50	5131.84	0.00	5897.50	5987.50	0.00	6416.34
	38.03	850.28	486.06	1336.34	5092.22	0.00	5897.50	5987.50	0.00	6428.56
11287.00	35.58	294.65	591.66	886.30	4747.35	4747.35	5000.00	5084.00	5633.66	5633.66
	34.61	446.20	732.44	1178.64	4595.80	0.00	5000.00	5084.00	0.00	5774.44
	38.32	461.68	767.29	1228.97	4580.32	0.00	5000.00	5084.00	0.00	5809.29
13337.00	36.83	612.26	42.00	654.27	4429.74	4429.74	5000.00	5084.00	5084.00	5084.00
	35.89	1817.50	92.58	1910.03	3224.50	0.00	5000.00	5084.00	0.00	5134.58
	39.43	1958.95	105.84	2064.79	3083.05	0.00	5000.00	5084.00	0.00	5147.84
15286.00	39.59	397.50	261.50	659.00	5280.00	5280.00	5647.50	5707.50	5939.00	5939.00
	38.64	677.50	605.57	1283.07	5000.00	0.00	5647.50	5707.50	0.00	6283.07
	41.63	677.50	635.89	1313.39	5000.00	0.00	5647.50	5707.50	0.00	6313.39

Engineer : DLY
 Date : 1/31/86
 Input File : LW.OUT
 Output File : LW_MAP.OUT

SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
16450.00	41.50	818.00	57.00	875.00	5130.00	5130.00	5907.00	5989.00	6005.00	6005.00
	40.51	919.91	223.91	1143.81	5028.09	0.00	5907.00	5989.00	0.00	6171.91
	43.30	930.39	234.39	1164.77	5017.61	0.00	5937.00	5989.00	0.00	6182.39
18692.00	44.06	372.15	77.85	450.00	4685.00	4685.00	5000.00	5114.31	5135.00	5135.00
	43.10	631.80	201.84	833.65	4425.35	0.00	5000.00	5114.31	0.00	5258.99
	45.93	692.99	231.68	924.66	4364.16	0.00	5000.00	5114.31	0.00	5288.83
19134.00	44.76	367.15	82.85	450.00	4690.00	4690.00	5000.00	5114.31	5140.00	5140.00
	43.75	635.04	203.71	838.75	4422.11	0.00	5000.00	5114.31	0.00	5260.86
	46.56	695.96	233.09	929.05	4361.19	0.00	5000.00	5114.31	0.00	5290.24
19164.00	47.41	357.15	72.85	430.00	4700.00	4700.00	5000.00	5114.31	5130.00	5130.00
	47.16	708.90	239.20	948.10	4348.25	0.00	5000.00	5114.31	0.00	5296.35
	49.29	745.75	287.93	1033.67	4311.40	0.00	5000.00	5114.31	0.00	5345.08
19274.00	47.49	347.15	62.85	410.00	4710.00	4710.00	5000.00	5114.31	5120.00	5120.00
	47.20	706.01	237.84	943.85	4351.14	0.00	5000.00	5114.31	0.00	5294.99
	49.36	744.12	279.39	1023.51	4313.03	0.00	5000.00	5114.31	0.00	5336.54
21190.00	49.48	525.00	175.00	700.00	6065.00	6065.00	6550.00	6630.00	6765.00	6765.00
	48.61	1568.75	330.24	1898.99	5021.25	0.00	6550.00	6630.00	0.00	6920.24
	50.98	1583.59	351.02	1934.61	5006.41	0.00	6550.00	6630.00	0.00	6941.02
23320.00	52.44	170.00	585.00	755.00	5150.00	5150.00	5280.00	5360.00	5905.00	5905.00
	51.42	245.61	713.44	959.05	5074.39	0.00	5280.00	5360.00	0.00	6033.44
	53.79	271.79	744.39	1016.18	5048.21	0.00	5280.00	5360.00	0.00	6064.39
24385.00	53.83	44.50	555.50	600.00	5000.00	5000.00	5000.00	5089.00	5600.00	5600.00
	53.20	48.35	1334.34	1382.68	4996.15	0.00	5000.00	5039.00	0.00	6378.84
	55.76	53.52	1353.52	1407.05	4990.98	0.00	5000.00	5089.00	0.00	6398.02
24390.00	53.68	41.00	559.00	600.00	5000.00	5000.00	5000.00	5082.00	5600.00	5600.00
	53.16	44.79	1337.42	1382.20	4996.21	0.00	5000.00	5082.00	0.00	6378.42
	55.76	50.05	1357.05	1407.11	4990.95	0.00	5000.00	5082.00	0.00	6398.05
25455.00	56.10	287.00	215.00	502.00	5200.00	5200.00	5440.00	5534.00	5702.00	5702.00
	55.09	447.70	508.35	956.05	5039.30	0.00	5440.00	5534.00	0.00	5995.35
	57.63	468.05	518.53	986.58	5018.95	0.00	5440.00	5534.00	0.00	6005.53
27385.00	59.27	60.00	505.00	565.00	5145.00	5145.00	5145.00	5265.00	5710.00	5710.00
	58.26	90.99	857.11	948.10	5114.01	0.00	5145.00	5265.00	0.00	6062.11
	61.17	91.00	894.33	985.33	5114.00	0.00	5145.00	5265.00	0.00	6099.33
27422.00	59.14	54.75	515.25	570.00	4973.00	4973.00	4991.00	5064.50	5543.00	5543.00
	58.14	178.08	742.11	920.19	4849.67	0.00	4991.00	5064.50	0.00	5769.86
	61.07	186.97	780.69	967.65	4840.78	0.00	4991.00	5064.50	0.00	5808.44
27605.00	59.71	54.75	515.25	570.00	4973.00	4973.00	4991.00	5064.50	5543.00	5543.00
	58.74	179.61	752.03	931.65	4848.14	0.00	4991.00	5064.50	0.00	5779.78
	61.64	189.30	785.36	974.66	4838.45	0.00	4991.00	5064.50	0.00	5813.11

Engineer : DLY
 Date : 1/31/86
 Input File : LW.OUT
 Output File : LW_MAP.OUT

SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
27606.00	59.98	54.75	515.25	570.00	4973.00	4973.00	4991.00	5064.50	5543.00	5543.00
	59.00	180.27	756.26	936.53	4847.48	0.00	4991.00	5064.50	0.00	5784.01
	61.93	190.48	787.71	978.18	4837.27	0.00	4991.00	5064.50	0.00	5815.46
27614.00	60.01	54.75	515.25	570.00	4973.00	4973.00	4991.00	5064.50	5543.00	5543.00
	59.02	180.31	756.53	936.85	4847.44	0.00	4991.00	5064.50	0.00	5784.28
	61.95	190.54	787.83	978.37	4837.21	0.00	4991.00	5064.50	0.00	5815.58
27615.00	59.92	54.75	515.25	570.00	4973.00	4973.00	4991.00	5064.50	5543.00	5543.00
	58.94	180.11	755.22	935.33	4847.64	0.00	4991.00	5064.50	0.00	5782.97
	61.85	190.16	787.07	977.22	4837.59	0.00	4991.00	5064.50	0.00	5814.82
27660.00	60.08	54.75	515.25	570.00	4973.00	4973.00	4991.00	5064.50	5543.00	5543.00
	59.08	180.29	756.38	936.67	4847.46	0.00	4991.00	5064.50	0.00	5784.13
	62.00	190.46	787.67	978.13	4837.29	0.00	4991.00	5064.50	0.00	5815.42
28654.00	61.22	56.00	489.00	545.00	4990.00	4990.00	5000.00	5092.00	5535.00	5535.00
	60.24	60.92	797.39	858.30	4985.08	0.00	5000.00	5092.00	0.00	5843.39
	63.18	69.75	826.84	896.59	4976.25	0.00	5000.00	5092.00	0.00	5872.84
28929.00	61.58	46.00	514.00	560.00	5000.00	5000.00	5000.00	5092.00	5560.00	5560.00
	60.57	60.72	796.74	857.46	4985.28	0.00	5000.00	5092.00	0.00	5842.74
	63.53	69.59	826.29	895.68	4976.41	0.00	5000.00	5092.00	0.00	5872.29
28930.00	61.83	46.00	514.00	560.00	5000.00	5000.00	5000.00	5092.00	5560.00	5560.00
	60.84	61.51	799.37	860.88	4984.49	0.00	5000.00	5092.00	0.00	5845.37
	63.85	70.56	829.55	900.11	4975.44	0.00	5000.00	5092.00	0.00	5875.55
28931.00	61.83	46.00	514.00	560.00	5000.00	5000.00	5000.00	5092.00	5560.00	5560.00
	60.84	61.51	799.38	860.89	4984.49	0.00	5000.00	5092.00	0.00	5845.38
	63.86	70.57	829.55	900.12	4975.43	0.00	5000.00	5092.00	0.00	5875.55
28932.00	61.74	46.00	514.00	560.00	5000.00	5000.00	5000.00	5092.00	5560.00	5560.00
	60.75	61.24	798.46	859.70	4984.76	0.00	5000.00	5092.00	0.00	5844.46
	63.74	70.23	828.42	898.65	4975.77	0.00	5000.00	5092.00	0.00	5874.42
28999.00	61.84	46.00	514.00	560.00	5000.00	5000.00	5000.00	5092.00	5560.00	5560.00
	60.84	61.21	798.38	859.59	4984.79	0.00	5000.00	5092.00	0.00	5844.38
	63.84	70.21	828.37	898.58	4975.79	0.00	5000.00	5092.00	0.00	5874.37
29965.00	62.97	51.50	548.50	600.00	5004.00	5004.00	5004.00	5107.00	5604.00	5604.00
	61.98	132.35	800.37	932.72	4923.15	0.00	5004.00	5107.00	0.00	5855.87
	65.00	185.57	824.51	1010.08	4869.93	0.00	5004.00	5107.00	0.00	5880.01
31000.00	64.67	45.50	324.50	370.00	5236.00	5236.00	5236.00	5327.00	5606.00	5606.00
	63.63	62.68	478.48	541.15	5218.82	0.00	5236.00	5327.00	0.00	5759.98
	66.58	69.66	501.40	571.06	5211.84	0.00	5236.00	5327.00	0.00	5782.90
31300.00	65.85	48.25	280.00	328.29	5066.71	5065.00	5065.00	5165.00	5395.00	5395.00
	65.09	47.37	455.51	502.89	5067.61	0.00	5065.00	5165.00	0.00	5573.51
	68.24	86.27	472.33	558.59	5028.73	0.00	5065.00	5165.00	0.00	5587.33

Engineer : DLY
 Date : 1/31/86
 Input File : LW.OUT
 Output File : LW_MAP.OUT

SECCO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
32321.00	68.15	37.50	347.50	385.00	5000.00	5000.00	5000.00	5075.00	5385.00	5385.00
	67.31	72.24	519.87	592.10	4965.26	0.00	5000.00	5075.00	0.00	5557.37
	70.67	134.34	587.38	721.72	4903.16	0.00	5000.00	5075.00	0.00	5624.88
32692.00	68.22	41.50	41.50	82.00	5000.00	5000.00	5000.00	5083.00	5235.00	5083.00
	67.23	41.50	41.50	83.00	5000.00	0.00	5000.00	5083.00	0.00	5083.00
	69.95	68.51	41.50	110.01	4972.99	0.00	5000.00	5083.00	0.00	5083.00
32693.00	68.05	51.50	48.50	100.00	4990.00	4990.00	5000.00	5083.00	5090.00	5090.00
	67.04	58.61	62.77	121.38	4982.89	0.00	5000.00	5083.00	0.00	5104.27
	73.06	180.27	307.59	487.86	4861.23	0.00	5000.00	5083.00	0.00	5349.09
32718.00	68.22	46.50	53.50	100.00	4995.00	4995.00	5000.00	5083.00	5095.00	5095.00
	67.28	59.41	64.42	123.83	4982.09	0.00	5000.00	5083.00	0.00	5105.92
	75.54	275.00	385.00	660.00	4766.50	0.00	5000.00	5083.00	0.00	5426.50
32719.00	68.78	46.50	41.50	88.00	4995.00	4995.00	5000.00	5083.00	5115.00	5083.00
	67.93	41.50	41.50	83.00	5000.00	0.00	5000.00	5083.00	0.00	5083.00
	75.57	275.00	385.00	660.00	4766.50	0.00	5000.00	5083.00	0.00	5426.50
32796.00	67.99	35.97	38.96	74.93	5004.03	5000.00	5010.00	5070.00	5090.00	5078.96
	67.02	34.04	36.05	70.09	5005.96	0.00	5010.00	5070.00	0.00	5076.05
	74.12	40.82	49.12	89.94	4999.18	0.00	5010.00	5070.00	0.00	5079.12
32875.00	73.34	67.75	67.76	135.51	5000.00	5000.00	5000.00	5135.51	5135.51	5135.51
	73.74	358.94	1010.56	1369.50	4708.82	0.00	5000.00	5135.51	0.00	6078.32
	80.01	603.03	1794.75	2397.78	4464.72	0.00	5000.00	5135.51	0.00	6862.50
32907.00	73.34	67.75	67.76	135.51	5000.00	5000.00	5000.00	5135.51	5135.51	5135.51
	73.89	360.56	1025.77	1386.33	4707.19	0.00	5000.00	5135.51	0.00	6093.52
	80.09	605.49	1794.75	2400.24	4462.26	0.00	5000.00	5135.51	0.00	6862.50
32919.00	73.28	52.50	52.51	105.01	5000.00	5000.00	5000.00	5105.01	5105.01	5105.01
	73.89	345.34	1041.26	1386.60	4707.16	0.00	5000.00	5105.01	0.00	6093.76
	80.09	587.50	1810.00	2397.50	4465.00	0.00	5000.00	5105.01	0.00	6862.50
32931.00	73.29	52.50	52.50	105.00	5000.00	5000.00	5000.00	5105.01	5105.00	5105.00
	73.89	345.32	1041.06	1386.39	4707.18	0.00	5000.00	5105.01	0.00	6093.57
	80.09	587.50	1810.00	2397.50	4465.00	0.00	5000.00	5105.01	0.00	6862.50
32932.00	73.28	52.50	52.50	105.00	5000.00	5000.00	5000.00	5105.01	5105.00	5105.00
	73.97	346.19	1049.09	1395.28	4706.32	0.00	5000.00	5105.01	0.00	6101.60
	80.14	587.50	1810.00	2397.50	4465.00	0.00	5000.00	5105.01	0.00	6862.50
32933.00	73.28	52.50	52.51	105.01	5000.00	5000.00	5000.00	5105.01	5105.01	5105.01
	73.97	346.20	1049.12	1395.30	4706.31	0.00	5000.00	5105.01	0.00	6101.62
	80.14	587.50	1810.00	2397.50	4465.00	0.00	5000.00	5105.01	0.00	6862.50
32934.00	73.33	52.50	52.51	105.01	5000.00	5000.00	5000.00	5105.01	5105.01	5105.01
	73.94	345.87	1046.15	1392.02	4706.63	0.00	5000.00	5105.01	0.00	6098.66
	80.12	587.50	1810.00	2397.50	4465.00	0.00	5000.00	5105.01	0.00	6862.50

Engineer : DLY
 Date : 1/31/86
 Input File : LW.OUT
 Output File : LW_MAP.OUT

SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
33041.00	73.41	52.50	52.51	105.01	5000.00	5000.00	5000.00	5105.01	5105.01	5105.01
	73.96	339.87	990.33	1330.20	4712.64	0.00	5000.00	5105.01	0.00	6042.84
	80.13	567.66	1748.59	2316.26	4484.84	0.00	5000.00	5105.01	0.00	6801.10
33660.00	74.34	310.00	80.00	390.00	5630.00	5630.00	5905.00	5975.00	6020.00	6020.00
	74.22	935.81	822.24	1758.05	5004.19	0.00	5905.00	5975.00	0.00	6762.24
	80.26	980.00	1630.00	2610.00	4960.00	0.00	5905.00	5975.00	0.00	7570.00
33995.00	75.11	394.00	56.00	450.00	4650.00	4650.00	5000.00	5088.00	5100.00	5100.00
	74.29	665.66	885.63	1551.28	4378.34	0.00	5000.00	5088.00	0.00	5929.63
	80.27	698.00	1282.00	1980.00	4346.00	0.00	5000.00	5088.00	0.00	6326.00
34246.00	75.31	394.00	56.00	450.00	4650.00	4650.00	5000.00	5088.00	5100.00	5100.00
	74.45	665.81	887.40	1553.21	4378.19	0.00	5000.00	5088.00	0.00	5931.40
	80.37	698.00	1282.00	1980.00	4346.00	0.00	5000.00	5088.00	0.00	6326.00
34247.00	75.47	394.00	56.00	450.00	4650.00	4650.00	5000.00	5088.00	5100.00	5100.00
	74.56	666.25	892.33	1558.58	4377.75	0.00	5000.00	5088.00	0.00	5936.33
	80.44	698.00	1282.00	1980.00	4346.00	0.00	5000.00	5088.00	0.00	6326.00
34248.00	75.47	394.00	56.00	450.00	4650.00	4650.00	5000.00	5088.00	5100.00	5100.00
	74.56	666.25	892.36	1558.61	4377.75	0.00	5000.00	5088.00	0.00	5936.36
	80.44	698.00	1282.00	1980.00	4346.00	0.00	5000.00	5088.00	0.00	6326.00
34249.00	75.41	394.00	56.00	450.00	4650.00	4650.00	5000.00	5088.00	5100.00	5100.00
	74.52	666.10	890.58	1556.68	4377.90	0.00	5000.00	5088.00	0.00	5934.58
	80.42	698.00	1282.00	1980.00	4346.00	0.00	5000.00	5088.00	0.00	6326.00
34311.00	75.46	394.00	66.00	460.00	4650.00	4650.00	5000.00	5088.00	5110.00	5110.00
	74.56	665.99	889.42	1555.42	4378.01	0.00	5000.00	5088.00	0.00	5933.42
	80.44	698.00	1282.00	1980.00	4346.00	0.00	5000.00	5088.00	0.00	6326.00
34784.00	75.67	313.60	146.40	460.00	4725.00	4725.00	5000.00	5077.20	5185.00	5185.00
	74.67	345.45	522.05	887.50	4673.15	0.00	5000.00	5077.20	0.00	5560.65
	80.37	412.95	1125.00	1537.95	4625.65	0.00	5000.00	5077.20	0.00	6163.60
35069.00	76.02	228.60	231.40	460.00	4810.00	4810.00	5000.00	5077.20	5270.00	5270.00
	75.15	366.54	525.98	892.52	4672.06	0.00	5000.00	5077.20	0.00	5564.58
	81.04	415.57	1125.00	1540.57	4623.03	0.00	5000.00	5077.20	0.00	6163.60
35101.00	76.32	228.60	231.40	460.00	4810.00	4810.00	5000.00	5077.20	5270.00	5270.00
	75.29	367.69	530.11	897.79	4670.91	0.00	5000.00	5077.20	0.00	5568.71
	81.04	415.57	1125.00	1540.57	4623.03	0.00	5000.00	5077.20	0.00	6163.60
35171.00	76.41	178.60	281.40	460.00	4860.00	4860.00	5000.00	5077.20	5320.00	5320.00
	75.38	366.86	527.15	894.01	4671.74	0.00	5000.00	5077.20	0.00	5565.75
	81.12	414.67	1125.00	1539.67	4623.93	0.00	5000.00	5077.20	0.00	6163.60
35310.00	76.64	270.00	190.00	460.00	5425.00	5425.00	5660.00	5730.00	5885.00	5885.00
	75.60	680.95	588.40	1157.17	5014.05	0.00	5660.00	5730.00	0.00	6283.40
	81.23	688.56	1340.00	2028.56	5006.44	0.00	5660.00	5730.00	0.00	7035.00

Engineer : DLY
 Date : 1/31/86
 Input File : LW.OUT
 Output File : LW_MAP.OUT

SECO	CWSEL	LEFT	RIGHT	TWPWID	ESTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
35460.00	76.81	330.00	150.00	480.67	5167.00	5167.00	5415.00	5579.00	5647.00	5647.00
	75.87	476.33	910.26	1386.60	5020.67	0.00	5415.00	5579.00	0.00	6407.26
	81.44	518.01	1732.00	2100.00	4978.99	0.00	5415.00	5579.00	0.00	7229.00
35829.00	76.77	326.40	112.50	438.90	4679.10	4688.00	4988.00	5063.00	5138.00	5138.00
	75.79	279.03	414.08	693.11	4745.47	0.00	4988.00	5063.00	0.00	5439.58
	81.43	604.16	2034.50	2338.65	4421.34	0.00	4988.00	5063.00	0.00	7060.00
36028.00	76.94	318.54	112.50	431.04	4706.96	4688.00	4988.00	5063.00	5138.00	5138.00
	75.99	272.88	393.35	666.23	4752.62	0.00	4988.00	5063.00	0.00	5418.85
	81.50	583.77	2034.50	2318.26	4441.73	0.00	4988.00	5063.00	0.00	7060.00
36029.00	77.03	322.92	112.50	435.42	4702.58	4688.00	4988.00	5063.00	5138.00	5138.00
	76.13	279.76	416.68	696.44	4745.74	0.00	4988.00	5063.00	0.00	5442.18
	81.62	593.41	2034.50	2327.90	4432.09	0.00	4988.00	5063.00	0.00	7060.00
36043.00	77.10	326.47	112.50	438.97	4699.03	4688.00	4988.00	5063.00	5138.00	5138.00
	76.23	284.49	433.43	717.92	4741.01	0.00	4988.00	5063.00	0.00	5458.93
	81.63	594.13	2034.50	2328.61	4431.37	0.00	4988.00	5063.00	0.00	7060.00
36044.00	77.05	323.90	112.50	436.40	4701.60	4688.00	4988.00	5063.00	5138.00	5138.00
	76.15	280.52	419.35	699.86	4744.98	0.00	4988.00	5063.00	0.00	5444.85
	81.56	588.51	2034.50	2322.99	4437.00	0.00	4988.00	5063.00	0.00	7060.00
36093.00	77.08	316.38	112.50	428.88	4709.12	4688.00	4988.00	5063.00	5138.00	5138.00
	76.18	273.11	393.78	666.89	4752.39	0.00	4988.00	5063.00	0.00	5419.28
	81.57	575.35	2034.50	2309.83	4450.15	0.00	4988.00	5063.00	0.00	7060.00
36260.00	77.47	422.65	31.50	454.15	5650.85	5645.00	6035.00	6112.00	6105.00	6105.00
	76.60	398.32	466.62	587.13	5675.18	0.00	6035.00	6112.00	0.00	6540.12
	81.64	591.96	746.50	1334.46	5481.54	0.00	6035.00	6112.00	0.00	6820.00
36385.00	77.58	413.50	32.55	444.05	4623.00	4623.00	5000.00	5073.00	5073.00	5069.05
	76.77	547.84	362.08	717.06	4488.66	0.00	5000.00	5073.00	0.00	5398.58
	81.80	571.18	490.49	936.67	4465.32	0.00	5000.00	5073.00	0.00	5526.99
36386.00	77.59	413.50	32.55	446.05	4623.00	4623.00	5000.00	5073.00	5073.00	5069.05
	76.78	547.85	362.08	717.07	4483.65	0.00	5000.00	5073.00	0.00	5398.58
	81.80	571.19	490.49	936.67	4465.31	0.00	5000.00	5073.00	0.00	5526.99
36655.00	77.74	416.00	28.71	444.71	4618.00	4618.00	5000.00	5068.00	5068.00	5062.71
	76.93	980.23	315.77	1109.30	4053.77	0.00	5000.00	5068.00	0.00	5349.77
	81.91	1116.27	432.99	1424.26	3917.73	0.00	5000.00	5068.00	0.00	5166.99
36924.00	77.90	417.50	32.50	450.00	4615.00	4615.00	5000.00	5065.00	5065.00	5065.00
	77.05	1027.00	404.99	1431.99	4005.50	0.00	5000.00	5065.00	0.00	5437.49
	81.98	1162.06	404.99	1567.06	3870.44	0.00	5000.00	5065.00	0.00	5437.49
36925.00	77.89	417.50	32.50	450.00	4615.00	4615.00	5000.00	5065.00	5065.00	5065.00
	77.05	1026.86	404.99	1431.85	4005.64	0.00	5000.00	5065.00	0.00	5437.49
	81.98	1161.89	404.99	1566.88	3870.61	0.00	5000.00	5065.00	0.00	5437.49

Engineer : DLY
 Date : 1/31/86
 Input File : LW.OUT
 Output File : LW_MAP.OUT

SECD0	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
37179.00	77.97	445.00	55.00	500.00	4605.00	4605.00	5000.00	5100.00	5105.00	5105.00
	77.12	1071.30	97.74	1169.04	3978.70	0.00	5000.00	5100.00	0.00	5147.74
	82.02	1100.00	315.00	1415.00	3950.00	0.00	5000.00	5100.00	0.00	5365.00
37180.00	78.06	445.00	55.00	500.00	4605.00	4605.00	5000.00	5100.00	5105.00	5105.00
	77.19	1071.95	98.20	1170.15	3978.05	0.00	5000.00	5100.00	0.00	5148.20
	82.06	1100.00	315.00	1415.00	3950.00	0.00	5000.00	5100.00	0.00	5365.00
37181.00	78.06	445.00	55.00	500.00	4605.00	4605.00	5000.00	5100.00	5105.00	5105.00
	77.20	1071.95	98.20	1170.16	3978.05	0.00	5000.00	5100.00	0.00	5148.20
	82.06	1100.00	315.00	1415.00	3950.00	0.00	5000.00	5100.00	0.00	5365.00
37182.00	78.03	445.00	55.00	500.00	4605.00	4605.00	5000.00	5100.00	5105.00	5105.00
	77.17	1071.70	98.02	1169.73	3978.30	0.00	5000.00	5100.00	0.00	5148.02
	82.04	1100.00	315.00	1415.00	3950.00	0.00	5000.00	5100.00	0.00	5365.00
37228.00	78.08	456.00	94.00	550.00	4604.00	4604.00	5000.00	5120.00	5154.00	5154.00
	77.20	1081.98	88.22	1170.20	3978.02	0.00	5000.00	5120.00	0.00	5148.22
	82.06	1110.00	305.00	1415.00	3950.00	0.00	5000.00	5120.00	0.00	5365.00
37229.00	78.07	456.00	94.00	550.00	4604.00	4604.00	5000.00	5120.00	5154.00	5154.00
	77.06	1080.64	87.28	1167.92	3979.36	0.00	5000.00	5120.00	0.00	5147.28
	82.07	1110.00	305.00	1415.00	3950.00	0.00	5000.00	5120.00	0.00	5365.00
37271.00	78.22	456.00	100.00	556.00	4604.00	4604.00	5000.00	5120.00	5160.00	5160.00
	77.47	1084.72	91.88	1176.60	3975.28	0.00	5000.00	5120.00	0.00	5151.88
	82.13	1110.00	305.00	1415.00	3950.00	0.00	5000.00	5120.00	0.00	5365.00
37272.00	78.26	456.00	100.00	556.00	4604.00	4604.00	5000.00	5120.00	5160.00	5160.00
	77.72	1087.23	113.05	1200.29	3972.77	0.00	5000.00	5120.00	0.00	5173.05
	82.12	1110.00	305.00	1415.00	3950.00	0.00	5000.00	5120.00	0.00	5365.00
37391.00	78.33	456.00	100.00	556.00	4604.00	4604.00	5000.00	5120.00	5160.00	5160.00
	77.78	1090.97	144.56	1235.53	3969.03	0.00	5000.00	5120.00	0.00	5204.56
	82.15	1110.00	305.00	1415.00	3950.00	0.00	5000.00	5120.00	0.00	5365.00
37740.00	78.50	404.10	72.91	477.02	5182.90	5182.90	5552.50	5621.50	5659.92	5659.91
	77.90	529.76	151.89	681.65	5057.24	0.00	5552.50	5621.50	0.00	5738.89
	82.22	570.37	243.00	813.37	5016.63	0.00	5552.50	5621.50	0.00	5830.00
38285.00	78.71	226.39	138.41	364.80	5014.36	5000.00	5000.00	5481.50	5481.50	5379.16
	78.10	225.09	137.85	362.94	5015.66	0.00	5000.00	5481.50	0.00	5378.60
	82.39	240.75	204.98	445.73	5000.00	0.00	5000.00	5481.50	0.00	5445.73
38286.00	78.70	226.41	138.41	364.82	5014.34	5000.00	5000.00	5481.50	5481.50	5379.16
	78.09	225.08	137.84	362.92	5015.67	0.00	5000.00	5481.50	0.00	5378.59
	82.37	240.75	203.60	444.35	5000.00	0.00	5000.00	5481.50	0.00	5444.35
38303.00	78.70	226.40	138.41	364.81	5014.35	5000.00	5000.00	5481.50	5481.50	5379.16
	78.10	225.09	137.85	362.94	5015.66	0.00	5000.00	5481.50	0.00	5378.60
	82.39	240.75	204.40	445.15	5000.00	0.00	5000.00	5481.50	0.00	5445.15

Engineer : DLY
Date : 1/31/86
Input File : LW.OUT
Output File: LW_MAP.OUT

SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STGHL	STCHR	STENCR	ENDSTA
38304.00	78.73	226.46	138.44	364.90	5014.29	5000.00	5000.00	5481.50	5481.50	5379.19
	78.13	225.16	137.88	363.03	5015.59	0.00	5000.00	5481.50	0.00	5378.63
	82.46	240.75	208.66	449.41	5000.00	0.00	5000.00	5481.50	0.00	5449.41
38503.00	78.81	225.93	138.21	364.14	5014.82	5000.00	5000.00	5481.50	5481.50	5378.96
	78.23	224.69	137.68	362.37	5016.06	0.00	5000.00	5481.50	0.00	5378.43
	82.55	240.58	195.98	435.56	5000.17	0.00	5000.00	5481.50	0.00	5436.73

Engineer : DLY
 Date : 02/10/86
 Input File : LOW2.DJT
 Output File : LOW2.MAP

SECD	CMSL	LEFT	RIGHT	TOPWD	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
36925.00	77.89	417.50	32.50	450.00	4615.00	4615.00	5000.00	5065.00	5065.00	5065.00
	77.05	1026.75	404.99	1431.74	4005.75	0.00	5000.00	5065.00	0.00	5437.49
	81.98	1161.88	404.99	1566.87	3870.62	0.00	5000.00	5065.00	0.00	5437.49
37179.00	77.97	445.00	55.00	500.00	4605.00	4605.00	5000.00	5100.00	5105.00	5105.00
	77.12	1071.31	97.75	1169.05	3978.69	0.00	5000.00	5100.00	0.00	5147.75
	82.02	1100.00	315.00	1415.00	3950.00	0.00	5000.00	5100.00	0.00	5365.00
37180.00	78.05	445.00	55.00	500.00	4605.00	4605.00	5000.00	5100.00	5105.00	5105.00
	77.19	1071.94	98.19	1170.13	3978.06	0.00	5000.00	5100.00	0.00	5148.19
	82.06	1100.00	315.00	1415.00	3950.00	0.00	5000.00	5100.00	0.00	5365.00
37181.00	78.06	445.00	55.00	500.00	4605.00	4605.00	5000.00	5100.00	5105.00	5105.00
	77.19	1071.94	98.20	1170.14	3978.06	0.00	5000.00	5100.00	0.00	5148.20
	82.06	1100.00	315.00	1415.00	3950.00	0.00	5000.00	5100.00	0.00	5365.00
37182.00	78.02	445.00	55.00	500.00	4605.00	4605.00	5000.00	5100.00	5105.00	5105.00
	77.17	1071.70	98.02	1169.72	3978.30	0.00	5000.00	5100.00	0.00	5148.02
	82.05	1100.00	315.00	1415.00	3950.00	0.00	5000.00	5100.00	0.00	5365.00
37228.00	78.08	456.00	94.00	550.00	4604.00	4604.00	5000.00	5120.00	5154.00	5154.00
	77.20	1081.97	88.21	1170.18	3978.03	0.00	5000.00	5120.00	0.00	5148.21
	82.06	1110.00	305.00	1415.00	3950.00	0.00	5000.00	5120.00	0.00	5365.00
37229.00 VIRGINIA AVE. BRG	78.06	456.00	94.00	550.00	4604.00	4604.00	5000.00	5120.00	5154.00	5154.00
	77.37	1080.66	87.29	1167.95	3979.34	0.00	5000.00	5120.00	0.00	5147.29
	82.08	1110.00	305.00	1415.00	3950.00	0.00	5000.00	5120.00	0.00	5365.00
37271.00	78.21	456.00	100.00	556.00	4604.00	4604.00	5000.00	5120.00	5160.00	5160.00
	77.46	1084.62	91.05	1175.68	3975.23	0.00	5000.00	5120.00	0.00	5151.05
	82.13	1110.00	305.00	1415.00	3950.00	0.00	5000.00	5120.00	0.00	5365.00
37272.00	78.25	456.00	100.00	556.00	4604.00	4604.00	5000.00	5120.00	5160.00	5160.00
	77.71	1087.11	112.00	1199.11	3972.89	0.00	5000.00	5120.00	0.00	5172.00
	82.12	1110.00	305.00	1415.00	3950.00	0.00	5000.00	5120.00	0.00	5365.00
37391.00 DZG #6	78.32	456.00	100.00	556.00	4604.00	4604.00	5000.00	5120.00	5160.00	5160.00
	77.76	1090.84	143.43	1234.27	3969.16	0.00	5000.00	5120.00	0.00	5203.43
	82.15	1110.00	305.00	1415.00	3950.00	0.00	5000.00	5120.00	0.00	5365.00
37740.00 LCL	78.45	247.00	53.00	300.00	5340.00	5340.00	5552.50	5621.50	5640.00	5640.00
	77.88	529.56	151.71	681.27	5057.44	0.00	5552.50	5621.50	0.00	5738.71
	82.22	570.38	243.00	813.38	5016.62	0.00	5552.50	5621.50	0.00	5830.00
38285.00	78.77	155.00	105.00	260.00	5070.00	5070.00	5180.00	5270.00	5330.00	5330.00
	78.06	209.25	153.56	362.81	5015.75	0.00	5180.00	5270.00	0.00	5378.56
	82.36	225.00	218.91	443.91	5000.00	0.00	5180.00	5270.00	0.00	5443.91
38286.00 BRG. # HARRISON	78.76	155.00	105.00	260.00	5070.00	5070.00	5180.00	5270.00	5330.00	5330.00
	78.05	209.24	153.55	362.79	5015.76	0.00	5180.00	5270.00	0.00	5378.55
	82.33	225.00	217.37	442.37	5000.00	0.00	5180.00	5270.00	0.00	5442.37

Lower Creek
Part 2.

Engineer : DLY
 Date : 02/10/86
 Input File : LOW2.DAT
 Output File : LOW2.MAP

SECD	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
38303.00	78.77	155.00	105.00	260.00	5070.00	5070.00	5180.00	5270.00	5330.00	5330.00
	78.06	209.24	153.56	362.80	5015.76	0.00	5180.00	5270.00	0.00	5378.56
	82.35	225.00	218.05	443.05	5000.00	0.00	5180.00	5270.00	0.00	5443.05
38304.00	78.81	155.00	105.00	260.00	5070.00	5070.00	5180.00	5270.00	5330.00	5330.00
	78.09	209.32	153.59	362.90	5015.68	0.00	5180.00	5270.00	0.00	5378.59
	82.43	225.00	222.40	447.40	5000.00	0.00	5180.00	5270.00	0.00	5447.40
38503.00 BRG #6	78.91	155.00	105.00	260.00	5070.00	5070.00	5180.00	5270.00	5330.00	5330.00
	78.18	208.82	153.37	362.20	5016.18	0.00	5180.00	5270.00	0.00	5378.37
	82.49	224.52	208.55	433.07	5000.48	0.00	5180.00	5270.00	0.00	5433.55
39628.00 BRG #1	79.85	70.75	169.25	240.00	4950.00	4950.00	5000.00	5041.51	5190.00	5190.00
	79.07	136.27	434.25	570.51	4884.49	0.00	5000.00	5041.51	0.00	5455.00
	83.57	292.52	434.25	726.77	4728.23	0.00	5000.00	5041.51	0.00	5455.00
39789.00	80.34	70.75	169.25	240.00	4950.00	4950.00	5000.00	5041.51	5190.00	5190.00
	79.70	164.69	434.25	598.93	4856.07	0.00	5000.00	5041.51	0.00	5455.00
	83.95	294.95	434.25	729.20	4725.81	0.00	5000.00	5041.51	0.00	5455.00
39821.00 HARRISBURG BRIDGE	81.51	70.75	169.25	240.00	4950.00	4950.00	5000.00	5041.51	5190.00	5190.00
	80.56	205.44	434.25	639.69	4815.31	0.00	5000.00	5041.51	0.00	5455.00
	83.96	295.30	434.25	729.56	4725.45	0.00	5000.00	5041.51	0.00	5455.00
39860.00 BRG #4	81.59	70.75	169.25	240.00	4950.00	4950.00	5000.00	5041.51	5190.00	5190.00
	80.65	205.48	434.25	639.72	4815.28	0.00	5000.00	5041.51	0.00	5455.00
	84.04	295.12	434.25	729.38	4725.63	0.00	5000.00	5041.51	0.00	5455.00
41713.00 BRG #1	85.21	105.00	95.00	200.00	4930.00	4930.00	4999.99	5070.01	5130.00	5130.00
	84.71	485.00	456.39	941.39	4550.00	0.00	4999.99	5070.01	0.00	5491.39
	87.95	485.00	479.06	964.06	4550.00	0.00	4999.99	5070.01	0.00	5514.06
41988.00	85.92	105.00	95.00	200.00	4930.00	4930.00	4999.99	5070.01	5130.00	5130.00
	85.46	485.00	458.21	943.21	4550.00	0.00	4999.99	5070.01	0.00	5493.21
	88.66	485.00	480.61	965.61	4550.00	0.00	4999.99	5070.01	0.00	5515.61
41989.00 MALL BRIDGE	85.40	125.00	95.00	220.00	4910.00	4910.00	4999.99	5070.01	5130.00	5130.00
	85.16	485.00	456.13	941.13	4550.00	0.00	4999.99	5070.01	0.00	5491.13
	89.32	485.00	485.21	970.21	4550.00	0.00	4999.99	5070.01	0.00	5520.21
42021.00 #1	87.20	135.00	95.00	230.00	4900.00	4900.00	4999.99	5070.01	5130.00	5130.00
	86.82	485.00	467.76	952.76	4550.00	0.00	4999.99	5070.01	0.00	5502.76
	89.69	485.00	487.86	972.86	4550.00	0.00	4999.99	5070.01	0.00	5522.86
42022.00	87.79	203.88	36.12	240.00	4832.00	4832.00	5000.00	5071.76	5072.00	5072.00
	86.81	485.88	466.79	952.67	4550.00	0.00	5000.00	5071.76	0.00	5502.67
	89.52	485.88	485.78	971.66	4550.00	0.00	5000.00	5071.76	0.00	5521.66
42090.00 BRG #6	87.90	203.88	36.12	240.00	4832.00	4832.00	5000.00	5071.76	5072.00	5072.00
	86.93	485.88	467.42	953.30	4550.00	0.00	5000.00	5071.76	0.00	5503.30
	89.67	485.88	486.61	972.49	4550.00	0.00	5000.00	5071.76	0.00	5522.49

Engineer : DLY
 Date : 02/10/86
 Input File : L042.OUT
 Output File: L042.MAP

SECD	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
42387.00	88.41	154.50	85.50	240.00	4890.00	4890.00	4999.00	5090.00	5130.00	5130.00
	87.38	350.73	232.50	583.23	4693.77	0.00	4999.00	5090.00	0.00	5277.00
<i>BRG #1</i>	90.16	364.49	291.52	656.02	4680.01	0.00	4999.00	5090.00	0.00	5335.02
42662.00	88.73	154.50	85.50	240.00	4890.00	4890.00	4999.00	5090.00	5130.00	5130.00
	87.78	358.67	239.43	598.10	4685.83	0.00	4999.00	5090.00	0.00	5281.93
<i>MALL</i>	90.67	364.49	293.17	657.66	4680.01	0.00	4999.00	5090.00	0.00	5337.67
<i>BRG #2</i>	88.63	159.16	45.51	204.67	4885.34	4885.34	4999.00	5090.00	5090.01	5090.01
	87.81	359.43	240.09	599.51	4685.07	0.00	4999.00	5090.00	0.00	5284.59
42663.00	91.07	364.49	294.80	659.29	4680.01	0.00	4999.00	5090.00	0.00	5339.30
42716.00	89.37	183.50	45.50	229.00	4861.00	4861.00	4999.00	5090.00	5090.00	5090.00
	88.39	364.49	253.48	617.97	4680.01	0.00	4999.00	5090.00	0.00	5297.98
	91.47	364.49	296.38	660.87	4680.01	0.00	4999.00	5090.00	0.00	5340.88
42717.00	89.39	149.50	45.50	195.00	4895.00	4895.00	4999.00	5090.00	5090.00	5090.00
	88.36	364.49	252.79	617.28	4680.01	0.00	4999.00	5090.00	0.00	5297.29
	91.34	364.49	295.85	660.35	4680.01	0.00	4999.00	5090.00	0.00	5340.35
42785.00	89.47	149.50	45.50	195.00	4895.00	4895.00	4999.00	5090.00	5090.00	5090.00
	88.44	364.49	254.65	619.14	4680.01	0.00	4999.00	5090.00	0.00	5299.15
	91.44	364.49	296.27	660.76	4680.01	0.00	4999.00	5090.00	0.00	5340.77
42846.00	89.47	148.02	46.91	194.93	4887.24	4887.24	5000.00	5070.51	5082.17	5082.17
	88.46	355.24	264.23	619.48	4680.01	0.00	5000.00	5070.51	0.00	5299.48
	91.46	355.24	305.56	660.82	4680.01	0.00	5000.00	5070.51	0.00	5340.82
42847.00	89.70	181.62	42.16	223.79	4853.63	4853.63	5000.00	5070.51	5077.42	5077.42
	88.73	355.24	270.65	625.90	4680.01	0.00	5000.00	5070.51	0.00	5305.90
<i>PIPE</i>	91.94	355.24	307.52	662.77	4680.01	0.00	5000.00	5070.51	0.00	5342.78
42848.00	89.70	181.56	42.16	223.72	4853.69	4853.69	5000.00	5070.51	5077.41	5077.41
	88.74	355.24	270.66	625.91	4680.01	0.00	5000.00	5070.51	0.00	5305.92
	91.94	355.24	307.52	662.77	4680.01	0.00	5000.00	5070.51	0.00	5342.77
42849.00	89.65	163.87	40.15	204.01	4871.38	4871.38	5000.00	5070.51	5075.40	5075.40
	88.67	355.24	269.13	624.38	4680.01	0.00	5000.00	5070.51	0.00	5304.39
	91.82	355.24	307.02	662.27	4680.01	0.00	5000.00	5070.51	0.00	5342.27
42889.00	89.69	163.87	40.15	204.01	4871.38	4871.38	5000.00	5070.51	5075.40	5075.40
	88.71	355.24	269.13	624.38	4680.01	0.00	5000.00	5070.51	0.00	5304.39
	91.87	355.24	307.06	662.31	4680.01	0.00	5000.00	5070.51	0.00	5342.32
42898.00	89.87	171.66	45.01	216.67	4873.34	4873.34	5000.00	5090.00	5090.01	5090.01
	88.89	434.99	239.98	674.97	4610.01	0.00	5000.00	5090.00	0.00	5284.98
<i>BRG #1</i>	92.15	434.99	243.89	678.88	4610.01	0.00	5000.00	5090.00	0.00	5284.99
43173.00	90.08	169.83	45.01	214.84	4875.17	4875.17	5000.00	5090.00	5090.01	5090.01
	89.10	434.99	239.91	674.90	4610.01	0.00	5000.00	5090.00	0.00	5284.91
	92.38	434.99	243.86	678.85	4610.01	0.00	5000.00	5090.00	0.00	5284.86

Engineer : DLY
 Date : 02/10/86
 Input File : LDM2.OUT
 Output File: LDM2.WAP

SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
43174.00 MALLS #3	90.17	203.86	45.01	248.87	4841.14	4841.14	5000.00	5090.00	5090.01	5090.01
	89.22	434.99	240.06	675.05	4610.01	0.00	5000.00	5090.00	0.00	5285.06
	92.65	434.99	244.18	679.17	4610.01	0.00	5000.00	5090.00	0.00	5289.18
43206.00	90.34	206.93	45.01	251.94	4838.07	4838.07	5000.00	5090.00	5090.01	5090.01
	89.38	434.99	240.25	675.24	4610.01	0.00	5000.00	5090.00	0.00	5285.25
	92.77	434.99	244.32	679.31	4610.01	0.00	5000.00	5090.00	0.00	5289.32
43207.00	90.31	178.00	45.00	223.00	4867.00	4867.00	5000.00	5090.00	5090.00	5090.00
	89.33	434.99	240.20	675.19	4610.01	0.00	5000.00	5090.00	0.00	5285.20
	92.68	434.99	244.21	679.20	4610.01	0.00	5000.00	5090.00	0.00	5289.21
43275.00 BRG #6	90.35	170.55	45.01	215.56	4874.45	4874.45	5000.00	5090.00	5090.01	5090.01
	89.38	434.99	239.94	674.93	4610.01	0.00	5000.00	5090.00	0.00	5284.94
	92.72	434.99	243.96	678.55	4610.01	0.00	5000.00	5090.00	0.00	5288.96
43800.00 LCM	90.86	244.00	32.00	276.00	5900.00	5900.00	6112.50	6175.50	6176.00	6176.00
	89.87	1091.61	347.77	1439.39	5052.39	0.00	6112.50	6175.50	0.00	6491.77
	93.25	1126.51	375.51	1502.02	5017.49	0.00	6112.50	6175.50	0.00	6519.51
43932.00 PIPE #1	91.09	232.00	81.00	313.00	4805.00	4805.00	4999.00	5075.00	5118.00	5118.00
	90.13	795.14	391.76	1185.90	4241.86	0.00	4999.00	5075.00	0.00	5428.76
	93.54	877.00	446.34	1323.34	4160.00	0.00	4999.00	5075.00	0.00	5483.34
44228.00	91.24	232.00	81.00	313.00	4805.00	4805.00	4999.00	5075.00	5118.00	5118.00
	90.32	774.67	378.12	1152.79	4262.33	0.00	4999.00	5075.00	0.00	5415.12
	93.79	858.03	433.69	1291.72	4178.97	0.00	4999.00	5075.00	0.00	5470.69
44229.00 PIPE	91.42	232.00	81.00	313.00	4805.00	4805.00	4999.00	5075.00	5118.00	5118.00
	90.53	779.70	381.47	1161.16	4257.30	0.00	4999.00	5075.00	0.00	5418.47
	94.19	867.60	440.07	1307.66	4169.40	0.00	4999.00	5075.00	0.00	5477.07
44230.00	91.42	232.00	81.00	313.00	4805.00	4805.00	4999.00	5075.00	5118.00	5118.00
	90.53	779.72	381.48	1161.20	4257.28	0.00	4999.00	5075.00	0.00	5418.48
	94.19	867.61	440.07	1307.69	4169.39	0.00	4999.00	5075.00	0.00	5477.07
44231.00	91.36	232.00	81.00	313.00	4805.00	4805.00	4999.00	5075.00	5118.00	5118.00
	90.46	777.96	380.31	1158.26	4259.04	0.00	4999.00	5075.00	0.00	5417.31
	94.05	864.28	437.85	1302.13	4172.72	0.00	4999.00	5075.00	0.00	5474.85
44258.00 BRG #1	91.36	219.25	80.75	300.00	4818.00	4818.00	5000.00	5074.51	5118.00	5118.00
	90.46	778.28	380.09	1158.38	4258.97	0.00	5000.00	5074.51	0.00	5417.35
	94.06	864.69	437.70	1302.40	4172.56	0.00	5000.00	5074.51	0.00	5474.96
44259.00 MULBERRY	91.01	219.25	80.75	300.00	4818.00	4818.00	5000.00	5074.51	5118.00	5118.00
	90.04	768.32	373.45	1141.78	4268.93	0.00	5000.00	5074.51	0.00	5410.71
	93.93	861.51	435.59	1297.09	4175.74	0.00	5000.00	5074.51	0.00	5472.84
57 BRG 44300.00	91.48	219.25	80.75	300.00	4818.00	4818.00	5000.00	5074.51	5118.00	5118.00
	90.60	781.80	382.45	1164.24	4255.45	0.00	5000.00	5074.51	0.00	5419.70
	94.59	877.39	446.18	1323.57	4159.86	0.00	5000.00	5074.51	0.00	5483.43

Engineer : DLY
 Date : 02/10/86
 Input File : LOW2.OUT
 Output File : LOW2.MAP

SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
44301.00	92.34	219.25	80.75	300.00	4818.00	4818.00	5000.00	5074.51	5118.00	5118.00
	91.61	805.99	398.58	1204.57	4231.26	0.00	5000.00	5074.51	0.00	5435.83
	94.84	883.49	450.23	1333.73	4153.76	0.00	5000.00	5074.51	0.00	5487.49
44356.00 BRG #6	92.37	219.25	80.75	300.00	4818.00	4818.00	5000.00	5074.51	5118.00	5118.00
	91.65	805.06	397.95	1203.02	4232.19	0.00	5000.00	5074.51	0.00	5435.21
	94.90	883.08	449.97	1333.06	4154.17	0.00	5000.00	5074.51	0.00	5487.22
45040.00 BRG #1	92.85	204.01	95.99	300.00	4870.00	4870.00	5000.00	5148.02	5170.00	5170.00
	92.17	602.72	380.72	983.44	4471.29	0.00	5000.00	5148.02	0.00	5454.73
	95.70	687.14	389.62	1076.75	4386.87	0.00	5000.00	5148.02	0.00	5463.63
45497.00 US 321 A BRIDGE	92.97	204.01	95.99	300.00	4870.00	4870.00	5000.00	5148.02	5170.00	5170.00
	92.26	593.02	379.90	972.93	4480.99	0.00	5000.00	5148.02	0.00	5453.91
	95.79	682.64	389.72	1071.35	4391.37	0.00	5000.00	5148.02	0.00	5462.73
45522.00	93.54	204.01	95.99	300.00	4870.00	4870.00	5000.00	5148.02	5170.00	5170.00
	92.92	612.02	381.50	993.31	4461.99	0.00	5000.00	5148.02	0.00	5455.51
	96.16	687.73	387.74	1077.47	4236.28	0.00	5000.00	5148.02	0.00	5463.75
45636.00 BRG #4	93.60	204.01	95.99	300.00	4870.00	4870.00	5000.00	5148.02	5170.00	5170.00
	92.93	604.86	380.90	985.76	4469.15	0.00	5000.00	5148.02	0.00	5454.91
	96.16	683.98	388.99	1072.97	4390.03	0.00	5000.00	5148.02	0.00	5463.00
45770.00 LCN	93.62	192.77	44.66	237.43	5350.23	5350.23	5508.00	5578.00	5587.66	5587.66
	92.99	492.89	560.97	1053.85	5050.11	0.00	5508.00	5578.00	0.00	6103.97
	96.28	520.67	570.84	1091.51	5022.33	0.00	5508.00	5578.00	0.00	6113.84
45874.00 BRG #1	93.65	162.34	87.02	249.37	4861.67	4861.67	5000.00	5048.01	5111.03	5111.03
	93.01	973.27	462.27	1435.54	4050.74	0.00	5000.00	5048.01	0.00	5485.28
	96.31	1125.44	497.98	1523.43	3898.56	0.00	5000.00	5048.01	0.00	5521.99
45875.00 BRG #0	93.75	173.46	103.04	276.50	4850.54	4850.54	5000.00	5048.01	5127.04	5127.04
	93.05	975.32	462.73	1438.06	4048.68	0.00	5000.00	5048.01	0.00	5485.74
	96.36	1127.00	498.59	1625.60	3897.00	0.00	5000.00	5048.01	0.00	5522.60
45885.00	93.75	173.46	103.05	276.51	4850.54	4850.54	5000.00	5048.01	5127.05	5127.05
	93.06	975.46	462.77	1438.23	4048.54	0.00	5000.00	5048.01	0.00	5485.77
	96.37	1127.09	498.63	1625.72	3896.92	0.00	5000.00	5048.01	0.00	5522.64
45886.00	93.72	162.70	87.62	250.32	4861.30	4861.30	5000.00	5048.01	5111.62	5111.62
	93.04	975.13	462.69	1437.83	4048.87	0.00	5000.00	5048.01	0.00	5485.70
	96.35	1126.52	498.41	1624.94	3897.48	0.00	5000.00	5048.01	0.00	5522.42
45919.00	93.73	160.47	94.15	254.62	4859.53	4859.53	5000.00	5040.00	5114.15	5114.15
	93.05	971.20	466.71	1437.92	4048.80	0.00	5000.00	5040.00	0.00	5485.71
	96.35	1122.80	502.53	1625.32	3897.20	0.00	5000.00	5040.00	0.00	5522.53
45920.00 PIPE	93.81	167.75	104.63	272.37	4852.25	4852.25	5000.00	5040.00	5124.63	5124.63
	93.08	972.75	467.06	1439.82	4047.25	0.00	5000.00	5040.00	0.00	5487.06
	96.40	1124.04	503.02	1627.06	3895.96	0.00	5000.00	5040.00	0.00	5523.02

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Engineer : DLY
 Date : 02/10/86
 Input File : LDM2.OUT
 Output File : LDM2.MAP

SECD	CMSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
45921.00	93.81	167.75	104.63	272.38	4852.25	4852.25	5000.00	5040.00	5124.63	5124.63
	93.08	972.76	467.07	1439.83	4047.24	0.00	5000.00	5040.00	0.00	5487.07
	96.40	1124.05	503.02	1627.07	3895.93	0.00	5000.00	5040.00	0.00	5523.02
45922.00	93.78	160.66	94.47	255.13	4859.34	4859.34	5000.00	5040.00	5114.47	5114.47
	93.07	972.46	467.00	1439.46	4047.54	0.00	5000.00	5040.00	0.00	5487.00
	96.38	1123.81	502.93	1626.74	3896.19	0.00	5000.00	5040.00	0.00	5522.93
45944.00 PIPE #6	93.79	160.37	93.99	254.36	4859.63	4859.63	5000.00	5040.00	5113.99	5113.99
	93.08	970.50	466.56	1437.06	4049.50	0.00	5000.00	5040.00	0.00	5486.56
	96.39	1122.65	502.47	1625.12	3897.35	0.00	5000.00	5040.00	0.00	5522.47
46220.00 BRG #1	93.90	170.89	109.19	280.08	4848.61	4848.61	5000.00	5039.01	5128.69	5128.69
	93.15	310.89	878.30	1189.20	4708.61	0.00	5000.00	5039.01	0.00	5897.81
	96.47	319.50	993.60	1313.30	4700.00	0.00	5000.00	5039.01	0.00	6013.30
46375.00	93.97	173.50	110.87	284.38	4846.00	4846.00	5000.00	5039.01	5130.38	5130.38
	93.19	309.92	870.02	1179.55	4709.98	0.00	5000.00	5039.01	0.00	5889.53
	96.52	319.50	984.98	1304.48	4700.00	0.00	5000.00	5039.01	0.00	6004.48
46376.00 BRG # P	94.09	185.16	122.73	307.89	4834.34	4834.34	5000.00	5039.01	5142.23	5142.23
	93.24	309.82	871.83	1181.65	4709.68	0.00	5000.00	5039.01	0.00	5891.33
	96.57	319.50	987.12	1306.63	4700.00	0.00	5000.00	5039.01	0.00	6006.63
46383.00	94.10	185.17	122.73	307.90	4834.33	4834.33	5000.00	5039.01	5142.23	5142.23
	93.24	309.84	871.91	1181.76	4709.67	0.00	5000.00	5039.01	0.00	5891.42
	96.58	319.50	987.22	1306.72	4700.00	0.00	5000.00	5039.01	0.00	6006.72
46384.00	94.06	174.17	106.88	281.05	4845.33	4845.33	5000.00	5039.01	5126.39	5126.39
	93.23	309.80	871.65	1181.44	4709.71	0.00	5000.00	5039.01	0.00	5891.15
	96.55	319.50	986.47	1305.98	4700.00	0.00	5000.00	5039.01	0.00	6005.98
46422.00 BRG #6	94.07	173.34	110.76	284.10	4846.16	4846.16	5000.00	5039.01	5130.26	5130.26
	93.24	309.27	868.50	1177.77	4710.23	0.00	5000.00	5039.01	0.00	5888.00
	96.57	319.50	983.40	1302.90	4700.00	0.00	5000.00	5039.01	0.00	6002.90
46636.00 V/S 321 BRIDGE	94.24	34.25	165.75	200.00	5000.00	5000.00	5000.00	5068.51	5200.00	5200.00
	93.28	34.25	673.40	707.65	5000.00	0.00	5000.00	5068.51	0.00	5707.65
	96.61	80.73	700.23	781.02	4953.52	0.00	5000.00	5068.51	0.00	5734.54
46763.00	95.29	34.25	165.75	200.00	5000.00	5000.00	5000.00	5068.51	5200.00	5200.00
	94.26	78.30	681.33	759.64	4953.95	0.00	5000.00	5068.51	0.00	5715.59
	96.73	80.32	701.76	782.68	4953.33	0.00	5000.00	5068.51	0.00	5736.01
46831.00 BRIDGE #4	95.31	34.25	165.75	200.00	5000.00	5000.00	5000.00	5068.51	5200.00	5200.00
	94.27	77.81	679.91	757.72	4956.44	0.00	5000.00	5068.51	0.00	5714.16
	96.80	80.74	700.36	781.10	4953.51	0.00	5000.00	5068.51	0.00	5734.61
47250.00 BRG #1	95.42	118.13	223.72	341.84	4903.87	4903.87	5000.00	5044.01	5245.72	5245.72
	94.40	190.45	852.66	1053.12	4831.55	0.00	5000.00	5044.01	0.00	5884.66
	97.00	205.84	869.79	1075.63	4816.17	0.00	5000.00	5044.01	0.00	5891.79

Engineer : DLY
 Date : 02/10/86
 Input File : L0M2.OUT
 Output File : L0M2.MAP

SEINO	CMSL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDBTA
47423.00	55.48	116.25	222.79	339.04	4905.75	4905.75	5000.00	5044.01	5244.79	5244.79
	94.46	189.23	862.44	1051.68	4832.78	0.00	5000.00	5044.01	0.00	5884.45
	97.58	204.59	869.20	1073.89	4817.32	0.00	5000.00	5044.01	0.00	5891.21
47433.00	95.53	110.45	219.91	330.36	4911.55	4911.55	5000.00	5044.01	5241.91	5241.91
	94.52	189.60	862.51	1052.11	4832.40	0.00	5000.00	5044.01	0.00	5884.52
	97.15	205.16	869.44	1074.61	4816.84	0.00	5000.00	5044.01	0.00	5891.45
47433.00	95.53	110.42	219.86	330.31	4911.58	4911.58	5000.00	5044.01	5241.89	5241.89
	94.52	189.62	862.51	1052.14	4832.38	0.00	5000.00	5044.01	0.00	5884.52
	97.16	205.20	869.45	1074.55	4816.81	0.00	5000.00	5044.01	0.00	5891.46
47434.00	95.52	116.98	223.16	340.14	4905.03	4905.03	5000.00	5044.01	5245.17	5245.17
	94.50	189.50	862.50	1052.01	4832.50	0.00	5000.00	5044.01	0.00	5884.50
	97.13	205.03	869.38	1074.42	4816.97	0.00	5000.00	5044.01	0.00	5891.39
47477.00	95.53	116.94	223.22	340.15	4905.07	4905.07	5000.00	5044.01	5245.22	5245.22
	94.52	189.23	862.44	1051.68	4832.78	0.00	5000.00	5044.01	0.00	5884.45
	97.15	204.77	869.25	1074.01	4817.24	0.00	5000.00	5044.01	0.00	5891.25
47512.00	95.58	169.25	265.75	455.00	4858.00	4858.00	5000.00	5054.51	5313.00	5313.00
	94.56	719.06	867.45	1586.53	4308.19	0.00	5000.00	5054.51	0.00	5894.71
	97.20	847.44	875.34	1722.78	4179.82	0.00	5000.00	5054.51	0.00	5902.60
47729.00	95.62	167.57	284.56	452.14	4859.68	4859.68	5000.00	5054.51	5311.82	5311.82
	94.60	705.42	866.72	1572.15	4321.83	0.00	5000.00	5054.51	0.00	5893.98
	97.25	833.73	874.50	1708.23	4193.52	0.00	5000.00	5054.51	0.00	5901.75
47730.00	95.64	146.13	267.94	414.06	4881.12	4881.12	5000.00	5054.51	5295.19	5295.19
	94.63	706.39	866.79	1573.17	4320.86	0.00	5000.00	5054.51	0.00	5894.04
	97.29	835.62	874.62	1710.24	4191.63	0.00	5000.00	5054.51	0.00	5901.87
47740.00	95.65	146.10	267.91	414.02	4881.15	4881.15	5000.00	5054.51	5295.17	5295.16
	94.63	706.55	866.79	1573.34	4320.71	0.00	5000.00	5054.51	0.00	5894.04
	97.29	835.80	874.62	1710.42	4191.46	0.00	5000.00	5054.51	0.00	5901.88
47741.00	95.64	167.59	284.52	452.11	4859.67	4859.67	5000.00	5054.51	5311.78	5311.78
	94.62	706.35	866.77	1573.13	4320.90	0.00	5000.00	5054.51	0.00	5894.03
	97.22	835.50	874.61	1710.12	4191.75	0.00	5000.00	5054.51	0.00	5901.86
47794.00	95.65	166.32	283.80	450.12	4860.93	4860.93	5000.00	5054.51	5311.05	5311.05
	94.63	698.66	866.37	1565.02	4328.60	0.00	5000.00	5054.51	0.00	5893.62
	97.29	827.80	874.13	1701.94	4199.45	0.00	5000.00	5054.51	0.00	5901.39
47980.00	95.69	114.18	379.96	494.14	4909.32	4909.32	5000.00	5047.00	5403.46	5403.46
	94.67	259.06	1061.76	1320.82	4764.44	0.00	5000.00	5047.00	0.00	6085.26
	97.33	267.05	1065.49	1332.54	4756.45	0.00	5000.00	5047.00	0.00	6088.99
48159.00	95.73	110.22	377.05	487.27	4913.28	4913.28	5000.00	5047.00	5400.55	5400.55
	94.71	256.61	1060.51	1317.12	4766.89	0.00	5000.00	5047.00	0.00	6084.01
	97.38	265.64	1064.83	1330.47	4757.86	0.00	5000.00	5047.00	0.00	6088.33

Wood
BRIDGE

BRG #6

BRG #1

BRIDGE #5

BRG #6

BRG #1

Engineer : DLY
 Date : 02/10/86
 Input File : LOW2.DAT
 Output File : LOW2.MAP

SECNO	CMSL	LEFT	RIGHT	TOPWID	BSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
48160.00 BRIDGE # 7	95.76	118.28	383.80	502.08	4905.22	4905.22	5000.00	5047.00	5407.30	5407.30
	94.74	256.83	1060.62	1317.45	4756.67	0.00	5000.00	5047.00	0.00	6084.12
	97.42	265.76	1064.89	1330.65	4757.74	0.00	5000.00	5047.00	0.00	6088.39
48170.00	95.76	118.27	383.79	502.06	4905.23	4905.23	5000.00	5047.00	5407.29	5407.29
	94.75	256.85	1060.64	1317.49	4756.65	0.00	5000.00	5047.00	0.00	6084.14
	97.42	265.77	1064.89	1330.67	4757.73	0.00	5000.00	5047.00	0.00	6088.39
48171.00	95.75	110.93	377.61	488.54	4912.57	4912.57	5000.00	5047.00	5401.11	5401.11
	94.73	256.82	1060.62	1317.44	4756.68	0.00	5000.00	5047.00	0.00	6084.12
	97.41	265.75	1064.88	1330.64	4757.75	0.00	5000.00	5047.00	0.00	6088.38
48215.00 BRG # 6	95.76	110.05	376.95	487.00	4913.45	4913.45	5000.00	5047.00	5400.45	5400.45
	94.75	256.29	1060.34	1316.63	4767.21	0.00	5000.00	5047.00	0.00	6083.84
	97.42	265.50	1064.77	1330.27	4758.00	0.00	5000.00	5047.00	0.00	6088.27
48500.00 BRG # 1	95.81	73.00	367.00	440.00	4950.00	4950.00	5000.00	5046.00	5390.00	5390.00
	94.80	317.15	848.65	1155.80	4705.85	0.00	5000.00	5046.00	0.00	5871.65
	97.48	350.65	1062.48	1413.13	4672.35	0.00	5000.00	5046.00	0.00	6085.48
48579.00	95.88	73.00	367.00	440.00	4950.00	4950.00	5000.00	5046.00	5390.00	5390.00
	94.87	313.85	827.64	1141.49	4709.15	0.00	5000.00	5046.00	0.00	5850.64
	97.55	347.31	1041.11	1389.42	4675.69	0.00	5000.00	5046.00	0.00	6064.11
48630.00 BRG # U	95.94	73.00	367.00	440.00	4950.00	4950.00	5000.00	5046.00	5390.00	5390.00
	94.93	314.55	832.34	1146.93	4708.41	0.00	5000.00	5046.00	0.00	5855.34
	97.61	348.17	1046.64	1394.81	4674.85	0.00	5000.00	5046.00	0.00	6069.64
48690.00	95.95	73.00	367.00	440.00	4950.00	4950.00	5000.00	5046.00	5390.00	5390.00
	94.94	314.67	832.87	1147.54	4708.33	0.00	5000.00	5046.00	0.00	5855.87
	97.62	348.25	1047.15	1395.40	4674.75	0.00	5000.00	5046.00	0.00	6070.15
48691.00	95.95	73.00	367.00	440.00	4950.00	4950.00	5000.00	5046.00	5390.00	5390.00
	94.92	314.47	831.54	1146.00	4708.53	0.00	5000.00	5046.00	0.00	5854.54
	97.60	348.00	1045.58	1393.58	4675.00	0.00	5000.00	5046.00	0.00	6068.58
48735.00	95.94	73.00	367.00	440.00	4950.00	4950.00	5000.00	5046.00	5390.00	5390.00
	94.93	311.88	815.02	1126.89	4711.12	0.00	5000.00	5046.00	0.00	5838.02
	97.62	345.41	1029.01	1374.41	4677.59	0.00	5000.00	5046.00	0.00	6052.01
48789.00 BRG # 1	95.92	72.25	347.75	420.00	4950.00	4950.00	5000.00	5044.51	5370.00	5370.00
	94.91	289.98	1216.69	1506.68	4732.27	0.00	5000.00	5044.51	0.00	6238.95
	97.60	320.81	1233.33	1554.14	4701.44	0.00	5000.00	5044.51	0.00	6253.58
48790.00 BRG # V	96.13	72.25	347.75	420.00	4950.00	4950.00	5000.00	5044.51	5370.00	5370.00
	95.06	292.89	1218.09	1510.99	4729.36	0.00	5000.00	5044.51	0.00	6240.35
	97.75	322.48	1234.23	1556.71	4699.77	0.00	5000.00	5044.51	0.00	6256.49
48800.00	96.07	72.25	347.75	420.00	4950.00	4950.00	5000.00	5044.51	5370.00	5370.00
	95.08	293.05	1218.19	1511.24	4729.20	0.00	5000.00	5044.51	0.00	6240.44
	97.76	322.62	1234.30	1556.92	4699.64	0.00	5000.00	5044.51	0.00	6256.56

Engineer : DLY
 Date : 02/10/86
 Input File : LCM2.OUT
 Output File : LCM2.MAP

SECD	CASEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENOSTA
48801.00 BRG #5	96.03	72.25	347.75	420.00	4950.00	4950.00	5000.00	5044.51	5370.00	5370.00
	95.03	292.55	1217.91	1510.48	4729.69	0.00	5000.00	5044.51	0.00	6240.17
	97.71	322.05	1234.01	1535.07	4700.19	0.00	5000.00	5044.51	0.00	6255.26
48844.00 BRG #6	96.05	72.25	347.75	420.00	4950.00	4950.00	5000.00	5044.51	5370.00	5370.00
	95.05	290.77	1217.05	1507.83	4731.48	0.00	5000.00	5044.51	0.00	6239.31
	97.74	321.21	1233.54	1554.75	4701.04	0.00	5000.00	5044.51	0.00	6255.79
48921.00 BRG #1	96.17	28.00	324.74	352.74	5000.00	5000.00	5000.00	5055.00	5352.74	5352.74
	95.19	305.70	1212.25	1517.95	4722.30	0.00	5000.00	5055.00	0.00	6240.25
	97.85	320.57	1230.96	1531.63	4707.33	0.00	5000.00	5055.00	0.00	6258.96
49150.00	96.32	28.00	311.37	339.37	5000.00	5000.00	5000.00	5055.00	5339.37	5339.37
	95.34	303.40	1209.38	1512.78	4724.60	0.00	5000.00	5055.00	0.00	6237.38
	97.99	318.27	1227.96	1545.23	4709.73	0.00	5000.00	5055.00	0.00	6255.96
49151.00 BRG # W	96.41	28.00	292.00	320.00	5000.00	5000.00	5000.00	5055.00	5320.00	5320.00
	95.44	303.94	1210.05	1513.99	4724.06	0.00	5000.00	5055.00	0.00	6239.05
	98.09	318.79	1228.61	1547.40	4709.21	0.00	5000.00	5055.00	0.00	6255.61
49158.00	96.43	28.00	292.00	320.00	5000.00	5000.00	5000.00	5055.00	5320.00	5320.00
	95.45	304.00	1210.13	1514.13	4724.00	0.00	5000.00	5055.00	0.00	6238.13
	98.10	318.84	1228.67	1547.51	4709.16	0.00	5000.00	5055.00	0.00	6255.67
49159.00	96.40	28.00	314.11	342.11	5000.00	5000.00	5000.00	5055.00	5342.11	5342.11
	95.42	303.85	1209.94	1513.80	4724.15	0.00	5000.00	5055.00	0.00	6237.94
	98.07	318.68	1228.47	1547.15	4709.32	0.00	5000.00	5055.00	0.00	6256.47
49213.00 BRG #6	96.44	28.00	312.11	340.11	5000.00	5000.00	5000.00	5055.00	5340.11	5340.11
	95.46	303.52	1209.53	1513.06	4724.48	0.00	5000.00	5055.00	0.00	6237.53
	98.10	318.31	1228.02	1545.33	4709.69	0.00	5000.00	5055.00	0.00	6255.02
49335.00 BRG #1	96.49	20.50	202.07	222.57	5000.00	5000.00	5000.00	5041.00	5222.57	5222.57
	95.53	45.36	825.29	870.64	4975.14	0.00	5000.00	5041.00	0.00	5845.79
	98.14	59.85	919.07	978.92	4960.65	0.00	5000.00	5041.00	0.00	5939.57
49495.00	96.89	20.50	203.00	223.50	5000.00	5000.00	5000.00	5041.00	5223.50	5223.50
	95.91	45.91	828.52	874.42	4974.59	0.00	5000.00	5041.00	0.00	5849.02
	98.47	60.14	920.94	981.08	4960.36	0.00	5000.00	5041.00	0.00	5941.44
49496.00 BRIDGE # X	97.09	20.50	193.18	213.68	5000.00	5000.00	5000.00	5041.00	5213.68	5213.68
	96.13	47.18	836.80	883.98	4973.32	0.00	5000.00	5041.00	0.00	5857.30
	98.72	61.53	929.97	991.50	4958.97	0.00	5000.00	5041.00	0.00	5950.47
49504.00	97.12	20.50	193.18	213.68	5000.00	5000.00	5000.00	5041.00	5213.68	5213.68
	96.17	47.34	837.84	885.18	4973.16	0.00	5000.00	5041.00	0.00	5858.34
	98.75	61.64	930.69	992.33	4958.86	0.00	5000.00	5041.00	0.00	5951.19
49505.00	97.06	20.50	205.77	226.27	5000.00	5000.00	5000.00	5041.00	5225.27	5225.27
	96.09	46.96	835.35	882.31	4973.54	0.00	5000.00	5041.00	0.00	5855.85
	98.65	61.21	927.90	989.11	4959.29	0.00	5000.00	5041.00	0.00	5948.40

Engineer : DLY
 Date : 02/10/86
 Input File : LOW2.DAT
 Output File : LOW2.MAP

SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	BTENCR	ENDSTA
49544.00	97.15	20.50	206.33	226.83	5000.00	5000.00	5000.00	5041.00	5226.63	5226.83
	97.17	47.20	836.95	884.16	4973.30	0.00	5000.00	5041.00	0.00	5857.45
BRG #6	98.73	61.42	929.28	990.71	4959.08	0.00	5000.00	5041.00	0.00	5949.78
49720.00	97.43	22.50	183.05	205.55	5058.50	5058.50	5058.50	5103.50	5264.05	5264.05
	98.42	35.25	820.90	856.14	5045.75	0.00	5058.50	5103.50	0.00	5901.90
LCO	99.97	42.90	869.36	912.23	5038.10	0.00	5058.50	5103.50	0.00	5950.36
50611.00	98.50	57.12	231.00	288.12	4966.88	4955.00	5005.00	5043.00	5255.00	5255.00
	97.54	53.09	327.33	380.42	4970.91	0.00	5005.00	5043.00	0.00	5331.33
PIPE #1	99.84	61.64	815.99	882.63	4957.36	0.00	5005.00	5043.00	0.00	5839.99
50762.00	98.81	57.05	231.00	288.05	4966.95	4955.00	5005.00	5043.00	5255.00	5255.00
	97.96	53.46	331.29	384.75	4970.54	0.00	5005.00	5043.00	0.00	5355.29
	100.52	76.59	822.38	898.98	4947.41	0.00	5005.00	5043.00	0.00	5846.38
50763.00	99.11	58.30	231.00	289.29	4965.70	4955.00	5005.00	5043.00	5255.00	5255.00
	98.27	54.81	345.60	400.40	4969.19	0.00	5005.00	5043.00	0.00	5369.60
PIPE	101.37	100.36	837.66	938.03	4923.64	0.00	5005.00	5043.00	0.00	5861.66
50764.00	99.12	58.30	231.00	289.30	4965.70	4955.00	5005.00	5043.00	5255.00	5255.00
	98.28	54.82	345.73	400.55	4969.18	0.00	5005.00	5043.00	0.00	5369.73
	101.38	100.56	837.79	938.35	4923.44	0.00	5005.00	5043.00	0.00	5861.79
50765.00	99.03	57.93	231.00	288.93	4966.07	4955.00	5005.00	5043.00	5255.00	5255.00
	98.19	54.46	341.96	396.42	4969.54	0.00	5005.00	5043.00	0.00	5365.96
	101.15	94.17	833.68	927.86	4929.83	0.00	5005.00	5043.00	0.00	5857.68
50773.00	99.66	73.08	213.50	286.57	4963.42	4950.00	5000.00	5073.00	5250.00	5250.00
	98.96	70.17	363.54	433.72	4966.33	0.00	5000.00	5073.00	0.00	5400.04
BRG #1	102.25	137.71	841.13	978.84	4898.79	0.00	5000.00	5073.00	0.00	5877.63
HIGHWAY BRIDGE	99.58	59.25	227.00	286.25	4963.75	4950.00	5000.00	5046.01	5250.00	5250.00
50796.00	98.76	55.85	368.27	424.12	4967.15	0.00	5000.00	5046.01	0.00	5391.27
	101.95	115.70	849.16	964.86	4907.30	0.00	5000.00	5046.01	0.00	5872.16
50841.00	99.99	74.18	213.50	287.68	4962.32	4950.00	5000.00	5073.00	5250.00	5250.00
	99.25	71.09	373.29	444.39	4965.41	0.00	5000.00	5073.00	0.00	5409.79
BRG #4	102.87	152.98	850.95	1003.93	4883.52	0.00	5000.00	5073.00	0.00	5887.45
51780.00	102.90	187.42	69.08	256.50	5374.58	5374.58	5549.50	5574.50	5631.08	5631.08
	102.39	519.17	709.95	1229.12	5042.83	0.00	5549.50	5574.50	0.00	6271.95
LCP	105.44	528.72	728.58	1257.30	5033.28	0.00	5549.50	5574.50	0.00	6290.58
52505.00	107.18	210.68	81.00	292.54	5351.32	5351.32	5549.50	5574.50	5643.86	5643.86
	106.24	523.79	717.65	1241.44	5038.21	0.00	5549.50	5574.50	0.00	6279.65
	109.06	534.00	745.74	1279.73	5028.00	0.00	5549.50	5574.50	0.00	6307.74
53229.00	108.89	100.50	99.50	200.00	4918.00	4918.00	5001.00	5036.00	5118.00	5118.00
	107.97	251.62	375.26	626.88	4766.88	0.00	5001.00	5036.00	0.00	5393.76
BRG #1	111.03	258.50	415.50	674.00	4760.00	0.00	5001.00	5036.00	0.00	5434.00

Engineer : DLY
 Date : 02/10/86
 Input File : LOW2.CUT
 Output File : LOW2.MAP

SECTNO	CHSEL	LEFT	RIGHT	TOPWID	BSTA	STENCL	STCHL	STCHR	STENCH	ENDBTA
53372.00	109.28	100.50	99.50	200.00	4918.00	4918.00	5001.00	5036.00	5118.00	5118.00
	109.37	251.29	373.35	624.65	4767.21	0.00	5001.00	5036.00	0.00	5391.85
	111.59	259.50	415.50	674.00	4760.00	0.00	5001.00	5036.00	0.00	5434.00
53373.00 PIPE	109.49	100.50	99.50	200.00	4918.00	4918.00	5001.00	5036.00	5118.00	5118.00
	108.57	252.23	378.84	631.08	4765.27	0.00	5001.00	5036.00	0.00	5397.34
	111.89	259.50	415.50	674.00	4760.00	0.00	5001.00	5036.00	0.00	5434.00
53374.00	109.48	100.50	99.50	200.00	4918.00	4918.00	5001.00	5036.00	5118.00	5118.00
	108.58	252.23	378.88	631.13	4765.26	0.00	5001.00	5036.00	0.00	5397.38
	111.89	259.50	415.50	674.00	4760.00	0.00	5001.00	5036.00	0.00	5434.00
53375.00	109.41	100.50	99.50	200.00	4918.00	4918.00	5001.00	5036.00	5118.00	5118.00
	108.51	251.89	378.75	629.62	4765.62	0.00	5001.00	5036.00	0.00	5395.25
	111.78	258.50	415.50	674.00	4760.00	0.00	5001.00	5036.00	0.00	5434.00
53398.00 TREMONT BRIDGE	109.42	102.50	97.50	200.00	4918.00	4918.00	5000.00	5041.00	5118.00	5118.00
	108.52	253.95	375.27	629.23	4765.54	0.00	5000.00	5041.00	0.00	5395.77
	111.80	260.50	413.50	674.00	4760.00	0.00	5000.00	5041.00	0.00	5434.00
53421.00	109.52	102.50	97.50	200.00	4918.00	4918.00	5000.00	5041.00	5118.00	5118.00
	108.52	253.94	375.12	629.06	4765.56	0.00	5000.00	5041.00	0.00	5395.62
	111.80	260.50	413.50	674.00	4760.00	0.00	5000.00	5041.00	0.00	5434.00
53460.00 BRG #6	109.55	102.50	97.50	200.00	4918.00	4918.00	5000.00	5041.00	5118.00	5118.00
	108.55	253.75	374.01	627.76	4765.75	0.00	5000.00	5041.00	0.00	5394.51
	111.83	260.50	413.50	674.00	4760.00	0.00	5000.00	5041.00	0.00	5434.00
53725.00 LCQ	109.82	100.50	99.50	200.00	5264.00	5264.00	5322.50	5406.50	5464.00	5464.00
	108.84	299.84	219.67	519.52	5064.66	0.00	5322.50	5406.50	0.00	5384.17
	112.16	321.74	402.83	724.57	5042.76	0.00	5322.50	5406.50	0.00	5767.33

Engineer : DLY
 Date : 02/22/86
 Input File : LOW3.OUT
 Output File : COM1

SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
53398.00 TREMONT BRIDGE	109.42	102.50	97.50	200.00	4918.00	4918.00	5000.00	5041.00	5118.00	5118.00
	108.52	253.92	375.02	628.94	4766.58	0.00	5000.00	5041.00	0.00	5395.52
	111.80	264.70	431.02	695.72	4755.80	0.00	5000.00	5041.00	0.00	5451.52
53421.00	109.52	102.50	97.50	200.00	4918.00	4918.00	5000.00	5041.00	5118.00	5118.00
	108.52	253.92	375.02	625.95	4766.58	0.00	5000.00	5041.00	0.00	5395.52
	111.80	264.70	431.02	695.72	4755.80	0.00	5000.00	5041.00	0.00	5451.52
53460.00 #6	109.54	102.50	97.50	200.00	4918.00	4918.00	5000.00	5041.00	5118.00	5118.00
	108.55	253.73	373.01	627.64	4766.77	0.00	5000.00	5041.00	0.00	5394.61
	111.83	264.61	430.64	695.25	4755.89	0.00	5000.00	5041.00	0.00	5451.54
53725.00 LCR	109.82	100.50	99.50	200.00	5264.00	5264.00	5322.50	5406.50	5464.00	5464.00
	108.83	299.83	219.62	519.45	5064.67	0.00	5322.50	5406.50	0.00	5464.00
	112.16	321.75	402.83	724.58	5042.75	0.00	5322.50	5403.50	0.00	5464.00
55502.00 #1	110.65	219.75	30.25	250.00	4801.00	4801.00	5000.00	5041.51	5051.00	5051.00
	109.64	418.66	135.26	553.92	4602.09	0.00	5000.00	5041.51	0.00	5156.01
	113.00	472.87	204.40	677.27	4547.88	0.00	5000.00	5041.51	0.00	5225.15
55639.00	110.62	219.75	30.25	250.00	4801.00	4801.00	5000.00	5041.51	5051.00	5051.00
	109.60	320.23	78.54	398.76	4700.52	0.00	5000.00	5041.51	0.00	5099.29
	112.90	501.80	118.43	620.22	4518.96	0.00	5000.00	5041.51	0.00	5139.16
55671.00 TAYLORSVILLE ST. BRIDGE	111.04	219.75	30.25	250.00	4801.00	4801.00	5000.00	5041.51	5051.00	5051.00
	110.49	359.42	87.08	446.50	4661.33	0.00	5000.00	5041.51	0.00	5107.83
	112.97	506.17	119.40	625.57	4514.58	0.00	5000.00	5041.51	0.00	5140.15
55760.00 #1 LCR	111.27	235.50	14.50	250.00	5146.00	5146.00	5367.00	5396.00	5396.00	5396.00
	110.61	318.94	48.17	350.62	5062.56	0.00	5367.00	5396.00	0.00	5429.67
	113.24	329.45	108.25	437.70	5052.05	0.00	5367.00	5396.00	0.00	5489.75
56878.00 #1	112.46	122.50	37.50	160.00	4900.00	4900.00	4985.00	5060.00	5060.00	5060.00
	111.87	754.41	42.21	796.62	4268.09	0.00	4985.00	5060.00	0.00	5060.00
	114.62	836.84	48.81	885.64	4185.66	0.00	4985.00	5060.00	0.00	5060.00
57033.00	112.60	122.50	37.50	160.00	4900.00	4900.00	4985.00	5060.00	5060.00	5060.00
	112.02	755.97	42.34	798.31	4266.53	0.00	4985.00	5060.00	0.00	5060.00
	114.78	839.00	48.98	887.98	4183.50	0.00	4985.00	5060.00	0.00	5071.48
57056.00 SCHOOL ENT. BRIDGE	116.49	120.99	39.01	160.00	4900.00	4900.00	4999.99	5042.00	5060.00	5060.00
	115.94	740.73	57.17	797.91	4280.26	0.00	4999.99	5042.00	0.00	5078.17
	117.18	753.69	61.30	814.98	4267.31	0.00	4999.99	5042.00	0.00	5082.29
57744.00 #6	116.79	31.00	94.36	125.36	4980.00	4980.00	4980.00	5042.00	5105.37	5105.36
	116.16	107.52	233.40	340.91	4903.48	0.00	4980.00	5042.00	0.00	5244.40
	117.61	631.90	257.09	768.32	4379.10	0.00	4980.00	5042.00	0.00	5268.09
58518.00 #1	117.20	73.50	46.50	120.00	4920.00	4920.00	4950.00	5037.00	5040.00	5040.00
	116.51	581.64	160.77	742.41	4411.86	0.00	4950.00	5037.00	0.00	5154.27
	118.22	715.80	189.42	905.22	4277.70	0.00	4950.00	5037.00	0.00	5182.92

Lower
 Creek
 Part 3

Engineer : DLY
 Date : 02/22/86
 Input File : LOM3.OUT
 Output File: COM1

SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDS
58653.00	117.25	73.50	46.50	120.00	4920.00	4920.00	4950.00	5037.00	5040.00	5040.00
	116.56	551.97	154.85	706.84	4441.53	0.00	4950.00	5037.00	0.00	5148.36
	118.29	688.23	181.99	870.22	4305.27	0.00	4950.00	5037.00	0.00	5175.49
58654.00	117.03	98.50	21.50	120.00	4920.00	4920.00	5009.00	5037.00	5040.00	5040.00
ARROWOOD	116.50	571.92	128.86	700.78	4446.58	0.00	5000.00	5037.00	0.00	5147.36
ST. BRIDGE	118.27	712.01	156.75	868.76	4306.49	0.00	5000.00	5037.00	0.00	5175.25
58676.00	117.37	98.50	21.50	120.00	4920.00	4920.00	5000.00	5037.00	5040.00	5040.00
	116.70	587.58	131.98	719.56	4430.92	0.00	5000.00	5037.00	0.00	5150.48
	118.46	726.16	159.57	885.73	4292.34	0.00	5000.00	5037.00	0.00	5178.07
58677.00	117.87	73.50	46.50	120.00	4920.00	4920.00	4950.00	5037.00	5040.00	5040.00
	116.83	572.36	158.92	731.28	4421.14	0.00	4950.00	5037.00	0.00	5152.42
	118.49	702.44	184.82	887.26	4291.06	0.00	4950.00	5037.00	0.00	5178.32
58710.00	117.88	73.50	46.50	120.00	4920.00	4920.00	4950.00	5037.00	5040.00	5040.00
#6	116.84	560.54	156.57	717.11	4432.96	0.00	4950.00	5037.00	0.00	5150.07
	118.50	691.86	182.72	874.57	4301.64	0.00	4950.00	5037.00	0.00	5176.22
60688.00	120.04	104.92	40.37	145.29	5548.58	5548.58	5625.00	5682.00	5693.87	5693.87
	119.11	397.98	115.00	512.98	5255.52	0.00	5625.00	5682.00	0.00	5768.50
LCR-1	121.27	492.35	138.45	630.80	5161.15	0.00	5625.00	5682.00	0.00	5791.95
61805.00	123.14	22.00	148.00	170.00	5045.00	5045.00	5045.00	5089.00	5215.00	5215.00
	122.30	22.58	660.15	682.72	5044.42	0.00	5045.00	5089.00	0.00	5727.15
LCS	124.39	23.51	689.45	712.95	5043.49	0.00	5045.00	5089.00	0.00	5756.45
62231.00	124.36	71.00	249.00	320.00	4950.00	4950.00	4950.00	5092.00	5270.00	5270.00
	123.66	155.53	745.44	901.02	4865.42	0.00	4950.00	5092.00	0.00	5766.44
#1	125.72	172.94	832.88	1005.82	4848.06	0.00	4950.00	5092.00	0.00	5853.88
62318.00	124.46	71.00	249.00	320.00	4950.00	4950.00	4950.00	5092.00	5270.00	5270.00
	123.79	153.93	743.46	897.39	4867.07	0.00	4950.00	5092.00	0.00	5764.46
	125.85	172.69	824.05	996.74	4848.31	0.00	4950.00	5092.00	0.00	5845.05
62341.00	124.48	71.00	249.00	320.00	4950.00	4950.00	5000.00	5042.00	5270.00	5270.00
	123.53	150.37	739.16	889.53	4870.63	0.00	5000.00	5042.00	0.00	5760.16
BRIDGE	125.60	172.20	806.60	978.80	4848.80	0.00	5000.00	5042.00	0.00	5827.60
62362.00	124.75	71.00	249.00	320.00	4950.00	4950.00	4950.00	5092.00	5270.00	5270.00
	123.92	155.23	745.02	900.25	4865.77	0.00	4950.00	5092.00	0.00	5766.02
#6	125.97	172.86	830.21	1003.07	4848.14	0.00	4950.00	5092.00	0.00	5851.21
62973.00	125.37	30.00	441.43	471.43	5250.00	5250.00	5250.00	5310.00	5721.43	5721.43
	124.61	123.19	1016.24	1139.44	5156.81	0.00	5250.00	5310.00	0.00	6296.24
LCS-1	126.69	126.89	1061.81	1188.70	5153.11	0.00	5250.00	5310.00	0.00	6341.81
63615.00	125.78	291.00	260.00	551.00	5419.00	5419.00	5679.50	5740.50	5970.00	5970.00
	124.97	629.61	627.89	1257.49	5080.39	0.00	5679.50	5740.50	0.00	6337.89
LCT	127.04	635.31	651.67	1286.98	5074.69	0.00	5679.50	5740.50	0.00	6361.67

Engineer : DLY
 Date : 02/22/86
 Input File : LOW3.DAT
 Output File : COM1

SECD	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
64740.00	126.98	150.00	300.00	450.00	4868.00	4868.00	4950.00	5086.00	5318.00	5318.00
#1	126.11	267.88	426.47	632.65	4750.12	0.00	4950.00	5086.00	0.00	5444.47
	128.31	294.43	440.63	735.06	4723.57	0.00	4950.00	5086.00	0.00	5458.63
64871.00	127.21	150.00	300.00	450.00	4868.00	4868.00	4950.00	5086.00	5318.00	5318.00
	126.49	269.84	427.52	651.33	4748.16	0.00	4950.00	5086.00	0.00	5445.52
	128.59	295.02	440.94	735.96	4722.98	0.00	4950.00	5086.00	0.00	5458.94
64898.00	127.04	150.00	300.00	450.00	4868.00	4868.00	5000.00	5036.00	5318.00	5318.00
BRIDGE	126.08	265.00	424.93	600.01	4753.00	0.00	5000.00	5036.00	0.00	5442.93
	127.63	283.57	434.84	718.41	4734.43	0.00	5000.00	5036.00	0.00	5452.84
64930.00	127.74	150.00	300.00	450.00	4868.00	4868.00	4950.00	5086.00	5318.00	5318.00
#6	127.14	276.11	430.86	706.97	4741.89	0.00	4950.00	5086.00	0.00	5448.86
	129.00	298.43	442.76	741.19	4719.57	0.00	4950.00	5086.00	0.00	5460.76
66315.00	130.08	20.00	213.47	233.47	5240.00	5240.00	5240.00	5280.00	5473.47	5473.47
LCT-1	129.58	31.01	728.76	759.76	5228.99	0.00	5240.00	5280.00	0.00	5988.76
	131.67	36.01	736.68	772.69	5223.99	0.00	5240.00	5280.00	0.00	5996.68
66765.00	131.44	117.13	156.96	274.09	5534.37	5534.37	5631.00	5672.00	5808.46	5808.46
LCU	130.77	491.88	474.65	966.53	5159.62	0.00	5631.00	5672.00	0.00	6126.15
	132.82	506.21	491.02	997.23	5145.29	0.00	5631.00	5672.00	0.00	6142.52
69386.00	140.92	75.50	104.50	180.00	4970.00	4970.00	5000.00	5091.00	5150.00	5150.00
#1	140.55	165.40	148.03	313.43	4880.10	0.00	5000.00	5091.00	0.00	5193.53
	142.13	210.70	151.12	361.82	4834.80	0.00	5000.00	5091.00	0.00	5196.62
69541.00	141.27	75.50	104.50	180.00	4970.00	4970.00	5000.00	5091.00	5150.00	5150.00
	140.96	162.82	147.86	310.68	4882.68	0.00	5000.00	5091.00	0.00	5193.36
	142.59	209.90	151.06	360.96	4835.60	0.00	5000.00	5091.00	0.00	5196.56
69568.00	142.14	51.00	129.00	180.00	4970.00	4970.00	5000.00	5042.00	5150.00	5150.00
#FF BRIDGE	141.48	153.51	173.39	326.90	4867.49	0.00	5000.00	5042.00	0.00	5194.39
	142.62	186.16	175.61	361.78	4834.84	0.00	5000.00	5042.00	0.00	5196.61
69606.00	142.38	45.50	45.50	91.00	5000.00	5000.00	5000.00	5091.00	5091.00	5091.00
#6	141.81	182.85	149.22	332.07	4862.65	0.00	5000.00	5091.00	0.00	5194.72
	143.13	220.93	151.81	372.75	4824.57	0.00	5000.00	5091.00	0.00	5197.31
70925.00	145.85	83.00	17.00	100.00	5185.00	5185.00	5254.50	5281.50	5285.00	5285.00
LCV	145.50	153.03	77.01	230.04	5114.97	0.00	5254.50	5281.50	0.00	5345.01
	147.50	182.93	96.93	279.87	5085.07	0.00	5254.50	5281.50	0.00	5364.93
72048.00	151.18	20.00	162.63	182.63	5000.00	5000.00	5000.00	5040.00	5182.63	5182.63
#1	150.43	59.41	330.64	390.05	4960.59	0.00	5000.00	5040.00	0.00	5350.64
	152.41	82.03	359.21	441.24	4937.97	0.00	5000.00	5040.00	0.00	5379.21
72103.00	151.31	20.00	159.32	179.32	5000.00	5000.00	5000.00	5040.00	5179.33	5179.32
BRIDGE	150.54	58.36	328.76	387.12	4961.64	0.00	5000.00	5040.00	0.00	5348.76
#66	152.52	81.62	359.04	440.06	4938.98	0.00	5000.00	5040.00	0.00	5379.04

Engineer : DLY
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SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
72104.00	151.31	20.00	166.24	186.24	5000.00	5000.00	5000.00	5040.00	5186.24	5186.24
	150.59	58.90	329.73	388.63	4961.10	0.00	5000.00	5040.00	0.00	5349.73
	152.58	81.70	359.15	440.26	4938.30	0.00	5000.00	5040.00	0.00	5379.15
72146.00	151.56	20.00	168.57	188.57	5000.00	5000.00	5000.00	5040.00	5188.57	5188.57
	150.79	61.17	333.80	394.98	4958.83	0.00	5000.00	5040.00	0.00	5353.80
	152.73	83.51	359.46	442.97	4956.49	0.00	5000.00	5040.00	0.00	5379.46
72147.00	151.58	20.00	163.84	183.84	5000.01	5000.00	5000.00	5040.00	5183.84	5183.84
	150.78	61.14	333.74	394.89	4958.80	0.00	5000.00	5040.00	0.00	5353.74
	152.72	83.45	359.45	442.90	4936.55	0.00	5000.00	5040.00	0.00	5379.45
72160.00	151.61	20.00	161.40	181.40	5000.00	5000.00	5000.00	5040.00	5181.40	5181.40
	150.80	59.95	331.61	391.56	4960.05	0.00	5000.00	5040.00	0.00	5351.61
	# 6 152.74	82.16	359.23	441.39	4937.84	0.00	5000.00	5040.00	0.00	5379.23
73452.00	155.07	44.51	226.50	271.01	4962.74	4962.74	5000.00	5014.50	5233.75	5233.75
	154.11	111.46	642.39	753.84	4895.79	0.00	5000.00	5014.50	0.00	5649.64
	# 1 156.09	115.18	662.86	778.04	4892.07	0.00	5000.00	5014.50	0.00	5670.11
73487.00	155.18	44.46	225.66	270.12	4962.79	4962.79	5000.00	5014.50	5232.91	5232.91
	154.22	111.42	642.19	753.51	4895.83	0.00	5000.00	5014.50	0.00	5649.44
	156.20	115.12	662.20	777.12	4892.13	0.00	5000.00	5014.50	0.00	5669.45
73488.00	155.28	46.53	251.69	298.22	4960.72	4960.72	5000.00	5014.50	5258.94	5258.94
	154.32	111.59	643.02	754.61	4895.66	0.00	5000.00	5014.50	0.00	5650.27
	# 4H D AM 156.29	115.29	664.17	779.46	4891.95	0.00	5000.00	5014.50	0.00	5671.42
73491.00	155.30	46.53	251.98	298.51	4960.72	4960.72	5000.00	5014.50	5259.23	5259.23
	154.33	111.62	643.13	754.74	4895.63	0.00	5000.00	5014.50	0.00	5650.38
	156.30	115.31	664.43	779.74	4891.94	0.00	5000.00	5014.50	0.00	5671.68
73492.00	155.27	45.11	231.34	276.45	4962.14	4962.14	5000.00	5014.50	5238.59	5238.59
	154.30	111.57	642.90	754.46	4895.68	0.00	5000.00	5014.50	0.00	5650.15
	156.27	115.26	663.86	779.12	4891.99	0.00	5000.00	5014.50	0.00	5671.11
73500.00	155.29	45.40	233.05	278.45	4961.85	4961.85	5000.00	5014.50	5240.30	5240.30
	154.33	111.57	642.92	754.49	4895.68	0.00	5000.00	5014.50	0.00	5650.17
	# 6 156.30	115.26	663.86	779.12	4891.99	0.00	5000.00	5014.50	0.00	5671.11
74626.00	159.21	235.00	15.00	250.00	4800.00	4800.00	5020.00	5050.00	5050.00	5050.00
	158.50	450.51	35.65	486.15	4584.49	0.00	5020.00	5050.00	0.00	5070.65
	# 1 160.24	555.00	40.45	595.45	4480.00	0.00	5020.00	5050.00	0.00	5075.45
74681.00	159.45	235.00	15.00	250.00	4800.00	4800.00	5020.00	5050.00	5050.00	5050.00
	158.80	456.23	35.84	492.06	4578.77	0.00	5020.00	5050.00	0.00	5070.84
	160.49	555.00	40.48	595.48	4480.00	0.00	5020.00	5050.00	0.00	5075.48
74748.00	159.77	235.00	15.00	250.00	4800.00	4800.00	5020.00	5050.00	5050.00	5050.00
	158.82	458.39	35.91	494.30	4576.61	0.00	5020.00	5050.00	0.00	5070.91
	BRIDGE # II 160.52	555.00	41.02	596.02	4480.00	0.00	5020.00	5050.00	0.00	5076.02

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 Input File : LGW3.OUT
 Output File: COM1

SECD	CMSEL	LEFT	RIGHT	TOPVID	SSTA	STENCL	STCHL	STCHR	STENCK	EMDSTA
74761.00	160.01	232.50	17.50	250.00	4800.00	4800.00	5015.00	5050.00	5050.00	5050.00
# 6	159.25	478.36	93.36	571.71	4554.14	0.00	5015.00	5050.00	0.00	5125.86
	160.81	552.50	97.50	650.00	4480.00	0.00	5015.00	5050.00	0.00	5130.00
75985.00	161.89	185.11	16.30	201.41	5349.39	5349.39	5519.00	5550.00	5550.80	5550.80
LCW	161.08	473.00	114.54	587.54	5061.50	0.00	5519.00	5550.00	0.00	5649.04
	162.83	478.72	121.14	599.86	5055.78	0.00	5519.00	5550.00	0.00	5655.64
76092.00	162.08	91.02	23.00	114.02	4930.98	4930.98	4999.00	5045.00	5045.00	5045.00
# 1	161.24	297.06	49.84	346.90	4724.94	0.00	4999.00	5045.00	0.00	5071.84
	162.98	305.02	64.69	369.71	4716.98	0.00	4999.00	5045.00	0.00	5086.69
76251.00	162.44	89.81	23.00	112.81	4932.19	4932.19	4999.00	5045.00	5045.00	5045.00
	161.54	297.03	49.78	346.82	4724.97	0.00	4999.00	5045.00	0.00	5071.78
	163.33	305.24	65.10	370.35	4716.76	0.00	4999.00	5045.00	0.00	5087.10
76252.00	162.47	113.00	23.00	136.00	4909.00	4909.00	4999.00	5045.00	5045.00	5045.00
BRIDGE	161.60	297.32	50.33	347.65	4724.68	0.00	4999.00	5045.00	0.00	5072.33
	163.43	305.72	65.99	371.71	4716.28	0.00	4999.00	5045.00	0.00	5087.99
76277.00	162.62	117.49	23.00	140.49	4904.51	4904.51	4999.00	5045.00	5045.00	5045.00
	161.73	297.92	51.43	349.35	4724.08	0.00	4999.00	5045.00	0.00	5073.43
	163.55	306.25	66.99	373.24	4715.75	0.00	4999.00	5045.00	0.00	5088.99
76278.00	162.62	98.26	23.00	121.26	4923.74	4923.74	4999.00	5045.00	5045.00	5045.00
	161.71	297.84	51.30	349.14	4724.16	0.00	4999.00	5045.00	0.00	5073.30
	163.52	306.11	66.72	372.83	4715.09	0.00	4999.00	5045.00	0.00	5088.72
76317.00	162.72	117.00	23.00	140.00	4905.00	4905.00	4999.00	5045.00	5045.00	5045.00
# 6	161.78	297.24	50.17	347.41	4724.76	0.00	4999.00	5045.00	0.00	5072.17
	163.59	305.56	65.69	371.25	4716.44	0.00	4999.00	5045.00	0.00	5087.69
77916.00	166.65	20.00	257.08	277.08	5000.00	5000.00	5000.00	5040.00	5277.08	5277.08
# 1	165.68	168.26	548.07	716.34	4851.74	0.00	5000.00	5040.00	0.00	5568.07
	167.37	174.57	564.16	738.73	4845.43	0.00	5000.00	5040.00	0.00	5584.16
78047.00	167.05	20.00	235.84	255.84	5000.00	5000.00	5000.00	5040.00	5255.84	5255.84
	166.10	167.87	547.07	714.94	4852.13	0.00	5000.00	5040.00	0.00	5567.07
	167.72	173.95	562.57	736.51	4846.05	0.00	5000.00	5040.00	0.00	5582.57
78048.00	167.22	96.94	168.45	265.40	4923.06	4923.06	5000.00	5040.00	5188.46	5188.46
BRIDGE	166.26	168.49	548.65	717.14	4851.51	0.00	5000.00	5040.00	0.00	5568.65
# KK	167.87	174.52	564.02	738.54	4845.48	0.00	5000.00	5040.00	0.00	5584.02
78061.00	167.29	97.99	169.81	267.80	4922.01	4922.01	5000.00	5040.00	5189.81	5189.81
	166.33	168.72	549.23	717.95	4851.28	0.00	5000.00	5040.00	0.00	5569.23
	167.92	174.68	564.44	739.12	4845.32	0.00	5000.00	5040.00	0.00	5584.44
78062.00	167.25	20.00	272.45	292.45	5000.00	5000.00	5000.00	5040.00	5292.45	5292.45
	166.29	168.58	548.88	717.46	4851.42	0.00	5000.00	5040.00	0.00	5568.88
	167.88	174.54	564.08	738.62	4845.46	0.00	5000.00	5040.00	0.00	5584.08

Engineer : DLY
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 Input File : LOW3.OUT
 Output File: COM1

SECNO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
78094.00	167.35	20.00	256.38	276.38	5000.00	5000.00	5000.00	5040.00	5276.39	5276.38
#6	166.41	169.19	550.43	719.62	4850.81	0.00	5000.00	5040.00	0.00	5570.43
	167.98	175.08	565.44	740.52	4844.92	0.00	5000.00	5040.00	0.00	5585.44
78235.00	167.66	20.00	136.00	156.00	5206.00	5206.00	5206.00	5246.00	5362.00	5362.00
LCX	166.71	129.35	516.29	559.34	5096.65	0.00	5206.00	5246.00	0.00	5742.29
	168.25	145.85	571.84	717.69	5080.15	0.00	5206.00	5246.00	0.00	5797.84
79268.00	170.55	18.00	277.26	295.26	5000.00	5000.00	5000.00	5036.00	5295.26	5295.26
#1	169.34	67.81	489.28	557.10	4950.19	0.00	5000.00	5036.00	0.00	5507.28
	170.90	88.61	499.39	588.00	4929.39	0.00	5000.00	5036.00	0.00	5517.39
79403.00	170.87	18.00	282.00	300.00	5000.00	5000.00	5000.00	5036.00	5300.00	5300.00
	169.89	18.00	487.15	505.15	5000.00	0.00	5000.00	5036.00	0.00	5505.15
	171.26	84.51	497.43	581.94	4933.49	0.00	5000.00	5036.00	0.00	5515.43
79404.00	171.00	18.00	282.00	300.00	5000.00	5000.00	5000.00	5036.00	5300.00	5300.00
BRIDGE	170.04	67.04	488.37	555.41	4950.96	0.00	5000.00	5036.00	0.00	5506.37
# LL	171.52	88.66	499.42	588.08	4929.34	0.00	5000.00	5036.00	0.00	5517.42
79425.00	171.23	18.00	282.00	300.00	5000.00	5000.00	5000.00	5036.00	5300.00	5300.00
	170.50	72.63	491.72	564.35	4945.37	0.00	5000.00	5036.00	0.00	5509.72
	171.74	91.99	501.02	593.01	4926.01	0.00	5000.00	5036.00	0.00	5519.02
79426.00	171.20	18.00	282.00	300.00	5000.00	5000.00	5000.00	5036.00	5300.00	5300.00
	170.45	71.87	491.36	563.23	4946.13	0.00	5000.00	5036.00	0.00	5509.36
	171.66	90.82	500.45	591.27	4927.18	0.00	5000.00	5036.00	0.00	5518.45
79459.00	171.27	18.00	282.00	300.00	5000.00	5000.00	5000.00	5036.00	5300.00	5300.00
#6	170.51	70.28	490.59	560.87	4947.72	0.00	5000.00	5036.00	0.00	5508.59
	171.74	89.47	499.81	589.28	4928.53	0.00	5000.00	5036.00	0.00	5517.81
80345.00	174.11	16.50	160.45	176.95	5043.00	5043.00	5043.00	5076.00	5219.95	5219.95
LCY	173.29	33.53	374.83	408.35	5025.97	0.00	5043.00	5076.00	0.00	5434.33
	174.69	37.92	397.66	435.58	5021.58	0.00	5043.00	5076.00	0.00	5457.16
81519.00	177.91	48.00	162.00	210.00	4990.00	4990.00	5000.00	5076.00	5200.00	5200.00
#1	177.39	81.03	339.49	420.52	4956.97	0.00	5000.00	5076.00	0.00	5377.49
	178.83	88.70	476.82	565.51	4949.30	0.00	5000.00	5076.00	0.00	5514.82
81614.00	178.15	38.00	162.00	200.00	5000.00	4990.00	5000.00	5076.00	5200.00	5200.00
	177.66	38.00	332.02	370.02	5000.00	0.00	5000.00	5076.00	0.00	5370.02
	179.10	38.00	468.94	506.94	5000.00	0.00	5000.00	5076.00	0.00	5506.94
81635.00	178.53	13.50	186.50	200.00	5000.00	4990.00	5000.00	5027.00	5200.00	5200.00
BRIDGE	177.50	13.50	341.74	355.24	5000.00	0.00	5000.00	5027.00	0.00	5355.24
# MM	176.15	13.50	404.21	417.71	5000.00	0.00	5000.00	5027.00	0.00	5417.71
81658.00	179.08	48.00	162.00	210.00	4990.00	4990.00	5000.00	5076.00	5200.00	5200.00
#6	178.44	84.00	393.08	477.08	4954.00	0.00	5000.00	5076.00	0.00	5431.08
	179.71	90.92	513.32	604.24	4947.08	0.00	5000.00	5076.00	0.00	5551.32

Engineer : DLY
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SECCO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	SSTA	ENDSTA
LCZ	82335.00	181.18	30.00	180.00	210.00	5190.00	5190.00	5195.00	5245.00	5400.00
		180.85	63.27	383.50	446.78	5156.73	0.00	5195.00	5245.00	5603.50
		182.21	126.10	401.27	527.37	5093.90	0.00	5195.00	5245.00	5821.27
#1	82434.00	182.05	97.85	139.66	237.51	4913.15	4913.15	5000.00	5022.00	5150.66
		181.89	219.66	303.02	522.68	4791.34	0.00	5000.00	5022.00	5370.02
		183.24	224.06	345.37	569.43	4786.94	0.00	5000.00	5022.00	5615.37
82517.00		182.78	103.86	143.04	246.90	4907.14	4907.14	5000.00	5022.00	5154.05
		182.27	220.39	310.04	530.44	4790.61	0.00	5000.00	5022.00	5371.04
		183.62	224.76	352.06	576.82	4786.24	0.00	5000.00	5022.00	5615.37
BRIDGE #NN	82518.00	183.16	113.88	152.71	266.59	4897.12	4897.12	5000.00	5022.00	5163.71
		182.48	221.06	316.40	537.46	4789.94	0.00	5000.00	5022.00	5327.00
		183.83	225.46	358.78	584.24	4785.54	0.00	5000.00	5022.00	5369.71
82532.00		183.26	115.14	153.15	268.30	4895.86	4895.86	5000.00	5022.00	5164.15
		182.55	221.27	318.47	539.74	4789.73	0.00	5000.00	5022.00	5329.47
		183.90	225.65	360.67	586.33	4785.35	0.00	5000.00	5022.00	5371.67
82533.00		183.16	109.03	146.03	255.06	4901.97	4901.97	5000.00	5022.00	5157.03
		182.49	221.10	316.80	537.89	4789.90	0.00	5000.00	5022.00	5327.80
		183.84	225.47	358.92	584.39	4785.53	0.00	5000.00	5022.00	5369.92
#6	82553.00	183.32	135.50	114.50	250.00	4900.00	4900.00	5000.00	5071.00	5150.00
		182.48	297.91	192.99	490.90	4737.59	0.00	5000.00	5071.00	5228.49
		183.80	443.24	239.24	682.48	4592.26	0.00	5000.00	5071.00	5274.74
#J	83400.00	186.61	109.35	26.71	136.06	4902.15	4902.15	4999.00	5024.00	5038.21
		186.26	276.71	105.24	381.94	4734.79	0.00	4999.00	5024.00	5116.74
		187.76	306.55	122.23	428.78	4704.95	0.00	4999.00	5024.00	5133.73
83491.00		187.87	111.75	29.67	141.42	4899.75	4899.75	4999.00	5024.00	5041.17
		187.10	287.16	112.34	399.50	4724.34	0.00	4999.00	5024.00	5123.84
		188.54	311.57	126.69	438.26	4699.93	0.00	4999.00	5024.00	5138.19
BRIDGE #00	83492.00	188.43	127.35	43.18	170.53	4884.15	4884.15	4999.00	5024.00	5054.68
		187.47	294.80	116.07	410.87	4716.70	0.00	4999.00	5024.00	5127.57
		188.95	316.24	130.85	447.09	4695.26	0.00	4999.00	5024.00	5142.35
83507.00		188.62	128.59	44.79	173.37	4882.91	4882.91	4999.00	5024.00	5056.29
		187.65	298.37	117.82	416.18	4713.13	0.00	4999.00	5024.00	5129.32
		189.12	318.09	132.49	450.58	4693.41	0.00	4999.00	5024.00	5143.99
83508.00		188.49	116.49	34.59	151.09	4895.01	4895.01	4999.00	5024.00	5046.10
		187.56	296.40	116.86	413.26	4715.10	0.00	4999.00	5024.00	5128.36
		189.01	316.81	131.35	448.16	4694.69	0.00	4999.00	5024.00	5142.85
#6	83530.00	188.25	91.45	13.21	104.66	4919.55	4919.55	5000.00	5022.00	5024.21
		187.41	268.79	77.23	346.02	4742.21	0.00	5000.00	5022.00	5088.23
		188.95	315.69	88.08	403.77	4695.31	0.00	5000.00	5022.00	5099.08

Engineer : DLY
 Date : 02/22/86
 Input File : LOK3.OUT
 Output File: CON1

STENO	CASEL	LEFT	RIGHT	TOPMID	SSIA	STENCL	STCHL	STCIR	STENCR	ENDSTA
84460.00	192.95	38.80	61.00	99.80	5370.20	5370.00	5390.00	5428.00	5470.00	5470.00
LCA I	192.18	362.78	58.91	329.53	5046.22	0.00	5390.00	5428.00	0.00	5467.91
	193.81	372.45	68.82	441.26	5036.55	0.00	5390.00	5428.00	0.00	5477.82

01-08-86 15:18:53

PAGE 1

THIS RUN EXECUTED 01-08-86 15:18:53

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-KT VERSION AUGUST 1985

SPLIT FLOW BEING PERFORMED

SF SPLIT FLOW AROUND CELLU PRODUCTS BUILDING

TH SPLIT FLOW AROUND CELLU PRODUCTS BUILDING 73981 TO 75529
NSB. 74610. 75529. 73981. 0.015 0.0200
NG75380.260. 75400. 251.5 75424. 252. 75450. 252. 75451. 252.
NG75469.252. 75470. 252. 75529. 252.

C
 T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: YADKINP2.HEC ENG: SKE EA: KMC & EKL CORR 2320
 T3 YADKIN RIVER 100-YEAR EVENT DATE: 01/08/86

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.000000	.00	.0	0.	242.930	.000

J2	HPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHPIM	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

J5 LPRNT NUMSEC *****REQUESTED SECTION NUMBERS*****

	-10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
--	---------	------	------	------	------	------	------	------	------	------

J6	IHLER	ICOPY
	1.000	.000

NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
QT	7.000	3543.000	7863.000	10761.000	21263.000	12102.000	16202.000	10761.000	.000	.000
NH	5.000	.180	4913.000	.120	5000.000	.050	5039.610	.060	5117.100	.120
NH	5155.100	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4970.000	5076.000

LAST BRIDGE CROSS SECTION FOR BRIDGE # 1

X1	73981.000	22.000	5000.000	5039.610	38.600	38.600	38.600	.000	.370	.000
GR	260.000	4863.000	256.000	4876.000	252.000	4888.000	248.000	4896.000	244.000	4906.000
GR	240.000	4913.000	236.000	4975.000	233.000	5000.000	226.150	5003.010	226.450	5010.000
GR	226.480	5020.000	225.710	5025.000	224.930	5030.000	225.020	5036.500	232.900	5039.610
GR	236.000	5069.600	240.000	5107.100	244.000	5117.100	248.000	5127.100	252.000	5137.100
GR	256.000	5147.100	260.000	5155.100	.000	.000	.000	.000	.000	.000

NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.120	5085.000	.050	5170.000	.060	5400.000	.120	5735.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	86.200	.000	.000

CROSS SECTION YM-1

X1	74610.000	20.000	5085.000	5170.000	573.000	598.000	629.000	.000	.000	.000
GR	260.000	5000.000	252.000	5035.000	248.000	5050.000	244.000	5065.000	240.000	5085.000
GR	233.490	5100.000	231.830	5101.000	231.640	5106.000	230.950	5111.000	231.170	5121.000
GR	230.370	5131.000	230.410	5141.000	231.690	5151.000	233.590	5160.000	240.000	5170.000
GR	244.000	5180.000	248.000	5400.000	252.000	5500.000	256.000	5560.000	260.000	5735.000

NH 3.000 .120 5091.000 .043 5177.810 .200 5297.810 .000 .000 .000

CROSS SECTION YAR-B.

X1 74685.000 18.000 5091.000 5177.810 10.000 10.000 75.000 .000 .000 .000
 GR 260.000 5000.000 256.000 5018.000 252.000 5026.000 249.020 5036.000 245.880 5046.000
 GR 243.860 5066.000 241.700 5091.000 233.560 5106.000 230.540 5116.000 230.950 5126.000
 GR 231.810 5135.000 231.300 5146.000 231.760 5156.000 233.480 5168.000 237.010 5173.000
 GR 237.580 5177.810 262.580 5177.810 262.580 5297.810 .000 .000 .000 .000

NH 3.000 .120 5017.500 .040 5081.510 .200 5261.510 .000 .000 .000
 ET .000 .000 .000 .000 .000 .000 .000 66.200 .000 .000

CROSS SECTION YAR-A.

X1 74890.000 13.000 5017.500 5081.510 315.000 185.000 205.000 .000 .000 .000
 GR 260.000 5000.000 256.000 5011.000 252.000 5016.000 250.390 5017.500 236.980 5029.500
 GR 235.750 5037.500 234.560 5047.500 236.980 5057.500 243.290 5067.500 246.600 5073.500
 GR 246.860 5081.510 271.860 5081.510 271.860 5261.510 .000 .000 .000 .000

NH .000 .150 5140.000 .040 5200.000 .100 5290.000 .000 .000 .000

CROSS SECTION YM-3

X1 75380.000 18.000 5140.000 5200.000 460.000 490.000 490.000 .000 .000 .000
 GR 260.000 5000.000 256.000 5020.000 252.000 5050.000 248.000 5060.000 244.000 5075.000
 GR 240.000 5140.000 239.700 5144.000 238.040 5145.000 237.850 5150.000 237.160 5155.000
 GR 237.380 5165.000 238.530 5175.000 236.620 5185.000 237.900 5195.000 244.000 5200.000
 GR 245.000 5225.000 265.000 5225.010 265.000 5290.000 .000 .000 .000 .000

NH 4.000 .150 5200.000 .040 5255.000 .100 5360.000 .200 5525.000 .000
 ET .000 .000 .000 .000 .000 .000 .000 60.210 .000 .000

CROSS SECTION YM-4

X1 75400.000 18.000 5200.000 5255.000 10.000 10.000 20.000 .000 .000 .000
 GR 260.000 5000.000 256.000 5025.000 252.000 5050.000 248.000 5070.000 244.000 5105.000
 GR 240.000 5200.000 238.200 5205.000 238.010 5210.000 237.320 5215.000 237.540 5225.000
 GR 234.740 5235.000 236.780 5245.000 240.000 5255.000 244.000 5260.000 248.000 5310.000
 GR 252.000 5360.000 256.000 5395.000 260.000 5525.000 .000 .000 .000 .000

NC .100 .100 .050 .100 .300 .000 .000 .000 .000 .000
 NH 4.000 .150 5000.000 .040 5070.300 .100 5250.300 .200 5360.300 .000
 ET .000 .000 .000 .000 .000 .000 .000 72.210 .000 .000

FIRST BRIDGE CROSS SECTION FOR BRIDGE # 6

X1 75424.000 23.000 5000.000 5070.300 113.000 98.000 24.000 .000 -.240 .000
 GR 260.000 4628.700 256.000 4723.700 252.000 4793.700 248.000 4875.000 244.000 4920.000
 GR 242.670 5000.000 238.680 5001.010 238.490 5005.000 237.800 5010.000 238.020 5020.000
 GR 237.220 5029.000 237.220 5029.010 237.220 5031.000 237.220 5031.010 237.260 5040.000
 GR 238.540 5051.000 238.740 5059.200 238.850 5060.310 239.810 5070.300 248.000 5155.300
 GR 252.000 5205.300 256.000 5250.300 260.000 5360.300 .000 .000 .000 .000

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FTS
 T2 FILENAME: YADK1HP2.HEC ENG: SKE EA: KHC & EKL CORR# 2320
 T3 YADKIN RIVER 100-YEAR FLOODWAY DATE: 01/08/86

J1	ICHECK	INQ	NIHV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	8.	0.	0.	.000000	.00	.0	0.	243.360	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FX	ALLDC	IBW	CHNIM	ITRACE
	2.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHL0 = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01-08-86 15:21:04

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: YADKINP2.HEC ENG: SKE EA: KHC & EKL COMM 2320
 T3 YADKIN RIVER 10-YEAR DATE: 01/08/86

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	0.	2.	0.	0.	.000000	.00	.0	0.	238.040	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	3.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLCD = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01-08-86 15:21:31

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: YADKINP2.HEC ENG: SKE EA: KMC ? EKL COMM 2320
 T3 YADKIN RIVER 50-YEAR DATE: 01/08/86

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	.000000	.00	.0	0.	241.110	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FW	ALLDC	ISW	CHNIM	ITRACE
	4.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01-08-86 15:22:36

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: YADKINP2.HEC ENG: SKE EA: KMC & EKL CORR 2320
 T3 YADKIN RIVER 100-YEAR DATE: 01/08/86

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.000000	.00	.0	0.	242.930	.000
J2	NPXOF	IFLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	5.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

INLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01-08-86 15:23:27

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: YADKINP2.HEC ENG: SKE EA: KMC & EKL CORR 2320
 T3 YADKIN RIVER 500-YEAR DATE: 01/08/86

J1	ICHECK	I%Q	HINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	.000000	.00	.0	0.	247.640	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01-08-86 15:25:16

 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

YADKIN RIVER

SUMMARY PRINTOUT

SECD	XLCH	CWSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
73981.000	.00	242.93	225.30	4908.52	.00	5000.00	5039.61	.00	5113.50	204.98
73981.000	.00	243.36	225.30	4970.00	4970.00	5000.00	5039.61	5076.00	5076.00	106.00
73981.000	.00	238.04	225.30	4949.12	.00	5000.00	5039.61	.00	5085.26	136.14
73981.000	.00	241.11	225.30	4911.71	.00	5000.00	5039.61	.00	5108.95	197.25
73981.000	.00	242.93	225.30	4908.52	.00	5000.00	5039.61	.00	5113.50	204.98
73981.000	.00	247.64	225.30	4897.83	.00	5000.00	5039.61	.00	5125.27	227.45
74610.000	629.00	245.46	230.37	5059.52	.00	5085.00	5170.00	.00	5260.31	200.79
74610.000	629.00	246.30	230.37	5084.50	5084.50	5085.00	5170.00	5170.50	5170.50	86.00
74610.000	629.00	240.06	230.37	5084.68	.00	5085.00	5170.00	.00	5170.16	85.48
74610.000	629.00	243.75	230.37	5066.24	.00	5085.00	5170.00	.00	5179.38	113.14
74610.000	629.00	245.46	230.37	5059.52	.00	5085.00	5170.00	.00	5260.31	200.79
74610.000	629.00	250.19	230.37	5041.78	.00	5085.00	5170.00	.00	5454.79	413.01
74685.000	75.00	245.64	230.54	5048.48	.00	5091.00	5177.81	.00	5177.80	129.32
74685.000	75.00	246.49	230.54	5091.41	5091.41	5091.00	5177.81	5177.41	5177.40	86.00
74685.000	75.00	240.25	230.54	5093.69	.00	5091.00	5177.81	.00	5177.80	84.11
74685.000	75.00	243.98	230.54	5064.78	.00	5091.00	5177.81	.00	5177.80	113.03
74685.000	75.00	245.64	230.54	5048.48	.00	5091.00	5177.81	.00	5177.80	129.32
74685.000	75.00	249.97	230.54	5032.83	.00	5091.00	5177.81	.00	5177.80	144.98
* 74890.000	205.00	248.88	234.56	5018.85	.00	5017.50	5081.51	.00	5081.50	62.65
* 74890.000	205.00	248.72	234.56	5018.99	5016.50	5017.50	5081.51	5082.50	5081.50	62.51
* 74890.000	205.00	243.15	234.56	5023.97	.00	5017.50	5081.51	.00	5087.29	43.31
* 74890.000	205.00	247.70	234.56	5019.91	.00	5017.50	5081.51	.00	5081.50	61.59
* 74890.000	205.00	248.88	234.56	5018.85	.00	5017.50	5081.51	.00	5081.50	62.65
* 74890.000	205.00	250.61	234.56	5017.30	.00	5017.50	5081.51	.00	5081.50	64.20
75380.000	490.00	254.13	236.58	5034.02	.00	5140.00	5200.00	.00	5225.00	190.98
75380.000	490.00	253.70	236.58	5137.00	5137.00	5140.00	5200.00	5203.00	5203.00	66.00
75380.000	490.00	247.09	236.58	5063.44	.00	5140.00	5200.00	.00	5225.00	161.56
75380.000	490.00	252.37	236.58	5047.23	.00	5140.00	5200.00	.00	5225.00	177.78
75380.000	490.00	254.13	236.58	5034.02	.00	5140.00	5200.00	.00	5225.00	190.98
75380.000	490.00	256.58	236.58	5017.12	.00	5140.00	5200.00	.00	5225.01	207.89

SECNO	XLCH	CUSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPNID
75400.000	20.00	254.42	236.74	5034.85	.00	5200.00	5255.00	.00	5301.20	346.35
75400.000	20.00	253.52	236.74	5197.50	5197.50	5200.00	5255.00	5257.50	5257.50	60.00
75400.000	20.00	247.11	236.74	5077.74	.00	5200.00	5255.00	.00	5298.94	221.20
75400.000	20.00	252.57	236.74	5046.41	.00	5200.00	5255.00	.00	5365.03	318.62
75400.000	20.00	254.42	236.74	5034.85	.00	5200.00	5255.00	.00	5381.20	346.35
75400.000	20.00	256.99	236.74	5018.79	.00	5200.00	5255.00	.00	5427.31	408.53
75424.000	24.00	254.69	236.98	4742.49	.00	5000.00	5070.30	.00	5238.22	495.73
75424.000	24.00	254.38	236.98	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15	72.00
75424.000	24.00	247.33	236.98	4879.87	.00	5000.00	5070.30	.00	5150.81	270.94
75424.000	24.00	252.83	236.98	4775.16	.00	5000.00	5070.30	.00	5217.22	442.06
75424.000	24.00	254.69	236.98	4742.49	.00	5000.00	5070.30	.00	5238.22	495.73
75424.000	24.00	257.28	236.98	4687.71	.00	5000.00	5070.30	.00	5291.97	604.26
75450.000	26.00	254.69	236.98	4742.49	.00	5000.00	5070.30	.00	5238.22	495.73
75450.000	26.00	254.41	236.98	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15	72.00
75450.000	26.00	247.34	236.98	4879.78	.00	5000.00	5070.30	.00	5150.89	271.10
75450.000	26.00	252.83	236.98	4775.06	.00	5000.00	5070.30	.00	5217.28	442.23
75450.000	26.00	254.69	236.98	4742.49	.00	5000.00	5070.30	.00	5238.22	495.73
75450.000	26.00	257.27	236.98	4687.71	.00	5000.00	5070.30	.00	5291.97	604.25
75451.000	1.00	254.81	237.22	4744.52	.00	5000.00	5070.30	.00	5236.91	492.39
75451.000	1.00	254.12	237.22	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15	72.00
75451.000	1.00	247.25	237.22	4883.37	.00	5000.00	5070.30	.00	5139.49	256.13
75451.000	1.00	252.91	237.22	4777.74	.00	5000.00	5070.30	.00	5215.56	437.82
75451.000	1.00	254.81	237.22	4744.52	.00	5000.00	5070.30	.00	5236.91	492.39
75451.000	1.00	257.43	237.22	4689.75	.00	5000.00	5070.30	.00	5289.61	599.86
75469.000	18.00	254.83	237.22	4744.39	.00	5000.00	5070.30	.00	5237.00	492.60
75469.000	18.00	254.30	237.22	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15	72.00
75469.000	18.00	247.37	237.22	4882.06	.00	5000.00	5070.30	.00	5141.96	259.90
75469.000	18.00	252.93	237.22	4777.34	.00	5000.00	5070.30	.00	5215.81	438.47
75469.000	18.00	254.83	237.22	4744.39	.00	5000.00	5070.30	.00	5237.00	492.60
75469.000	18.00	257.44	237.22	4689.75	.00	5000.00	5070.30	.00	5289.61	599.86
75470.000	1.00	254.85	229.00	4743.69	.00	5000.00	5070.30	.00	5237.45	493.75
75470.000	1.00	255.10	229.00	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15	72.00
75470.000	1.00	247.82	229.00	4877.16	.00	5000.00	5070.30	.00	5153.31	276.15
75470.000	1.00	253.02	229.00	4775.87	.00	5000.00	5070.30	.00	5216.76	440.90
75470.000	1.00	254.85	229.00	4743.69	.00	5000.00	5070.30	.00	5237.45	493.75
75470.000	1.00	257.43	229.00	4689.82	.00	5000.00	5070.30	.00	5289.52	599.70
75529.000	59.30	254.84	230.14	4763.99	.00	5000.00	5070.30	.00	5224.40	460.40
75529.000	59.30	254.96	230.14	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15	72.00
75529.000	59.30	247.84	230.14	4899.64	.00	5000.00	5070.30	.00	5141.79	252.15
75529.000	59.30	253.03	230.14	4795.94	.00	5000.00	5070.30	.00	5203.93	407.99
75529.000	59.30	254.84	230.14	4763.99	.00	5000.00	5070.30	.00	5224.40	460.40
75529.000	59.30	257.19	230.14	4722.42	.00	5000.00	5070.30	.00	5251.78	529.35

Engineer : SKE
 Date : 1/31/86
 Input File : YADP2_MP.OUT
 Output File : COM1

	SECHO	CWSEL	LEFT	RIGHT	TOPWID	SSTA	STENCL	STCHL	STCHR	STENCR	ENDSTA
BRG #1, HZ	74291.00	242.66	49.80	56.20	106.00	4970.00	4970.00	5000.00	5039.61	5076.00	5076.00
		242.61	110.73	92.89	203.62	4909.08	0.00	5000.00	5039.61	0.00	5112.70
		246.88	120.08	103.57	223.65	4899.73	0.00	5000.00	5039.61	0.00	5123.38
Ym-1	74975.00	246.06	43.00	43.00	86.00	5084.50	5084.50	5085.00	5170.00	5170.50	5170.50
		245.39	67.68	128.53	196.21	5059.82	0.00	5085.00	5170.00	0.00	5256.03
		249.84	84.39	318.44	402.84	5043.11	0.00	5085.00	5170.00	0.00	5445.94
YAR-B	75035.00	246.26	42.99	43.00	86.00	5091.41	5091.41	5091.00	5177.81	5177.41	5177.40
		245.57	85.29	43.40	128.69	5049.11	0.00	5091.00	5177.81	0.00	5177.80
		249.63	100.45	43.40	143.85	5033.96	0.00	5091.00	5177.81	0.00	5177.80
YAR-A	75505.00	248.73	30.52	32.00	62.51	5018.99	5016.50	5017.50	5081.51	5082.50	5081.50
		248.86	30.63	32.00	62.63	5018.87	0.00	5017.50	5081.51	0.00	5081.50
		250.58	32.19	32.00	64.18	5017.32	0.00	5017.50	5081.51	0.00	5081.50
Ym-3	75735.00	253.68	33.00	33.00	66.00	5137.00	5137.00	5140.00	5200.00	5203.00	5203.00
		254.10	135.71	55.00	190.71	5034.29	0.00	5140.00	5200.00	0.00	5225.00
		256.54	152.70	55.01	207.71	5017.30	0.00	5140.00	5200.00	0.00	5225.01
Ym-4	75755.00	253.50	30.00	30.00	60.00	5197.50	5197.50	5200.00	5255.00	5257.50	5257.50
		254.39	192.41	153.37	345.78	5035.09	0.00	5200.00	5255.00	0.00	5360.87
		256.95	208.48	198.58	407.05	5019.02	0.00	5200.00	5255.00	0.00	5426.08
BRG #6, #1	75785.00	254.33	36.00	36.00	72.00	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15
		254.63	287.56	199.79	487.36	4747.59	0.00	5000.00	5070.30	0.00	5234.94
		257.22	340.54	248.83	589.38	4694.61	0.00	5000.00	5070.30	0.00	5283.98
	75815.00	254.37	36.00	36.00	72.00	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15
		254.64	287.56	199.79	487.35	4747.59	0.00	5000.00	5070.30	0.00	5234.94
		257.22	340.54	248.83	589.37	4694.61	0.00	5000.00	5070.30	0.00	5283.98
	75816.00	254.10	36.00	36.00	72.00	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15
		254.78	290.15	201.46	491.61	4745.00	0.00	5000.00	5070.30	0.00	5236.61
		257.40	344.72	253.67	598.39	4690.43	0.00	5000.00	5070.30	0.00	5288.82
	75834.00	254.27	36.00	36.00	72.00	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15
		254.80	290.28	201.54	491.82	4744.87	0.00	5000.00	5070.30	0.00	5236.69
		257.41	344.71	253.67	598.38	4690.44	0.00	5000.00	5070.30	0.00	5288.82
	75835.00	255.08	36.00	36.00	72.00	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15
		254.83	290.99	202.00	492.98	4744.16	0.00	5000.00	5070.30	0.00	5237.15
		257.40	344.65	253.59	598.23	4690.50	0.00	5000.00	5070.30	0.00	5288.74
BRG #6, #6	75894.00	254.93	36.00	36.00	72.00	4999.15	4999.15	5000.00	5070.30	5071.15	5071.15
		254.81	270.85	189.05	459.90	4744.30	0.00	5000.00	5070.30	0.00	5224.20
		257.16	312.25	216.07	528.32	4722.90	0.00	5000.00	5070.30	0.00	5251.22

THIS RUN EXECUTED 01-13-86 19:27:41

 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 CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK, 1973 FLOOD DATE: 01/13/86 4-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.003858	.00	.0	0.	79.680	.000
J2	HPROF	IPLT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	11.000	12.000	3.000	10.000	1.000	51.000	42.000	5.000	41.000
	25.000	34.000	39.000	.000	38.000	41.000	40.000	45.000	44.000	49.000
	47.000	46.000	13.000	14.000	15.000	43.000	1.000	.000	.000	.000
	38.000	39.000	42.000	1.000	41.000	53.000	21.000	22.000	54.000	4.000
	63.000	23.000	24.000	.000	.000	.000	.000	.000	.000	.000
J6	IHLEQ	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	6.000	4700.000	6940.000	10240.000	13740.000	17270.000	27990.000		.000	.000
NC	.100	.100	.050	.100	.300	.000	.000		.000	.000
NH	5.000	.220	5485.000	.180	5763.500	.046	5873.500		.090	6180.000
NH	7245.000	.000	.000	.000	.000	.000	.000		.000	.000

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATIONS.

QT VALUES REPRESENT THE FOLLOWING EVENTS.

4-YR. 10-YR. 25-YR. 50-YR. 100-YR. 500-YR.
1973. 1977.

LOWER CREEK.

X-SECTION LCA

X1	3605.000	49.000	5763.500	5873.500	.000	5070.000	20.000	5085.000	21.000	5120.000
GR	40.000	5000.000	20.000	5040.000	19.000	5250.000	19.000	5280.000	20.000	5305.000
GR	23.000	5185.000	21.000	5225.000	20.000	5485.000	23.000	5555.000	22.000	5625.000
GR	21.000	5335.000	23.000	5410.000	22.000	5763.500	23.600	5785.500	13.600	5795.500
GR	23.000	5660.000	23.000	5745.000	23.900	5816.500	12.100	5833.500	13.000	5853.500
GR	13.000	5796.500	12.100	5808.500	11.800	5885.000	22.000	5950.000	22.000	6180.000
GR	13.200	5884.500	22.900	5873.500	21.000	6300.000	15.000	6315.000	20.000	6330.000
GR	21.000	6250.000	22.000	6290.000	20.000	6485.000	22.000	6565.000	22.000	6745.000
GR	22.000	6350.000	21.000	6420.000	21.000	7000.000	23.000	7075.000	24.000	7110.000
GR	23.000	6830.000	22.000	6910.000	22.000	7220.000	40.000	7245.000	.000	.000
GR	28.000	7170.000	32.000	7195.000	36.000					
NH	4.000	.100	5678.500	.046	5746.000	.090	6272.000	.150	6377.000	.000

X-SECTION LCB

X1	4630.000	49.000	5678.500	5746.000	1025.000	1025.000	1025.000	1025.000	1025.000	1025.000
GR	40.000	5000.000	38.000	5065.000	36.000	5090.000	36.000	5125.000	35.000	5202.000
GR	33.000	5288.000	36.000	5334.000	38.000	5372.000	40.000	5402.000	42.000	5449.000
GR	40.000	5500.000	38.000	5530.000	36.000	5560.000	32.000	5570.000	28.000	5600.000
GR	26.000	5630.000	21.000	5650.000	20.000	5663.000	22.000	5678.500	14.100	5684.500
GR	14.000	5685.500	13.400	5693.500	12.900	5703.500	12.900	5713.500	14.000	5714.500
GR	13.800	5718.500	16.000	5723.000	20.000	5734.000	21.000	5746.000	22.000	5797.000
GR	22.000	5850.000	23.000	5912.000	22.000	5962.000	22.000	6024.000	21.000	6076.000
GR	20.000	6117.000	24.000	6137.000	16.000	6147.000	24.000	6152.000	19.000	6182.000
GR	20.000	6212.000	21.000	6232.000	24.000	6272.000	24.000	6282.000	26.000	6287.000
GR	28.000	6320.000	32.000	6337.000	36.000	6359.000	40.000	6377.000	.000	.000
QT	6.000	4300.000	6320.050	9290.000	12420.000	13540.000	25160.000	.000	.000	.000
NH	4.000	.100	4950.000	.046	5121.000	.090	5490.000	.150	5830.000	.000

FIRST X-SECTION FOR BRIDGE # A

X1	5610.600	38.000	4950.000	5121.000	980.600	980.600	980.600	980.600	980.600	980.600
GR	40.000	4520.000	36.000	4560.000	32.000	4665.000	30.000	4730.000	28.370	4800.000
GR	27.230	4850.000	26.690	4900.000	26.370	4950.000	15.000	5000.000	15.000	5000.010
GR	14.700	5005.000	13.600	5007.500	13.700	5010.000	14.200	5015.000	14.500	5020.000
GR	13.700	5025.000	14.300	5030.000	14.900	5035.000	14.900	5035.010	13.700	5036.300
GR	13.700	5036.310	13.800	5040.000	14.100	5045.000	13.500	5050.000	13.700	5055.000
GR	14.000	5060.000	14.000	5065.000	13.700	5071.000	13.700	5071.010	24.000	5121.000
GR	24.000	5171.000	24.000	5221.000	24.000	5271.000	24.000	5380.000	24.000	5490.000
GR	28.000	5650.000	36.000	5730.000	44.000	5830.000	.000	.000	.000	.000

NH	4.000	.100	4950.000	.046	5121.000	.090	5490.000	.150	5830.000	.000
HC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
MH	4.000	.100	4950.000	.046	5121.000	.090	5490.000	.150	5830.000	.000
X1	5893.600	.000	.000	.000	283.000	.000	283.000	.000	13.700	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # A. CALICO RD.

X1	5894.600	41.000	4950.000	5121.000	1.000	1.000	1.000	.000	32.000	.000
BT	-38.000	4520.000	40.000	40.000	4560.000	36.000	36.000	.000	27.230	32.000
BT	.000	4739.000	30.000	30.000	4800.000	28.370	28.370	.000	25.980	27.230
BT	.000	4900.000	26.690	26.690	4950.000	26.370	26.370	.000	25.980	27.230
BT	.000	5000.010	28.510	23.510	5005.000	28.480	23.480	.000	28.470	23.470
BT	.000	5010.000	28.460	23.460	5015.000	28.450	23.450	.000	28.430	23.430
BT	.000	5025.000	28.420	23.420	5030.000	28.390	23.390	.000	28.410	23.410
BT	.000	5035.010	28.410	14.900	5036.310	28.410	13.700	.000	28.410	23.410
BT	.000	5040.000	28.420	23.420	5045.000	28.410	23.410	.000	28.430	23.430
BT	.000	5055.000	28.430	23.430	5050.000	28.430	23.430	.000	28.430	23.430
BT	.000	5071.000	28.450	23.450	5071.010	25.820	13.700	.000	25.770	24.000
BT	.000	5171.000	25.750	24.000	5221.000	25.470	24.000	.000	25.650	24.000
BT	.000	5380.000	30.000	24.000	5490.000	32.000	24.000	.000	36.000	28.000
BT	.000	5730.000	40.000	36.000	5830.000	44.000	44.000	.000	4800.000	4800.000
GR	40.000	4520.000	36.000	4560.000	32.000	4665.000	30.000	.000	28.370	15.000
GR	27.230	4850.000	26.690	4900.000	26.370	4950.000	15.000	.000	13.600	5008.510
GR	14.700	5005.000	13.600	5007.500	15.400	5007.510	15.400	.000	14.300	5030.000
GR	13.700	5010.000	14.200	5015.000	14.700	5020.000	13.700	.000	14.300	5040.000
GR	14.900	5035.000	14.900	5035.010	13.700	5036.300	13.700	.000	13.800	5060.000
GR	14.100	5045.000	13.500	5050.000	13.700	5055.000	14.000	.000	14.000	5065.000
GR	13.700	5071.000	13.700	5071.010	13.700	5121.000	24.000	.000	24.000	5221.000
GR	24.000	5271.000	24.000	5380.000	24.000	5490.000	28.000	.000	36.000	5730.000
GR	44.000	5830.000	.000	.000	.000	.000	.000	.000	.000	.000

NH	4.000	.180	4950.000	.046	5121.000	.090	5490.000	.150	5830.000	.000
X1	5916.700	38.000	4950.000	5121.000	1.000	1.000	1.000	.000	13.700	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	40.000	4520.000	36.000	4560.000	32.000	4665.000	30.000	.000	28.370	15.000
GR	27.230	4850.000	26.690	4900.000	26.370	4950.000	15.000	.000	13.600	5008.510
GR	14.700	5005.000	13.600	5007.500	15.400	5007.510	15.400	.000	14.300	5030.000
GR	13.700	5010.000	14.300	5015.000	14.900	5020.000	13.700	.000	14.300	5040.000
GR	13.700	5035.000	13.800	5036.310	14.100	5045.000	13.500	.000	13.700	5060.000
GR	14.000	5060.000	14.000	5065.000	13.700	5071.000	24.000	.000	24.000	5221.000
GR	24.000	5171.000	24.000	5221.000	24.000	5271.000	28.000	.000	36.000	5730.000
GR	28.000	5650.000	36.000	5730.000	44.000	5830.000	.000	.000	.000	.000

X-SECTION LCE

X1	21055.000	40.000	6550.000	6630.000	1888.000	1838.000	1888.000	.000	.000	.000
GR	52.000	5000.000	44.000	5050.000	48.000	5670.000	48.000	5130.000	45.000	5180.000
GR	44.000	5215.000	43.000	5290.000	43.000	5365.000	44.000	5400.000	43.000	5475.000
GR	45.000	5585.000	44.000	5640.000	43.000	5665.000	44.000	5700.000	45.000	5805.000
GR	45.000	5905.000	44.000	5935.000	43.000	6000.000	43.000	6055.000	42.000	6110.000
GR	43.000	6160.000	42.000	6220.000	44.000	6290.000	45.000	6360.000	45.000	6490.000
GR	44.000	6550.000	31.250	6560.000	30.850	6565.000	30.750	6585.000	30.850	6605.000
GR	31.250	6610.000	44.000	6630.000	45.000	6660.000	45.000	6695.000	44.000	6720.000
GR	43.000	6745.000	44.000	6885.000	48.000	6915.000	52.000	6950.000	56.000	6970.000
NH	5.000	.150	5140.000	.110	5280.000	.046	5360.000	.100	6015.000	.150
NH	6105.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X-SECTION LCF

X1	23157.000	21.000	5280.000	5360.000	2102.000	2102.000	2102.000	.000	.000	.000
GR	60.000	5000.000	55.000	5035.000	50.000	5090.000	48.600	5140.000	45.000	5280.000
GR	40.000	5285.000	35.500	5289.000	35.000	5293.000	34.700	5303.000	34.300	5319.000
GR	34.300	5333.000	34.300	5342.000	35.000	5348.000	35.000	5350.000	40.000	5355.000
GR	45.000	5360.000	46.500	5525.000	47.500	5820.000	50.000	6015.000	55.000	6080.000
GR	60.000	6105.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	3.000	.150	5000.000	.046	5089.000	.160	6415.000	.000	.000	.000

BOTTOM OF WATER FALLS

X1	24357.000	20.000	5000.000	5089.000	1200.000	1200.000	1200.000	.000	.000	.000
GR	75.000	4619.000	70.000	4814.000	65.000	4919.000	60.000	4974.000	55.000	4994.000
GR	50.000	5000.000	34.890	5014.000	33.500	5025.000	33.480	5033.000	33.900	5042.000
GR	31.390	5051.000	31.790	5056.000	33.340	5061.000	34.890	5071.500	47.010	5089.000
GR	48.300	5275.000	49.100	5990.000	50.000	6350.000	55.000	6395.000	60.000	6415.000
NH	3.000	.150	5000.000	.046	5082.000	.160	6415.000	.000	.000	.000

TOP OF WATER FALLS

X1	24362.000	18.000	5000.000	5082.000	5.000	5.000	5.000	.000	.000	.000
GR	75.000	4619.000	70.000	4814.000	65.000	4919.000	60.000	4974.000	55.000	4994.000
GR	50.000	5000.000	37.650	5015.000	36.810	5025.000	36.550	5045.000	37.210	5055.000
GR	37.550	5065.000	37.650	5076.500	47.400	5082.000	48.300	5275.000	49.100	5550.000
GR	50.000	6350.000	55.000	6395.000	60.000	6415.000	.000	.000	.000	.000
NH	3.000	.180	5440.000	.046	5534.000	.160	6015.000	.000	.000	.000

X-SECTION LCG

X1	25482.000	18.000	5440.000	5534.000	1120.000	1120.000	1120.000	.000	.000	.000
GR	60.000	5000.000	55.000	5040.000	50.000	5072.000	49.200	5440.000	41.400	5451.000
GR	39.000	5456.000	37.000	5461.000	36.900	5470.000	38.400	5480.000	38.800	5493.000
GR	38.500	5505.000	39.000	5515.000	42.000	5520.000	48.000	5534.000	47.900	5550.000
GR	50.000	5705.000	55.000	5995.000	60.000	6015.000	.000	.000	.000	.000

X-SECTION LCH

NH	4.000	.150	5145.000	.046	5265.000	.095	5500.000	.200	6153.000	.000
X1	27410.000	25.000	5145.000	5265.000	1928.000	1928.000	1928.000	.000	42.500	5166.000
GR	70.000	3000.000	65.000	5114.000	55.000	5114.010	55.900	5145.000	42.500	5221.000
GR	41.800	5166.010	41.900	5181.000	42.109	5201.000	41.600	5214.000	50.000	5500.000
GR	43.500	5222.000	55.700	5239.000	55.700	5265.000	50.000	5275.000	45.000	5698.000
GR	50.000	5610.000	50.000	5646.000	45.000	5651.000	44.000	5675.000	65.000	6153.000
GR	49.800	5793.000	50.000	5910.000	55.000	6023.000	60.000	6083.000		
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000

FIRST X-SECTION FOR # C.

X1	27472.000	38.000	4991.000	5064.500	62.000	62.000	62.000	.000	55.970	4855.000
GR	75.000	4800.000	70.000	4810.000	65.000	4825.000	60.000	4845.000	48.620	4999.990
GR	55.470	4903.000	56.010	4934.000	53.370	4991.000	50.070	4996.500	42.870	5015.000
GR	46.770	5020.000	46.060	5002.720	45.470	5005.000	42.870	5010.000	41.570	5040.000
GR	42.470	5020.000	42.270	5025.000	41.870	5030.000	41.970	5035.000	49.270	5055.000
GR	43.870	5045.000	46.280	5048.890	46.970	5050.000	48.880	5050.010	54.100	5150.000
GR	50.000	5064.500	52.000	5084.000	54.000	5096.000	55.300	5118.000	54.100	5150.000
GR	50.000	5400.000	50.000	5510.000	50.000	5540.000	45.000	5560.000	50.000	5620.000
GR	55.000	5720.000	60.000	5800.000	65.000	5840.000	.000	5840.000	.000	5840.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000

BRIDGE # C. SEWAGE TREATMENT PLANT.

X1	27656.000	.000	75.000	75.000	1.000	1.000	1.000	.000	65.000	55.000
BT	-38.000	4800.000	60.000	4855.000	70.000	4885.000	55.970	4903.000	50.070	50.070
BT	.000	4845.000	56.010	4891.000	53.370	4996.500	50.070	4996.500	48.660	50.070
BT	.000	4934.000	48.620	4991.000	48.620	5007.720	46.770	5007.720	46.180	46.060
BT	.000	4999.990	48.700	5000.000	48.750	5015.000	46.150	5015.000	46.280	46.280
BT	.000	5005.000	48.820	5010.000	48.870	5030.000	46.300	5030.000	46.300	46.300
BT	.000	5020.000	48.880	5040.000	48.900	5045.000	46.300	5045.000	46.300	46.300
BT	.000	5035.000	48.880	5050.000	48.880	5050.010	46.300	5050.010	48.880	48.880
BT	.000	5048.890	49.270	5064.500	49.270	5084.000	46.300	5084.000	52.000	52.000
BT	.000	5096.000	59.970	54.000	55.300	5150.000	50.000	5150.000	54.100	54.100
BT	.000	5400.000	50.000	5510.000	50.000	5540.000	50.000	5540.000	50.000	50.000
BT	.000	5560.000	45.000	5620.000	50.000	5720.000	55.000	5720.000	55.000	55.000
BT	.000	5800.000	60.000	5840.000	65.000	5840.000	.000	5840.000	.000	.000

NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
X1	27654.000	.000	.000	8.000	8.000	8.000	8.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
X1	27665.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	53.370	50.000	.000
QT	6.000	3930.000	5790.000	8520.000	11420.000	14180.000	23150.000	.000	.000	.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000

LAST X-SECTION FOR #C.

X1	27710.000	.000	.000	.000	45.000	45.000	45.000	.000	.070	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000

FIRST X-SECTION FOR PIPE U/S OF S.T.P.

X1	23674.000	23.000	5000.000	5092.000	964.000	964.000	964.000	.000	.460	.000
GR	75.000	4942.000	70.000	4957.000	65.000	4972.000	60.000	4987.000	55.000	5000.000
GR	49.400	5016.000	48.730	5016.010	44.630	5024.000	44.023	5035.000	44.240	5050.000
GR	43.460	5060.000	43.920	5072.000	44.630	5080.000	49.210	5085.000	49.880	5085.010
GR	54.280	5092.000	54.000	5350.000	53.000	5512.000	55.000	5792.000	60.000	5837.000
GR	65.000	5887.000	70.000	5907.000	75.000	5967.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	4.000	.150	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
X1	28949.000	.000	.000	.000	275.000	275.000	275.000	.000	.400	.000
X3	10.000	.000	.000	.000	.000	.000	.000	49.400	49.880	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000

PIPE, U/S OF THE SEWAGE TREATMENT PLANT

X1	28950.000	.000	.000	.000	1.000	1.000	1.000	.000	.030	.000
BT	-23.000	4942.000	75.000	4957.000	60.000	4972.000	70.000	4987.000	65.000	65.000
BT	.000	4987.000	60.000	5000.000	55.000	5016.000	55.000	5016.000	49.400	49.400
BT	.000	5016.010	49.400	5024.000	49.290	5035.000	48.620	5035.000	49.130	48.580
BT	.000	5050.000	48.920	5060.000	49.190	5072.000	48.520	5072.000	49.520	48.850
BT	.000	5080.000	49.740	5085.000	49.880	5085.010	49.210	5085.010	49.880	49.880
BT	.000	5092.000	54.980	54.980	54.000	54.000	54.000	5312.000	53.000	53.000
BT	.000	5792.000	55.000	5837.000	60.000	5887.000	60.000	5887.000	65.000	65.000
BT	.000	5907.000	70.000	5967.000	75.000	75.000	75.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
X1	28951.000	.000	.000	.000	.670	.670	.670	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
X1	28952.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	49.400	49.880	.000

QT	6.000	3830.000	5640.000	8310.000	11140.000	13940.000	22620.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000

LAST X-SECTION FOR PIPE U/S OF S.T.P.

X1	29019.000	.000	.000	.000	68.000	68.000	68.000	.000	.110	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	3.000	.150	5236.000	.048	5327.000	.180	5830.000	.000	.000	.000

X-SECTION LCI

X1	31030.000	19.000	5229.000	5360.000	2011.000	2011.000	2011.000	.000	.000	.000
GR	75.000	5000.000	70.000	5205.000	65.000	5215.000	60.000	5229.000	56.130	5236.000
GR	48.000	5249.000	47.240	5254.000	47.140	5262.000	46.790	5282.000	48.000	5292.000
GR	50.000	5300.000	55.000	5305.000	57.640	5327.000	60.000	5360.000	60.000	5585.000
GR	60.000	5720.000	65.000	5775.000	70.000	5800.000	75.000	5830.000	.000	.000
NH	3.000	.150	5065.000	.048	5165.000	.180	5650.000	.000	.000	.000

X-SECTION #2 FROM C.O.E. NOV. 1977 RECONNAISSANCE STUDY

X1	31330.000	15.000	5065.000	5165.000	300.000	300.000	300.000	.000	.000	.000
GR	90.000	4910.000	75.000	4911.000	75.000	4950.000	69.000	5000.000	67.300	5065.000
GR	46.200	5090.000	48.000	5120.000	46.000	5140.000	46.500	5150.000	60.200	5165.000
GR	58.700	5200.000	58.000	5300.000	60.000	5525.000	65.000	5570.000	80.000	5650.000
QT	6.000	3380.000	4970.000	7320.000	9800.000	12190.000	19880.000	.000	.000	.000
NH	4.000	.150	5000.000	.048	5075.000	.085	5540.000	.200	6000.000	.000

FIRST X-SECTION FOR BRIDGE D

X1	32443.000	23.000	5000.000	5075.000	1113.000	1113.000	1113.000	.000	.130	.000
GR	70.000	4920.000	65.000	5000.000	60.000	5015.000	55.000	5025.000	52.200	5030.000
GR	48.600	5033.770	47.700	5037.550	48.810	5038.090	46.100	5041.320	47.500	5045.100
GR	48.900	5049.330	48.300	5050.610	50.500	5052.650	50.800	5056.420	52.600	5058.910
GR	55.800	5059.900	56.700	5060.200	60.000	5075.000	60.000	5300.000	60.000	5520.000
GR	65.000	5540.000	70.000	5580.000	75.000	6000.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	4.000	.150	5000.000	.048	5075.000	.085	5540.000	.200	6000.000	.000
X1	32754.000	.000	.000	.000	311.000	311.000	311.000	.000	.130	.000
X3	10.000	.000	.000	.000	.000	.000	.000	65.000	60.000	.000

NH 3.000 .150 5000.000 .048 5183.000 .085 5283.000 .000 .000

BRIDGE D. SOUTHERN R.R. AT BROYHILL.

X1	32755.000	46.000	5000.000	5083.000	1.000	1.000	1.000	5002.000	.000	.000
BT	-46.000	4970.000	70.840	70.840	5000.000	71.050	62.000	5014.950	71.070	61.200
BT	.000	5002.010	71.070	68.550	5005.000	71.090	68.550	5014.950	71.090	68.560
BT	.000	5014.500	71.100	68.560	5014.940	71.100	68.560	5014.950	71.100	68.570
BT	.000	5015.800	71.100	57.100	5015.810	71.100	68.560	5020.000	71.110	68.570
BT	.000	5025.000	71.120	68.590	5027.690	71.120	68.600	5027.700	71.120	68.600
BT	.000	5028.550	71.120	50.900	5028.560	71.120	68.600	5030.000	71.120	68.600
BT	.000	5035.000	71.120	68.590	5040.000	71.140	68.590	5040.690	71.140	68.590
BT	.000	5040.700	71.140	48.100	5041.550	71.130	48.100	5041.560	71.130	68.590
BT	.000	5045.000	71.110	68.590	5050.000	71.110	48.300	5056.440	71.110	68.590
BT	.000	5056.450	71.110	48.300	5057.300	71.110	48.300	5057.310	71.110	68.590
BT	.000	5060.000	71.110	68.590	5065.000	71.110	68.590	5068.290	71.120	68.600
BT	.000	5068.300	71.120	52.600	5069.150	71.120	52.600	5069.160	71.120	68.600
BT	.000	5070.000	71.120	68.600	5075.000	71.110	68.590	5080.000	71.070	68.590
BT	.000	5080.390	71.060	68.590	5080.400	71.060	63.300	5083.000	71.030	64.000
BT	.630	5133.000	71.150	71.150	5183.000	71.410	71.410	5233.000	71.600	71.600
BT	.000	5283.000	71.410	71.410	.000	.000	.000	.000	.000	.000
GR	70.840	4970.000	62.000	5000.000	61.200	5002.000	61.200	5002.010	61.100	5005.000
GR	61.300	5010.000	58.400	5014.500	57.100	5014.940	57.100	5014.950	57.100	5015.800
GR	57.100	5015.810	55.400	5020.000	53.700	5025.000	52.600	5027.690	52.600	5027.700
GR	50.900	5028.550	50.900	5028.560	50.200	5030.000	48.600	5035.000	47.700	5040.000
GR	48.100	5040.690	48.100	5040.700	48.100	5041.550	48.100	5041.560	48.100	5045.000
GR	47.500	5050.000	48.300	5056.440	48.300	5056.450	48.300	5057.300	48.300	5057.310
GR	50.500	5060.000	50.800	5065.000	52.600	5069.150	52.600	5068.300	52.600	5069.160
GR	52.600	5069.160	56.700	5070.000	60.000	5075.000	61.300	5080.000	63.300	5080.390
GR	63.300	5090.400	64.000	5083.000	71.150	5133.000	71.410	5183.000	71.600	5233.000
GR	71.410	5283.000	.000	.000	.000	.000	.000	.000	.000	.000

NH	3.000	.150	5000.000	.048	5183.000	.085	5283.000	.000	.000
X1	32780.000	.000	.000	.000	25.000	25.000	25.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	3.000	.150	5000.000	.048	5183.000	.085	5283.000	.000	.000
X1	32781.000	.000	.000	.000	1.000	1.000	1.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	3.000	.110	5010.000	.048	5070.000	.085	5090.000	.000	.000

LAST X-SECTION FOR D.
FIRST X-SECTION FOR E.

X1	32158.000	20.000	5010.000	5070.000	77.000	77.000	77.000	5020.000	.000	.000
GR	75.000	4999.000	70.000	5000.000	65.000	5010.000	60.000	5030.000	54.500	5030.000
GR	50.200	5033.770	50.000	5037.550	51.110	5038.080	48.400	5041.320	49.800	5045.100
GR	51.200	5069.330	50.600	5050.610	52.800	5052.650	53.100	5056.420	54.900	5058.910
GR	58.100	5059.900	59.000	5060.200	65.000	5070.000	70.000	5085.000	75.000	5090.000

NH	4.000	.150	4800.000	.048	5135.510	.085	5900.000	.200	6350.000	.000
X1	32906.000	47.000	4800.000	5135.510	48.000	48.000	48.000	57.400	65.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	80.000	4455.000	75.000	4695.000	5070.000	4860.000	65.000	5000.000	5000.000	.000
GR	57.400	5000.010	55.600	5005.000	51.500	5020.000	51.500	5020.000	5020.000	.000
GR	51.700	5025.000	51.600	5030.000	52.000	5040.000	52.100	5050.000	5064.000	.000
GR	52.500	5044.010	52.500	5045.500	51.500	5050.000	52.100	5055.000	5055.000	.000
GR	52.000	5060.000	52.200	5065.000	5070.000	5080.000	32.400	5080.000	5080.000	.000
GR	52.100	5085.000	51.800	5089.000	51.800	5090.500	51.800	5090.510	5090.510	.000
GR	52.200	5095.000	55.600	5100.000	57.400	58.400	60.100	5115.000	5115.000	.000
GR	61.800	5120.000	63.700	5125.000	5105.000	5130.000	65.000	5135.500	5135.500	.000
GR	65.000	5135.510	65.000	5169.000	5130.000	5135.000	65.000	5135.000	5135.000	.000
GR	72.000	5900.000	76.400	6350.000	5219.000	5269.000	70.000	5319.000	5319.000	.000

BRIDGE # E. COMPLEX ST. AT BROYHILL.

NH	4.000	.150	4800.000	.048	5135.510	.085	5900.000	.200	6350.000	.000
X1	32907.000	.000	80.000	.000	1.000	1.000	1.000	.000	70.000	.000
BT	-47.000	4465.000	75.000	80.000	75.960	75.000	75.000	4750.000	75.000	.000
BT	.000	4800.000	75.000	65.000	71.680	57.400	74.130	5000.010	74.130	.000
BT	.000	5005.000	74.130	70.130	74.160	70.130	74.180	5015.000	74.180	.000
BT	.000	5020.000	74.270	70.130	74.190	70.120	74.190	5030.000	74.190	.000
BT	.000	5035.000	74.190	70.120	74.140	70.120	74.120	5044.000	74.120	.000
BT	.000	5044.010	74.120	52.500	74.120	52.500	74.120	5045.510	74.120	.000
BT	.000	5050.000	74.110	5055.000	74.110	5060.000	74.110	5060.000	74.110	.000
BT	.000	5065.000	74.110	5070.000	74.120	5075.000	74.130	5075.000	74.130	.000
BT	.000	5080.000	74.110	5085.000	74.120	5089.000	74.120	5089.000	74.120	.000
BT	.000	5089.010	74.120	51.800	74.120	51.800	74.120	5090.510	74.120	.000
BT	.000	5095.000	74.120	5100.000	74.150	5105.000	74.140	5105.000	74.140	.000
BT	.000	5110.000	74.130	5115.000	74.110	5120.000	74.110	5120.000	74.110	.000
BT	.000	5125.000	74.100	5130.000	74.060	5135.000	74.110	5135.000	74.110	.000
BT	.000	5135.500	74.150	5135.510	71.580	5169.000	71.650	5169.000	71.650	.000
BT	.000	5219.000	71.510	66.000	71.440	67.000	71.100	5319.000	71.100	.000
BT	.000	5900.000	72.000	72.000	76.400	76.400	.000	.000	70.000	.000

LAST X-SECTION FOR E.

NH	4.000	.150	4800.000	.048	5135.510	.085	5900.000	.200	6350.000	.000
X1	32938.000	.000	.000	.000	30.300	30.300	30.300	.000	.000	.000
X2	.000	.000	.000	.000	.000	1.000	1.000	.000	.000	.000
NH	4.000	.150	4800.000	.048	5135.510	.085	5900.000	.200	6350.000	.000
X1	32939.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	57.400	57.400	.000	65.000	.000
NH	4.000	.150	4800.000	.048	5135.510	.085	5900.000	.200	6350.000	.000

X-SECTION LCJ

X1	33672.000	17.000	5905.000	5975.000	599.000	599.000	599.000	.000	.000	.000
GR	75.000	5000.000	70.000	5027.000	65.000	5057.000	62.000	5280.000	69.000	5905.000
GR	57.600	5924.000	55.270	5925.000	54.050	5930.000	54.030	5940.000	53.750	5950.000
GR	55.270	5954.000	63.950	5960.000	72.000	5975.000	70.000	6027.000	70.000	6470.000
GR	70.000	6720.000	75.000	6770.000	.000	.000	.000	.000	.000	.000
NH	5.000	.150	4396.000	.110	5000.000	.048	5088.000	.085	5866.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

FIRST X-SECTION FOR PIPE D/S OF FAIRVIEW

X1	34012.000	21.000	5000.000	5088.000	340.000	340.000	340.000	.000	.120	.000
GR	80.000	4346.000	75.000	4376.000	70.000	4396.000	65.000	4451.000	65.000	4861.000
GR	66.000	4936.000	69.000	5000.000	63.140	5010.000	62.470	5010.010	54.640	5019.000
GR	54.100	5037.000	54.020	5047.000	54.640	5063.000	63.040	5073.000	63.710	5073.010
GR	72.000	5088.000	70.000	5216.000	70.000	5806.000	73.000	5866.000	75.000	5956.000
GR	80.000	6326.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	.150	4396.000	.110	5000.000	.048	5088.000	.085	5866.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	34263.000	.000	.000	.000	251.000	251.000	251.000	.000	.120	.000
X3	10.000	.000	.000	.000	.000	.000	.000	63.140	63.710	.000
NH	5.000	.150	4396.000	.110	5000.000	.048	5088.000	.085	5866.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

PIPE D/S OF FAIRVIEW

X1	34264.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	21.000	4346.000	80.000	80.000	4376.000	75.000	75.000	4396.000	70.000	70.000
BT	.000	4451.000	65.000	65.000	4861.000	65.000	65.000	4936.000	66.000	66.000
BT	.000	5000.000	69.000	69.000	5010.000	63.140	63.140	5010.010	63.140	62.470
BT	.000	5019.000	63.220	62.550	5037.000	63.380	62.710	5047.000	63.470	62.800
BT	.000	5063.000	63.620	62.950	5073.000	63.710	63.040	5073.010	63.710	63.710
BT	.000	5088.000	72.000	72.000	5216.000	70.000	70.000	5806.000	70.000	70.000
BT	.000	5866.000	73.000	73.000	5956.000	75.000	75.000	6326.000	80.000	80.000
NH	5.000	.150	4396.000	.110	5000.000	.048	5088.000	.085	5866.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	34265.000	.000	.000	.000	.670	.670	.670	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	.150	4396.000	.110	5000.000	.048	5088.000	.085	5866.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	34266.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	63.140	63.710	.000

NH 5.000 150 4396.000 .110 5000.000 .045 5088.000 .095 5866.000 100.000
 NH 6326.000 .000 .000 .000 .000 .000 .000 .000 .000

LAST X-SECTION FOR PIPE D/S OF FAIRVIEW

X1 34328.000 .000 .000 62.000 62.000 .000 .070 .000 .000
 MC .100 .100 .050 .100 .300 .000 .000 .000 .000
 NH 3.000 .110 4900.000 .048 5177.000 .065 5590.000 .000 .000

FIRST X-SECTION FOR #F

X1 34816.000 44.000 4900.000 5177.000 488.000 488.000 .000 .000 .000
 GR 85.000 4590.000 73.000 4690.000 70.000 4800.000 70.000 4850.000 4900.000
 GR 66.000 4950.000 61.500 5000.000 61.500 5001.000 61.500 5001.000 5015.000
 GR 61.500 5002.800 61.500 5002.810 61.500 5005.000 61.500 5005.000 5037.500
 GR 59.300 5020.000 56.400 5025.000 55.000 5030.000 55.000 5035.000 5039.260
 GR 55.000 5037.510 55.000 5038.250 55.000 5038.250 55.000 5039.250 5055.000
 GR 55.000 5040.000 55.000 5040.010 55.000 5045.000 55.000 5050.000 5055.000
 GR 56.300 5060.000 56.800 5065.000 57.000 5069.100 57.000 5069.110 5071.000
 GR 57.000 5071.010 60.000 5077.200 65.000 5077.210 65.000 5127.000 5071.000
 GR 70.000 5227.000 70.000 5277.000 76.000 5590.000 76.000 5590.000 5177.000
 MC .000 .000 .000 .300 .000 .000 .000 .000 .000
 NH 3.000 .110 4900.000 .048 5177.000 .085 5590.000 .000 .000
 X1 35101.000 .000 .000 .000 .000 .000 .000 .000 .000
 X3 10.000 .000 .000 .000 .000 .000 .000 .000 .000
 NH 3.000 .110 4900.000 .048 5177.000 .085 5590.000 .000 .000

BRIDGE F. FAIRVIEW DR.

X1 35102.000 .000 .000 1.000 1.000 .000 .000 .000 .000
 BT -44.000 4590.000 85.000 4690.000 80.000 4800.000 80.000 4850.000 4900.000
 BT .000 4850.000 73.770 4900.000 72.410 4950.000 71.490 4950.000 5000.000
 BT .000 5000.000 70.850 5000.010 73.360 5001.000 73.360 5001.000 5015.000
 BT .000 5001.010 73.360 5002.800 73.360 5002.810 73.360 5002.810 5037.500
 BT .000 5005.000 73.350 5010.000 73.340 5010.000 73.360 5015.000 5039.260
 BT .000 5020.000 73.340 5025.000 73.340 5030.000 73.320 5030.000 5055.000
 BT .000 5035.000 73.320 5037.500 73.320 5037.510 73.320 5037.510 5071.000
 BT .000 5038.250 73.330 5038.260 73.330 5039.250 73.340 5039.250 5071.000
 BT .000 5039.260 73.340 5040.000 73.360 5040.010 73.340 5040.010 5071.000
 BT .000 5045.000 73.360 5050.000 73.360 5050.000 73.360 5055.000 5071.000
 BT .000 5060.000 73.320 5065.000 73.300 5065.100 73.300 5069.100 5071.000
 BT .000 5069.110 73.300 5071.000 73.300 5071.010 73.300 5071.010 5071.000
 BT .000 5077.200 73.290 5077.210 70.690 5077.210 70.800 5127.000 5071.000
 BT .000 5177.000 71.110 5227.000 71.320 5227.000 71.480 5277.000 5071.000
 BT .000 5500.000 73.000 5590.000 76.000 5590.000 76.000 5590.000 5177.000

SECHO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	GLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 4

INLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

CCHV= .100 CEHV= .300

1490 NH CARD USED

*SECHO 3605.000

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATIONS.

QT VALUES REPRESENT THE FOLLOWING EVENTS.

4-YR. 10-YR. 25-YR. 50-YR. 100-YR. 500-YR.
1973. 1977.

LOWER CREEK.

X-SECTION LCA

3605.00	12.68	24.48	.00	79.68	25.00	.52	.00	.00	23.90
13740.	1826.	7234.	4680.	1973.	915.	3290.	0.	0.	22.90
.00	.93	7.91	1.42	.212	.046	.130	.000	11.80	5031.04
.003850	0.	0.	0.	0	0	9	.00	2086.17	7117.21

0
1490 NH CARD USED

*SECHO 4630.000

X-SECTION LCB

4630.00	14.53	27.43	.00	.00	27.50	.38	2.78	.01	22.00
13740.	691.	5574.	7475.	332.	779.	3105.	122.	33.	21.00
.07	2.08	7.16	2.41	.100	.046	.090	.000	12.90	5604.29
.002093	1025.	1025.	1025.	3	0	0	.00	706.27	6310.56

0
1490 NH CARD USED

*SECHO 5610.600

FIRST X-SECTION FOR BRIDGE # A

5610.60	15.41	28.74	.00	.00	29.01	.27	1.20	.01	26.20
12420.	186.	9418.	2816.	278.	1969.	2281.	221.	51.	23.83
.14	.67	4.78	1.23	.100	.046	.096	.000	13.33	4776.87
.000864	981.	981.	981.	3	0	0	.00	882.22	5659.09

0

THIS RUN EXECUTED 01-13-86 19:39:25

 H5C2 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK, DATE: 01/13/86 100-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	H/INS	Q	WSEL	FQ
	0.	6.	0.	0.	.003858	.00	.0	0.	79.680	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	I&W	CHNIN	ITRACE
	5.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

0.001073

THIS RUN EXECUTED 01-13-86 19:44:20

 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

73 flood
 10 yr
~~25~~ 77 flood
 50 yr
 100
 500

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

LOWER CREEK, 1973 FLOOD

SUMMARY PRINTOUT

#1 HV 7 HVNS
 #2

#1 *
 #2

SECHO	HL	OLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
3605.000	.00	.00	21.89	.78	21.11	.00	11.80	38.27	.00	952.40	759.72	.00
3605.000	.00	.00	23.32	.81	22.51	.00	11.80	38.51	.00	2270.18	1118.32	.00
3605.000	.00	.00	24.28	.75	23.54	.00	11.80	38.59	.00	4222.66	1648.49	.00
3605.000	.00	.00	25.00	.52	24.48	.00	11.80	38.50	.00	6177.29	2214.32	.00
3605.000	.00	.00	25.63	.52	25.11	.00	11.80	38.56	.00	7484.85	2781.31	.00
3605.000	.00	.00	27.24	.54	26.70	.00	11.80	38.41	.00	10842.86	4516.19	.00
4630.000	2.42	.05	24.36	.26	24.10	2.99	12.90	17.08	.00	1975.48	1137.09	1025.00
4630.000	2.27	.06	25.65	.25	25.40	2.89	12.90	15.56	.00	2833.62	1759.15	1025.00
4630.000	2.51	.04	26.84	.30	26.54	3.00	12.90	17.98	.00	3597.31	2415.01	1025.00
4630.000	2.78	.01	27.80	.38	27.43	2.95	12.90	20.98	.00	4216.52	3000.05	1025.00
4630.000	3.01	.01	28.64	.44	28.20	3.09	12.90	23.66	.00	4762.81	3550.67	1025.00
4630.000	3.46	.03	30.73	.64	30.09	3.39	12.90	30.06	.00	6151.02	5105.09	1025.00
5610.600	.83	.01	25.20	.14	25.07	.96	13.33	5.59	.00	1830.65	1817.99	980.60
5610.500	.89	.01	26.55	.17	26.38	.98	13.33	6.43	.00	2639.86	2492.24	980.60
5610.600	1.05	.01	27.90	.23	27.67	1.14	13.33	7.63	.00	3619.79	3364.24	980.60
5610.600	1.20	.01	29.01	.27	28.74	1.51	13.33	8.64	.00	4528.23	4225.22	980.60
5610.600	1.32	.01	29.98	.32	29.66	1.46	13.33	9.39	.00	5353.49	5070.28	980.60
5610.600	1.60	.02	32.34	.42	31.92	1.83	13.33	11.16	.00	7578.51	7530.79	980.60
5893.600	.16	.00	25.36	.14	25.22	.16	13.50	5.63	.00	1823.27	1812.36	283.00
5893.600	.18	.00	26.73	.17	26.56	.18	13.50	6.39	.00	2648.04	2499.61	283.00
5893.600	.21	.00	28.11	.22	27.89	.22	13.50	7.46	.00	3659.74	3400.49	283.00
5893.600	.24	.00	29.26	.27	28.99	.25	13.50	8.36	.00	4599.30	4295.32	283.00
5893.600	.26	.00	30.24	.31	29.93	.27	13.50	9.03	.00	5460.83	5171.59	283.00
5893.600	.31	.01	32.66	.41	32.25	.33	13.50	10.69	.00	7745.24	7728.18	283.00
5894.600	.00	.27	25.63	.67	24.96	-.27	13.50	55.08	44.00	652.94	579.37	1.00
5894.600	.00	.61	27.34	1.39	25.96	-.60	13.50	167.34	44.00	709.84	488.56	1.00
5894.600	.00	.72	28.84	1.66	27.18	-.71	13.50	241.03	44.00	1076.70	598.39	1.00
5894.600	.02	.48	29.77	1.27	28.50	-.48	13.50	238.03	44.00	1652.46	805.02	1.00
5894.600	.00	.37	30.61	1.05	29.57	-.37	13.50	165.01	44.00	2278.32	1209.75	1.00
5894.600	.00	.23	32.88	.85	32.03	-.22	13.50	97.74	44.00	4049.67	2544.87	1.00

SECHO	HL	GLOSS	EG	HV	CMSEL	DIFRFX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
5915.400	.11	.00	25.75	.67	25.07	.11	13.50	55.08	44.00	652.94	579.38	20.80
5915.400	.31	.15	27.80	.90	26.90	.94	13.50	134.25	44.00	971.43	545.46	20.80
5915.400	.31	.31	29.46	.62	28.84	1.66	13.50	108.61	44.00	1834.89	891.40	20.80
5915.400	.34	.14	30.25	.79	29.46	.96	13.50	123.43	44.00	2207.71	1118.07	20.80
5915.400	.31	.03	30.95	.93	30.02	.45	13.50	133.69	44.00	2543.29	1343.99	20.80
5915.400	.21	.05	33.14	.96	32.19	.16	13.50	104.06	44.00	4179.79	2466.48	20.80
5916.400	.00	.17	25.92	.11	25.81	.74	13.50	4.23	.00	2175.12	2091.48	1.00
5916.400	.00	.24	28.04	.10	27.94	1.04	13.50	3.39	.00	3703.35	3430.65	1.00
5916.400	.00	.15	29.61	.13	29.42	.64	13.50	3.92	.00	5040.60	4693.83	1.00
5916.400	.00	.18	30.44	.18	30.25	.79	13.50	5.25	.00	5766.46	5420.69	1.00
5916.400	.00	.21	31.76	.24	30.93	.91	13.50	6.48	.00	6422.82	6102.48	1.00
5916.400	.02	.18	33.32	.37	32.96	.77	13.50	9.00	.00	8490.75	8384.40	1.00
5986.400	.03	.00	25.95	.11	25.84	.03	13.54	4.26	.00	2165.92	2083.94	70.00
5986.400	.02	.00	28.06	.10	27.96	.02	13.54	3.43	.00	3883.64	3413.04	70.00
5986.400	.03	.00	29.63	.13	29.50	.03	13.54	3.94	.00	5026.52	4680.10	70.00
5986.400	.04	.00	30.47	.18	30.29	.04	13.54	5.26	.00	5758.88	5412.95	70.00
5986.400	.05	.00	31.21	.24	30.97	.05	13.54	6.49	.00	6420.76	6100.32	70.00
5986.400	.06	.00	33.39	.37	33.02	.07	13.54	8.96	.00	8510.93	8407.63	70.00
9730.000	1.14	.01	27.09	.03	27.06	1.22	15.80	2.36	.00	5432.03	2801.83	3743.60
9730.000	.90	.01	28.97	.03	28.95	.99	15.80	1.86	.00	7696.63	4634.21	3743.60
9730.000	.99	.01	30.64	.03	30.61	1.10	15.80	2.00	.00	9720.88	6568.72	3743.60
9730.000	1.24	.01	31.73	.04	31.69	1.40	15.80	2.42	.00	11037.65	7981.50	3743.60
9730.000	1.46	.02	32.69	.05	32.63	1.66	15.80	2.78	.00	12242.01	9316.38	3743.60
9730.000	1.89	.03	35.30	.08	35.22	2.20	15.80	3.51	.00	15560.77	13432.01	3743.60
16317.000	6.54	.17	33.80	.60	33.20	6.14	24.80	41.87	.00	1407.70	664.56	6587.00
16317.000	5.73	.17	34.88	.60	34.23	5.33	24.80	40.75	.00	2230.72	990.08	6587.00
16317.000	6.38	.07	37.10	.28	36.82	6.21	24.80	17.38	.00	4824.16	2228.27	6587.00
16317.000	6.44	.07	38.24	.29	37.95	6.27	24.80	17.13	.00	6102.58	3000.71	6587.00
16317.000	6.51	.08	39.27	.30	38.96	6.33	24.80	16.97	.00	7236.96	3772.37	6587.00
16317.000	6.59	.08	41.97	.34	41.62	6.40	24.80	16.49	.00	10273.84	6195.81	6587.00
18585.000	4.63	.04	38.47	.20	38.26	5.06	27.30	13.48	.00	1925.36	1171.08	2268.00
18585.000	4.75	.04	39.67	.22	39.45	5.17	27.30	14.10	.00	2619.58	1682.89	2268.00
18585.000	3.81	.00	40.91	.26	40.65	3.83	27.30	16.27	.00	3485.88	2303.12	2268.00
18585.000	3.83	.00	42.07	.30	41.77	3.82	27.30	16.62	.00	4352.03	3046.30	2268.00
18585.000	3.83	.01	43.10	.33	42.77	3.81	27.30	16.79	.00	5156.67	3752.98	2268.00
18585.000	3.79	.02	45.78	.41	45.37	3.74	27.30	16.93	.00	7400.96	6114.57	2268.00
19028.000	.58	.00	39.05	.19	38.86	.59	27.80	12.64	.00	1981.20	1209.36	443.00
19028.000	.61	.01	40.28	.20	40.08	.63	27.80	13.31	.00	2700.26	1732.53	443.00
19028.000	.69	.01	41.60	.25	41.35	.71	27.80	14.79	.00	3496.52	2415.56	443.00
19028.000	.71	.00	42.79	.29	42.50	.72	27.80	15.48	.00	4241.37	3156.50	443.00
19028.000	.72	.00	43.83	.33	43.50	.73	27.80	15.95	.00	4926.37	3891.54	443.00
19028.000	.72	.01	46.51	.39	46.12	.75	27.80	15.63	.00	7625.45	6363.70	443.00

#1
#2

#1
#2

SECHD	HL	CLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
#2 19029.000	.00	.21	39.26	.61	38.65	-.21	27.80	30.56	48.88	687.59	777.79	1.00
19029.000	.00	.39	40.68	.99	39.69	-.39	27.80	44.18	48.88	791.97	950.82	1.00
19029.000	.00	.73	42.33	1.70	40.63	-.72	27.80	72.20	48.88	857.64	1093.31	1.00
19029.000	.00	1.15	43.94	2.59	41.35	-1.14	27.80	99.72	48.88	962.57	1243.73	1.00
19029.000	.00	1.66	45.49	3.65	41.84	-1.66	27.80	131.33	48.88	1013.81	1356.03	1.00
* 19029.000	.03	.63	50.63	1.70	48.93	2.82	27.80	298.19	48.88	3306.89	1457.02	1.00
19056.000	.08	.01	39.35	.59	38.76	.11	27.80	29.22	48.88	698.08	795.53	27.70
19056.000	.12	.01	40.81	.95	39.86	.17	27.80	43.00	48.88	809.05	963.81	27.70
19056.000	.19	.04	42.56	1.57	40.99	.36	27.80	63.68	48.88	925.14	1164.17	27.70
19056.000	.24	.11	44.29	2.23	42.06	.71	27.80	77.68	48.88	1037.45	1409.14	27.70
19056.000	.52	.07	46.09	3.40	42.69	.84	27.80	268.79	48.88	1050.32	947.85	27.70
19056.000	.41	.33	51.37	.60	50.77	1.83	27.80	98.26	48.88	5111.37	2538.13	27.70
19057.000	.00	.13	39.48	.14	39.34	.58	27.80	9.35	.00	2257.57	1406.53	1.00
19057.000	.00	.24	41.05	.14	40.92	1.06	27.80	3.59	.00	3218.81	2156.56	1.00
19057.000	.00	.43	42.99	.14	42.84	1.85	27.80	7.47	.00	4472.53	3299.13	1.00
19057.000	.00	.62	44.91	.15	44.76	2.70	27.80	6.43	.00	5803.91	4899.36	1.00
19057.000	.00	.98	47.07	.12	46.95	4.26	27.80	4.60	.00	8400.52	7244.41	1.00
19057.000	.00	.14	51.51	.13	51.38	.61	27.80	3.75	.00	12733.61	12990.70	1.00
19167.000	.11	.00	39.59	.15	39.44	.10	27.98	9.22	.00	2210.68	1372.20	110.00
19167.000	.10	.00	41.15	.14	41.01	.09	27.98	8.94	.00	3250.96	2113.98	110.00
19167.000	.08	.00	43.07	.14	42.93	.09	27.98	7.50	.00	4732.11	3392.78	110.00
19167.000	.07	.00	44.98	.14	44.85	.08	27.98	6.24	.00	6336.46	4972.68	110.00
19167.000	.05	.00	47.13	.12	47.00	.05	27.98	4.78	.00	8283.66	7109.64	110.00
19167.000	.04	.00	51.55	.13	51.42	.04	27.98	3.87	.00	12593.43	12781.64	110.00
2.055.000	2.81	.14	42.54	.61	41.93	2.49	30.75	22.51	.00	687.62	906.26	1888.00
21055.000	3.31	.22	44.38	.86	43.52	2.51	30.75	28.51	.00	1143.42	1183.67	1888.00
21055.000	2.72	.21	46.00	.85	45.15	2.23	30.75	27.69	.00	2862.27	1765.52	1888.00
21055.000	2.29	.11	47.39	.51	46.88	2.03	30.75	18.03	.00	5896.05	2925.06	1888.00
21055.000	1.62	.06	48.80	.33	48.48	1.48	30.75	12.35	.00	8327.45	4421.23	1888.00
21055.000	1.01	.01	52.38	.18	52.41	.98	30.75	6.87	.00	16394.58	9596.50	1888.00
23157.000	3.75	.02	46.30	.45	45.85	3.92	34.30	14.76	.00	850.42	1119.06	2102.00
23157.000	3.99	.04	48.41	.51	47.90	4.38	34.30	14.22	.00	1751.02	1676.09	2102.00
23157.000	4.01	.03	50.05	.52	49.52	4.37	34.30	14.56	.00	3012.12	2434.69	2102.00
23157.000	3.67	.03	51.08	.60	50.48	3.60	34.30	16.90	.00	3878.56	3021.17	2102.00
23157.000	3.14	.09	52.04	.62	51.41	2.94	34.30	17.56	.00	4774.50	3708.04	2102.00
23157.000	2.30	.11	54.99	.54	54.45	2.04	34.30	14.99	.00	7794.02	6497.95	2102.00
24357.000	1.28	.01	47.59	.30	47.30	1.44	31.39	8.34	.00	987.47	1489.04	1200.00
24357.000	1.39	.01	49.80	.41	49.40	1.50	31.39	9.76	.00	1982.66	2023.43	1200.00
24357.000	1.48	.01	51.53	.45	51.08	1.56	31.39	10.65	.00	4191.08	2847.07	1200.00
24357.000	1.66	.01	52.75	.48	52.27	1.79	31.39	11.69	.00	5802.49	3633.01	1200.00
24357.000	1.74	.01	53.79	.51	53.28	1.87	31.39	12.35	.00	7199.00	4421.34	1200.00
24357.000	1.64	.00	56.63	.51	56.12	1.67	31.39	12.50	.00	11148.75	7117.63	1200.00

SECNO	HL	GLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
24362.000	.01	.09	47.69	.59	47.10	-.20	36.55	23.07	.00	694.92	895.22	5.00
24362.000	.01	.10	49.92	.75	49.16	-.23	36.55	24.06	.00	1428.31	1288.33	5.00
24362.000	.01	.06	51.60	.66	50.95	-.14	36.55	21.10	.00	3683.01	2022.23	5.00
24362.000	.01	.04	52.80	.61	52.19	-.08	36.55	20.01	.00	5381.44	2776.79	5.00
24362.000	.01	.02	53.82	.58	53.24	-.04	36.55	19.30	.00	6827.90	3537.55	5.00
24362.000	.01	.00	56.64	.51	56.13	.01	36.55	16.75	.00	10856.20	6147.84	5.00
25482.000	1.95	.02	49.66	.39	49.27	2.18	36.90	14.01	.00	939.64	1146.92	1120.00
25482.000	1.86	.03	51.81	.43	51.38	2.21	36.90	12.64	.00	2191.50	1777.38	1120.00
25482.000	1.90	.01	53.51	.52	52.99	2.05	36.90	14.18	.00	3441.46	2466.86	1120.00
25482.000	2.01	.01	54.81	.63	54.18	1.99	36.90	16.23	.00	4470.58	3083.23	1120.00
25482.000	2.07	.04	55.92	.71	55.22	1.98	36.90	17.67	.00	5436.15	3697.03	1120.00
25482.000	2.04	.10	58.78	.85	57.92	1.79	36.90	19.72	.00	8069.90	5665.77	1120.00
27410.000	2.52	.02	52.20	.21	51.99	2.72	41.60	12.28	.00	2523.57	1227.28	1928.00
27410.000	2.16	.03	53.99	.17	53.82	2.44	41.60	10.05	.00	3970.20	1993.27	1928.00
27410.000	2.35	.04	55.90	.14	55.77	2.77	41.60	10.67	.00	5618.79	2843.70	1928.00
27410.000	2.45	.05	57.31	.16	57.16	2.97	41.60	10.47	.00	6905.15	3837.63	1928.00
27410.000	2.54	.05	58.52	.18	58.34	3.12	41.60	10.52	.00	8022.78	4791.63	1928.00
27410.000	2.72	.06	61.56	.24	61.32	3.40	41.60	11.01	.00	10904.38	7583.56	1928.00
27472.000	.15	.15	52.50	.71	51.79	-.20	41.59	47.79	.00	1207.27	622.00	62.00
27472.000	.11	.12	54.22	.56	53.66	-.16	41.59	33.53	.00	2206.23	1091.49	62.00
27472.000	.10	.09	56.09	.45	55.65	-.12	41.59	23.94	.00	3632.23	1898.73	62.00
27472.000	.09	.08	57.49	.43	57.06	-.10	41.59	21.52	.00	4873.65	2677.51	62.00
27472.000	.09	.07	58.68	.42	58.26	-.08	41.59	20.14	.00	5969.01	3462.95	62.00
27472.000	.09	.06	61.71	.44	61.27	-.05	41.59	18.34	.00	8821.37	5875.74	62.00
27655.000	.61	.09	53.20	.40	52.80	1.00	41.57	25.31	.00	1720.42	854.66	183.00
27655.000	.49	.05	54.76	.39	54.37	.71	41.57	21.93	.00	2694.20	1349.70	183.00
27655.000	.38	.03	56.50	.35	56.15	.51	41.57	18.35	.00	4083.30	2168.87	183.00
27655.000	.35	.02	57.86	.35	57.51	.45	41.57	17.48	.00	5297.21	2970.84	183.00
27655.000	.34	.02	59.04	.36	58.67	.41	41.57	16.97	.00	6371.23	3772.33	183.00
27655.000	.32	.01	62.04	.40	61.64	.37	41.57	16.29	.00	9200.71	6233.82	183.00
27656.000	.00	.05	53.25	.24	53.01	.21	41.57	82.92	75.00	1641.14	472.20	1.00
27656.000	.00	.06	54.82	.18	54.64	.27	41.57	52.91	75.00	2633.20	868.89	1.00
27656.000	.00	.06	56.56	.15	56.41	.26	41.57	36.85	75.00	3988.30	1530.29	1.00
27656.000	.00	.06	57.92	.15	57.77	.26	41.57	31.81	75.00	5183.15	2202.26	1.00
27656.000	.00	.06	59.10	.16	58.95	.27	41.57	29.01	75.00	6253.53	2885.25	1.00
27656.000	.00	.07	62.11	.17	61.93	.29	41.57	24.89	75.00	9113.19	5043.17	1.00
27664.000	.06	.00	53.32	.23	53.09	.08	41.57	77.91	75.00	1683.23	487.17	8.00
27664.000	.04	.00	54.87	.18	54.69	.05	41.57	51.61	75.00	2657.07	879.73	8.00
27664.000	.03	.00	56.59	.15	56.44	.03	41.57	36.41	75.00	4006.30	1539.60	8.00
27664.000	.03	.00	57.95	.15	57.80	.03	41.57	31.51	75.00	5200.06	2212.49	8.00
27664.000	.02	.00	59.12	.15	58.97	.02	41.57	28.79	75.00	6269.98	2896.28	8.00
27664.000	.02	.00	62.13	.17	61.95	.02	41.57	24.76	75.00	9128.87	5056.30	8.00

SECHO	HL	OLOSS	EG	HV	CVSEL	DIFWGX	ELMIN	10K'S	ELLC	AREA	.01K	XLCH
27665.000	.00	.06	53.39	.36	53.03	-.06	41.57	22.16	.00	1845.11	913.51	1.00
27665.000	.00	.08	54.95	.34	54.61	-.08	41.57	19.22	.00	2857.74	1441.72	1.00
27665.000	.00	.08	56.68	.32	56.36	-.08	41.57	16.57	.00	4267.16	2282.40	1.00
27665.000	.00	.09	58.04	.33	57.71	-.09	41.57	16.01	.00	5483.72	3104.25	1.00
27665.000	.00	.09	59.22	.34	58.88	-.09	41.57	15.69	.00	6562.14	3922.85	1.00
27665.000	.00	.10	62.23	.38	61.85	-.10	41.57	15.29	.00	9409.37	6434.20	1.00
27710.000	.09	.02	53.50	.28	53.22	.19	41.64	17.28	.00	1912.03	945.45	45.00
27710.000	.08	.02	55.05	.27	54.77	.16	41.64	15.34	.00	2922.14	1478.32	45.00
27710.000	.07	.02	56.77	.26	56.50	.14	41.64	13.44	.00	4332.94	2323.75	45.00
27710.000	.06	.02	58.12	.27	57.85	.14	41.64	13.14	.00	5547.67	3150.58	45.00
27710.000	.06	.02	59.30	.27	59.03	.15	41.64	12.70	.00	6632.85	3979.18	45.00
27710.000	.06	.02	62.31	.31	62.00	.15	41.64	12.66	.00	9482.87	6505.35	45.00
28674.000	1.45	.01	54.96	.32	54.64	1.42	43.06	13.28	.00	1462.81	1078.38	964.00
28674.000	1.34	.02	56.40	.33	56.08	1.30	43.06	12.66	.00	2617.91	1627.02	964.00
28674.000	1.23	.02	58.02	.33	57.69	1.18	43.06	12.16	.00	3938.90	2443.23	964.00
28674.000	1.22	.02	59.37	.35	59.02	1.17	43.06	12.28	.00	5052.66	3258.23	964.00
28674.000	1.20	.03	60.53	.36	60.17	1.14	43.06	12.24	.00	6025.32	4053.65	964.00
28674.000	1.22	.03	63.56	.42	63.14	1.14	43.06	12.65	.00	8632.94	6509.65	964.00
28949.000	.37	.00	55.33	.33	55.00	.37	43.46	13.52	.00	1437.84	1068.63	275.00
28949.000	.35	.00	56.76	.33	56.42	.35	43.46	13.02	.00	2577.28	1694.85	275.00
28949.000	.34	.00	58.36	.34	58.02	.33	43.46	12.48	.00	3891.94	2411.27	275.00
28949.000	.34	.00	59.71	.36	59.36	.34	43.46	12.57	.00	5005.19	3221.37	275.00
28949.000	.34	.00	60.87	.37	60.50	.34	43.46	12.49	.00	5976.22	4011.73	275.00
28949.000	.35	.00	63.92	.43	63.49	.35	43.46	12.83	.00	8586.29	6462.03	275.00
28950.000	.00	.01	55.34	.30	55.04	.03	43.46	45.92	75.00	1422.73	579.94	1.00
28950.000	.00	.04	56.80	.20	56.59	.17	43.46	31.55	75.00	2671.61	1030.77	1.00
28950.000	.00	.05	58.41	.17	58.25	.22	43.46	24.89	75.00	4027.14	1707.78	1.00
28950.000	.00	.06	59.78	.16	59.62	.26	43.46	22.59	75.00	5173.43	2402.66	1.00
28950.000	.00	.06	60.94	.16	60.78	.28	43.46	21.16	75.00	6163.58	3082.90	1.00
28950.000	.00	.08	63.99	.18	63.82	.33	43.46	19.60	75.00	8638.37	5228.60	1.00
28951.000	.00	.00	55.34	.30	55.04	.00	43.46	45.86	75.00	1424.25	580.36	.67
28951.000	.00	.00	56.80	.20	56.60	.00	43.46	31.55	75.00	2671.63	1030.78	.67
28951.000	.00	.00	58.41	.17	58.25	.00	43.46	24.89	75.00	4027.19	1707.81	.67
28951.000	.00	.00	59.78	.16	59.62	.00	43.46	22.59	75.00	5173.64	2402.79	.67
28951.000	.00	.00	60.94	.16	60.78	.00	43.46	21.15	75.00	6163.88	3083.12	.67
28951.000	.00	.00	64.00	.18	63.82	.00	43.46	19.60	75.00	8638.82	5228.99	.67
28952.000	.00	.01	55.35	.32	55.03	-.01	43.46	13.21	.00	1469.70	1081.09	1.00
28952.000	.00	.05	56.86	.31	56.54	-.05	43.46	12.20	.00	2673.96	1657.92	1.00
28952.000	.00	.08	58.49	.32	58.18	-.07	43.46	11.68	.00	4010.98	2492.69	1.00
28952.000	.00	.09	59.87	.33	59.53	-.09	43.46	11.75	.00	5145.94	3331.20	1.00
28952.000	.00	.10	61.03	.35	60.69	-.09	43.46	11.72	.00	6128.48	4142.30	1.00
28952.000	.00	.12	64.11	.41	63.70	-.11	43.46	12.08	.00	8781.32	6661.89	1.00

SECHD	HL	OLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*5	ELLC	AREA	.01K	XLCH
29019.000	.09	.00	55.45	.31	55.14	.11	43.57	12.61	.00	1462.73	1078.35	68.00
29019.000	.08	.00	56.94	.30	56.64	.10	43.57	11.64	.00	2665.78	1653.38	68.00
29019.000	.08	.00	58.57	.30	58.27	.10	43.57	11.19	.00	3998.79	2484.30	68.00
29019.000	.08	.00	59.95	.32	59.63	.10	43.57	11.19	.00	5144.48	3330.05	68.00
29019.000	.08	.00	61.12	.33	60.78	.10	43.57	11.18	.00	6124.65	4138.99	68.00
29019.000	.08	.01	64.20	.39	63.81	.10	43.57	11.54	.00	8779.20	6659.71	68.00
31030.000	3.29	.04	58.78	.44	58.33	3.19	46.79	21.19	.00	716.00	831.98	2011.00
31030.000	3.44	.10	60.48	.62	59.86	3.22	46.79	25.16	.00	895.30	1124.48	2011.00
31030.000	3.59	.14	62.30	.77	61.54	3.27	46.79	28.48	.00	1678.82	1557.08	2011.00
31030.000	3.69	.16	63.80	.86	62.94	3.31	46.79	30.08	.00	2417.92	2031.11	2011.00
31030.000	3.74	.18	65.04	.92	64.11	3.33	46.79	30.98	.00	3049.66	2486.72	2011.00
31030.000	3.90	.21	68.31	1.09	67.22	3.41	46.79	32.67	.00	4796.41	3957.76	2011.00
31330.000	.40	.02	59.19	.28	58.92	.59	46.00	9.78	.00	1004.23	1224.43	300.00
31330.000	.49	.02	60.99	.38	60.61	.75	46.00	12.21	.00	1683.43	1614.38	300.00
31330.000	.58	.03	62.91	.50	62.41	.87	46.00	14.54	.00	2521.63	2179.33	300.00
31330.000	.65	.02	64.47	.61	63.86	.91	46.00	16.78	.00	3222.87	2719.37	300.00
31330.000	.70	.02	65.75	.71	65.04	.93	46.00	18.55	.00	3312.64	3213.60	300.00
31330.000	.80	.01	69.13	.98	68.15	.93	46.00	22.68	.00	5417.06	4749.88	300.00
32443.000	2.23	.11	61.53	.64	60.90	1.98	46.23	41.11	.00	798.55	527.15	1113.00
32443.000	1.93	.00	62.93	.35	62.58	1.97	46.23	24.66	.00	1668.46	1000.92	1113.00
32443.000	1.75	.03	64.28	.24	64.45	2.04	46.23	16.96	.00	2651.65	1777.61	1113.00
32443.000	1.70	.04	66.21	.21	65.99	2.14	46.23	13.95	.00	3494.84	2623.65	1113.00
32443.000	1.67	.05	67.47	.22	67.25	2.21	46.23	12.55	.00	4220.83	3440.33	1113.00
32443.000	1.62	.07	70.82	.24	70.58	2.44	46.23	10.72	.00	6325.62	6070.99	1113.00
32754.000	.66	.13	62.33	.20	62.12	1.22	46.10	14.43	.00	1497.30	889.93	311.00
32754.000	.55	.05	63.53	.19	63.34	.75	46.10	13.77	.00	2132.06	1339.13	311.00
32754.000	.44	.02	65.14	.17	64.97	.52	46.10	12.07	.00	3003.36	2106.95	311.00
32754.000	.38	.01	66.60	.17	66.42	.43	46.10	10.85	.00	3813.55	2975.07	311.00
32754.000	.35	.01	67.83	.18	67.65	.39	46.10	10.24	.00	4533.93	3809.25	311.00
32754.000	.31	.01	71.14	.22	70.92	.34	46.10	9.34	.00	6666.89	6505.50	311.00
32755.000	.00	.12	62.45	.44	62.01	-.11	46.10	19.77	71.60	637.19	760.22	1.00
32755.000	.00	.28	63.81	.75	63.06	-.28	46.10	29.62	71.60	714.87	913.18	1.00
32755.000	.00	.54	65.68	1.25	64.43	-.54	46.10	41.35	71.60	816.94	1138.40	1.00
32755.000	.00	.83	67.43	1.83	65.60	-.82	46.10	52.91	71.60	903.83	1347.28	1.00
32755.000	.00	1.13	68.96	2.44	66.52	-1.13	46.10	64.36	71.60	971.49	1519.53	1.00
* 32755.000	.02	1.32	75.80	2.90	72.90	1.98	46.10	231.13	71.60	1644.39	1307.63	1.00
32780.000	.05	.00	62.50	.43	62.06	.06	46.10	19.42	71.60	640.78	767.07	25.00
32780.000	.07	.00	63.89	.74	63.15	.09	46.10	28.75	71.60	721.58	926.84	25.00
32780.000	.10	.01	65.79	1.22	64.57	.14	46.10	39.65	71.60	827.28	1162.51	25.00
32780.000	.13	.02	67.57	1.77	65.80	.20	46.10	50.13	71.60	918.56	1384.07	25.00
32780.000	.15	.03	69.15	2.34	66.81	.29	46.10	59.76	71.60	993.32	1576.87	25.00
32780.000	.34	.48	76.62	1.30	75.31	2.41	46.10	95.02	71.60	2398.87	2039.44	25.00

SECHD	HL	GLOSS	EG	HV	CMSEL	DIFNSX	ELMIN	10K'S	ELLC	AREA	.01K	XLCH
32781.000	.00	.02	62.52	.37	62.15	.08	46.10	16.72	.00	693.51	826.53	1.00
32781.000	.00	.07	63.92	.62	63.30	.15	46.10	24.21	.00	786.25	1010.09	1.00
32781.000	.00	.03	65.86	.99	64.87	.29	46.10	32.86	.00	915.34	1276.92	1.00
32781.000	.00	.11	67.39	1.39	66.29	.49	46.10	39.22	.00	1034.12	1564.89	1.00
32781.000	.01	.17	69.32	1.79	67.54	.72	46.10	44.28	.00	1136.60	1831.79	1.00
32781.000	.00	.09	76.72	.99	75.73	.41	46.10	15.85	.00	3149.09	4993.81	1.00
32858.000	.34	.43	63.29	1.23	62.06	.09	48.40	71.68	.00	379.18	399.22	77.00
32858.000	.51	.71	65.15	2.05	63.10	.20	48.40	109.34	.00	432.90	475.30	77.00
32858.000	.72	1.11	67.69	3.21	64.48	.39	48.40	154.25	.00	509.47	589.38	77.00
32858.000	.87	1.53	70.09	4.45	65.64	.65	48.40	187.72	.00	580.16	715.27	77.00
32858.000	1.51	1.24	72.27	5.43	66.84	.69	48.40	196.52	.00	659.68	869.55	77.00
32858.000	.38	1.71	78.81	4.42	74.39	-1.34	48.40	82.24	.00	1287.54	2192.11	77.00
32906.000	.03	.35	63.68	.06	63.62	1.56	50.90	3.69	.00	1735.37	1758.51	48.00
32906.000	.03	.59	65.77	.07	65.71	2.61	50.90	3.30	.00	2438.83	2737.04	48.00
32906.000	.02	.94	68.65	.07	68.58	4.10	50.90	2.19	.00	3827.06	4945.09	48.00
32906.000	.02	1.31	71.42	.07	71.35	5.71	50.90	1.60	.00	5651.56	7751.50	48.00
32906.000	.01	1.61	73.89	.06	73.84	7.00	50.90	1.16	.00	8692.24	11297.19	48.00
32906.000	.01	1.31	80.13	.04	80.09	5.69	50.90	.64	.00	19286.45	24904.38	48.00
32907.000	.00	.03	63.71	.13	63.58	-.03	50.90	4.25	80.00	1187.90	1639.54	1.00
32907.000	.00	.06	65.83	.18	65.65	-.06	50.90	5.28	80.00	1450.27	2162.55	1.00
32907.000	.00	.09	68.74	.25	68.49	-.09	50.90	5.31	80.00	1826.65	3176.72	1.00
32907.000	.00	.15	71.56	.36	71.21	-.15	50.90	16.14	80.00	2047.04	2439.10	1.00
32907.000	.00	.10	74.00	.26	73.74	-.10	50.90	21.87	80.00	4008.91	2606.53	1.00
32907.000	.00	.00	80.13	.04	80.08	.00	50.90	3.67	80.00	14387.40	10330.12	1.00
32932.000	.01	.00	63.72	.13	63.60	.01	50.90	4.23	80.00	1189.36	1642.61	30.30
32938.000	.02	.00	65.85	.18	65.67	.02	50.90	5.26	80.00	1451.99	2166.83	30.30
32938.000	.02	.00	68.76	.25	68.51	.02	50.90	5.30	80.00	1828.15	3181.08	30.30
32938.000	.05	.00	71.61	.36	71.26	.05	50.90	16.14	80.00	2052.12	2439.30	30.30
32938.000	.07	.00	74.06	.25	73.82	.08	50.90	21.36	80.00	4094.57	2637.57	30.30
32938.000	.01	.00	80.14	.04	80.10	.01	50.90	3.67	80.00	14388.75	10381.45	30.30
32939.000	.00	.02	63.74	.06	63.69	.09	50.90	3.59	.00	1754.46	1783.07	1.00
32939.000	.00	.04	65.89	.06	65.82	.15	50.90	3.13	.00	2485.52	2810.56	1.00
32939.000	.00	.06	68.81	.06	68.75	.24	50.90	2.07	.00	3915.56	5093.38	1.00
32939.000	.00	.09	71.70	.06	71.64	.39	50.90	1.46	.00	5946.35	8100.09	1.00
32939.000	.00	.06	74.12	.05	74.07	.26	50.90	1.09	.00	9018.23	11687.97	1.00
32939.000	.00	.00	80.14	.04	80.10	.00	50.90	.64	.00	19305.16	24931.17	1.00
32951.000	.00	.00	63.75	.06	63.69	.01	50.90	3.41	.00	1788.50	1811.59	12.00
32951.000	.00	.00	65.89	.06	65.83	.01	50.90	2.94	.00	2521.12	2896.47	12.00
32951.000	.00	.00	68.81	.06	68.75	.00	50.90	2.00	.00	3951.39	5182.23	12.00
32951.000	.00	.00	71.70	.06	71.64	.00	50.90	1.43	.00	5990.98	8194.97	12.00
32951.000	.00	.00	74.12	.05	74.07	.00	50.90	1.07	.00	9062.25	11776.42	12.00
32951.000	.00	.00	80.14	.04	80.10	.00	50.90	.63	.00	19352.09	24998.01	12.00







SECNO	HL	GLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
32963.000	.00	.00	63.75	.06	63.70	.00	50.90	3.40	.00	1790.41	1834.08	12.00
32963.000	.00	.00	65.89	.06	65.83	.00	50.90	2.94	.00	2522.94	2899.34	12.00
32963.000	.00	.00	68.82	.06	68.75	.00	50.90	1.99	.00	3952.17	5183.54	12.00
32963.000	.00	.00	71.71	.06	71.64	.00	50.90	1.43	.00	5984.04	8186.96	12.00
32963.000	.00	.00	74.13	.05	74.07	.00	50.90	1.07	.00	9055.59	11768.45	12.00
32963.000	.00	.00	80.14	.04	80.10	.00	50.90	.63	.00	19350.10	24995.17	12.00
32964.000	.00	.00	63.75	.06	63.69	.00	50.90	7.91	80.00	1720.06	1201.73	1.00
32964.000	.00	.00	65.90	.07	65.83	.00	50.90	6.33	80.00	2452.57	1974.72	1.00
32964.000	.00	.00	68.82	.06	68.75	.00	50.90	4.08	80.00	3881.72	3625.02	1.00
32964.000	.00	.00	71.71	.06	71.65	.00	50.90	2.78	80.00	5913.52	5876.80	1.00
32964.000	.00	.00	74.13	.05	74.08	.01	50.90	1.95	80.00	8985.02	8738.15	1.00
32964.000	.00	.00	80.15	.03	80.12	.01	50.90	1.00	80.00	19291.65	19870.65	1.00
32965.000	.00	.00	63.76	.06	63.70	.00	50.90	7.92	80.00	1719.55	1201.21	.67
32965.000	.00	.00	65.90	.07	65.83	.00	50.90	6.34	80.00	2452.01	1974.10	.67
32965.000	.00	.00	68.82	.06	68.75	.00	50.90	4.08	80.00	3881.82	3625.13	.67
32965.000	.00	.00	71.71	.06	71.65	.00	50.90	2.78	80.00	5918.30	5881.06	.67
32965.000	.00	.00	74.13	.05	74.08	.00	50.90	1.94	80.00	8997.76	8750.59	.67
32965.000	.00	.00	80.15	.03	80.12	.00	50.90	1.00	80.00	19304.08	19885.89	.67
32966.000	.00	.00	63.76	.06	63.70	.01	50.90	3.40	.00	1790.27	1833.91	1.00
32966.000	.00	.00	65.90	.06	65.83	.01	50.90	2.94	.00	2522.81	2899.14	1.00
32966.000	.00	.00	68.82	.06	68.75	.00	50.90	1.99	.00	3952.63	5184.30	1.00
32966.000	.00	.00	71.71	.06	71.65	.00	50.90	1.43	.00	5989.33	8193.06	1.00
32966.000	.00	.00	74.13	.05	74.08	.00	50.90	1.07	.00	9068.92	11784.43	1.00
32966.000	.00	.00	80.15	.04	80.11	.00	50.90	.63	.00	19375.15	25031.00	1.00
33073.000	.04	.01	63.80	.07	63.74	.04	51.47	4.25	.00	1639.85	1639.56	107.00
33073.000	.04	.01	65.94	.07	65.87	.03	51.47	3.76	.00	2311.04	2562.90	107.00
33073.000	.02	.00	68.85	.07	68.77	.02	51.47	2.42	.00	3665.14	4706.14	107.00
33073.000	.02	.00	71.73	.07	71.66	.01	51.47	1.69	.00	5449.18	7542.36	107.00
33073.000	.01	.00	74.15	.06	74.09	.01	51.47	1.26	.00	8301.77	10869.12	107.00
33073.000	.01	.00	80.16	.04	80.12	.01	51.47	.71	.00	18312.41	23534.46	107.00
#1 33672.000	1.30	.18	65.28	.65	64.63	.89	53.75	39.30	.00	974.78	539.15	599.00
33672.000	.89	.10	66.93	.39	66.53	.67	53.75	26.01	.00	2105.06	974.48	599.00
33672.000	.46	.03	69.34	.17	69.17	.39	53.75	12.95	.00	4275.69	2033.79	599.00
33672.000	.21	.00	71.94	.07	71.88	.22	53.75	5.46	.00	8205.93	4193.57	599.00
33672.000	.12	.00	74.27	.04	74.24	.15	53.75	2.88	.00	12315.46	7180.00	599.00
33672.000	.06	.00	80.22	.02	80.20	.08	53.75	1.21	.00	22864.25	18066.68	599.00
34012.000	.75	.03	66.06	.36	65.71	1.08	53.90	15.34	.00	1022.33	862.89	340.00
34012.000	.64	.01	67.57	.33	67.25	.72	53.90	14.85	.00	1930.91	1289.80	340.00
34012.000	.39	.01	69.74	.22	69.53	.36	53.90	10.48	.00	3424.64	2261.20	340.00
34012.000	.19	.01	72.14	.11	72.03	.16	53.90	5.45	.00	6627.45	4197.37	340.00
34012.000	.10	.01	74.38	.06	74.32	.08	53.90	2.99	.00	10048.94	7044.27	340.00
34012.000	.04	.00	80.26	.03	80.23	.03	53.90	1.23	.00	20532.15	17942.97	340.00

SECNO	HL	GLOSS	EG	BY	CWSEL	DIFWSX	ELMIN	10X*S	ELLC	AREA	.01K	XLCH
34263.000	.36	.02	66.44	.30	66.13	.42	54.02	13.17	.00	1194.76	931.54	251.00
34263.000	.34	.01	67.93	.28	67.66	.41	54.02	12.79	.00	2109.90	1389.96	251.00
34263.000	.25	.00	70.00	.20	69.80	.27	54.02	9.77	.00	3529.03	2341.65	251.00
34263.000	.14	.00	72.28	.11	72.17	.14	54.02	5.41	.00	6652.20	4215.20	251.00
34263.000	.08	.01	74.46	.06	74.40	.08	54.02	3.04	.00	9937.72	6987.88	251.00
34263.000	.03	.00	80.30	.03	80.27	.03	54.02	1.25	.00	20358.76	17748.80	251.00
34264.000	.00	.01	66.45	.26	66.19	.06	54.02	46.16	80.00	1186.26	497.48	1.00
34264.000	.00	.04	67.97	.16	67.82	.16	54.02	29.70	80.00	2167.67	911.90	1.00
34264.000	.00	.03	70.03	.10	69.93	.13	54.02	17.71	80.00	3578.26	1739.57	1.00
34264.000	.00	.02	72.29	.05	72.24	.07	54.02	8.16	80.00	6717.74	3431.15	1.00
34264.000	.00	.01	74.47	.03	74.44	.04	54.02	4.20	80.00	10011.11	5949.07	1.00
34264.000	.00	.00	80.30	.02	80.28	.02	54.02	1.56	80.00	20334.20	15951.62	1.00
34265.000	.00	.00	66.45	.26	66.20	.00	54.02	46.10	80.00	1187.25	497.82	.67
34265.000	.00	.00	67.97	.16	67.82	.00	54.02	29.69	80.00	2167.96	912.05	.67
34265.000	.00	.00	70.03	.10	69.93	.00	54.02	17.70	80.00	3578.76	1739.91	.67
34265.000	.00	.00	72.30	.05	72.25	.00	54.02	8.16	80.00	6718.37	3431.57	.67
34265.000	.00	.00	74.47	.03	74.44	.00	54.02	4.20	80.00	10011.46	5949.37	.67
34265.000	.00	.00	80.30	.02	80.28	.00	54.02	1.55	80.00	20351.63	15949.88	.67
34266.000	.00	.02	66.48	.30	66.18	.02	54.02	12.86	.00	1220.66	942.53	1.00
34266.000	.00	.05	68.03	.26	67.77	.05	54.02	12.08	.00	2178.97	1429.78	1.00
34266.000	.00	.05	70.08	.19	69.89	.05	54.02	9.39	.00	3589.97	2389.24	1.00
34266.000	.00	.03	72.32	.10	72.22	.03	54.02	5.28	.00	6722.79	4266.32	1.00
34266.000	.00	.02	74.48	.06	74.42	.01	54.02	3.00	.00	10042.85	7038.65	1.00
34266.000	.00	.01	80.31	.03	80.28	.01	54.02	1.25	.00	20394.57	17788.83	1.00
34328.000	.08	.00	66.56	.29	66.26	.08	54.09	12.78	.00	1227.97	945.54	62.00
34328.000	.07	.00	68.10	.26	67.84	.08	54.09	12.05	.00	2182.74	1431.97	62.00
34328.000	.06	.00	70.14	.19	69.95	.06	54.09	9.44	.00	3580.98	2382.19	62.00
34328.000	.03	.00	72.36	.10	72.25	.03	54.09	5.35	.00	6681.30	4236.24	62.00
34328.000	.02	.00	74.50	.06	74.44	.02	54.09	3.07	.00	9957.03	6959.66	62.00
34328.000	.01	.00	80.31	.03	80.28	.01	54.09	1.27	.00	20260.01	17638.62	62.00
34816.000	.49	.02	67.06	.12	66.94	.68	54.65	8.23	.00	1213.65	1178.32	488.00
34816.000	.51	.01	68.62	.16	68.47	.62	54.65	9.18	.00	1569.26	1640.17	488.00
34816.000	.44	.00	70.58	.14	70.40	.45	54.65	8.61	.00	2271.19	2494.03	488.00
34816.000	.28	.02	72.65	.17	72.48	.23	54.65	6.07	.00	3678.92	3978.11	488.00
34816.000	.18	.02	74.70	.14	74.56	.12	54.65	4.12	.00	5430.88	6008.36	488.00
34816.000	.08	.02	80.41	.10	80.32	.03	54.65	1.97	.00	10821.63	14170.41	488.00
35101.000	.24	.00	67.30	.13	67.18	.24	55.00	8.66	.00	1189.63	1148.58	285.00
35101.000	.27	.00	68.89	.16	68.73	.26	55.00	9.51	.00	1547.87	1611.32	285.00
35101.000	.25	.00	70.84	.19	70.64	.25	55.00	9.03	.00	2217.05	2436.17	285.00
35101.000	.18	.01	72.84	.18	72.66	.17	55.00	6.55	.00	3537.31	3829.38	285.00
35101.000	.12	.01	74.83	.15	74.68	.12	55.00	4.50	.00	5220.03	5747.64	285.00
35101.000	.06	.00	80.47	.10	80.37	.06	55.00	2.12	.00	10529.12	13655.16	285.00

SECHO	HL	OLOSS	EG	HV	CMSEL	DIFUSX	ELMIN	10X'S	ELLC	AREA	.01K	XLCH
35102.000	.00	.14	67.44	.40	67.04	-.14	55.00	14.86	85.00	664.09	876.92	1.00
35102.000	.00	.33	69.22	.82	68.40	-.33	55.00	65.75	85.00	684.51	612.91	1.00
35102.000	.00	.79	71.63	1.77	69.86	-.79	55.00	142.54	85.00	684.65	613.12	1.00
35102.000	.01	1.17	74.02	2.52	71.49	-1.16	55.00	464.13	85.00	784.96	434.89	1.00
35102.000	.00	.21	75.04	.57	74.47	-.21	55.00	89.45	85.00	2350.01	1288.92	1.00
35102.000	.00	.03	80.50	.16	80.35	-.03	55.00	10.30	85.00	7220.45	6195.69	1.00
35132.000	.04	.00	67.49	.40	67.09	.05	55.00	14.66	85.00	666.74	882.76	30.00
35132.000	.20	.00	69.42	.82	68.60	.20	55.00	65.75	85.00	684.53	612.94	30.00
35132.000	.43	.00	72.06	1.77	70.28	.43	55.00	142.51	85.00	684.69	613.18	30.00
35132.000	.28	.65	74.95	.34	74.61	3.12	55.00	52.00	85.00	2444.90	1359.01	30.00
35132.000	.23	.03	75.30	.46	74.85	.37	55.00	66.59	85.00	2623.35	1493.86	30.00
35132.000	.03	.00	80.53	.15	80.38	.03	55.00	10.20	85.00	7243.29	6224.26	30.00
35133.000	.00	.09	67.58	.11	67.46	.37	55.00	7.61	.00	1251.29	1225.32	1.00
35133.000	.00	.21	69.63	.13	69.50	.90	55.00	6.94	.00	1747.84	1886.03	1.00
35133.000	.00	.50	72.55	.11	72.45	2.17	55.00	3.98	.00	3385.27	3669.73	1.00
35133.000	.00	.07	75.03	.09	74.94	.32	55.00	2.64	.00	5453.09	6036.05	1.00
35133.000	.00	.10	75.40	.13	75.28	.43	55.00	3.61	.00	5756.07	6418.00	1.00
35133.000	.00	.02	80.55	.10	80.45	.07	55.00	2.08	.00	10611.07	13798.74	1.00
35203.000	.06	.00	67.63	.12	67.52	.05	55.19	8.10	.00	1221.08	1187.56	70.50
35203.000	.05	.00	69.68	.13	69.55	.05	55.19	7.37	.00	1708.40	1830.98	70.50
35203.000	.03	.00	72.59	.11	72.48	.03	55.19	4.28	.00	3261.42	3539.68	70.50
35203.000	.02	.00	75.05	.09	74.95	.02	55.19	2.81	.00	5300.33	5846.47	70.50
35203.000	.03	.00	75.43	.13	75.30	.02	55.19	3.83	.00	5604.73	6226.26	70.50
35203.000	.01	.00	80.57	.10	80.46	.01	55.19	2.17	.00	10441.17	13501.68	70.50
35329.000	.07	.00	67.71	.07	67.63	.12	56.00	4.16	.00	2104.92	1274.33	126.00
35329.000	.05	.01	69.74	.06	69.69	.14	56.00	2.98	.00	3488.88	2206.64	126.00
35329.000	.03	.01	72.63	.04	72.59	.11	56.00	1.86	.00	5747.12	4094.78	126.00
35329.000	.02	.01	75.08	.03	75.04	.09	56.00	1.46	.00	7834.42	6198.00	126.00
35329.000	.03	.01	75.47	.05	75.42	.13	56.00	2.02	.00	8195.72	6566.19	126.00
35329.000	.02	.01	80.59	.04	80.55	.09	56.00	1.42	.00	14143.00	12683.13	126.00
35479.000	.05	.00	67.76	.06	67.70	.07	55.80	3.00	.00	1832.50	1500.31	150.00
35479.000	.04	.00	69.78	.05	69.73	.05	55.80	2.05	.00	3513.71	2660.78	150.00
35479.000	.02	.00	72.65	.03	72.63	.03	55.80	1.09	.00	6479.16	5361.51	150.00
35479.000	.02	.00	75.09	.02	75.07	.03	55.80	.79	.00	9064.89	8394.77	150.00
35479.000	.02	.00	75.50	.03	75.46	.04	55.80	1.09	.00	9568.91	8942.61	150.00
35479.000	.01	.00	80.61	.03	80.58	.03	55.80	.75	.00	18017.46	17425.00	150.00
35817.000	.27	.07	68.10	.28	67.82	.12	56.67	13.20	.00	627.72	715.55	338.00
35817.000	.27	.10	70.15	.38	69.77	.03	56.67	13.71	.00	848.61	1029.12	338.00
35817.000	.21	.12	72.98	.41	72.57	-.06	56.67	11.44	.00	1391.03	1652.97	338.00
35817.000	.17	.10	75.36	.37	75.00	-.07	56.67	9.04	.00	2424.54	2487.18	338.00
35817.000	.23	.14	75.87	.51	75.36	-.10	56.67	12.38	.00	2641.76	2652.06	338.00
35817.000	.10	.05	80.76	.21	80.55	-.03	56.67	5.12	.00	7600.52	6686.65	338.00

SECNO	HL	OLOSS	EG	HV	CVSEL	DIFMSK	ELMIN	IGMS	ELLC	AREA	.01K	XLCH
36016.000	.27	.00	68.37	.29	68.08	.26	57.00	13.60	.00	620.53	705.14	199.00
36016.000	.28	.00	70.42	.38	70.04	.27	57.00	14.00	.00	840.80	1018.29	199.00
36016.000	.23	.00	73.22	.42	72.79	.22	57.00	11.84	.00	1362.52	1624.69	199.00
36016.000	.19	.01	75.55	.39	75.17	.17	57.00	9.57	.00	2335.00	2418.35	199.00
36016.000	.25	.00	76.12	.52	75.60	.24	57.00	12.78	.00	2585.65	2609.71	199.00
36016.000	.11	.00	80.87	.22	80.65	.09	57.00	5.52	.00	7346.11	6438.58	199.00
* 36017.000	.06	.27	70.93	1.36	69.57	1.49	57.00	591.69	95.00	302.26	106.89	1.00
* 36017.000	.05	.30	72.02	1.52	70.50	.46	57.00	482.89	95.00	426.23	173.58	1.00
36017.000	.01	.21	73.43	1.12	72.31	-.48	57.00	234.63	95.00	767.96	364.94	1.00
36017.000	.00	.01	75.56	.41	75.15	-.01	57.00	62.88	95.00	1852.49	943.29	1.00
36017.000	.00	.00	76.13	.48	75.65	.05	57.00	71.69	95.00	2137.35	1101.90	1.00
36017.000	.00	.01	80.89	.10	80.78	.13	57.00	11.84	95.00	7010.09	6396.19	1.00
36031.000	.37	.08	71.38	.58	70.80	1.22	57.00	168.68	95.00	475.08	200.19	14.00
36031.000	.35	.08	72.45	.71	71.73	1.24	57.00	167.65	95.00	644.17	294.26	14.00
36031.000	.26	.03	73.72	.61	72.91	.60	57.00	155.15	95.00	914.23	448.78	13.00
36031.000	.09	.00	75.65	.38	75.27	.11	57.00	58.75	95.00	1911.25	975.91	14.00
36031.000	.10	.00	76.23	.44	75.78	.14	57.00	65.86	95.00	2222.59	1149.64	14.00
36031.000	.02	.00	80.90	.10	80.80	.02	57.00	11.78	95.00	7023.11	4407.32	14.00
36032.000	.00	.04	71.42	.13	71.29	-.49	57.00	4.20	.00	1038.67	1268.10	1.00
36032.000	.00	.05	72.50	.22	72.27	.54	57.00	6.50	.00	1238.91	1693.90	1.00
36032.000	.00	.04	73.77	.36	73.40	.50	57.00	9.69	.00	1547.31	1795.64	1.00
36032.000	.00	.00	75.65	.37	75.28	.01	57.00	9.22	.00	2394.27	2463.98	1.00
36032.000	.00	.02	76.25	.50	75.75	-.04	57.00	12.11	.00	2679.67	2680.61	1.00
36032.000	.00	.03	80.94	.22	80.72	-.08	57.00	5.40	.00	7421.57	6511.60	1.00
36081.000	.02	.00	71.44	.14	71.31	.02	57.19	4.46	.00	1007.16	1230.79	49.00
36081.000	.03	.00	72.53	.23	72.30	.03	57.19	6.87	.00	1202.06	1553.46	49.00
36081.000	.05	.00	73.82	.38	73.44	.04	57.19	10.21	.00	1494.58	1749.56	49.00
36081.000	.05	.01	75.71	.39	75.31	.03	57.19	9.72	.00	2310.33	2399.28	49.00
36081.000	.06	.01	76.31	.52	75.79	.04	57.19	12.76	.00	2588.34	2611.74	49.00
36081.000	.03	.00	80.97	.23	80.74	.02	57.19	5.71	.00	7236.23	6333.10	49.00
36262.000	.05	.01	71.50	.05	71.45	.14	56.90	2.06	.00	2297.82	1810.33	181.00
36262.000	.08	.02	72.63	.08	72.54	.24	56.90	3.04	.00	2698.37	2184.22	181.00
36262.000	.11	.03	73.96	.13	73.83	.39	56.90	4.31	.00	3185.17	2693.47	181.00
36262.000	.11	.02	75.84	.15	75.69	.38	56.90	4.48	.00	3927.47	3534.10	181.00
36262.000	.15	.03	76.49	.20	76.29	.50	56.90	5.93	.00	4183.31	3830.18	181.00
36262.000	.10	.00	81.07	.20	80.86	.13	56.90	5.02	.00	9049.40	6755.82	181.00
36387.000	.03	.00	71.53	.05	71.48	.03	57.14	2.59	.00	2736.52	1617.01	125.00
36387.000	.04	.00	72.67	.06	72.60	.06	57.14	3.36	.00	3401.16	2079.86	125.00
36387.000	.05	.00	74.01	.08	73.93	.10	57.14	4.24	.00	4228.80	2716.24	125.00
36387.000	.05	.01	75.90	.08	75.82	.13	57.14	3.87	.00	5494.09	3799.99	125.00
36387.000	.07	.01	76.57	.10	76.47	.18	57.14	4.90	.00	5947.87	4216.91	125.00
36387.000	.05	.01	81.13	.08	81.05	.19	57.14	3.64	.00	9870.28	7927.88	125.00

安/

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SECKO	HL	OLOSS	EG	HV	CWSEL	DIFMSX	LW,H	10K'S	ELLC	AREA	.01K	XLCH
36388.000	.00	.00	71.53	.05	71.49	.00	57.14	3.00	.00	2698.24	1501.34	1.00
36388.000	.00	.00	72.67	.06	72.61	.00	57.14	3.79	.00	3365.91	1957.69	1.00
36388.000	.00	.00	74.01	.08	73.94	.01	57.14	4.67	.00	4198.64	2588.11	1.00
36388.000	.00	.00	75.90	.07	75.83	.01	57.14	4.19	.00	5460.42	3654.91	1.00
36388.000	.00	.00	76.57	.09	76.48	.01	57.14	5.25	.00	5914.30	4067.09	1.00
36388.000	.00	.00	81.13	.08	81.06	.01	57.14	3.82	.00	9836.72	7741.48	1.00
36649.000	.08	.00	71.61	.05	71.57	.08	57.77	3.42	.00	2560.46	1406.92	250.00
36649.000	.10	.00	72.77	.06	72.71	.10	57.77	4.43	.00	3309.90	1809.97	250.00
36649.000	.13	.00	74.14	.08	74.06	.13	57.77	5.42	.00	4416.38	2400.51	250.00
36649.000	.11	.00	76.01	.06	75.95	.12	57.77	4.58	.00	6313.53	3493.54	250.00
36649.000	.13	.00	76.71	.08	76.63	.15	57.77	5.49	.00	7063.19	3902.38	250.00
36649.000	.09	.00	81.23	.05	81.18	.12	57.77	3.37	.00	12893.77	8245.77	250.00
36934.000	.03	.00	71.69	.04	71.66	.09	58.49	2.73	.00	2918.83	1574.24	250.00
36934.000	.10	.00	72.87	.04	72.83	.12	58.49	3.55	.00	3737.41	2023.25	250.00
36934.000	.12	.00	74.26	.06	74.20	.14	58.49	4.19	.00	4901.15	2729.40	250.00
36934.000	.10	.00	76.11	.05	76.06	.11	58.49	3.58	.00	6832.92	3955.26	250.00
36934.000	.12	.00	76.83	.07	76.76	.13	58.49	4.25	.00	7701.23	4525.76	250.00
36934.000	.07	.00	81.30	.05	81.25	.08	58.49	2.52	.00	14332.07	9533.55	250.00
36935.000	.00	.00	71.69	.04	71.65	.00	58.49	2.25	.00	2993.36	1733.86	1.00
36935.000	.00	.00	72.87	.05	72.82	.00	58.49	2.90	.00	3815.07	2237.25	1.00
36935.000	.00	.00	74.26	.06	74.20	.00	58.49	3.55	.00	4978.69	2967.15	1.00
36935.000	.00	.00	76.12	.06	76.05	.01	58.49	3.14	.00	6906.15	4223.08	1.00
36935.000	.00	.00	76.83	.08	76.76	.01	58.49	3.77	.00	7768.35	4802.06	1.00
36935.000	.00	.00	81.30	.05	81.25	.00	58.49	2.34	.00	14393.98	9886.63	1.00

LOWER CREEK, 1973 FLOOD

SUMMARY PRINTOUT

SECNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QWEIR	QLOB	QCH	QROB	Q	CWSEL
3605.000	.00	.00	.00	.00	.00	.00	.00	109.15	4435.07	155.77	4700.00	21.11
3605.000	.00	.00	.00	.00	.00	.00	.00	429.66	5756.67	753.67	6940.00	22.51
3605.000	.00	.00	.00	.00	.00	.00	.00	982.77	6878.60	2378.63	10240.00	23.54
3605.000	.00	.00	.00	.00	.00	.00	.00	1825.92	7233.84	4680.24	13740.00	24.48
3605.000	.00	.00	.00	.00	.00	.00	.00	2526.26	8168.43	6575.31	17270.00	25.11
3605.000	.00	.00	.00	.00	.00	.00	.00	4735.08	10712.55	12542.37	27990.00	26.70
4630.000	.00	.00	.00	.00	.00	.00	.00	156.74	2854.81	1688.45	4700.00	24.10
4630.000	.00	.00	.00	.00	.00	.00	.00	286.79	3481.57	3171.64	6940.00	25.40
4630.000	.00	.00	.00	.00	.00	.00	.00	477.85	4514.44	5247.71	10240.00	26.54
4630.000	.00	.00	.00	.00	.00	.00	.00	691.01	5574.39	7474.61	13740.00	27.43
4630.000	.00	.00	.00	.00	.00	.00	.00	919.77	6587.52	9762.71	17270.00	28.20
4630.000	.00	.00	.00	.00	.00	.00	.00	1694.84	9426.17	16869.00	27990.00	30.09
5610.600	.00	.00	.00	.00	.00	.00	.00	.00	4089.74	210.26	4300.00	25.07
5610.600	.00	.00	.00	.00	.00	.00	.00	.19	5545.78	774.02	6320.00	26.38
5610.600	.00	.00	.00	.00	.00	.00	.00	50.63	7527.04	1712.34	9290.00	27.67
5610.600	.00	.00	.00	.00	.00	.00	.00	186.04	9417.88	2816.08	12420.00	28.74
5610.600	.00	.00	.00	.00	.00	.00	.00	389.57	11163.62	3986.82	15540.00	29.66
5610.600	.00	.00	.00	.00	.00	.00	.00	1335.11	16070.74	7754.15	25160.00	31.92
5893.600	.00	.00	.00	.00	.00	.00	.00	.00	4092.72	207.28	4300.00	25.22
5893.600	.00	.00	.00	.00	.00	.00	.00	.23	5541.69	778.08	6320.00	26.56
5893.600	.00	.00	.00	.00	.00	.00	.00	53.97	7504.54	1731.49	9290.00	27.89
5893.600	.00	.00	.00	.00	.00	.00	.00	196.40	9372.16	2851.44	12420.00	28.99
5893.600	.00	.00	.00	.00	.00	.00	.00	408.22	11098.23	4033.55	15540.00	29.93
5893.600	.00	.00	.00	.00	.00	.00	.00	1387.09	15948.49	7824.43	25160.00	32.25
5894.600	44.00	25.47	.00	.00	.00	.00	.00	.00	4300.00	.00	4300.00	24.96
5894.600	44.00	25.47	.00	.00	.00	.00	.00	.00	6270.31	49.69	6320.00	25.96
5894.600	44.00	25.47	.00	.00	.00	.00	.00	66.68	8370.46	852.86	9290.00	27.10
5894.600	44.00	25.47	.00	.00	.00	.00	.00	656.35	9230.83	2532.83	12420.00	28.50
5894.600	44.00	25.47	.00	.00	.00	.00	.00	1374.37	10408.67	3756.95	15540.00	29.57
5894.600	44.00	25.47	.00	.00	.00	.00	.00	3860.32	13775.61	7524.07	25160.00	32.03
5915.400	44.00	25.47	.00	.00	.00	.00	.00	.00	4300.00	.00	4300.00	25.07
5915.400	44.00	25.47	.00	.00	.00	.00	.00	9.33	5865.26	445.40	6320.00	26.90
5915.400	44.00	25.47	.00	.00	.00	.00	.00	341.13	6870.17	2078.69	9290.00	28.84
5915.400	44.00	25.47	.00	.00	.00	.00	.00	608.50	8734.09	3077.41	12420.00	29.46
5915.400	44.00	25.47	.00	.00	.00	.00	.00	922.10	10488.47	4129.43	15540.00	30.02
5915.400	44.00	25.47	.00	.00	.00	.00	.00	2355.84	14634.44	8169.72	25160.00	32.19

SECNO	ELLC	ELTRD	EGLVC	EGPRS	CLASS	QPR	QNEIR	GLDB	QCH	OROB	Q	CMSEL
5916.400	.00	.00	.00	.00	.00	.00	.00	.00	3949.96	350.04	4300.00	25.81
5916.400	.00	.00	.00	.00	.00	.00	.00	21.86	5102.89	1195.25	6320.00	27.94
5916.400	.00	.00	.00	.00	.00	.00	.00	109.98	6873.76	2306.26	9290.00	29.48
5916.400	.00	.00	.00	.00	.00	.00	.00	211.16	8829.61	3379.24	12420.00	30.25
5916.400	.00	.00	.00	.00	.00	.00	.00	335.53	10692.80	4507.67	15540.00	30.93
5916.400	.00	.00	.00	.00	.00	.00	.00	922.35	15873.06	8344.58	25160.00	32.96
5986.400	.00	.00	.00	.00	.00	.00	.00	.00	3953.65	346.35	4300.00	25.84
5986.400	.00	.00	.00	.00	.00	.00	.00	21.22	5109.95	1188.83	6320.00	27.96
5986.400	.00	.00	.00	.00	.00	.00	.00	109.09	6879.37	2301.54	9290.00	29.50
5986.400	.00	.00	.00	.00	.00	.00	.00	210.46	8833.11	3376.44	12420.00	30.29
5986.400	.00	.00	.00	.00	.00	.00	.00	339.30	10693.84	4506.86	15540.00	30.97
5986.400	.00	.00	.00	.00	.00	.00	.00	925.86	15881.46	8352.68	25160.00	33.02
9730.000	.00	.00	.00	.00	.00	.00	.00	1307.84	1693.78	1298.38	4300.00	27.06
9730.000	.00	.00	.00	.00	.00	.00	.00	2216.12	2065.69	2038.19	6320.00	28.95
9730.000	.00	.00	.00	.00	.00	.00	.00	3492.07	2710.76	3087.17	9290.00	30.61
9730.000	.00	.00	.00	.00	.00	.00	.00	4818.21	3420.60	4181.19	12420.00	31.69
9730.000	.00	.00	.00	.00	.00	.00	.00	6162.78	4098.94	5278.28	15540.00	32.63
9730.000	.00	.00	.00	.00	.00	.00	.00	10423.06	6045.32	8691.63	25160.00	35.22
16317.000	.00	.00	.00	.00	.00	.00	.00	866.01	3433.32	.66	4300.00	33.20
16317.000	.00	.00	.00	.00	.00	.00	.00	1953.47	4327.13	39.40	6320.00	34.28
16317.000	.00	.00	.00	.00	.00	.00	.00	4244.84	4633.02	412.14	9290.00	36.82
16317.000	.00	.00	.00	.00	.00	.00	.00	6138.27	5552.35	729.38	12420.00	37.95
16317.000	.00	.00	.00	.00	.00	.00	.00	8052.80	6417.41	1069.79	15540.00	38.96
16317.000	.00	.00	.00	.00	.00	.00	.00	14053.93	8887.80	2218.27	25160.00	41.62
18585.000	.00	.00	.00	.00	.00	.00	.00	1257.73	3042.27	.00	4300.00	38.26
18585.000	.00	.00	.00	.00	.00	.00	.00	2381.93	3938.07	.00	6320.00	39.45
18585.000	.00	.00	.00	.00	.00	.00	.00	4063.37	5174.36	52.27	9290.00	40.65
18585.000	.00	.00	.00	.00	.00	.00	.00	5818.59	6429.08	172.33	12420.00	41.77
18585.000	.00	.00	.00	.00	.00	.00	.00	7599.53	7611.12	329.36	15540.00	42.77
18585.000	.00	.00	.00	.00	.00	.00	.00	13197.66	10986.53	975.82	25160.00	45.37
19028.000	.00	.00	.00	.00	.00	.00	.00	1292.86	3007.14	.00	4300.00	38.86
19028.000	.00	.00	.00	.00	.00	.00	.00	2451.23	3868.77	.00	6320.00	40.08
19028.000	.00	.00	.00	.00	.00	.00	.00	4154.03	5135.97	.00	9290.00	41.35
19028.000	.00	.00	.00	.00	.00	.00	.00	5974.39	6445.61	.00	12420.00	42.50
19028.000	.00	.00	.00	.00	.00	.00	.00	7844.03	7695.97	.00	15540.00	43.50
19028.000	.00	.00	.00	.00	.00	.00	.00	13261.25	10885.44	1013.31	25160.00	46.12
19029.000	48.88	45.15	.00	.00	.00	.00	.00	.00	4300.00	.00	4300.00	38.65
19029.000	48.88	45.15	.00	.00	.00	.00	.00	.00	6320.00	.00	6320.00	39.69
19029.000	48.88	45.15	.00	.00	.00	.00	.00	.00	9290.00	.00	9290.00	40.63
19029.000	48.88	45.15	.00	.00	.00	.00	.00	.00	12420.00	.00	12420.00	41.35
19029.000	48.88	45.15	.00	.00	.00	.00	.00	.00	15540.00	.00	15540.00	41.84
19029.000	48.88	45.15	.00	.00	.00	.00	.00	8317.71	15250.51	1591.78	25160.00	48.93

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SECHO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QWEIR	QLOS	QCH	QRDB	Q	CMSEL
19056.000	48.88	45.15	.00	.00	.00	.00	.00	.00	4300.00	.00	4300.00	38.73
19056.000	48.88	45.15	.00	.00	.00	.00	.00	.00	6320.00	.00	6320.00	39.86
19056.000	48.88	45.15	.00	.00	.00	.00	.00	.00	9290.00	.00	9290.00	40.99
19056.000	48.88	45.15	.00	.00	.00	.00	.00	.00	12420.00	.00	12420.00	42.06
19056.000	48.88	45.15	.00	.00	.00	.00	.00	.00	15540.00	.00	15540.00	42.69
19056.000	48.88	45.15	.00	.00	.00	.00	.00	11468.26	11481.84	2209.90	25160.00	50.77
19057.000	.00	.00	.00	.00	.00	.00	.00	1450.08	2849.92	.00	4300.00	39.34
19057.000	.00	.00	.00	.00	.00	.00	.00	2726.60	3593.40	.00	6320.00	40.92
19057.000	.00	.00	.00	.00	.00	.00	.00	4549.15	4740.85	.00	9290.00	42.84
19057.000	.00	.00	.00	.00	.00	.00	.00	6563.80	5856.20	.00	12420.00	44.76
19057.000	.00	.00	.00	.00	.00	.00	.00	8312.59	6527.04	700.37	15540.00	46.95
19057.000	.00	.00	.00	.00	.00	.00	.00	14292.37	9233.57	1634.06	25160.00	51.38
19167.000	.00	.00	.00	.00	.00	.00	.00	1425.22	2874.78	.00	4300.00	39.44
19167.000	.00	.00	.00	.00	.00	.00	.00	2695.74	3601.88	22.38	6320.00	41.01
19167.000	.00	.00	.00	.00	.00	.00	.00	4449.47	4678.77	161.77	9290.00	42.93
19167.000	.00	.00	.00	.00	.00	.00	.00	6340.62	5694.39	384.99	12420.00	44.85
19167.000	.00	.00	.00	.00	.00	.00	.00	8295.45	6554.90	689.64	15540.00	47.00
19167.000	.00	.00	.00	.00	.00	.00	.00	14272.65	9266.24	1621.12	25160.00	51.42
21055.000	.00	.00	.00	.00	.00	.00	.00	.00	4300.00	.00	4300.00	41.93
21055.000	.00	.00	.00	.00	.00	.00	.00	188.32	6126.78	4.90	6320.00	43.52
21055.000	.00	.00	.00	.00	.00	.00	.00	1419.52	7654.33	216.14	9290.00	45.15
21055.000	.00	.00	.00	.00	.00	.00	.00	3977.26	7757.62	685.12	12420.00	46.88
21055.000	.00	.00	.00	.00	.00	.00	.00	6632.21	7738.57	1169.22	15540.00	48.48
21055.000	.00	.00	.00	.00	.00	.00	.00	14117.44	8488.89	2553.68	25160.00	52.41
23157.000	.00	.00	.00	.00	.00	.00	.00	4.15	4282.94	12.91	4300.00	45.85
23157.000	.00	.00	.00	.00	.00	.00	.00	106.81	5741.59	471.60	6320.00	47.90
23157.000	.00	.00	.00	.00	.00	.00	.00	386.32	7175.75	1727.92	9290.00	49.52
23157.000	.00	.00	.00	.00	.00	.00	.00	705.41	8648.21	3066.38	12420.00	50.48
23157.000	.00	.00	.00	.00	.00	.00	.00	1089.89	9790.10	4660.01	15540.00	51.41
23157.000	.00	.00	.00	.00	.00	.00	.00	2539.55	12180.35	10440.11	25160.00	54.45
24357.000	.00	.00	.00	.00	.00	.00	.00	.00	4299.57	.42	4300.00	47.30
24357.000	.00	.00	.00	.00	.00	.00	.00	.00	6073.93	246.07	6320.00	49.40
24357.000	.00	.00	.00	.00	.00	.00	.00	.13	7724.45	1565.42	9290.00	51.08
24357.000	.00	.00	.00	.00	.00	.00	.00	.95	9196.32	3222.73	12420.00	52.27
24357.000	.00	.00	.00	.00	.00	.00	.00	2.63	10475.87	5061.50	15540.00	53.28
24357.000	.00	.00	.00	.00	.00	.00	.00	15.53	13618.20	11526.27	25160.00	56.12
24362.000	.00	.00	.00	.00	.00	.00	.00	.00	4300.00	.00	4300.00	47.10
24362.000	.00	.00	.00	.00	.00	.00	.00	.00	6095.38	224.61	6320.00	49.16
24362.000	.00	.00	.00	.00	.00	.00	.00	.12	7339.14	1950.74	9290.00	50.95
24362.000	.00	.00	.00	.00	.00	.00	.00	1.14	8393.61	4025.25	12420.00	52.19
24362.000	.00	.00	.00	.00	.00	.00	.00	3.17	9339.21	6197.62	15540.00	53.24
24362.000	.00	.00	.00	.00	.00	.00	.00	18.12	11758.67	13383.21	25160.00	56.13

SECHO	ELLC	ELTRD	EGLVC	EGPRS	CLASS	QPR	QNEIR	QLOB	QCH	QR08	Q	CWSEL
25482.000	.00	.00	.00	.00	.00	.00	.00	.04	4272.28	27.68	4300.00	49.27
25482.000	.00	.00	.00	.00	.00	.00	.00	203.01	5757.31	279.68	6320.00	51.38
25482.000	.00	.00	.00	.00	.00	.00	.00	887.95	7644.09	757.95	9290.00	52.99
25482.000	.00	.00	.00	.00	.00	.00	.00	1578.11	9490.11	1351.79	12420.00	54.18
25482.000	.00	.00	.00	.00	.00	.00	.00	2324.85	11157.06	2058.09	15540.00	55.22
25482.000	.00	.00	.00	.00	.00	.00	.00	4821.03	15548.01	4790.91	25160.00	57.92
27410.000	.00	.00	.00	.00	.00	.00	.00	.00	2999.20	1300.80	4300.00	51.99
27410.000	.00	.00	.00	.00	.00	.00	.00	.00	3649.72	2670.28	6320.00	53.82
27410.000	.00	.00	.00	.00	.00	.00	.00	1.68	4263.21	5025.12	9290.00	55.77
27410.000	.00	.00	.00	.00	.00	.00	.00	23.05	5430.50	6966.45	12420.00	57.16
27410.000	.00	.00	.00	.00	.00	.00	.00	54.48	6575.24	8910.28	15540.00	58.34
27410.000	.00	.00	.00	.00	.00	.00	.00	171.75	10009.73	14978.52	25160.00	61.32
27472.000	.00	.00	.00	.00	.00	.00	.00	.00	3526.15	773.85	4300.00	51.79
27472.000	.00	.00	.00	.00	.00	.00	.00	.12	4370.69	1948.99	6320.00	53.66
27472.000	.00	.00	.00	.00	.00	.00	.00	29.06	5286.77	3974.17	9290.00	55.65
27472.000	.00	.00	.00	.00	.00	.00	.00	166.13	6213.81	6040.06	12420.00	57.06
27472.000	.00	.00	.00	.00	.00	.00	.00	375.43	7078.07	8086.50	15540.00	58.26
27472.000	.00	.00	.00	.00	.00	.00	.00	1162.96	9503.08	14413.97	25160.00	61.27
27655.000	.00	.00	.00	.00	.00	.00	.00	.00	3212.74	1087.26	4300.00	52.80
27655.000	.00	.00	.00	.00	.00	.00	.00	3.21	4074.41	2242.37	6320.00	54.37
27655.000	.00	.00	.00	.00	.00	.00	.00	53.66	5030.46	4205.87	9290.00	56.15
27655.000	.00	.00	.00	.00	.00	.00	.00	219.08	5979.71	6221.21	12420.00	57.51
27655.000	.00	.00	.00	.00	.00	.00	.00	432.53	6866.87	8240.60	15540.00	58.67
27655.000	.00	.00	.00	.00	.00	.00	.00	1231.33	9405.50	14533.17	25160.00	61.64
27656.000	75.00	45.00	.00	.00	.00	.00	.00	.00	2181.50	2118.50	4300.00	53.01
27656.000	75.00	45.00	.00	.00	.00	.00	.00	9.31	2598.38	3712.31	6320.00	54.64
27656.000	75.00	45.00	.00	.00	.00	.00	.00	110.03	3115.62	6064.35	9290.00	56.41
27656.000	75.00	45.00	.00	.00	.00	.00	.00	355.04	3685.25	8399.71	12420.00	57.77
27656.000	75.00	45.00	.00	.00	.00	.00	.00	642.60	4190.43	10706.98	15540.00	58.95
27656.000	75.00	45.00	.00	.00	.00	.00	.00	1630.90	5707.94	17821.16	25160.00	61.93
27664.000	75.00	45.00	.00	.00	.00	.00	.00	.00	2158.83	2141.17	4300.00	53.09
27664.000	75.00	45.00	.00	.00	.00	.00	.00	9.89	2586.44	3723.67	6320.00	54.69
27664.000	75.00	45.00	.00	.00	.00	.00	.00	112.37	3108.86	6068.76	9290.00	56.44
27664.000	75.00	45.00	.00	.00	.00	.00	.00	357.80	3659.44	8402.76	12420.00	57.80
27664.000	75.00	45.00	.00	.00	.00	.00	.00	645.33	4185.23	10709.44	15540.00	58.97
27664.000	75.00	45.00	.00	.00	.00	.00	.00	1633.37	5703.64	17822.99	25160.00	61.95
27665.000	.00	.00	.00	.00	.00	.00	.00	.00	3145.65	1154.35	4300.00	53.03
27665.000	.00	.00	.00	.00	.00	.00	.00	5.22	3978.78	2336.02	6320.00	54.61
27665.000	.00	.00	.00	.00	.00	.00	.00	68.94	4934.55	4286.51	9290.00	56.36
27665.000	.00	.00	.00	.00	.00	.00	.00	242.06	5884.51	6293.43	12420.00	57.71
27665.000	.00	.00	.00	.00	.00	.00	.00	458.58	6773.60	8307.82	15540.00	58.88
27665.000	.00	.00	.00	.00	.00	.00	.00	1252.16	7513.04	14594.81	25160.00	61.85

SECHO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QWEIR	QLDB	QCH	QROB	Q	CWSEL
27710.000	.00	.00	.00	.00	.00	.00	.00	.00	2843.36	1086.64	3930.00	53.22
27710.000	.00	.00	.00	.00	.00	.00	.00	5.61	3612.27	2172.12	5790.00	54.77
27710.000	.00	.00	.00	.00	.00	.00	.00	68.47	4495.03	3956.50	8520.00	56.50
27710.000	.00	.00	.00	.00	.00	.00	.00	229.75	5381.65	5808.60	11420.00	57.85
27710.000	.00	.00	.00	.00	.00	.00	.00	427.09	6150.25	7602.66	14180.00	59.03
27710.000	.00	.00	.00	.00	.00	.00	.00	1161.93	8539.83	13448.25	23150.00	62.00
28674.000	.00	.00	.00	.00	.00	.00	.00	.00	3689.19	240.81	3930.00	54.64
28674.000	.00	.00	.00	.00	.00	.00	.00	.65	4672.06	1117.30	5790.00	56.08
28674.000	.00	.00	.00	.00	.00	.00	.00	4.55	5876.60	2638.84	8520.00	57.69
28674.000	.00	.00	.00	.00	.00	.00	.00	11.92	7080.43	4327.65	11420.00	59.02
28674.000	.00	.00	.00	.00	.00	.00	.00	23.25	8138.76	6017.99	14180.00	60.17
28674.000	.00	.00	.00	.00	.00	.00	.00	80.81	11388.34	11680.85	23150.00	63.14
28949.000	.00	.00	.00	.00	.00	.00	.00	.00	3700.00	230.00	3930.00	55.00
28949.000	.00	.00	.00	.00	.00	.00	.00	.60	4696.96	1092.44	5790.00	56.42
28949.000	.00	.00	.00	.00	.00	.00	.00	4.39	5906.04	2609.57	8520.00	58.02
28949.000	.00	.00	.00	.00	.00	.00	.00	11.65	7109.57	4298.78	11420.00	59.36
28949.000	.00	.00	.00	.00	.00	.00	.00	22.75	8168.11	5989.14	14180.00	60.50
28949.000	.00	.00	.00	.00	.00	.00	.00	80.05	11413.90	11656.05	23150.00	63.49
28950.000	75.00	48.92	.00	.00	.00	.00	.00	.00	3477.65	452.35	3930.00	55.04
28950.000	75.00	48.92	.00	.00	.00	.00	.00	1.26	3869.37	1919.37	5790.00	56.59
28950.000	75.00	48.92	.00	.00	.00	.00	.00	7.46	4475.65	4036.89	8520.00	58.25
28950.000	75.00	48.92	.00	.00	.00	.00	.00	18.14	5160.94	6240.92	11420.00	59.62
28950.000	75.00	48.92	.00	.00	.00	.00	.00	34.29	5781.82	8363.89	14180.00	60.78
28950.000	75.00	48.92	.00	.00	.00	.00	.00	109.89	7754.53	15285.58	23150.00	63.82
28951.000	75.00	48.92	.00	.00	.00	.00	.00	.00	3476.49	453.51	3930.00	55.04
28951.000	75.00	48.92	.00	.00	.00	.00	.00	1.26	3869.35	1919.38	5790.00	56.60
28951.000	75.00	48.92	.00	.00	.00	.00	.00	7.46	4475.62	4036.93	8520.00	58.25
28951.000	75.00	48.92	.00	.00	.00	.00	.00	18.14	5160.82	6241.03	11420.00	59.62
28951.000	75.00	48.92	.00	.00	.00	.00	.00	34.29	5781.65	8364.05	14130.00	60.78
28951.000	75.00	48.92	.00	.00	.00	.00	.00	109.90	7754.33	15285.78	23150.00	63.82
28952.000	.00	.00	.00	.00	.00	.00	.00	.00	3586.19	243.81	3930.00	55.03
28952.000	.00	.00	.00	.00	.00	.00	.00	.72	4638.10	1151.19	5790.00	56.54
28952.000	.00	.00	.00	.00	.00	.00	.00	4.81	5832.19	2683.01	8520.00	58.18
28952.000	.00	.00	.00	.00	.00	.00	.00	12.45	7024.26	4383.29	11420.00	59.53
28952.000	.00	.00	.00	.00	.00	.00	.00	24.29	8078.27	6077.44	14180.00	60.69
28952.000	.00	.00	.00	.00	.00	.00	.00	83.24	11308.55	11758.22	23150.00	63.70
29019.000	.00	.00	.00	.00	.00	.00	.00	.00	3595.35	234.65	3830.00	55.14
29019.000	.00	.00	.00	.00	.00	.00	.00	.69	4522.74	1116.57	5640.00	56.64
29019.000	.00	.00	.00	.00	.00	.00	.00	4.65	5695.70	2609.66	8310.00	58.27
29019.000	.00	.00	.00	.00	.00	.00	.00	12.14	6852.88	4274.98	11140.00	59.63
29019.000	.00	.00	.00	.00	.00	.00	.00	23.67	7886.74	5929.59	13840.00	60.78
29019.000	.00	.00	.00	.00	.00	.00	.00	81.30	11050.74	11487.96	22620.00	63.81

SECMO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QNEIR	QLOS	QCH	QROB	Q	CMSEL
31030.000	.00	.00	.00	.00	.00	.00	.00	.00	3830.00	.00	3830.00	58.33
31030.000	.00	.00	.00	.00	.00	.00	.00	.00	5640.00	.00	5640.00	59.86
31030.000	.00	.00	.00	.00	.00	.00	.00	1.38	7982.91	325.71	8310.00	61.54
31030.000	.00	.00	.00	.00	.00	.00	.00	8.19	10118.85	1012.96	11140.00	62.94
31030.000	.00	.00	.00	.00	.00	.00	.00	20.29	12003.92	1815.78	13840.00	64.11
31030.000	.00	.00	.00	.00	.00	.00	.00	103.61	17594.76	4921.63	22620.00	67.22
31330.000	.00	.00	.00	.00	.00	.00	.00	.00	3812.69	17.31	3830.00	58.92
31330.000	.00	.00	.00	.00	.00	.00	.00	.00	5371.15	268.85	5640.00	60.61
31330.000	.00	.00	.00	.00	.00	.00	.00	.00	7362.97	947.03	8310.00	62.41
31330.000	.00	.00	.00	.00	.00	.00	.00	.00	9324.19	1815.81	11140.00	63.86
31330.000	.00	.00	.00	.00	.00	.00	.00	.00	11095.26	2744.74	13840.00	65.04
31330.000	.00	.00	.00	.00	.00	.00	.00	3.66	16477.46	6138.88	22620.00	68.15
32443.000	.00	.00	.00	.00	.00	.00	.00	.00	3057.28	322.72	3380.00	60.90
32443.000	.00	.00	.00	.00	.00	.00	.00	.00	3233.46	1736.54	4970.00	62.58
32443.000	.00	.00	.00	.00	.00	.00	.00	.00	3613.94	3706.06	7320.00	64.45
32443.000	.00	.00	.00	.00	.00	.00	.00	1.25	4163.75	5635.00	9800.00	65.99
32443.000	.00	.00	.00	.00	.00	.00	.00	13.15	4747.56	7429.29	12190.00	67.25
32443.000	.00	.00	.00	.00	.00	.00	.00	156.63	6584.35	13139.02	19880.00	70.58
32754.000	.00	.00	.00	.00	.00	.00	.00	.00	2335.59	1044.41	3380.00	62.12
32754.000	.00	.00	.00	.00	.00	.00	.00	.00	2798.81	2171.19	4970.00	63.34
32754.000	.00	.00	.00	.00	.00	.00	.00	.00	3356.29	3963.71	7320.00	64.97
32754.000	.00	.00	.00	.00	.00	.00	.00	4.21	3995.60	5800.19	9800.00	66.42
32754.000	.00	.00	.00	.00	.00	.00	.00	21.39	4602.79	7565.82	12190.00	67.65
32754.000	.00	.00	.00	.00	.00	.00	.00	186.79	6464.21	13229.00	19880.00	70.92
32755.000	71.60	70.84	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	62.01
32755.000	71.60	70.84	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	63.06
32755.000	71.60	70.84	.00	.00	.00	.00	.00	.00	7320.00	.00	7320.00	64.43
32755.000	71.60	70.84	.00	.00	.00	.00	.00	.00	9800.00	.00	9800.00	65.60
32755.000	71.60	70.84	.00	.00	.00	.00	.00	.00	12190.00	.00	12190.00	66.52
32755.000	71.60	70.84	.00	.00	.00	.00	.00	131.97	18125.03	1623.00	19880.00	72.90
32780.000	71.60	70.84	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	62.06
32780.000	71.60	70.84	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	63.15
32780.000	71.60	70.84	.00	.00	.00	.00	.00	.00	7320.00	.00	7320.00	64.57
32780.000	71.60	70.84	.00	.00	.00	.00	.00	.00	9800.00	.00	9800.00	65.80
32780.000	71.60	70.84	.00	.00	.00	.00	.00	.00	12190.00	.00	12190.00	66.81
32780.000	71.60	70.84	.00	.00	.00	.00	.00	307.76	14819.48	4752.76	19880.00	75.31
32781.000	.00	.00	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	62.15
32781.000	.00	.00	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	63.30
32781.000	.00	.00	.00	.00	.00	.00	.00	.00	7320.00	.00	7320.00	64.87
32781.000	.00	.00	.00	.00	.00	.00	.00	.00	9800.00	.00	9800.00	66.29
32781.000	.00	.00	.00	.00	.00	.00	.00	.00	12190.00	.00	12190.00	67.54
32781.000	.00	.00	.00	.00	.00	.00	.00	430.44	15536.69	3512.87	19880.00	75.73

SECHO	ELLC	ELTRD	EGLMC	EGRPS	CLASS	QPR	QMEIR	QLOS	QCH	QROS	Q	QMSL
32858.000	.00	.00	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	62.06
32858.000	.00	.00	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	63.10
32858.000	.00	.00	.00	.00	.00	.00	.00	.00	7320.00	.00	7320.00	64.48
32858.000	.00	.00	.00	.00	.00	.00	.00	.34	9798.96	.69	9800.00	65.64
32858.000	.00	.00	.00	.00	.00	.00	.00	5.64	12172.96	11.39	12190.00	66.84
32858.000	.00	.00	.00	.00	.00	.00	.00	285.26	19001.02	593.71	19880.00	74.39
32906.000	.00	.00	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	63.62
32906.000	.00	.00	.00	.00	.00	.00	.00	.23	4961.79	7.98	4970.00	65.71
32906.000	.00	.00	.00	.00	.00	.00	.00	13.82	7100.56	295.61	7320.00	68.58
32906.000	.00	.00	.00	.00	.00	.00	.00	60.03	9106.68	633.29	9800.00	71.35
32906.000	.00	.00	.00	.00	.00	.00	.00	128.93	10448.14	1612.93	12190.00	73.84
32906.000	.00	.00	.00	.00	.00	.00	.00	484.06	13687.02	5738.92	19880.00	80.89
32907.000	80.00	71.10	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	63.58
32907.000	80.00	71.10	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	65.65
32907.000	80.00	71.10	.00	.00	.00	.00	.00	.00	7320.00	.00	7320.00	68.49
32907.000	80.00	71.10	.00	.00	.00	.00	.00	.00	9799.56	.44	9800.00	71.21
32907.000	80.00	71.10	.00	.00	.00	.00	.00	.00	9806.88	2383.12	12190.00	73.74
32907.000	80.00	71.10	.00	.00	.00	.00	.00	427.67	9060.83	10391.50	19880.00	80.08
32938.000	80.00	71.10	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	63.60
32938.000	80.00	71.10	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	65.67
32938.000	80.00	71.10	.00	.00	.00	.00	.00	.00	7320.00	.00	7320.00	68.51
32938.000	80.00	71.10	.00	.00	.00	.00	.00	.00	9798.78	1.22	9800.00	71.26
32938.000	80.00	71.10	.00	.00	.00	.00	.00	.00	9687.85	2502.15	12190.00	73.82
32938.000	80.00	71.10	.00	.00	.00	.00	.00	427.77	9060.54	10391.69	19880.00	80.10
32939.000	.00	.00	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	63.69
32939.000	.00	.00	.00	.00	.00	.00	.00	.33	4959.34	10.33	4970.00	65.82
32939.000	.00	.00	.00	.00	.00	.00	.00	15.15	7085.04	219.82	7320.00	68.75
32939.000	.00	.00	.00	.00	.00	.00	.00	65.32	9045.26	689.62	9800.00	71.64
32939.000	.00	.00	.00	.00	.00	.00	.00	133.78	10357.82	1698.39	12190.00	74.07
32939.000	.00	.00	.00	.00	.00	.00	.00	484.74	13682.81	5712.46	19880.00	80.10
32951.000	.00	.00	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	63.69
32951.000	.00	.00	.00	.00	.00	.00	.00	.32	4958.33	11.35	4970.00	65.83
32951.000	.00	.00	.00	.00	.00	.00	.00	14.93	7076.18	228.89	7320.00	68.75
32951.000	.00	.00	.00	.00	.00	.00	.00	64.85	9023.47	711.68	9800.00	71.64
32951.000	.00	.00	.00	.00	.00	.00	.00	133.08	10327.45	1729.48	12190.00	74.07
32951.000	.00	.00	.00	.00	.00	.00	.00	484.29	13620.91	5774.79	19880.00	80.10
32963.000	.00	.00	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	63.70
32963.000	.00	.00	.00	.00	.00	.00	.00	.32	4958.23	11.45	4970.00	65.83
32963.000	.00	.00	.00	.00	.00	.00	.00	14.94	7076.04	229.01	7320.00	68.75
32963.000	.00	.00	.00	.00	.00	.00	.00	64.74	9024.93	710.33	9800.00	71.64
32963.000	.00	.00	.00	.00	.00	.00	.00	132.98	10329.27	1727.75	12190.00	74.07
32963.000	.00	.00	.00	.00	.00	.00	.00	484.22	13621.36	5774.42	19880.00	80.10

SECNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QMEIR	QLOB	QCH	QROB	Q	CUSEL
32964.000	80.00	57.11	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	63.67
32964.000	80.00	57.11	.00	.00	.00	.00	.00	.48	4953.54	15.98	4970.00	65.83
32964.000	80.00	57.11	.00	.00	.00	.00	.00	21.37	6979.46	319.17	7320.00	68.75
32964.000	80.00	57.11	.00	.00	.00	.00	.00	90.19	8738.06	971.75	9800.00	71.63
32964.000	80.00	57.11	.00	.00	.00	.00	.00	179.10	9709.03	2301.87	12190.00	74.08
32964.000	80.00	57.11	.00	.00	.00	.00	.00	610.09	12040.35	7229.56	19880.00	80.12
32965.000	80.00	57.11	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	63.70
32965.000	80.00	57.11	.00	.00	.00	.00	.00	.48	4953.59	15.93	4970.00	65.83
32965.000	80.00	57.11	.00	.00	.00	.00	.00	21.37	6979.44	319.19	7320.00	68.75
32965.000	80.00	57.11	.00	.00	.00	.00	.00	90.30	8736.72	972.98	9800.00	71.65
32965.000	80.00	57.11	.00	.00	.00	.00	.00	179.33	9704.66	2306.02	12190.00	74.08
32965.000	86.00	57.11	.00	.00	.00	.00	.00	610.62	12037.26	7232.12	19880.00	80.12
32966.000	.00	.00	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	63.70
32966.000	.00	.00	.00	.00	.00	.00	.00	.32	4958.23	11.44	4970.00	65.83
32966.000	.00	.00	.00	.00	.00	.00	.00	14.95	7075.96	229.09	7320.00	68.75
32966.000	.00	.00	.00	.00	.00	.00	.00	64.83	9023.82	711.36	9800.00	71.65
32966.000	.00	.00	.00	.00	.00	.00	.00	133.17	10325.62	1731.21	12190.00	74.08
32966.000	.00	.00	.00	.00	.00	.00	.00	485.12	13615.71	5779.16	19880.00	80.12
33073.000	.00	.00	.00	.00	.00	.00	.00	.00	3300.00	.00	3380.00	63.74
33073.000	.00	.00	.00	.00	.00	.00	.00	.03	4967.95	2.05	4970.00	65.87
33073.000	.00	.00	.00	.00	.00	.00	.00	10.85	7127.84	181.31	7320.00	68.77
33073.000	.00	.00	.00	.00	.00	.00	.00	54.82	9137.16	608.02	9800.00	71.66
33073.000	.00	.00	.00	.00	.00	.00	.00	121.54	10542.13	1526.53	12190.00	74.09
33073.000	.00	.00	.00	.00	.00	.00	.00	451.93	13859.16	5568.87	19880.00	80.12
33672.000	.00	.00	.00	.00	.00	.00	.00	505.36	2874.64	.00	3380.00	64.63
33672.000	.00	.00	.00	.00	.00	.00	.00	1802.99	3167.01	.00	4970.00	66.53
33672.000	.00	.00	.00	.00	.00	.00	.00	412.86	3207.14	.00	7320.00	69.17
33672.000	.00	.00	.00	.00	.00	.00	.00	6191.22	2947.94	660.85	9800.00	71.88
33672.000	.00	.00	.00	.00	.00	.00	.00	7406.85	2846.31	1936.84	12190.00	74.24
33672.000	.00	.00	.00	.00	.00	.00	.00	11149.69	3142.98	5587.53	19880.00	80.20
34012.000	.00	.00	.00	.00	.00	.00	.00	167.02	3212.98	.00	3380.00	65.71
34012.000	.00	.00	.00	.00	.00	.00	.00	1036.39	3933.61	.00	4970.00	67.25
34012.000	.00	.00	.00	.00	.00	.00	.00	2863.37	4456.63	.00	7320.00	69.53
34012.000	.00	.00	.00	.00	.00	.00	.00	4480.35	4368.19	951.47	9800.00	72.03
34012.000	.00	.00	.00	.00	.00	.00	.00	5423.92	4217.65	2548.43	12190.00	74.32
34012.000	.00	.00	.00	.00	.00	.00	.00	8166.86	4623.26	7089.88	19880.00	80.23
34263.000	.00	.00	.00	.00	.00	.00	.00	267.08	3112.92	.00	3380.00	66.13
34263.000	.00	.00	.00	.00	.00	.00	.00	1175.86	3794.14	.00	4970.00	67.66
34263.000	.00	.00	.00	.00	.00	.00	.00	2929.45	4390.55	.00	7320.00	69.80
34263.000	.00	.00	.00	.00	.00	.00	.00	4480.23	4358.97	960.80	9800.00	72.17
34263.000	.00	.00	.00	.00	.00	.00	.00	5427.41	4233.71	2528.88	12190.00	74.40
34263.000	.00	.00	.00	.00	.00	.00	.00	8173.86	4642.10	7064.04	19880.00	80.27

SECHO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QWEIR	QLOB	QCH	QROB	Q	CMSEL
34264.000	80.00	63.14	.00	.00	.00	.00	.00	546.73	2833.27	.00	3380.00	66.19
34264.000	80.00	63.14	.00	.00	.00	.00	.00	1984.61	2985.39	.00	4970.00	67.82
34264.000	80.00	63.14	.00	.00	.00	.00	.00	4141.55	3178.45	.00	7320.00	69.93
34264.000	80.00	63.14	.00	.00	.00	.00	.00	5605.34	2941.67	1252.99	9800.00	72.24
34264.000	80.00	63.14	.00	.00	.00	.00	.00	6426.00	2742.86	3021.14	12190.00	74.44
34264.000	80.00	63.14	.00	.00	.00	.00	.00	9115.68	2882.64	7881.69	19880.00	80.28
34265.000	80.00	63.14	.00	.00	.00	.00	.00	547.76	2832.24	.00	3380.00	66.20
34265.000	80.00	63.14	.00	.00	.00	.00	.00	1984.86	2985.14	.00	4970.00	67.82
34265.000	80.00	63.14	.00	.00	.00	.00	.00	4141.83	3178.17	.00	7320.00	69.93
34265.000	80.00	63.14	.00	.00	.00	.00	.00	5605.25	2941.48	1253.27	9800.00	72.25
34265.000	80.00	63.14	.00	.00	.00	.00	.00	6425.95	2742.79	3021.26	12190.00	74.44
34265.000	80.00	63.14	.00	.00	.00	.00	.00	9114.44	2881.36	7884.21	19880.00	80.28
34266.000	.00	.00	.00	.00	.00	.00	.00	282.92	3097.08	.00	3380.00	66.18
34266.000	.00	.00	.00	.00	.00	.00	.00	1227.31	3742.69	.00	4970.00	67.77
34266.000	.00	.00	.00	.00	.00	.00	.00	2966.85	4353.15	.00	7320.00	69.89
34266.000	.00	.00	.00	.00	.00	.00	.00	4479.80	4332.86	987.34	9800.00	72.22
34266.000	.00	.00	.00	.00	.00	.00	.00	5424.27	4219.24	2546.50	12190.00	74.42
34266.000	.00	.00	.00	.00	.00	.00	.00	8172.41	4638.18	7069.41	19880.00	80.28
34328.000	.00	.00	.00	.00	.00	.00	.00	287.25	3092.75	.00	3380.00	66.26
34328.000	.00	.00	.00	.00	.00	.00	.00	1230.08	3739.92	.00	4970.00	67.84
34328.000	.00	.00	.00	.00	.00	.00	.00	2961.38	4358.62	.00	7320.00	69.95
34328.000	.00	.00	.00	.00	.00	.00	.00	4480.07	4348.17	971.76	9800.00	72.25
34328.000	.00	.00	.00	.00	.00	.00	.00	5429.16	4241.83	2519.01	12190.00	74.44
34328.000	.00	.00	.00	.00	.00	.00	.00	8177.88	4652.94	7049.18	19880.00	80.28
34816.000	.00	.00	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	66.94
34816.000	.00	.00	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	68.47
34816.000	.00	.00	.00	.00	.00	.00	.00	26.75	7255.79	37.46	7320.00	70.40
34816.000	.00	.00	.00	.00	.00	.00	.00	250.65	9142.79	406.56	9800.00	72.48
34816.000	.00	.00	.00	.00	.00	.00	.00	626.19	10429.79	1134.02	12190.00	74.56
34816.000	.00	.00	.00	.00	.00	.00	.00	1929.59	14044.38	3906.03	19880.00	80.32
35101.000	.00	.00	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	67.18
35101.000	.00	.00	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	68.73
35101.000	.00	.00	.00	.00	.00	.00	.00	21.50	7268.68	29.82	7320.00	70.64
35101.000	.00	.00	.00	.00	.00	.00	.00	229.56	9201.79	368.65	9800.00	72.66
35101.000	.00	.00	.00	.00	.00	.00	.00	592.67	10532.93	1064.20	12190.00	74.68
35101.000	.00	.00	.00	.00	.00	.00	.00	1895.14	14154.00	3830.86	19880.00	80.37
35102.000	85.00	70.69	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	67.04
35102.000	85.00	70.69	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	68.40
35102.000	85.00	70.69	.00	.00	.00	.00	.00	.00	7320.00	.00	7320.00	69.86
35102.000	85.00	70.69	.00	.00	.00	.00	.00	.00	9773.08	26.92	9800.00	71.49
35102.000	85.00	70.69	.00	.00	.00	.00	.00	114.26	9493.70	2582.04	12190.00	74.47
35102.000	85.00	70.69	.00	.00	.00	.00	.00	1210.48	11449.61	7219.90	19880.00	80.35

SECHO	ELLC	ELTRD	EGLWC	EGPRS	ULFSS	OPR	QHEIR	QLOB	QCH	QROB	Q	CMSEL
35132.000	85.00	70.69	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	67.09
35132.000	85.00	70.69	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	68.60
35132.000	85.00	70.69	.00	.00	.00	.00	.00	.00	7320.00	.00	7320.00	70.28
35132.000	85.00	70.69	.00	.00	.00	.00	.00	102.83	7551.12	2146.05	9800.00	74.61
35132.000	85.00	70.69	.00	.00	.00	.00	.00	153.55	9215.37	2821.09	12190.00	74.85
35132.000	85.00	70.69	.00	.00	.00	.00	.00	1214.98	11440.49	7224.52	19880.00	80.38
35133.000	.00	.00	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	67.46
35133.000	.00	.00	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	69.50
35133.000	.00	.00	.00	.00	.00	.00	.00	154.24	6920.89	244.87	7320.00	72.45
35133.000	.00	.00	.00	.00	.00	.00	.00	506.18	8376.33	917.50	9800.00	74.94
35133.000	.00	.00	.00	.00	.00	.00	.00	675.02	10277.23	1237.75	12190.00	75.28
35133.000	.00	.00	.00	.00	.00	.00	.00	1904.90	14122.85	3852.24	19880.00	80.45
35203.000	.00	.00	.00	.00	.00	.00	.00	.00	3380.00	.00	3380.00	67.52
35203.000	.00	.00	.00	.00	.00	.00	.00	.00	4970.00	.00	4970.00	69.55
35203.000	.00	.00	.00	.00	.00	.00	.00	139.99	6959.97	220.04	7320.00	72.48
35203.000	.00	.00	.00	.00	.00	.00	.00	486.96	8435.92	877.12	9800.00	74.95
35203.000	.00	.00	.00	.00	.00	.00	.00	652.67	10347.26	1190.06	12190.00	75.30
35203.000	.00	.00	.00	.00	.00	.00	.00	1884.56	14187.82	3807.62	19880.00	80.46
35329.000	.00	.00	.00	.00	.00	.00	.00	853.26	1746.73	.00	2600.00	67.63
35329.000	.00	.00	.00	.00	.00	.00	.00	1760.96	2039.94	9.10	3810.00	69.69
35329.000	.00	.00	.00	.00	.00	.00	.00	3142.36	2343.61	104.03	5590.00	72.59
35329.000	.00	.00	.00	.00	.00	.00	.00	4503.49	2688.93	287.58	7480.00	75.04
35329.000	.00	.00	.00	.00	.00	.00	.00	5654.72	3285.61	389.67	9330.00	75.42
35329.000	.00	.00	.00	.00	.00	.00	.00	9461.90	4251.12	1416.98	15130.00	80.55
35479.000	.00	.00	.00	.00	.00	.00	.00	99.45	2403.29	97.26	2600.00	67.70
35479.000	.00	.00	.00	.00	.00	.00	.00	396.57	2985.24	428.20	3810.00	69.73
35479.000	.00	.00	.00	.00	.00	.00	.00	889.79	3409.16	1291.05	5590.00	72.63
35479.000	.00	.00	.00	.00	.00	.00	.00	1372.44	3945.05	2162.51	7480.00	75.07
35479.000	.00	.00	.00	.00	.00	.00	.00	1739.68	4827.03	2763.28	9330.00	75.46
35479.000	.00	.00	.00	.00	.00	.00	.00	3211.90	6532.46	5385.64	15130.00	80.58
35817.000	.00	.00	.00	.00	.00	.00	.00	11.65	2588.35	.00	2600.00	67.82
35817.000	.00	.00	.00	.00	.00	.00	.00	75.91	3732.73	1.36	3810.00	69.77
35817.000	.00	.00	.00	.00	.00	.00	.00	367.38	5148.40	74.22	5590.00	72.57
35817.000	.00	.00	.00	.00	.00	.00	.00	846.81	6117.66	515.53	7480.00	75.00
35817.000	.00	.00	.00	.00	.00	.00	.00	1127.98	7442.33	759.69	9330.00	75.36
35817.000	.00	.00	.00	.00	.00	.00	.00	2913.45	7735.91	4480.64	15130.00	80.55
36016.000	.00	.00	.00	.00	.00	.00	.00	10.68	2589.32	.00	2600.00	68.08
36016.000	.00	.00	.00	.00	.00	.00	.00	73.02	3735.86	1.12	3810.00	70.04
36016.000	.00	.00	.00	.00	.00	.00	.00	356.02	5165.69	68.30	5590.00	72.79
36016.000	.00	.00	.00	.00	.00	.00	.00	820.77	6182.80	476.43	7480.00	75.17
36016.000	.00	.00	.00	.00	.00	.00	.00	1110.31	7489.87	729.81	9330.00	75.60
36016.000	.00	.00	.00	.00	.00	.00	.00	2874.01	7882.67	4373.32	15130.00	80.65

SECNO	ELLCC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QNETR	QLOB	QCH	QROB	Q	CHSEL
* 36017.000	95.00	65.25	.00	.00	.00	.00	.00	334.13	2265.35	.52	2600.00	69.57
* 36017.000	95.00	65.25	.00	.00	.00	.00	.00	614.19	3172.08	23.75	3810.00	70.50
36017.000	95.00	65.25	.00	.00	.00	.00	.00	1260.72	4134.84	194.44	5590.00	72.31
36017.000	95.00	65.25	.00	.00	.00	.00	.00	2100.16	4162.68	1217.16	7480.00	75.15
36017.000	95.00	65.25	.00	.00	.00	.00	.00	1784.16	4868.55	1784.16	9330.00	75.65
36017.000	95.00	65.25	.00	.00	.00	.00	.00	4334.03	4160.54	6635.43	15130.00	80.78
36031.000	95.00	65.25	.00	.00	.00	.00	.00	450.53	2123.75	25.92	2600.00	70.80
36031.000	95.00	65.25	.00	.00	.00	.00	.00	785.95	2931.26	92.79	3810.00	71.73
36031.000	95.00	65.25	.00	.00	.00	.00	.00	1359.41	3954.61	275.98	5590.00	72.91
36031.000	95.00	65.25	.00	.00	.00	.00	.00	2111.57	4105.13	1263.30	7480.00	75.27
36031.000	95.00	65.25	.00	.00	.00	.00	.00	2690.05	4782.27	1857.68	9330.00	75.78
36031.000	95.00	65.25	.00	.00	.00	.00	.00	4334.46	4155.88	6639.66	15130.00	80.80
36032.000	.00	.00	.00	.00	.00	.00	.00	96.52	2494.88	8.60	2600.00	71.29
36032.000	.00	.00	.00	.00	.00	.00	.00	205.89	3572.83	31.28	3810.00	72.27
36032.000	.00	.00	.00	.00	.00	.00	.00	422.38	5057.09	110.53	5590.00	73.40
36032.000	.00	.00	.00	.00	.00	.00	.00	838.18	6139.48	502.34	7480.00	75.28
36032.000	.00	.00	.00	.00	.00	.00	.00	1139.61	7410.62	779.77	9330.00	75.75
36032.000	.00	.00	.00	.00	.00	.00	.00	2885.86	7838.53	4405.62	15130.00	80.72
36081.000	.00	.00	.00	.00	.00	.00	.00	89.36	2503.71	6.93	2600.00	71.31
36081.000	.00	.00	.00	.00	.00	.00	.00	194.31	3588.15	27.54	3810.00	72.30
36081.000	.00	.00	.00	.00	.00	.00	.00	405.11	5087.42	97.47	5590.00	73.44
36081.000	.00	.00	.00	.00	.00	.00	.00	813.32	6201.06	465.62	7480.00	75.31
36081.000	.00	.00	.00	.00	.00	.00	.00	1111.17	7487.58	751.25	9330.00	75.79
36081.000	.00	.00	.00	.00	.00	.00	.00	2856.54	7947.88	4325.58	15130.00	80.74
36262.000	.00	.00	.00	.00	.00	.00	.00	686.53	1913.47	.00	2600.00	71.45
36262.000	.00	.00	.00	.00	.00	.00	.00	1152.02	2657.98	.00	3810.00	72.54
36262.000	.00	.00	.00	.00	.00	.00	.00	1803.68	3705.93	.39	5590.00	73.83
36262.000	.00	.00	.00	.00	.00	.00	.00	2819.78	4654.83	5.39	7480.00	75.69
36262.000	.00	.00	.00	.00	.00	.00	.00	3622.48	5697.44	10.08	9330.00	76.29
36262.000	.00	.00	.00	.00	.00	.00	.00	6682.12	7879.30	568.58	15130.00	80.86
36387.000	.00	.00	.00	.00	.00	.00	.00	1051.33	1543.45	5.22	2600.00	71.48
36387.000	.00	.00	.00	.00	.00	.00	.00	1756.82	2026.89	26.29	3810.00	72.60
36387.000	.00	.00	.00	.00	.00	.00	.00	2841.61	2680.25	88.14	5590.00	73.93
36387.000	.00	.00	.00	.00	.00	.00	.00	4121.13	3117.66	241.21	7480.00	75.82
36387.000	.00	.00	.00	.00	.00	.00	.00	5232.27	3738.52	359.21	9330.00	76.47
36387.000	.00	.00	.00	.00	.00	.00	.00	8893.85	4870.74	1365.41	15130.00	81.05
36388.000	.00	.00	.00	.00	.00	.00	.00	1129.10	1465.35	5.54	2600.00	71.49
36388.000	.00	.00	.00	.00	.00	.00	.00	1865.24	1916.89	27.87	3810.00	72.61
36388.000	.00	.00	.00	.00	.00	.00	.00	2986.65	2510.47	92.88	5590.00	73.94
36388.000	.00	.00	.00	.00	.00	.00	.00	4285.05	2944.12	250.83	7480.00	75.83
36388.000	.00	.00	.00	.00	.00	.00	.00	5425.54	3531.94	372.52	9330.00	76.48
36388.000	.00	.00	.00	.00	.00	.00	.00	9108.47	4623.11	1398.42	15130.00	81.06

SECNO	ELLC	ELTRD	EGLVC	EGPKS	CLASS	QPR	QWEIR	QLOB	QCH	QROB	Q	CWSEL
36649.000	.00	.00	.00	.00	.00	.00	.00	1264.41	1330.76	4.83	2600.00	71.57
36649.000	.00	.00	.00	.00	.00	.00	.00	2036.25	1749.78	23.97	3810.00	72.71
36649.000	.00	.00	.00	.00	.00	.00	.00	3242.48	2269.21	78.31	5590.00	74.06
36649.000	.00	.00	.00	.00	.00	.00	.00	4720.68	2560.33	198.98	7480.00	75.95
36649.000	.00	.00	.00	.00	.00	.00	.00	6029.80	3008.01	292.18	9330.00	76.63
36649.000	.00	.00	.00	.00	.00	.00	.00	10528.35	3632.33	969.31	15130.00	81.18
36934.000	.00	.00	.00	.00	.00	.00	.00	1342.75	1257.25	.00	2600.00	71.66
36934.000	.00	.00	.00	.00	.00	.00	.00	2174.82	1635.18	.00	3810.00	72.83
36934.000	.00	.00	.90	.00	.00	.00	.00	3396.67	2192.42	.91	5590.00	74.20
36934.000	.00	.00	.00	.00	.00	.00	.00	4866.33	2590.57	23.09	7480.00	76.06
36934.000	.00	.00	.00	.00	.00	.00	.00	6170.74	3074.41	84.85	9330.00	76.76
36934.000	.00	.00	.00	.00	.00	.00	.00	10193.67	3738.01	1198.32	15130.00	81.25
36935.000	.00	.00	.00	.00	.00	.00	.00	1223.02	1376.98	.00	2600.00	71.65
36935.000	.00	.00	.00	.00	.00	.00	.00	1971.45	1838.55	.00	3810.00	72.82
36935.000	.00	.00	.00	.00	.00	.00	.00	3129.80	2459.35	.85	5590.00	74.20
36935.000	.00	.00	.00	.00	.00	.00	.00	4559.49	2898.80	21.71	7480.00	76.05
36935.000	.00	.00	.00	.00	.00	.00	.00	5811.90	3438.48	79.62	9330.00	76.76
36935.000	.00	.00	.00	.00	.00	.00	.00	9821.24	4155.42	1153.34	15130.00	81.25

LOMER CREEK, 1973 FLOOD

SUMMARY PRINTOUT

SEENO	XLCH	ELM1X	CMSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPH1D	TELMX	XLSEL	RBEL
3605.000	.00	11.80	21.11	.00	5037.78	5763.50	5873.50	6493.77	432.00	40.00	23.90	22.90
3605.000	.00	11.80	22.51	.00	5034.98	5763.50	5737.50	7038.40	1637.51	40.00	23.90	22.90
3605.000	.00	11.80	23.54	.00	5032.93	5763.50	5873.50	7093.76	2031.29	40.00	23.90	22.90
3605.000	.00	11.80	24.48	.00	5031.04	5763.50	5873.50	7117.21	2086.17	40.00	23.90	22.90
3605.000	.00	11.80	25.11	.00	5029.79	5763.50	5873.50	7126.59	2096.80	40.00	23.90	22.90
3605.000	.00	11.80	26.70	.00	5026.61	5763.50	5873.50	7150.46	2123.05	40.00	23.90	22.90
4630.000	1025.00	12.90	24.10	.00	5629.23	5678.50	5746.00	6282.26	653.03	40.00	22.00	21.00
4630.000	1025.00	12.90	25.40	.00	5619.47	5678.50	5746.00	6285.51	666.04	40.00	22.00	21.00
4630.000	1025.00	12.90	26.54	.00	5610.97	5678.50	5746.00	6295.87	684.91	40.00	22.00	21.00
4630.000	1025.00	12.90	27.43	.00	5604.29	5678.50	5746.00	6310.56	706.27	40.00	22.00	21.00
4630.000	1025.00	12.90	28.20	.00	5598.36	5678.50	5746.00	6320.82	722.25	40.00	22.00	21.00
4630.000	1025.00	12.90	30.05	.00	5584.36	5678.50	5746.00	6328.86	744.50	40.00	22.00	21.00
5610.600	980.60	13.33	25.07	.00	4954.99	4950.00	5121.00	5539.43	584.44	39.83	26.20	23.83
5610.600	980.60	13.33	26.38	.00	4921.80	4950.00	5121.00	5592.02	670.21	39.83	26.20	23.83
5610.600	980.60	13.33	27.67	.00	4823.05	4950.00	5121.00	5643.78	820.73	39.83	26.20	23.83
5610.600	980.60	13.33	28.74	.00	4776.87	4950.00	5121.00	5659.09	882.22	39.83	26.20	23.83
5610.600	980.60	13.33	29.66	.00	4737.30	4950.00	5121.00	5668.30	931.00	39.83	26.20	23.83
5610.600	980.60	13.33	31.92	.00	4662.67	4950.00	5121.00	5690.89	1028.21	39.83	26.20	23.83
5893.600	283.00	13.50	25.22	.00	4955.04	4950.00	5121.00	5538.92	583.88	40.00	26.37	24.00
5893.600	283.00	13.50	26.56	.00	4919.90	4950.00	5121.00	5592.51	672.60	40.00	26.37	24.00
5893.600	283.00	13.50	27.89	.00	4820.92	4950.00	5121.00	5645.72	824.80	40.00	26.37	24.00
5893.600	283.00	13.50	28.99	.00	4773.42	4950.00	5121.00	5659.89	886.48	40.00	26.37	24.00
5893.600	283.00	13.50	29.93	.00	4732.82	4950.00	5121.00	5659.34	936.52	40.00	26.37	24.00
5893.600	283.00	13.50	32.25	.00	4558.43	4950.00	5121.00	5692.50	1034.07	40.00	26.37	24.00
5894.600	1.00	13.50	24.96	44.00	4956.21	4950.00	5121.00	5528.29	572.08	40.00	26.37	24.00
5894.600	1.00	13.50	25.96	44.00	4951.80	4950.00	5121.00	5568.38	616.58	40.00	26.37	24.00
5894.600	1.00	13.50	27.18	44.00	4854.45	4950.00	5121.00	5617.28	762.83	40.00	26.37	24.00
5894.600	1.00	13.50	28.50	44.00	4794.26	4950.00	5121.00	5655.04	860.78	40.00	26.37	24.00
5894.600	1.00	13.50	29.57	44.00	4748.28	4950.00	5121.00	5665.74	917.46	40.00	26.37	24.00
5894.600	1.00	13.50	32.03	44.00	4664.18	4950.00	5121.00	5690.31	1026.13	40.00	26.37	24.00
5915.400	20.80	13.50	25.07	44.00	4955.71	4950.00	5121.00	5532.88	577.17	40.00	26.37	24.00
5915.400	20.80	13.50	26.90	44.00	4881.00	4950.00	5121.00	5605.81	724.80	40.00	26.37	24.00
5915.400	20.80	13.50	28.84	44.00	4780.25	4950.00	5121.00	5658.30	878.05	40.00	26.37	24.00
5915.400	20.80	13.50	29.46	44.00	4753.20	4950.00	5121.00	5664.60	911.40	40.00	26.37	24.00
5915.400	20.80	13.50	30.02	44.00	4729.28	4950.00	5121.00	5670.22	940.94	40.00	26.37	24.00
5915.400	20.80	13.50	32.19	44.00	4660.07	4950.00	5121.00	5691.88	1031.80	40.00	26.37	24.00

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SECNO	XLCH	ELMIN	CWSEL	ELLCC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
5916.400	1.00	13.50	25.81	.00	4952.45	4950.00	5121.00	5562.50	610.05	40.00	26.37	24.00
5916.400	1.00	13.50	27.94	.00	4818.61	4950.00	5121.00	5647.83	829.22	40.00	26.37	24.00
5916.400	1.00	13.50	29.48	.00	4752.34	4950.00	5121.00	5664.80	912.45	40.00	26.37	24.00
5916.400	1.00	13.50	30.25	.00	4721.62	4950.00	5121.00	5672.58	950.96	40.00	26.37	24.00
5916.400	1.00	13.50	30.93	.00	4699.52	4950.00	5121.00	5679.38	979.86	40.00	26.37	24.00
5916.400	1.00	13.50	32.96	.00	4639.74	4950.00	5121.00	5699.62	1059.89	40.00	26.37	24.00
5986.400	70.00	13.54	25.84	.00	4952.52	4950.00	5121.00	5561.90	609.38	40.04	26.41	24.04
5986.400	70.00	13.54	27.96	.00	4819.65	4950.00	5121.00	5646.88	827.22	40.04	26.41	24.04
5986.400	70.00	13.54	29.50	.00	4753.00	4950.00	5121.00	5664.64	911.64	40.04	26.41	24.04
5986.400	70.00	13.54	30.29	.00	4721.87	4950.00	5121.00	5672.50	950.63	40.04	26.41	24.04
5986.400	70.00	13.54	30.97	.00	4699.59	4950.00	5121.00	5679.36	979.77	40.04	26.41	24.04
5986.400	70.00	13.54	33.02	.00	4639.24	4950.00	5121.00	5699.81	1060.58	40.04	26.41	24.04
9730.000	3743.60	15.80	27.06	.00	5202.78	5897.50	5987.50	6390.38	1187.59	46.00	25.00	23.00
9730.000	3743.60	15.80	28.95	.00	5185.54	5897.50	5987.50	6395.81	1210.28	46.00	25.00	23.00
9730.000	3743.60	15.80	30.61	.00	5168.96	5897.50	5987.50	6401.61	1232.65	46.00	25.00	23.00
9730.000	3743.60	15.80	31.69	.00	5158.18	5897.50	5987.50	6405.39	1247.20	46.00	25.00	23.00
9730.000	3743.60	15.80	32.63	.00	5148.74	5897.50	5987.50	6409.16	1260.43	46.00	25.00	23.00
9730.000	3743.60	15.80	35.22	.00	5122.79	5897.50	5987.50	6420.19	1297.40	46.00	25.00	23.00
16317.000	6587.00	24.80	33.20	.00	5060.50	5907.00	5989.00	6003.06	690.66	48.00	35.00	31.90
16317.000	6587.00	24.80	34.28	.00	5056.45	5907.00	5989.00	6076.04	846.88	48.00	35.00	31.90
16317.000	6587.00	24.80	36.82	.00	5045.96	5907.00	5989.00	6154.04	1108.08	48.00	35.00	31.90
16317.000	6587.00	24.80	37.95	.00	5040.22	5907.00	5989.00	6159.78	1119.56	48.00	35.00	31.90
16317.000	6587.00	24.80	38.96	.00	5035.18	5907.00	5989.00	6164.82	1129.65	48.00	35.00	31.90
16317.000	6587.00	24.80	41.62	.00	5023.91	5907.00	5989.00	6176.09	1152.19	48.00	35.00	31.90
18585.000	2268.00	27.30	38.26	.00	4530.08	5000.00	5114.31	5102.18	572.10	47.50	35.90	39.50
18585.000	2268.00	27.30	39.45	.00	4504.46	5000.00	5114.31	5106.72	602.26	47.50	35.90	39.50
18585.000	2268.00	27.30	40.65	.00	4478.50	5000.00	5114.31	5228.33	749.83	47.50	35.90	39.50
18585.000	2268.00	27.30	41.77	.00	4454.10	5000.00	5114.31	5242.41	788.31	47.50	35.90	39.50
18585.000	2268.00	27.30	42.77	.00	4432.45	5000.00	5114.31	5254.90	822.45	47.50	35.90	39.50
18585.000	2268.00	27.30	45.37	.00	4376.25	5000.00	5114.31	5283.11	906.86	47.50	35.90	39.50
19028.000	443.00	27.80	38.86	.00	4527.97	5000.00	5114.31	5102.55	574.58	48.00	36.40	40.00
19028.000	443.00	27.80	40.08	.00	4501.57	5000.00	5114.31	5114.31	608.00	48.00	36.40	40.00
19028.000	443.00	27.80	41.35	.00	4473.98	5000.00	5114.31	5114.31	640.33	48.00	36.40	40.00
19028.000	443.00	27.80	42.50	.00	4449.25	5000.00	5114.31	5114.31	665.06	48.00	36.40	40.00
19028.000	443.00	27.80	43.50	.00	4427.30	5000.00	5114.31	5114.31	687.01	48.00	36.40	40.00
19028.000	443.00	27.80	46.12	.00	4370.91	5000.00	5114.31	5285.64	914.73	48.00	36.40	40.00
19029.000	1.00	27.80	38.65	48.88	4532.54	5000.00	5114.31	5101.74	569.20	48.00	36.40	40.00
19029.000	1.00	27.80	39.69	48.88	4510.06	5000.00	5114.31	5105.73	595.67	48.00	36.40	40.00
19029.000	1.00	27.80	40.63	48.88	4489.48	5000.00	5114.31	5221.99	731.45	48.00	36.40	40.00
19029.000	1.00	27.80	41.35	48.88	4473.96	5000.00	5114.31	5230.94	756.98	48.00	36.40	40.00
19029.000	1.00	27.80	41.84	48.88	4463.36	5000.00	5114.31	5237.06	773.69	48.00	36.40	40.00
* 19029.000	1.00	27.80	48.93	48.88	4330.00	5000.00	5114.31	5314.00	984.00	48.00	36.40	40.00

SECNO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	EHDST	TOPWID	TELMX	XLBEL	RBEL
19056.000	27.70	27.80	38.76	48.88	4530.24	5000.00	5114.31	5102.15	571.91	48.00	36.40	40.00
19056.000	27.70	27.80	39.86	48.88	4506.31	5000.00	5114.31	5106.39	600.08	48.00	36.40	40.00
19056.000	27.70	27.80	40.99	48.88	4481.71	5000.00	5114.31	5226.48	761.77	48.00	36.40	40.00
19056.000	27.70	27.80	42.06	48.88	4458.48	5000.00	5114.31	5239.88	781.40	48.00	36.40	40.00
19056.000	27.70	27.80	42.69	48.88	4445.08	5000.00	5114.31	5247.61	802.54	48.00	36.40	40.00
19056.000	27.70	27.80	50.77	48.88	4330.00	5000.00	5114.31	5314.00	984.00	48.00	36.40	40.00
19057.000	1.00	27.80	39.34	.00	4517.65	5000.00	5114.31	5104.38	586.73	48.00	36.40	40.00
19057.000	1.00	27.80	40.92	.00	4483.44	5000.00	5114.31	5114.31	630.87	48.00	36.40	40.00
19057.000	1.00	27.80	42.84	.00	4441.76	5000.00	5114.31	5114.31	672.55	48.00	36.40	40.00
19057.000	1.00	27.80	44.76	.00	4400.16	5000.00	5114.31	5114.31	714.15	48.00	36.40	40.00
19057.000	1.00	27.80	46.95	.00	4352.81	5000.00	5114.31	5294.20	941.38	48.00	36.40	40.00
19057.000	1.00	27.80	51.38	.00	4330.00	5000.00	5114.31	5314.00	984.00	48.00	36.40	40.00
19167.000	110.00	27.98	39.44	.00	4519.39	5000.00	5114.31	5104.07	584.69	48.18	36.58	40.18
19167.000	110.00	27.98	41.01	.00	4485.33	5000.00	5114.31	5224.38	739.05	48.18	36.58	40.18
19167.000	110.00	27.98	42.93	.00	4443.76	5000.00	5114.31	5248.37	804.62	48.18	36.58	40.18
19167.000	110.00	27.98	44.85	.00	4402.23	5000.00	5114.31	5270.83	868.60	48.18	36.58	40.18
19167.000	110.00	27.98	47.00	.00	4355.51	5000.00	5114.31	5292.92	937.41	48.18	36.58	40.18
19167.000	110.00	27.98	51.42	.00	4330.00	5000.00	5114.31	5314.00	984.00	48.18	36.58	40.18
21055.000	1888.00	30.75	41.93	.00	6551.63	6550.00	6630.00	6626.74	75.11	52.00	44.00	44.00
21055.000	1888.00	30.75	43.52	.00	5250.72	6550.00	6630.00	6818.32	636.71	52.00	44.00	44.00
21055.000	1888.00	30.75	45.15	.00	5042.78	6550.00	6630.00	6893.67	1729.27	52.00	44.00	44.00
21055.000	1888.00	30.75	46.88	.00	5032.00	6550.00	6630.00	6906.60	1790.33	52.00	44.00	44.00
21055.000	1888.00	30.75	48.48	.00	5022.02	6550.00	6630.00	6919.18	1897.16	52.00	44.00	44.00
21055.000	1888.00	30.75	52.41	.00	5000.00	6550.00	6630.00	6952.03	1952.03	52.00	44.00	44.00
23157.000	2102.00	34.30	45.85	.00	5246.86	5280.00	5360.00	5453.73	206.87	60.00	45.00	45.00
23157.000	2102.00	34.30	47.90	.00	5167.18	5280.00	5360.00	5851.29	684.12	60.00	45.00	45.00
23157.000	2102.00	34.30	49.52	.00	5107.07	5280.00	5360.00	5977.72	870.66	60.00	45.00	45.00
23157.000	2102.00	34.30	50.48	.00	5084.83	5280.00	5360.00	6021.11	936.28	60.00	45.00	45.00
23157.000	2102.00	34.30	51.41	.00	5074.43	5280.00	5360.00	6033.40	958.97	60.00	45.00	45.00
23157.000	2102.00	34.30	54.45	.00	5041.06	5280.00	5360.00	6072.84	1031.78	60.00	45.00	45.00
24357.000	1200.00	31.39	47.30	.00	5002.51	5000.00	5089.00	5129.97	127.46	60.00	50.00	47.01
24357.000	1200.00	31.39	49.40	.00	5000.56	5000.00	5089.00	6083.23	1082.67	60.00	50.00	47.01
24357.000	1200.00	31.39	51.08	.00	4998.69	5000.00	5089.00	6359.81	1361.12	60.00	50.00	47.01
24357.000	1200.00	31.39	52.27	.00	4997.28	5000.00	5089.00	6370.42	1373.15	60.00	50.00	47.01
24357.000	1200.00	31.39	53.28	.00	4996.06	5000.00	5089.00	6379.54	1383.48	60.00	50.00	47.01
24357.000	1200.00	31.39	56.12	.00	4989.56	5000.00	5089.00	6399.44	1409.87	60.00	50.00	47.01
24362.000	5.00	36.55	47.10	.00	5003.53	5000.00	5082.00	5081.83	78.30	60.00	50.00	47.40
24362.000	5.00	36.55	49.16	.00	5001.01	5000.00	5082.00	5978.85	977.83	60.00	50.00	47.40
24362.000	5.00	36.55	50.95	.00	4998.86	5000.00	5082.00	6358.52	1359.66	60.00	50.00	47.40
24362.000	5.00	36.55	52.19	.00	4997.37	5000.00	5082.00	6369.71	1372.34	60.00	50.00	47.40
24362.000	5.00	36.55	55.24	.00	4996.11	5000.00	5082.00	6379.16	1383.05	60.00	50.00	47.40
24362.000	5.00	36.55	56.13	.00	4989.51	5000.00	5082.00	6399.49	1409.98	60.00	50.00	47.40

SECNO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TCPWID	TELMX	XLBEL	RBEL
25482.000	1120.00	36.90	49.27	.00	5406.48	5440.00	5534.00	5651.33	244.85	60.00	49.20	48.00
25482.000	1120.00	36.90	51.38	.00	5063.19	5440.00	5534.00	5784.87	721.68	60.00	49.20	48.00
25482.000	1120.00	36.90	52.99	.00	5052.85	5440.00	5534.00	5878.57	825.72	60.00	49.20	48.00
25482.000	1120.00	36.90	54.18	.00	5045.23	5440.00	5534.00	5947.65	902.42	60.00	49.20	48.00
25482.000	1120.00	36.90	55.22	.00	5038.27	5440.00	5534.00	5995.87	957.60	60.00	49.20	48.00
25482.000	1120.00	36.90	57.92	.00	5016.63	5440.00	5534.00	6006.69	990.06	60.00	49.20	48.00
27410.000	1928.00	41.60	51.99	.00	5151.13	5145.00	5265.00	5954.94	766.13	65.00	55.90	55.70
27410.000	1928.00	41.60	53.82	.00	5148.26	5145.00	5265.00	5996.27	816.08	65.00	55.90	55.70
27410.000	1928.00	41.60	55.77	.00	5114.01	5145.00	5265.00	6032.16	913.24	65.00	55.90	55.70
27410.000	1928.00	41.60	57.16	.00	5114.01	5145.00	5265.00	6048.83	934.82	65.00	55.90	55.70
27410.000	1928.00	41.60	53.34	.00	5114.01	5145.00	5265.00	6063.06	949.06	65.00	55.90	55.70
27410.000	1928.00	41.60	61.32	.00	5114.00	5145.00	5265.00	6101.44	987.44	65.00	55.90	55.70
27472.000	62.00	41.59	51.79	.00	4993.66	4991.00	5064.50	5655.54	452.04	65.02	53.39	50.02
27472.000	62.00	41.59	53.66	.00	4985.15	4991.00	5064.50	5692.82	623.53	65.02	53.39	50.02
27472.000	62.00	41.59	55.65	.00	4887.89	4991.00	5064.50	5730.04	811.93	65.02	53.39	50.02
27472.000	62.00	41.59	57.06	.00	4852.35	4991.00	5064.50	5752.63	900.28	65.02	53.39	50.02
27472.000	62.00	41.59	58.26	.00	4849.36	4991.00	5064.50	5771.86	922.49	65.02	53.39	50.02
27472.000	62.00	41.59	61.27	.00	4840.01	4991.00	5064.50	5809.98	969.98	65.02	53.39	50.02
27655.000	183.00	41.57	52.80	.00	4991.94	4991.00	5064.50	5676.13	564.14	65.00	53.37	50.00
27655.000	183.00	41.57	54.37	.00	4969.25	4991.00	5064.50	5707.55	698.07	65.00	53.37	50.00
27655.000	183.00	41.57	56.15	.00	4854.54	4991.00	5064.50	5738.45	883.91	65.00	53.37	50.00
27655.000	183.00	41.57	57.51	.00	4851.18	4991.00	5064.50	5760.12	908.94	65.00	53.37	50.00
27655.000	183.00	41.57	58.67	.00	4848.29	4991.00	5064.50	5778.81	930.52	65.00	53.37	50.00
27655.000	183.00	41.57	61.64	.00	4838.45	4991.00	5064.50	5813.11	974.66	65.00	53.37	50.00
27656.000	1.00	41.57	53.01	75.00	4991.60	4991.00	5064.50	5680.25	562.41	65.00	53.37	50.00
27656.000	1.00	41.57	54.64	75.00	4963.53	4991.00	5064.50	5712.85	720.65	65.00	53.37	50.00
27656.000	1.00	41.57	56.41	75.00	4853.90	4991.00	5064.50	5742.59	888.69	65.00	53.37	50.00
27656.000	1.00	41.57	57.77	75.00	4850.53	4991.00	5064.50	5764.35	913.82	65.00	53.37	50.00
27656.000	1.00	41.57	58.95	75.00	4847.62	4991.00	5064.50	5783.13	935.52	65.00	53.37	50.00
27656.000	1.00	41.57	61.93	75.00	4837.27	4991.00	5064.50	5815.46	978.18	65.00	53.37	50.00
27664.000	8.00	41.57	53.09	75.00	4991.47	4991.00	5064.50	5681.82	569.37	65.00	53.37	50.00
27664.000	8.00	41.57	54.69	75.00	4962.77	4991.00	5064.50	5713.55	723.64	65.00	53.37	50.00
27664.000	8.00	41.57	56.44	75.00	4853.85	4991.00	5064.50	5742.93	889.07	65.00	53.37	50.00
27664.000	8.00	41.57	57.80	75.00	4850.48	4991.00	5064.50	5764.65	914.17	65.00	53.37	50.00
27664.000	8.00	41.57	58.97	75.00	4847.57	4991.00	5064.50	5783.42	935.84	65.00	53.37	50.00
27664.000	8.00	41.57	61.95	75.00	4837.21	4991.00	5064.50	5815.58	978.37	65.00	53.37	50.00
27665.000	1.00	41.57	53.03	.00	4991.56	4991.00	5064.50	5680.63	564.09	65.00	53.37	50.00
27665.000	1.00	41.57	54.61	.00	4964.26	4991.00	5064.50	5712.17	717.75	65.00	53.37	50.00
27665.000	1.00	41.57	56.36	.00	4854.03	4991.00	5064.50	5741.77	887.75	65.00	53.37	50.00
27665.000	1.00	41.57	57.71	.00	4850.68	4991.00	5064.50	5763.40	912.72	65.00	53.37	50.00
27665.000	1.00	41.57	58.88	.00	4847.78	4991.00	5064.50	5782.08	934.30	65.00	53.37	50.00
27665.000	1.00	41.57	61.85	.00	4837.59	4991.00	5064.50	5814.82	977.22	65.00	53.37	50.00

SECNO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWJD	TELMX	XLBEL	RBEL
27710.000	45.00	41.64	53.22	.00	4991.37	4991.00	5064.50	5682.98	574.51	65.07	53.44	50.07
27710.000	45.00	41.64	54.77	.00	4962.34	4991.00	5064.50	5713.95	725.35	65.07	53.44	50.07
27710.000	45.00	41.64	56.50	.00	4853.85	4991.00	5064.50	5742.96	889.11	65.07	53.44	50.07
27710.000	45.00	41.64	57.85	.00	4850.50	4991.00	5064.50	5764.52	914.01	65.07	53.44	50.07
27710.000	45.00	41.64	59.03	.00	4847.59	4991.00	5064.50	5783.29	935.70	65.07	53.44	50.07
27710.000	45.00	41.64	62.00	.00	4837.29	4991.00	5064.50	5815.42	978.13	65.07	53.44	50.07
28674.000	964.00	43.06	54.64	.00	4999.92	5000.00	5092.00	5792.28	792.37	74.60	54.60	54.58
28674.000	964.00	43.06	56.08	.00	4996.17	5000.00	5092.00	5805.27	809.10	74.60	54.60	54.58
28674.000	964.00	43.06	57.67	.00	4991.97	5000.00	5092.00	5819.79	827.82	74.60	54.60	54.58
28674.000	964.00	43.06	59.02	.00	4988.51	5000.00	5092.00	5831.79	843.28	74.60	54.60	54.58
28674.000	964.00	43.06	60.17	.00	4985.30	5000.00	5092.00	5842.65	857.35	74.60	54.60	54.58
28674.000	964.00	43.06	63.14	.00	4976.38	5000.00	5092.00	5872.40	896.01	74.60	54.60	54.58
28949.000	275.00	43.46	55.00	.00	5000.00	5000.00	5092.00	5792.00	792.00	75.00	55.00	54.98
28949.000	275.00	43.46	56.42	.00	4996.30	5000.00	5092.00	5804.81	808.52	75.00	55.00	54.98
28949.000	275.00	43.46	58.02	.00	4992.12	5000.00	5092.00	5819.28	827.16	75.00	55.00	54.98
28949.000	275.00	43.46	59.36	.00	4988.65	5000.00	5092.00	5831.28	842.63	75.00	55.00	54.98
28949.000	275.00	43.46	60.50	.00	4985.48	5000.00	5092.00	5842.08	856.60	75.00	55.00	54.98
28949.000	275.00	43.46	63.49	.00	4976.54	5000.00	5092.00	5871.88	895.34	75.00	55.00	54.98
28950.000	1.00	43.46	55.04	75.00	4999.90	5000.00	5092.00	5792.34	792.43	75.00	55.00	54.98
28950.000	1.00	43.46	56.59	75.00	4995.85	5000.00	5092.00	5806.36	810.51	75.00	55.00	54.98
28950.000	1.00	43.46	58.25	75.00	4991.55	5000.00	5092.00	5821.24	829.68	75.00	55.00	54.98
28950.000	1.00	43.46	59.62	75.00	4988.00	5000.00	5092.00	5833.55	845.56	75.00	55.00	54.98
28950.000	1.00	43.46	60.78	75.00	4984.66	5000.00	5092.00	5844.78	860.12	75.00	55.00	54.98
28950.000	1.00	43.46	63.82	75.00	4975.54	5000.00	5092.00	5875.19	899.64	75.00	55.00	54.98
28951.000	.67	43.46	55.04	75.00	4999.90	5000.00	5092.00	5792.35	792.46	75.00	55.00	54.98
28951.000	.67	43.46	56.60	75.00	4995.85	5000.00	5092.00	5806.36	810.51	75.00	55.00	54.98
28951.000	.67	43.46	58.25	75.00	4991.55	5000.00	5092.00	5821.24	829.69	75.00	55.00	54.98
28951.000	.67	43.46	59.62	75.00	4987.99	5000.00	5092.00	5833.56	845.56	75.00	55.00	54.98
28951.000	.67	43.46	60.78	75.00	4984.66	5006.00	5092.00	5844.79	860.12	75.00	55.00	54.98
28951.000	.67	43.46	63.82	75.00	4975.54	5000.00	5092.00	5875.19	899.65	75.00	55.00	54.98
28952.000	1.00	43.46	55.03	.00	4999.90	5000.00	5092.00	5792.36	792.47	75.00	55.00	54.98
28952.000	1.00	43.46	56.54	.00	4995.99	5000.00	5092.00	5805.89	809.90	75.00	55.00	54.98
28952.000	1.00	43.46	58.18	.00	4991.74	5000.00	5092.00	5820.58	828.83	75.00	55.00	54.98
28952.000	1.00	43.46	59.53	.00	4988.22	5000.00	5092.00	5832.78	844.57	75.00	55.00	54.98
28952.000	1.00	43.46	60.69	.00	4984.94	5000.00	5092.00	5843.85	858.91	75.00	55.00	54.98
28952.000	1.00	43.46	63.70	.00	4975.88	5000.00	5092.00	5874.05	898.17	75.00	55.00	54.98
29019.000	68.00	43.57	55.14	.00	4999.92	5000.00	5092.00	5792.28	792.36	75.11	55.11	55.09
29019.000	68.00	43.57	56.64	.00	4996.01	5000.00	5092.00	5805.80	809.79	75.11	55.11	55.09
29019.000	68.00	43.57	58.27	.00	4991.78	5000.00	5092.00	5820.44	828.66	75.11	55.11	55.09
29019.000	68.00	43.57	59.63	.00	4988.22	5000.00	5092.00	5832.77	844.55	75.11	55.11	55.09
29019.000	68.00	43.57	60.78	.00	4984.96	5000.00	5092.00	5843.81	858.85	75.11	55.11	55.09
29019.000	68.00	43.57	63.81	.00	4975.89	5000.00	5092.00	5874.03	898.13	75.11	55.11	55.09

SECNO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
31030.000	2011.00	46.79	58.33	.00	5232.03	5229.00	5360.00	5336.58	104.56	75.00	60.00	60.00
31030.000	2011.00	46.79	59.86	.00	5229.25	5229.00	5360.00	5358.07	128.82	75.00	60.00	60.00
31030.000	2011.00	46.79	61.54	.00	5224.73	5229.00	5360.00	5736.79	512.07	75.00	60.00	60.00
31030.000	2011.00	46.79	62.94	.00	5220.76	5229.00	5360.00	5752.37	531.61	75.00	60.00	60.00
31030.000	2011.00	46.79	64.11	.00	5217.48	5229.00	5360.00	5765.25	547.77	75.00	60.00	60.00
31030.000	2011.00	46.79	67.22	.00	5210.58	5229.00	5360.00	5736.06	575.48	75.00	60.00	60.00
31330.000	300.00	46.00	58.92	.00	5074.93	5065.00	5165.00	5403.14	296.86	80.00	67.30	60.20
31330.000	300.00	46.00	60.61	.00	5072.93	5065.00	5165.00	5530.49	457.56	80.00	67.30	60.20
31330.000	300.00	46.00	62.41	.00	5070.80	5065.00	5165.00	5546.65	475.85	80.00	67.30	60.20
31330.000	300.00	46.00	63.86	.00	5069.08	5065.00	5165.00	5559.71	490.63	80.00	67.30	60.20
31330.000	300.00	46.00	65.04	.00	5067.67	5065.00	5165.00	5570.24	502.56	80.00	67.30	60.20
31330.000	300.00	46.00	68.15	.00	5032.58	5065.00	5165.00	5586.79	554.21	80.00	67.30	60.20
32443.000	1113.00	46.23	60.90	.00	5012.69	5000.00	5075.00	5523.08	510.38	70.13	65.13	60.13
32443.000	1113.00	46.23	62.58	.00	5007.64	5000.00	5075.00	5529.82	522.18	70.13	65.13	60.13
32443.000	1113.00	46.23	64.45	.00	5002.06	5000.00	5075.00	5537.25	535.20	70.13	65.13	60.13
32443.000	1113.00	46.23	65.99	.00	4986.21	5000.00	5075.00	5546.89	560.68	70.13	65.13	60.13
32443.000	1113.00	46.23	67.25	.00	4966.04	5000.00	5075.00	5556.98	590.94	70.13	65.13	60.13
32443.000	1113.00	46.23	70.58	.00	4920.00	5000.00	5075.00	5617.74	697.74	70.13	65.13	60.13
32754.000	311.00	46.10	62.12	.00	5008.62	5000.00	5075.00	5528.50	519.88	70.00	65.00	60.00
32754.000	311.00	46.10	63.34	.00	5004.99	5000.00	5075.00	5533.35	528.35	70.00	65.00	60.00
32754.000	311.00	46.10	64.97	.00	5000.10	5000.00	5075.00	5539.87	539.78	70.00	65.00	60.00
32754.000	311.00	46.10	66.42	.00	4977.23	5000.00	5075.00	5551.39	574.16	70.00	65.00	60.00
32754.000	311.00	46.10	67.65	.00	4957.65	5000.00	5075.00	5561.17	603.52	70.00	65.00	60.00
32754.000	311.00	46.10	70.92	.00	4920.00	5000.00	5075.00	5657.69	737.69	70.00	65.00	60.00
32755.000	1.00	46.10	62.01	71.60	4999.97	5000.00	5083.00	5080.14	80.17	70.84	62.00	64.00
32755.000	1.00	46.10	63.06	71.60	4996.41	5000.00	5083.00	5080.34	83.93	70.84	62.00	64.00
32755.000	1.00	46.10	64.43	71.60	4991.74	5000.00	5083.00	5086.04	94.30	70.84	62.00	64.00
32755.000	1.00	46.10	65.60	71.60	4987.76	5000.00	5083.00	5094.23	106.47	70.84	62.00	64.00
32755.000	1.00	46.10	66.52	71.60	4984.66	5000.00	5083.00	5100.61	115.95	70.84	62.00	64.00
* 32755.000	1.00	46.10	72.90	71.60	4970.00	5000.00	5083.00	5283.00	313.00	70.84	62.00	64.00
32780.000	25.00	46.10	62.06	71.60	4999.81	5000.00	5083.00	5080.15	80.34	70.84	62.00	64.00
32780.000	25.00	46.10	63.15	71.60	4995.10	5000.00	5083.00	5080.36	84.26	70.84	62.00	64.00
32780.000	25.00	46.10	64.57	71.60	4991.26	5000.00	5083.00	5087.01	95.75	70.84	62.00	64.00
32780.000	25.00	46.10	65.80	71.60	4987.09	5000.00	5083.00	5095.62	108.54	70.84	62.00	64.00
32780.000	25.00	46.10	66.81	71.60	4983.67	5000.00	5083.00	5102.67	119.01	70.84	62.00	64.00
32780.000	25.00	46.10	75.31	71.60	4970.00	5000.00	5083.00	5283.00	313.00	70.84	62.00	64.00
32781.000	1.00	46.10	62.15	.00	5000.00	5000.00	5083.00	5080.17	80.17	70.84	62.00	64.00
32781.000	1.00	46.10	63.30	.00	5000.00	5000.00	5083.00	5080.41	80.41	70.84	62.00	64.00
32781.000	1.00	46.10	64.87	.00	5000.00	5000.00	5083.00	5083.00	83.00	70.84	62.00	64.00
32781.000	1.00	46.10	66.29	.00	5000.00	5000.00	5083.00	5083.00	83.00	70.84	62.00	64.00
32781.000	1.00	46.10	67.54	.00	5000.00	5000.00	5083.00	5083.00	83.00	70.84	62.00	64.00
32781.000	1.00	46.10	75.73	.00	4970.00	5000.00	5083.00	5283.00	313.00	70.84	62.00	64.00

SECNO	XLCH	ELMIN	CHSEL	ELLC	SSTA	STCKL	STCKR	EMDST	TOPWID	TELMX	XLBEL	RBEL
32858.000	77.00	48.40	62.06	.00	5015.89	5010.00	5070.00	5065.19	49.30	75.00	65.00	65.00
32858.000	77.00	48.40	63.10	.00	5013.79	5010.00	5070.00	5066.90	53.11	75.00	65.00	65.00
32858.000	77.00	48.40	64.48	.00	5011.04	5010.00	5070.00	5069.15	58.12	75.00	65.00	65.00
32858.000	77.00	48.40	65.64	.00	5008.70	5010.00	5070.00	5071.95	63.25	75.00	65.00	65.00
32858.000	77.00	48.40	66.84	.00	5006.32	5010.00	5070.00	5075.52	69.21	75.00	65.00	65.00
32858.000	77.00	48.40	74.39	.00	4999.12	5010.00	5070.00	5089.39	90.27	75.00	65.00	65.00
32906.000	48.00	50.90	63.62	.00	4836.34	4800.00	5135.51	5124.79	288.45	76.40	65.00	65.00
32906.000	48.00	50.90	65.71	.00	4792.91	4800.00	5135.51	5204.43	411.52	76.40	65.00	65.00
32906.000	48.00	50.90	68.58	.00	4764.18	4800.00	5135.51	5295.36	531.18	76.40	65.00	65.00
32906.000	48.00	50.90	71.35	.00	4735.13	4800.00	5135.51	5711.59	976.45	76.40	65.00	65.00
32906.000	48.00	50.90	73.84	.00	4707.79	4800.00	5135.51	6087.86	1380.07	76.40	65.00	65.00
32906.000	48.00	50.90	80.09	.00	4465.00	4800.00	5135.51	6350.00	1885.00	76.40	65.00	65.00
32907.000	1.00	50.90	63.58	80.00	4837.28	4800.00	5135.51	5124.69	287.41	76.40	65.00	65.00
32907.000	1.00	50.90	65.65	80.00	4793.47	4800.00	5135.51	5201.55	408.06	76.40	65.00	65.00
32907.000	1.00	50.90	68.49	80.00	4765.09	4800.00	5135.51	5293.85	528.76	76.40	65.00	65.00
32907.000	1.00	50.90	71.21	80.00	4736.73	4800.00	5135.51	5669.32	932.59	76.40	65.00	65.00
32907.000	1.00	50.90	73.74	80.00	4708.51	4800.00	5135.51	6077.50	1268.23	76.40	65.00	65.00
32907.000	1.00	50.90	80.08	80.00	4465.00	4800.00	5135.51	6350.00	1885.00	76.40	65.00	65.00
32938.000	30.30	50.90	63.60	80.00	4836.96	4800.00	5135.51	5124.72	287.76	76.40	65.00	65.00
32938.000	30.30	50.90	65.67	80.00	4793.36	4800.00	5135.51	5202.20	408.84	76.40	65.00	65.00
32938.000	30.30	50.90	68.51	80.00	4764.98	4800.00	5135.51	5294.04	529.06	76.40	65.00	65.00
32938.000	30.30	50.90	71.26	80.00	4736.20	4800.00	5135.51	5683.57	947.38	76.40	65.00	65.00
32938.000	30.30	50.90	73.82	80.00	4708.03	4800.00	5135.51	6085.67	1377.63	76.40	65.00	65.00
32938.000	30.30	50.90	80.10	80.00	4465.00	4800.00	5135.51	6350.00	1885.00	76.40	65.00	65.00
32939.000	1.00	50.90	63.69	.00	4834.60	4800.00	5135.51	5124.96	290.36	76.40	65.00	65.00
32939.000	1.00	50.90	65.82	.00	4791.79	4800.00	5135.51	5210.06	418.27	76.40	65.00	65.00
32939.000	1.00	50.90	68.75	.00	4762.52	4800.00	5135.51	5298.13	535.60	76.40	65.00	65.00
32939.000	1.00	50.90	71.64	.00	4731.96	4800.00	5135.51	5795.54	1063.58	76.40	65.00	65.00
32939.000	1.00	50.90	74.07	.00	4705.22	4800.00	5135.51	6111.79	1406.57	76.40	65.00	65.00
32939.000	1.00	50.90	80.10	.00	4465.00	4800.00	5135.51	6350.00	1885.00	76.40	65.00	65.00
32951.000	12.00	50.90	63.69	.00	4833.21	4800.00	5130.00	5124.97	291.76	76.40	65.00	65.00
32951.000	12.00	50.90	65.83	.00	4791.74	4800.00	5130.00	5210.31	418.57	76.40	65.00	65.00
32951.000	12.00	50.90	68.75	.00	4762.48	4800.00	5130.00	5298.20	535.72	76.40	65.00	65.00
32951.000	12.00	50.90	71.64	.00	4731.84	4800.00	5130.00	5798.57	1066.73	76.40	65.00	65.00
32951.000	12.00	50.90	74.07	.00	4705.14	4800.00	5130.00	6112.56	1407.42	76.40	65.00	65.00
32951.000	12.00	50.90	80.10	.00	4465.00	4800.00	5130.00	6350.00	1885.00	76.40	65.00	65.00
32963.000	12.00	50.90	63.70	.00	4833.05	4800.00	5130.00	5124.99	291.94	76.40	65.00	65.00
32963.000	12.00	50.90	65.83	.00	4791.70	4800.00	5130.00	5210.52	418.83	76.40	65.00	65.00
32963.000	12.00	50.90	68.75	.00	4762.47	4800.00	5130.00	5298.22	535.76	76.40	65.00	65.00
32963.000	12.00	50.90	71.64	.00	4731.91	4800.00	5130.00	5796.68	1064.77	76.40	65.00	65.00
32963.000	12.00	50.90	74.07	.00	4705.19	4800.00	5130.00	6112.07	1406.88	76.40	65.00	65.00
32963.000	12.00	50.90	80.10	.00	4465.00	4800.00	5130.00	6350.00	1885.00	76.40	65.00	65.00

SECKO	XLCH	ELMIN	CUSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPMID	TELMX	XLBEL	RBEL
32964.000	1.00	50.90	63.69	80.00	4833.04	4800.00	5130.00	5124.99	291.95	76.40	65.00	65.00
32964.000	1.00	50.90	65.83	80.00	4791.69	4800.00	5130.00	5210.54	418.85	76.40	65.00	65.00
32964.000	1.00	50.90	68.75	80.00	4762.46	4800.00	5130.00	5298.23	535.76	76.40	65.00	65.00
32964.000	1.00	50.90	71.65	80.00	4731.86	4800.00	5130.00	5796.70	1064.79	76.40	65.00	65.00
32964.000	1.00	50.90	74.08	80.00	4705.19	4800.00	5130.00	6112.08	1406.89	76.40	65.00	65.00
32964.000	1.00	50.90	80.12	80.00	4465.00	4800.00	5130.00	6350.00	1885.00	76.40	65.00	65.00
32965.000	.67	50.90	63.70	80.00	4833.08	4800.00	5130.00	5124.99	291.91	76.40	65.00	65.00
32965.000	.67	50.90	65.83	80.00	4791.71	4800.00	5130.00	5210.47	418.77	76.40	65.00	65.00
32965.000	.67	50.90	68.75	80.00	4762.46	4800.00	5130.00	5298.23	535.77	76.40	65.00	65.00
32965.000	.67	50.90	71.65	80.00	4731.86	4800.00	5130.00	5798.01	1066.14	76.40	65.00	65.00
32965.000	.67	50.90	74.08	80.00	4705.09	4800.00	5130.00	6113.00	1407.91	76.40	65.00	65.00
32965.000	.67	50.90	80.12	80.00	4465.00	4800.00	5130.00	6350.00	1885.00	76.40	65.00	65.00
32966.000	1.00	50.90	63.70	.00	4833.06	4800.00	5130.00	5124.99	291.93	76.40	65.00	65.00
32966.000	1.00	50.90	65.83	.00	4791.70	4800.00	5130.00	5210.51	418.81	76.40	65.00	65.00
32966.000	1.00	50.90	68.75	.00	4762.46	4800.00	5130.00	5298.24	535.78	76.40	65.00	65.00
32966.000	1.00	50.90	71.65	.00	4731.86	4800.00	5130.00	5798.12	1066.26	76.40	65.00	65.00
32966.000	1.00	50.90	74.08	.00	4705.09	4800.00	5130.00	6113.04	1407.95	76.40	65.00	65.00
32966.000	1.00	50.90	80.11	.00	4465.00	4800.00	5130.00	6350.00	1885.00	76.40	65.00	65.00
33073.000	107.00	51.47	63.74	.00	4846.46	4800.00	5130.00	5123.60	277.14	76.97	65.57	65.57
33073.000	107.00	51.47	65.87	.00	4796.95	4800.00	5130.00	5184.24	387.28	76.97	65.57	65.57
33073.000	107.00	51.47	68.77	.00	4767.90	4800.00	5130.00	5289.17	521.27	76.97	65.57	65.57
33073.000	107.00	51.47	71.66	.00	4737.90	4800.00	5130.00	5638.57	900.67	76.97	65.57	65.57
33073.000	107.00	51.47	74.09	.00	4711.22	4800.00	5130.00	6056.04	1344.82	76.97	65.57	65.57
33073.000	107.00	51.47	80.12	.00	4485.73	4800.00	5130.00	6350.00	1864.27	76.97	65.57	65.57
33672.000	599.00	53.75	64.63	.00	5084.53	5905.00	5975.00	5961.27	479.25	75.00	69.00	72.00
33672.000	599.00	53.75	66.53	.00	5047.84	5905.00	5975.00	5964.80	692.01	75.00	69.00	72.00
33672.000	599.00	53.75	69.17	.00	5032.00	5905.00	5975.00	5969.72	937.73	75.00	69.00	72.00
33672.000	599.00	53.75	71.88	.00	5016.87	5905.00	5975.00	6738.75	1718.41	75.00	69.00	72.00
33672.000	599.00	53.75	74.24	.00	5004.12	5905.00	5975.00	6762.37	1758.25	75.00	69.00	72.00
33672.000	599.00	53.75	80.20	.00	5000.00	5905.00	5975.00	6770.00	1770.00	75.00	69.00	72.00
34012.000	340.00	53.90	65.71	.00	4441.89	5000.00	5088.00	5076.84	552.63	79.88	68.88	71.88
34012.000	340.00	53.90	67.25	.00	4424.92	5000.00	5088.00	5079.63	617.16	79.88	68.88	71.88
34012.000	340.00	53.90	69.53	.00	4399.87	5000.00	5088.00	5083.75	683.88	79.88	68.88	71.88
34012.000	340.00	53.90	72.03	.00	4387.38	5000.00	5088.00	5849.08	1461.70	79.88	68.88	71.88
34012.000	340.00	53.90	74.32	.00	4378.26	5000.00	5088.00	5930.55	1552.29	79.88	68.88	71.88
34012.000	340.00	53.90	80.23	.00	4346.00	5000.00	5088.00	6326.00	1980.00	79.88	68.88	71.88
34263.000	251.00	54.02	66.13	.00	4438.53	5000.00	5088.00	5077.39	572.81	80.00	69.00	72.00
34263.000	251.00	54.02	67.66	.00	4421.76	5000.00	5088.00	5080.15	627.47	80.00	69.00	72.00
34263.000	251.00	54.02	69.80	.00	4398.20	5000.00	5088.00	5084.02	685.83	80.00	69.00	72.00
34263.000	251.00	54.02	72.17	.00	4387.32	5000.00	5088.00	5849.42	1462.10	80.00	69.00	72.00
34263.000	251.00	54.02	74.40	.00	4378.42	5000.00	5088.00	5928.78	1550.36	80.00	69.00	72.00
34263.000	251.00	54.02	80.27	.00	4346.00	5000.00	5088.00	6326.00	1980.00	80.00	69.00	72.00

SECH0	XLCH	ELM1Y	CASEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
34264.000	1.00	54.02	66.19	80.00	4437.89	5000.00	5088.00	5077.50	574.92	80.00	69.00	72.00
34264.000	1.00	54.02	67.82	80.00	4420.01	5000.00	5088.00	5080.44	633.16	80.00	69.00	72.00
34264.000	1.00	54.02	69.93	80.00	4396.73	5000.00	5088.00	5084.26	687.54	80.00	69.00	72.00
34264.000	1.00	54.02	72.24	80.90	4387.02	5000.00	5088.00	5850.90	1463.87	80.00	69.00	72.00
34264.000	1.00	54.02	74.44	80.00	4378.25	5000.00	5088.00	5930.69	1552.44	80.00	69.00	72.00
34264.000	1.00	54.02	80.28	80.00	4346.00	5000.00	5088.00	6326.00	1980.00	80.00	69.00	72.00
34265.000	.67	54.02	66.20	80.00	4437.87	5000.00	5028.00	5077.50	574.93	80.00	69.00	72.00
34265.000	.67	54.02	67.82	80.00	4420.01	5000.00	5088.00	5080.44	633.18	80.00	69.00	72.00
34265.000	.67	54.02	69.93	80.00	4396.72	5000.00	5088.00	5084.27	687.54	80.00	69.00	72.00
34265.000	.67	54.02	72.25	80.00	4387.02	5000.00	5088.00	5850.90	1463.88	80.00	69.00	72.00
34265.000	.67	54.02	74.44	80.00	4378.25	5000.00	5088.00	5930.70	1552.45	80.00	69.00	72.00
34265.000	.67	54.02	80.28	80.00	4346.00	5000.00	5088.00	6326.00	1980.00	80.00	69.00	72.00
34266.000	1.00	54.02	66.18	.00	4438.03	5000.00	5088.00	5077.47	574.44	80.00	69.00	72.00
34266.000	1.00	54.02	67.77	.00	4420.55	5000.00	5088.00	5080.35	631.40	80.00	69.00	72.00
34266.000	1.00	54.02	69.89	.00	4397.22	5000.00	5088.00	5084.18	686.96	80.00	69.00	72.00
34266.000	1.00	54.02	72.22	.00	4387.12	5000.00	5088.00	5850.39	1463.26	80.00	69.00	72.00
34266.000	1.00	54.02	74.42	.00	4378.28	5000.00	5088.00	5930.38	1552.10	80.00	69.00	72.00
34266.000	1.00	54.02	80.28	.00	4346.00	5000.00	5088.00	6326.00	1980.00	80.00	69.00	72.00
34328.000	62.00	54.09	66.26	.00	4437.90	5000.00	5088.00	5077.50	574.88	80.07	69.07	72.07
34328.000	62.00	54.09	67.84	.00	4420.49	5000.00	5088.00	5080.36	631.62	80.07	69.07	72.07
34328.000	62.00	54.09	69.95	.00	4397.36	5000.00	5088.00	5084.16	686.80	80.07	69.07	72.07
34328.000	62.00	54.09	72.25	.00	4387.24	5000.00	5088.00	5849.82	1462.58	80.07	69.07	72.07
34328.000	62.00	54.09	74.44	.00	4378.50	5000.00	5088.00	5927.89	1549.39	80.07	69.07	72.07
34328.000	62.00	54.09	80.28	.00	4346.00	5000.00	5088.00	6326.00	1980.00	80.07	69.07	72.07
34816.000	488.00	54.65	66.94	.00	4933.86	4900.00	5177.00	5149.91	216.05	75.65	69.65	69.65
34816.000	488.00	54.65	68.47	.00	4914.80	4900.00	5177.00	5165.16	250.36	75.65	69.65	69.65
34816.000	488.00	54.65	70.40	.00	4772.45	4900.00	5177.00	5332.85	560.39	75.65	69.65	69.65
34816.000	488.00	54.65	72.48	.00	4696.09	4900.00	5177.00	5487.65	791.55	75.65	69.65	69.65
34816.000	488.00	54.65	74.56	.00	4674.07	4900.00	5177.00	5557.36	883.30	75.65	69.65	69.65
34816.000	488.00	54.65	80.32	.00	4626.11	4900.00	5177.00	5590.00	963.89	75.65	69.65	69.65
35101.000	285.00	55.00	67.18	.00	4935.26	4900.00	5177.00	5148.79	213.53	76.00	70.00	70.00
35101.000	285.00	55.00	68.73	.00	4915.87	4900.00	5177.00	5164.30	248.43	76.00	70.00	70.00
35101.000	285.00	55.00	70.64	.00	4776.03	4900.00	5177.00	5325.59	549.56	76.00	70.00	70.00
35101.000	285.00	55.00	72.66	.00	4702.74	4900.00	5177.00	5474.18	771.44	76.00	70.00	70.00
35101.000	285.00	55.00	74.68	.00	4676.07	4900.00	5177.00	5550.16	874.10	76.00	70.00	70.00
35101.000	285.00	55.00	80.37	.00	4628.65	4900.00	5177.00	5590.00	961.36	76.00	70.00	70.00
35102.000	1.00	55.00	67.04	85.00	4936.98	4900.00	5177.00	5147.42	210.44	76.00	70.00	70.00
35102.000	1.00	55.00	68.40	85.00	4919.96	4900.00	5177.00	5161.03	241.07	76.00	70.00	70.00
35102.000	1.00	55.00	69.85	85.00	4901.79	4900.00	5177.00	5175.57	273.78	76.00	70.00	70.00
35102.000	1.00	55.00	71.49	85.00	4745.07	4900.00	5177.00	5388.36	643.29	76.00	70.00	70.00
35102.000	1.00	55.00	74.47	85.00	4677.71	4900.00	5177.00	5544.24	846.52	76.00	70.00	70.00
35102.000	1.00	55.00	80.35	85.00	4628.73	4900.00	5177.00	5590.00	961.22	76.00	70.00	70.00

SECNO	XLCH	ELMIN	CWSEL	ELLC	SSA	STCHL	STCMR	ENDST	TOPWID	TELMX	XLBEL	RBEL
35132.000	30.00	55.00	67.09	85.00	4936.46	4900.00	5177.00	5147.83	211.38	76.00	70.00	70.00
35132.000	30.00	55.00	68.60	85.00	4917.49	4900.00	5177.00	5163.01	245.51	76.00	70.00	70.00
35132.000	30.00	55.00	70.28	85.00	4789.56	4900.00	5177.00	5298.16	508.59	76.00	70.00	70.00
35132.000	30.00	55.00	74.61	85.00	4676.61	4900.00	5177.00	5548.20	871.59	76.00	70.00	70.00
35132.000	30.00	55.00	74.85	85.00	4674.57	4900.00	5177.00	5555.55	180.98	76.00	70.00	70.00
35132.000	30.00	55.00	80.38	85.00	4628.57	4900.00	5177.00	5590.00	961.43	76.00	70.00	70.00
35133.000	1.00	55.00	67.46	.00	4931.71	4900.00	5177.00	5151.54	219.93	76.00	70.00	70.00
35133.000	1.00	55.00	69.50	.00	4906.15	4900.00	5177.00	5172.08	265.92	76.00	70.00	70.00
35133.000	1.00	55.00	72.45	.00	4710.07	4900.00	5177.00	5459.31	749.24	76.00	70.00	70.00
35133.000	1.00	55.00	74.94	.00	4673.86	4900.00	5177.00	5558.12	884.26	76.00	70.00	70.00
35133.000	1.00	55.00	75.28	.00	4671.02	4900.00	5177.00	5568.32	897.30	76.00	70.00	70.00
35133.000	1.00	55.00	80.45	.00	4627.94	4900.00	5177.00	5590.00	962.07	76.00	70.00	70.00
35203.000	70.50	55.19	67.52	.00	4933.43	4900.00	5177.00	5150.25	216.82	76.19	70.19	70.19
35203.000	70.50	55.19	69.55	.00	4908.02	4900.00	5177.00	5170.58	262.56	76.19	70.19	70.19
35203.000	70.50	55.19	72.48	.00	4716.21	4900.00	5177.00	5446.87	730.66	76.19	70.19	70.19
35203.000	70.50	55.19	74.95	.00	4675.30	4900.00	5177.00	5552.91	877.61	76.19	70.19	70.19
35203.000	70.50	55.19	75.30	.00	4672.43	4900.00	5177.00	5563.24	890.81	76.19	70.19	70.19
35203.000	70.50	55.19	80.46	.00	4629.41	4900.00	5177.00	5590.00	960.59	76.19	70.19	70.19
35329.000	126.00	56.00	67.63	.00	5093.14	5660.00	5730.00	5729.83	636.69	75.00	65.60	68.00
35329.000	126.00	56.00	69.69	.00	5051.04	5660.00	5730.00	5770.06	719.02	75.00	65.60	68.00
35329.000	126.00	56.00	72.59	.00	5018.12	5660.00	5730.00	5839.09	820.97	75.00	65.60	68.00
35329.000	126.00	56.00	75.04	.00	5014.81	5660.00	5730.00	6180.00	893.84	75.00	65.60	68.00
35329.000	126.00	56.00	75.42	.00	5014.29	5660.00	5730.00	6180.00	1002.48	75.00	65.60	68.00
35329.000	126.00	56.00	80.55	.00	5007.36	5660.00	5730.00	6180.00	1172.64	75.00	65.60	68.00
35479.000	150.00	55.80	67.70	.00	5158.08	5415.00	5579.00	5825.97	667.88	80.00	65.00	65.44
35479.000	150.00	55.80	69.73	.00	5069.33	5415.00	5579.00	6043.43	974.10	80.00	65.00	65.44
35479.000	150.00	55.80	72.63	.00	5041.57	5415.00	5579.00	6081.48	1039.90	80.00	65.00	65.44
35479.000	150.00	55.80	75.07	.00	5024.62	5415.00	5579.00	6272.87	1248.24	80.00	65.00	65.44
35479.000	150.00	55.80	75.46	.00	5022.66	5415.00	5579.00	6339.67	1317.01	80.00	65.00	65.44
35479.000	150.00	55.80	80.58	.00	5000.00	5415.00	5579.00	6769.99	1769.99	80.00	65.00	65.44
35817.000	338.00	56.67	67.82	.00	4963.30	4988.00	5063.00	5062.12	98.82	79.67	65.87	68.97
35817.000	338.00	56.67	69.77	.00	4937.27	4988.00	5063.00	5072.72	135.45	79.67	65.87	68.97
35817.000	338.00	56.67	72.57	.00	4858.87	4988.00	5063.00	5135.13	276.26	79.67	65.87	68.97
35817.000	338.00	56.67	75.00	.00	4784.39	4988.00	5063.00	5359.77	575.38	79.67	65.87	68.97
35817.000	338.00	56.67	75.36	.00	4767.01	4988.00	5063.00	5392.08	625.06	79.67	65.87	68.97
35817.000	338.00	56.67	80.55	.00	4560.00	4988.00	5063.00	5639.99	1079.99	79.67	65.87	68.97
36016.000	199.00	57.00	68.08	.00	4964.22	4988.00	5063.00	5062.06	97.84	80.00	66.20	69.30
36016.000	199.00	57.00	70.04	.00	4938.90	4988.00	5063.00	5072.01	133.11	80.00	66.20	69.30
36016.000	199.00	57.00	72.79	.00	4851.84	4988.00	5063.00	5126.28	264.44	80.00	66.20	69.30
36016.000	199.00	57.00	75.17	.00	4792.02	4988.00	5063.00	5345.61	553.61	80.00	66.20	69.30
36016.000	199.00	57.00	75.60	.00	4771.37	4988.00	5063.00	5383.98	612.62	80.00	66.20	69.30
36016.000	199.00	57.00	80.65	.00	4560.00	4988.00	5063.00	5639.99	1079.99	80.00	66.20	69.30

SECTO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
* 36017.000	1.00	57.00	69.57	95.00	4945.38	4988.00	5063.00	5066.34	120.96	80.00	66.20	69.30
* 36017.000	1.00	57.00	70.50	95.00	4926.11	4988.00	5063.00	5077.58	151.47	80.00	66.20	69.30
36017.000	1.00	57.00	72.31	95.00	4875.21	4988.00	5063.00	5099.73	224.53	80.00	66.20	69.30
36017.000	1.00	57.00	75.15	95.00	4792.25	4988.00	5063.00	5345.15	552.90	80.00	66.20	69.30
36017.000	1.00	57.00	75.65	95.00	4763.92	4988.00	5063.00	5388.53	619.61	80.00	66.20	69.30
36017.000	1.00	57.00	80.78	95.00	4560.00	4988.00	5063.00	5639.99	1079.99	80.00	66.20	69.30
36031.000	14.00	57.00	70.80	95.00	4917.43	4988.00	5063.00	5081.35	163.92	80.00	66.20	69.30
36031.000	14.00	57.00	71.73	95.00	4891.49	4988.00	5063.00	5092.65	201.15	80.00	66.20	69.30
36031.000	14.00	57.00	72.91	95.00	4858.58	4988.00	5063.00	5135.98	277.39	80.00	66.20	69.30
36031.000	14.00	57.00	75.27	95.00	4787.21	4988.00	5063.00	5354.52	567.31	80.00	66.20	69.30
36031.000	14.00	57.00	75.78	95.00	4762.42	4988.00	5063.00	5400.63	638.21	80.00	66.20	69.30
36031.000	14.00	57.00	80.80	95.00	4560.00	4988.00	5063.00	5639.99	1079.99	80.00	66.20	69.30
36032.000	1.00	57.00	71.29	.00	4903.89	4988.00	5063.00	5037.25	183.37	80.00	66.20	69.30
36032.000	1.00	57.00	72.27	.00	4876.29	4988.00	5063.00	5099.26	222.98	80.00	66.20	69.30
36032.000	1.00	57.00	73.40	.00	4844.66	4988.00	5063.00	5188.34	343.69	80.00	66.20	69.30
36032.000	1.00	57.00	75.28	.00	4786.93	4988.00	5063.00	5355.04	568.12	80.00	66.20	69.30
36032.000	1.00	57.00	75.75	.00	4764.12	4988.00	5063.00	5397.45	633.33	80.00	66.20	69.30
36032.000	1.00	57.00	80.72	.00	4560.00	4988.00	5063.00	5639.99	1079.99	80.00	66.20	69.30
36081.000	49.00	57.19	71.31	.00	4908.79	4988.00	5063.00	5085.12	175.33	80.19	66.39	69.49
36081.000	49.00	57.19	72.30	.00	4880.99	4988.00	5063.00	5097.22	216.23	80.19	66.39	69.49
36081.000	49.00	57.19	73.44	.00	4849.10	4988.00	5063.00	5169.67	320.57	80.19	66.39	69.49
36081.000	49.00	57.19	75.31	.00	4794.15	4988.00	5063.00	5341.61	547.46	80.19	66.39	69.49
36081.000	49.00	57.19	75.79	.00	4771.16	4988.00	5063.00	5384.37	613.22	80.19	66.39	69.49
36081.000	49.00	57.19	80.74	.00	4560.00	4988.00	5063.00	5639.99	1079.99	80.19	66.39	69.49
36262.000	181.00	56.90	71.45	.00	5748.97	6035.00	6112.00	6110.43	361.46	78.00	68.20	72.70
36262.000	181.00	56.90	72.54	.00	5740.05	6035.00	6112.00	6111.80	371.75	78.00	68.20	72.70
36262.000	181.00	56.90	73.83	.00	5729.55	6035.00	6112.00	6114.94	385.38	78.00	68.20	72.70
36262.000	181.00	56.90	75.69	.00	5700.54	6035.00	6112.00	6119.79	419.24	78.00	68.20	72.70
36262.000	181.00	56.90	76.29	.00	5683.82	6035.00	6112.00	6121.34	437.52	78.00	68.20	72.70
36262.000	181.00	56.90	80.86	.00	5528.19	6035.00	6112.00	6820.00	1291.81	78.00	68.20	72.70
36387.000	125.00	57.14	71.48	.00	4508.02	5000.00	5073.00	5366.16	582.99	85.00	67.44	80.44
36387.000	125.00	57.14	72.60	.00	4504.68	5000.00	5073.00	5373.00	610.54	85.00	67.44	80.44
36387.000	125.00	57.14	73.93	.00	4500.72	5000.00	5073.00	5381.12	643.20	85.00	67.44	80.44
36387.000	125.00	57.14	75.82	.00	4493.39	5000.00	5073.00	5392.77	691.77	85.00	67.44	80.44
36387.000	125.00	57.14	76.47	.00	4490.15	5000.00	5073.00	5396.75	709.09	85.00	67.44	80.44
36387.000	125.00	57.14	81.05	.00	4468.30	5000.00	5073.00	5526.99	933.68	85.00	67.44	80.44
36388.000	1.00	57.14	71.49	.00	4508.05	5000.00	5073.00	5366.12	582.81	85.00	67.44	80.44
36388.000	1.00	57.14	72.61	.00	4504.69	5000.00	5073.00	5372.99	610.49	85.00	67.44	80.44
36388.000	1.00	57.14	73.94	.00	4500.71	5000.00	5073.00	5381.15	643.34	85.00	67.44	80.44
36388.000	1.00	57.14	75.83	.00	4493.38	5000.00	5073.00	5392.77	691.78	85.00	67.44	80.44
36388.000	1.00	57.14	76.48	.00	4490.14	5000.00	5073.00	5396.75	709.10	85.00	67.44	80.44
36388.000	1.00	57.14	81.06	.00	4468.30	5000.00	5073.00	5526.99	933.68	85.00	67.44	80.44

SECNO	XLCH	ELMIN	CMSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELHX	XLBEL	RBEL
36649.000	250.00	57.77	71.57	.00	4494.57	5000.00	5068.00	5332.11	578.90	85.00	67.53	80.44
36649.000	250.00	57.77	72.71	.00	4363.90	5000.00	5068.00	5335.88	728.69	85.00	67.53	80.44
36649.000	250.00	57.77	74.06	.00	4209.53	5000.00	5068.00	5340.33	905.63	85.00	67.53	80.44
36649.000	250.00	57.77	75.95	.00	4078.52	5000.00	5068.00	5346.51	1068.03	85.00	67.53	80.44
36649.000	250.00	57.77	76.63	.00	4061.21	5000.00	5068.00	5348.79	1096.90	85.00	67.53	80.44
36649.000	250.00	57.77	81.18	.00	3940.54	5000.00	5068.00	5466.99	1401.45	85.00	67.53	80.44
36934.000	250.00	58.49	71.66	.00	4429.30	5000.00	5065.00	5058.45	629.15	85.00	67.53	72.80
36934.000	250.00	58.49	72.83	.00	4279.05	5000.00	5065.00	5065.07	766.02	85.00	67.53	72.80
36934.000	250.00	58.49	74.20	.00	4146.15	5000.00	5065.00	5069.76	923.62	85.00	67.53	72.80
36934.000	250.00	58.49	76.06	.00	4030.54	5000.00	5065.00	5196.09	1165.55	85.00	67.53	72.80
36934.000	250.00	58.49	76.76	.00	4012.85	5000.00	5065.00	5300.51	1287.66	85.00	67.53	72.80
36934.000	250.00	58.49	81.25	.00	3892.95	5000.00	5065.00	5437.49	1544.54	85.00	67.53	72.80
36935.000	1.00	58.49	71.65	.00	4428.20	5000.00	5065.00	5063.59	635.39	85.00	67.53	72.80
36935.000	1.00	58.49	72.82	.00	4298.11	5000.00	5065.00	5065.09	766.98	85.00	67.53	72.80
36935.000	1.00	58.49	76.20	.00	4145.58	5000.00	5065.00	5069.79	924.40	85.00	67.53	72.80
36935.000	1.00	58.49	76.05	.00	4030.50	5000.00	5065.00	5196.35	1165.85	85.00	67.53	72.80
36935.000	1.00	58.49	76.76	.00	4012.93	5000.00	5065.00	5300.04	1287.12	85.00	67.53	72.80
36935.000	1.00	58.49	81.25	.00	3893.14	5000.00	5065.00	5437.49	1544.36	85.00	67.53	72.80

THIS RUN EXECUTED 02-08-86 22:21:00

 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 CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK DATE: 02/08/86 100-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	0.	4.	0.	0.	.000000	.00	.0	0.	77.050	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	.000	.000	.000	.000	.000	.000	.000	.000
J6	IHLEQ	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	7.630	3730.000	7400.000	9230.000	15060.000	9230.000	5510.000	9230.000	.000	.000
NC	.100	.100	.050	.100	.300	.030	.000	.000	.000	.000
NH	5.000	.150	4790.000	.110	920.000	.048	5065.000	.085	5335.000	100.000
NH	5437.500	.000	.000	.000	.000	.030	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4615.000	5065.000

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATIONS.

QT VALUES REPRESENT THE FOLLOWING EVENTS.

10-YR. 50-YR. 100-YR. 500-YR. 100-FLOODWAY 77FLOOD
 2 3 4 5 6 7

LOWER CREEK. PART 2.

FIRST X-SECTION FOR PIPE D/S OF VIRGINIA

X1	36925.000	19.000	5000.000	5065.000	1.000	1.000	1.000	.000	.000	.000
GR	85.000	3777.000	80.000	3932.000	75.000	4057.000	70.000	4612.000	65.000	4622.000
GR	65.000	4642.000	66.000	4790.000	66.000	4872.000	67.530	5000.000	59.160	5010.000
GR	58.490	5030.000	59.160	5045.000	60.660	5050.000	72.800	5065.000	75.000	5072.500
GR	76.000	5187.500	77.000	5335.000	77.000	5437.490	95.000	5437.500	.000	.000

GR	59.000	5075.000	59.800	5078.760	59.800	5079.500	59.800	5079.510
GR	59.800	5080.500	59.800	5081.259	59.800	5081.260	60.300	5085.000
GR	61.800	5090.000	65.600	5100.000	70.000	5105.000	69.900	5110.000
GR	72.100	5115.000	73.200	5120.010	73.200	5150.000	80.000	5365.000
NH	4.000	.150	4800.000	.110	5000.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	9.110	4604.000	5154.000

BRIDGE # H: VIRGINIA AVE.
 PAVEMENT ELEV = 73.33 WEIR ELEV = 74.17

X1	37229.000	.000	.000	1.000	1.000	.000	.000	.000
BT	-51.000	3950.000	80.000	75.000	4000.000	4800.000	74.170	68.000
BT	.000	4850.000	74.620	75.160	4900.000	4950.000	75.630	70.000
BT	.000	4999.990	76.180	78.900	5000.000	5001.000	78.880	73.310
BT	.000	5002.500	78.830	73.730	5006.000	5010.000	75.180	73.180
BT	.000	5015.000	78.750	78.750	5020.000	5025.000	70.750	73.180
BT	.000	5030.000	78.750	78.750	5035.000	5038.750	78.800	73.230
BT	.000	5038.760	78.800	71.730	5039.500	5039.510	78.800	66.700
BT	.000	5040.500	78.800	71.800	5040.510	5041.250	78.800	70.730
BT	.000	5041.260	78.800	73.230	5045.000	5050.000	78.750	73.180
BT	.000	5055.000	78.770	73.200	5060.000	5065.000	78.780	73.210
BT	.000	5070.000	78.780	73.210	5075.000	5078.750	78.790	73.220
BT	.000	5078.760	78.790	70.720	5079.500	5079.510	78.790	59.800
BT	.000	5080.500	78.790	70.720	5080.510	5081.250	78.790	70.720
BT	.000	5081.260	78.790	78.810	5085.000	5090.000	78.780	73.210
BT	.000	5095.000	78.740	73.170	5100.000	5105.000	78.730	73.190
BT	.000	5110.000	78.740	73.140	5115.000	5120.000	78.930	73.200
BT	.000	5120.010	76.210	77.450	5150.000	5365.000	80.000	80.000

NH	4.000	.150	4800.000	.110	5000.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	9.110	4604.000	5160.000
X1	37271.000	.000	.000	41.500	41.500	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	.000	.000
NH	4.000	.150	4800.000	.110	5000.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	9.100	4604.000	5160.000
X1	37272.000	.000	.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	74.170	76.210	.000
NH	4.000	.150	4800.000	.110	5000.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	9.100	4604.000	5160.000

LAST X-SECTION FOR VIRGINIA AVE.

X1	37391.000	.000	.000	119.000	119.000	.000	.320	.000
NC	.100	.100	.050	.000	.000	.000	.000	.000
NH	6.000	.150	5380.000	.110	5552.500	.085	5705.000	100.000
PH	5830.000	100.000	5830.010	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000

9.1
5340.
5640.

X-SECTION LCL
& FIRST X-SECTION FOR # 1, R.R.

X1	37740.000	27.000	5552.500	5621.500	446.750	334.250	349.000	.000	5115.000	.000	67.000	5380.000
GR	85.000	5000.000	80.000	5030.000	75.000	5095.000	70.000	.000	5572.500	.000	61.870	5577.500
GR	67.970	5552.500	67.470	5557.500	63.470	5564.500	60.670	.000	5592.500	.000	59.570	5597.500
GR	61.870	5582.500	61.470	5587.500	60.070	5613.500	64.670	.000	5617.500	.000	68.670	5621.500
GR	57.870	5602.500	58.170	5607.500	70.000	5690.000	75.000	.000	5705.000	.000	78.000	5740.000
GR	78.000	5830.000	98.000	5830.010	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000	.000
NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	7.111	.000	5270.000	.000
ET	.000	.000	5270.000	.000	.000	.000	.000	.000	-10.410	.000	.000	.000
X1	38285.000	80.000	5060.000	5481.500	490.500	545.500	545.000	.000	68.900	.000	59.100	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	-84.760	.000	-83.060	.000
GR	82.260	5000.000	81.300	5005.000	80.700	5010.000	74.500	.000	5023.500	.000	74.500	5023.510
GR	74.500	5026.500	74.500	5026.510	71.300	5035.000	70.500	.000	5045.000	.000	70.400	5055.000
GR	71.800	5072.500	71.800	5072.510	71.800	5077.500	70.500	.000	5077.510	.000	71.300	5085.000
GP	71.100	5095.000	70.900	5105.000	70.600	5115.000	70.500	.000	5123.500	.000	70.500	5123.510
GR	70.500	5127.500	70.500	5127.510	70.500	5135.000	70.500	.000	5145.000	.000	69.900	5155.000
GR	69.300	5170.000	69.000	5173.500	69.000	5173.510	69.000	.000	5176.500	.000	69.000	5176.510
GR	68.900	5180.000	66.500	5195.000	65.600	5199.500	65.600	.000	5199.510	.000	65.600	5200.500
GR	65.600	5200.510	64.800	5205.000	63.500	5212.500	63.500	.000	5212.510	.000	63.500	5215.500
GR	63.500	5215.510	62.700	5220.000	61.903	5225.000	61.500	.000	5230.000	.000	62.000	5240.000
GR	62.700	5245.000	63.300	5250.000	65.400	5255.000	68.460	.000	5260.000	.000	69.160	5265.000
GR	69.360	5270.000	69.160	5277.500	69.160	5277.510	69.160	.000	5280.500	.000	69.160	5280.510
GR	69.360	5320.000	69.160	5300.000	69.460	5310.000	69.460	.000	5315.500	.000	69.460	5315.510
GR	69.460	5318.500	69.460	5318.510	69.860	5325.000	69.860	.000	5329.500	.000	69.860	5329.510
GR	69.860	5330.500	69.860	5330.510	69.860	5335.000	70.060	.000	5340.000	.000	70.060	5350.000
GR	70.760	5353.500	70.760	5353.510	70.760	5356.500	70.760	.000	5356.510	.000	71.560	5365.000
GR	73.460	5370.000	74.260	5375.000	81.200	5381.500	83.060	.000	5481.500	.000	83.060	5581.500
NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	.000	.000	.000	.000

BRIDGE # 1, R.R.

PRESSURE ELEV = 82.26 WEIR ELEV = 84.04

X1	38286.000	.000	.000	.000	1.000	1.000	1.000	.000	5010.000	.000	84.750	82.250
BT	-80.000	5000.000	84.760	82.260	5005.000	84.760	82.260	.000	5026.500	.000	84.660	74.500
BT	.000	5023.500	84.660	82.160	5023.510	84.660	74.500	.000	5045.000	.000	84.570	82.070
BT	.000	5026.510	84.660	82.160	5035.000	84.610	82.110	.000	5072.510	.000	84.450	71.800
BT	.000	5055.000	84.530	82.030	5072.500	84.450	81.950	.000	5085.000	.000	84.390	81.890
BT	.000	5077.500	84.450	71.800	5077.510	84.450	81.950	.000	5115.000	.000	84.310	81.810
BT	.000	5095.000	84.360	81.860	5105.000	84.350	81.850	.000	5127.500	.000	84.290	81.740
BT	.000	5123.500	84.290	81.790	5123.510	84.290	81.750	.000	5145.000	.000	84.240	81.630
BT	.000	5127.510	84.290	81.790	5135.000	84.250	81.660	.000	5173.500	.000	84.130	81.630
BT	.000	5155.000	84.200	81.700	5170.000	84.160	81.630	.000	5176.510	.000	84.100	81.600
BT	.000	5173.510	84.130	81.630	5176.500	84.130	81.570	.000	5200.500	.000	84.100	81.600
BT	.000	5180.000	84.100	81.600	5195.000	84.070	81.570	.000	5212.510	.000	84.040	81.530
BT	.000	5199.510	84.100	81.600	5200.500	84.100	81.530	.000	5220.000	.000	84.040	81.500
BT	.000	5205.000	84.040	81.540	5212.500	84.040	81.510	.000	5220.000	.000	83.590	81.500
BT	.000	5215.500	87.590	63.500	5215.510	87.590	81.510	.000		.000		

BT	.000	5225.000	87.630	81.490	5230.000	87.670	81.470	5240.000	87.670	81.430
BT	.000	5245.000	87.670	81.410	5250.000	87.600	81.390	5255.000	87.600	81.380
BT	.000	5260.000	87.600	81.360	5265.000	87.510	81.340	5270.000	87.440	81.320
BT	.000	5277.500	87.390	81.320	5277.510	87.390	69.160	5280.500	83.820	69.160
BT	.000	5280.510	83.820	81.310	5290.000	83.820	81.310	5300.000	83.830	81.330
BT	.000	5310.000	83.840	81.340	5315.500	83.830	81.330	5315.510	83.830	69.460
BT	.000	5318.500	83.830	69.460	5318.510	83.830	81.330	5325.000	83.830	81.330
BT	.000	5329.500	83.820	81.320	5329.510	83.820	69.860	5330.500	83.820	69.860
BT	.000	5330.510	83.820	81.320	5335.000	83.830	81.330	5340.000	83.820	81.320
BT	.000	5350.000	83.800	81.300	5353.500	83.800	81.300	5353.510	83.800	70.760
BT	.000	5356.500	83.800	70.760	5356.510	83.800	81.300	5365.000	83.760	81.260
BT	.000	5370.000	83.730	81.230	5375.000	83.700	81.200	5381.500	83.700	81.200
BT	.000	5481.500	83.060	83.060	5581.500	83.060	83.060	.000	.000	.000

ET								9.11	5070.	5330.
NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	.000	.000
X1	38303.000	.000	.000	.000	17.000	17.000	17.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

ET										
NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	.000	.000
X1	38304.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	84.760	83.060	.000
								68.90	59.36	
NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	.000	.000

LAST X-SECTION FOR # I, R.R.

ET								9.1	5070.	5330.
X1	38503.000	.000	.000	.000	199.000	199.000	199.000	.000	.320	.000
NC	.100	.100	.050	.150	.300	.000	.000	.000	.000	.000
NH	6.000	100.000	4850.000	.150	5000.000	.048	5041.510	.140	5283.000	100.000
NH	5455.000	100.000	5455.010	.000	.000	.000	.000	.000	.000	.000

FIRST BRIDGE X-SECTION FOR # J HARRISBURG

ET								9.1	4950.	5190.
X1	39628.000	26.000	5000.000	5041.510	1177.000	1064.500	1125.000	.000	-.270	.000
GR	90.000	4610.000	85.000	4700.000	80.910	4800.000	79.780	4850.000	79.140	4900.000
GR	78.780	4950.000	69.790	4999.990	69.780	5000.000	69.780	5001.000	69.780	5001.010
GR	67.790	5005.000	65.890	5010.000	64.690	5015.000	64.690	5020.000	64.590	5025.000
GR	63.790	5030.000	63.890	5035.000	63.890	5040.000	69.890	5041.500	69.890	5041.510
GR	69.890	5133.000	76.710	5183.000	77.120	5233.000	77.620	5283.000	77.620	5455.000
GR	95.000	5455.010	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	6.000	100.000	4850.000	.150	5000.000	.048	5041.510	.140	5283.000	100.000
NH	5455.000	100.000	5455.010	.000	.000	.000	.000	.000	.000	.000
X1	39789.000	.000	.000	.000	161.000	161.000	161.000	.000	.270	.000
X3	10.000	.000	.000	.000	.000	.000	.000	78.640	76.710	.000
NH	6.000	100.000	4850.000	.150	5000.000	.048	5041.510	.140	5283.000	100.000
NH	5455.000	100.000	5455.010	.000	.000	.000	.000	.000	.000	.000
SB	1.250	1.560	2.600	.000	29.880	.000	424.000	.489	63.790	63.790

ET								9.1	4950.	5190.
			3.1							

5190.
5170.
5130.
5190.
5190.
5170.
5130.
5190.
5170.
5130.

02-08-86 22:21:00

NH	5.000	100.000	4750.000	.120	4999.990	.045	5070.010	.170	5160.000	100.000
NH	5625.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
BRIDGE # X D/S MALL PARKING ENTRANCE PRESSURE ELEV = 81.8 WEIR ELEV = 80.										
ET	X1	41989.000	58.000	4999.990	5070.010	1.000	1.000	.000	.000	.000
	X4	1.000	82.680	4750.000	.000	.000	.000	.000	.000	.000
	BT	-56.000	4549.990	100.000	100.000	4550.000	85.000	4800.000	82.110	82.110
	BT	.000	4850.000	82.660	82.660	4900.000	83.680	4950.000	82.870	82.870
	BT	.000	4999.990	83.440	83.440	5000.000	85.960	5000.010	81.800	81.800
	BT	.000	5002.500	85.970	81.800	5005.000	85.970	5010.000	85.980	81.790
	BT	.000	5015.000	85.990	81.790	5020.000	85.990	5025.000	85.950	81.780
	BT	.000	5030.000	85.940	81.770	5033.750	85.940	5033.760	85.940	80.070
	BT	.000	5034.000	85.940	80.070	5034.010	85.940	5034.500	85.940	80.070
	BT	.000	5034.510	85.940	69.680	5035.500	85.940	5035.510	85.940	80.070
	BT	.000	5036.000	85.940	80.070	5036.010	85.940	5036.250	85.940	80.070
	BT	.000	5036.260	85.940	81.770	5040.000	85.940	5045.000	85.950	81.760
	BT	.000	5050.000	85.980	81.760	5055.000	85.990	5060.000	85.970	81.760
	BT	.000	5065.000	85.930	81.750	5069.250	85.920	5069.260	85.920	80.050
	BT	.000	5070.000	85.920	80.050	5070.010	85.920	5071.000	85.910	74.980
	BT	.000	5071.010	85.910	80.050	5071.750	85.910	5071.760	85.910	81.750
	BT	.000	5075.000	85.900	81.730	5080.000	85.910	5085.000	85.890	81.700
	BT	.000	5088.500	85.820	81.690	5090.000	85.820	5090.010	85.820	84.180
	BT	.000	5160.000	83.550	83.590	5189.000	84.120	5214.000	83.070	83.070
	BT	.000	5470.000	80.000	80.000	5490.000	85.000	5525.000	90.000	90.000
	BT	.000	5570.000	95.000	95.000	5625.000	100.000	4850.000	83.680	4900.000
	GR	100.000	4549.990	85.000	4550.000	82.110	4800.000	5000.010	80.410	5002.500
	GR	82.870	4950.000	83.440	4999.990	83.430	5000.000	5020.000	69.780	5025.000
	GR	80.080	5005.000	77.680	5010.000	74.780	5015.000	5033.760	67.680	5034.000
	GR	68.580	5027.000	66.680	5030.000	67.680	5033.750	5035.510	69.680	5035.510
	GR	69.680	5034.010	69.680	5034.500	69.680	5034.510	5036.260	66.680	5040.000
	GR	69.680	5036.000	67.680	5036.010	67.680	5036.250	5058.000	71.280	5060.000
	GR	66.670	5045.000	67.480	5050.000	68.180	5055.000	5070.010	74.980	5070.010
	GR	74.980	5065.000	74.850	5069.250	74.850	5069.260	5071.760	75.680	5075.000
	GR	74.980	5071.000	74.980	5071.010	75.090	5071.750	5090.000	84.180	5090.010
	GR	76.780	5080.000	79.580	5085.000	79.780	5088.500	5470.000	85.000	5490.000
	GR	83.590	5160.000	84.120	5189.000	83.070	5214.000	90.000	90.000	90.000
	GR	90.000	5525.000	95.000	5625.000	100.000	5625.000	4900.000	4900.000	4900.000
	ET	NH	5.000	100.000	4750.000	.120	4999.990	.045	5070.010	100.000
	NH	5625.000	.000	.000	.000	.000	.000	.000	.000	.000
	NH	42021.000	.000	.000	.000	31.800	31.800	.000	.000	.000
	X2	.000	.000	.000	.000	.000	1.000	.000	.000	.000
	NH	5.000	100.000	4750.000	.120	4999.990	.045	5070.010	100.000	100.000
	NH	5625.000	.000	.000	.000	.000	.000	.000	.000	.000
	X1	42022.000	52.000	5000.000	5071.760	1.000	1.000	.000	.000	.000
	X4	1.000	82.680	4750.000	.000	.000	.000	.000	.000	.000
	GR	100.000	4549.990	85.000	4550.000	82.110	4800.000	4850.000	83.680	4900.000
	GR	82.870	4950.000	83.440	4999.990	83.430	5000.000	5000.010	80.410	5002.500
	GR	20.080	5005.000	77.680	5010.000	74.780	5015.000	5033.760	67.680	5034.000
	GR	68.580	5027.000	66.680	5030.000	67.680	5033.750	5035.510	69.680	5035.510
	GR	69.680	5034.010	69.680	5034.500	69.680	5034.510	5036.260	66.680	5040.000
	GR	69.680	5036.000	67.680	5036.010	67.680	5036.250	5058.000	71.280	5060.000
	GR	66.670	5045.000	67.480	5050.000	68.180	5055.000	5070.010	74.980	5070.010
	GR	74.980	5065.000	74.850	5069.250	74.850	5069.260	5071.760	75.680	5075.000
	GR	76.780	5080.000	79.580	5085.000	79.780	5088.500	5470.000	85.000	5490.000
	GR	83.590	5160.000	84.120	5189.000	83.070	5214.000	90.000	90.000	90.000
	GR	90.000	5525.000	95.000	5625.000	100.000	5625.000	4900.000	4900.000	4900.000

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GR	67.680	5036.010	67.480	5036.260	66.880	5040.000	66.670	5045.000
GR	67.480	5050.000	70.480	5058.000	71.280	5060.000	74.080	5065.000
CR	74.850	5069.250	74.850	5069.260	74.980	5070.010	74.980	5071.000
GR	74.980	5071.010	75.090	5071.750	75.580	5075.000	76.780	5080.000
GR	79.580	5085.000	79.780	5085.500	84.180	5090.010	83.590	5160.000
GR	84.120	5189.000	83.070	5214.000	85.000	5490.000	90.000	5525.000
GR	95.000	5570.000	100.000	5625.000	.000	.000	.000	.000
NH	5.000	100.000	4750.000	.120	4999.990	.170	5160.000	100.000
NH	5625.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR K D/S MALL PARKING

X1	42090.000	.000	.000	.000	68.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	82.110	.030	.000
NC	.100	.100	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	.120	4999.000	.170	5128.000	100.000
NH	5380.000	.000	.000	.000	.000	.000	.000	.000

FIRST BRIDGE X-SECTION FOR # L MIDDLE MALL PARKING

X1	42387.000	51.000	4999.000	5090.000	282.600	302.600	297.000	.000
GR	100.000	4680.000	88.000	4680.010	83.450	4800.000	83.110	4900.000
GR	84.050	4950.000	84.090	4999.000	84.100	5000.000	81.150	5002.500
GR	80.600	5005.000	78.400	5010.000	76.300	5015.000	72.500	5025.000
GR	72.400	5030.000	70.240	5033.750	70.100	5034.000	69.800	5036.010
GR	69.650	5036.250	69.650	5036.260	69.200	5037.000	67.700	5045.000
GR	72.550	5050.000	68.200	5055.000	67.800	5060.000	70.800	5065.000
GR	72.910	5068.750	73.320	5068.760	72.900	5069.510	72.900	5070.500
GR	80.800	5070.510	81.200	5071.250	73.320	5071.260	78.300	5080.000
GR	83.300	5085.000	80.800	5088.500	82.200	5090.000	84.030	5091.000
GR	100.000	5103.000	83.150	5128.000	85.000	5220.000	95.000	5355.000
GR	5380.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000
NH	5.000	100.000	4800.000	.120	4999.000	.170	5128.000	100.000
NH	5380.000	.000	.000	.000	.000	.000	.000	.000
X1	42662.000	.000	.000	.000	275.000	275.000	275.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	.120	4999.000	.170	5128.000	100.000
NH	5380.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # L MIDDLE MALL PARKING ENTRANCE
PRESSURE ELEV = 82.45 WEIR ELEV = 83.1

X1	42663.000	57.000	4999.000	5090.000	1.000	1.000	1.000	.000
BT	-57.000	4680.000	100.000	4680.010	88.000	88.000	83.450	83.450
BT	.000	4850.000	83.110	4900.000	83.560	4950.000	84.050	84.050
BT	.000	4999.000	84.090	5000.000	84.100	5000.010	86.500	82.450
BT	.000	5002.500	86.540	5005.000	82.450	5010.000	86.640	82.440
BT	.000	5015.000	86.650	5020.000	86.640	5025.000	86.580	82.430
BT	.000	5030.000	86.540	5033.750	86.520	5033.760	86.520	80.720

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X-SECTION LCM

X1	43800.000	19.000	6112.500	6175.500	702.700	540.200	525.000	9.1	576.	6176.
X4	1.000	82.000	5900.000	.000	.000	.000	.000	.000	.000	.000
GR	5.000	5000.000	90.000	5050.000	85.000	5140.000	84.000	5350.000	81.400	6112.500
GR	80.000	6120.000	74.100	6126.500	71.000	6132.500	70.400	6137.500	70.500	6142.500
GR	70.300	6152.500	69.900	6161.500	71.000	6165.500	76.450	6169.500	80.000	6170.000
GR	81.000	6175.500	85.000	6190.000	90.000	6500.000	95.000	6530.000	.010	.000
NH	4.000	100.000	4850.000	.160	4999.000	.048	5075.000	100.000	5565.000	.000

FIRST BRIDGE X-SECTION FOR PIPE D/S OF MULBERRY

X1	43932.000	23.000	4999.000	5075.000	131.660	131.660	131.660	9.1	4805.	5118.
GR	100.000	4030.000	90.000	4270.000	83.000	4680.000	82.590	4800.000	-1.040	.000
GR	85.660	4900.000	80.000	4950.000	78.500	4999.000	76.170	5006.000	75.500	5000.010
GR	71.400	5020.000	71.900	5030.000	71.400	5040.600	71.900	5046.000	73.440	5074.500
GR	74.110	5074.510	79.000	5075.000	87.230	5118.000	86.470	5140.000	86.100	5330.000
GR	90.000	5410.000	95.000	5490.000	100.000	5565.000	.000	.000	.000	.000
NH	5.000	100.000	4850.000	.160	4999.000	.048	5075.000	100.000	5565.000	.000

BRIDGE # PIPE D/S OF MULBERRY
PRESSURE ELEV = 75.5 WEIR ELEV = 74.11

X1	44229.000	-0.000	100.000	100.000	1.000	1.000	1.000	9.1	4805.	5118.
BT	-23.000	4030.000	100.000	4270.000	83.000	4680.000	82.590	4800.000	83.000	83.000
BT	.000	4800.000	82.590	4850.000	84.230	4900.000	84.230	4900.000	85.660	85.660
BT	.000	4950.000	80.000	4999.000	78.500	5000.000	78.500	5000.000	76.170	76.170
BT	.000	5000.010	76.170	5020.000	75.500	5030.000	74.950	5030.000	75.340	74.670
BT	.000	5040.000	75.070	5046.000	79.000	5074.500	79.000	5074.500	74.110	73.440
BT	.000	5074.510	74.110	5075.000	87.230	5118.000	87.230	5118.000	87.230	87.230
BT	.000	5140.000	86.470	5330.000	86.100	5410.000	86.100	5410.000	90.000	90.000
BT	.000	5490.000	95.000	5565.000	100.000	5565.000	.000	.000	.000	.000
NH	4.000	100.000	4850.000	.160	4999.000	.048	5075.000	100.000	5565.000	.000

LAST BRIDGE X-SECTION FOR PIPE D/S OF MULBERRY

X1	44231.000	.000	100.000	.000	1.000	1.000	1.000	9.1	4805.	5118.
X3	10.000	.000	.000	.000	.000	.000	.000	76.170	.000	74.110

018 5118.5

5. 4:000

NH	100.000	4850.000	.160	5000.000	.048	5074.510	100.000	5565.000	.000
FIRST BRIDGE X-SECTION FOR N MULBERRY ST									
X1	44258.000	55.000	5074.510	27.000	27.000	27.000	27.000	79.000	.000
X3	10.000	.000	4270.000	.000	.000	.000	.000	84.230	.000
GR	100.000	4030.000	4270.000	83.000	4680.000	82.590	4800.000	78.500	4850.000
GR	85.660	4900.000	4950.000	78.500	4999.000	78.500	5000.000	78.500	5000.010
GR	78.300	5002.500	5002.510	78.000	5005.000	75.200	5010.000	71.400	5015.000
GR	71.400	5018.750	5018.760	71.400	5019.000	71.400	5019.500	71.400	5019.510
GR	71.400	5020.500	5021.000	71.400	5021.750	71.400	5021.760	71.900	5025.000
GR	71.900	5030.000	5030.000	71.700	5035.000	71.400	5040.000	71.800	5045.000
GR	72.300	5050.000	5053.750	72.200	5053.760	72.200	5054.000	72.200	5054.500
GR	72.200	5054.510	5055.500	72.200	5055.510	72.200	5056.000	72.200	5056.250
GR	72.200	5056.260	5060.000	77.800	5065.000	78.800	5069.990	78.800	5070.000
GR	79.000	5072.000	5074.500	79.000	5074.510	79.000	5075.500	87.230	5118.500
GR	86.470	5140.000	5330.000	90.000	5410.000	95.000	5490.000	100.000	5565.000
NH	100.000	4850.000	.160	5000.000	.048	5074.510	100.000	5565.000	.000

018 5118.5

9.11

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5118

BRIDGE # N MULBERRY ST
PRESSURE ELEV = 86.06 WEIR ELEV = 82.59

X1	44259.000	54.000	5074.510	1.000	1.000	1.000	1.000	1.000	.000
BT	-51.000	4030.000	100.000	4270.000	90.000	90.000	90.000	83.000	83.000
BT	.000	4800.000	82.590	4850.000	84.230	84.230	84.230	85.660	85.660
BT	.000	4950.000	80.000	4999.000	88.500	88.500	88.500	89.000	89.000
BT	.000	5000.010	91.570	5002.500	91.560	91.560	91.560	91.560	91.560
BT	.000	5005.000	91.550	5010.000	91.550	91.550	91.550	91.550	91.550
BT	.000	5018.750	86.050	5018.760	91.550	91.550	91.550	91.550	91.550
BT	.000	5019.510	86.050	5020.500	91.550	91.550	91.550	91.550	91.550
BT	.000	5021.750	83.550	5021.760	91.550	91.550	91.550	91.550	91.550
BT	.000	5030.000	86.050	5035.000	91.550	91.550	91.550	91.550	91.550
BT	.000	5045.000	86.050	5050.000	91.550	91.550	91.550	91.550	91.550
BT	.000	5053.760	83.550	5054.500	91.540	91.540	91.540	91.540	91.540
BT	.000	5055.500	72.200	5055.510	91.530	91.530	91.530	91.530	91.530
BT	.000	5056.260	86.050	5060.000	91.550	91.550	91.550	91.550	91.550
BT	.000	5069.990	86.050	5070.000	91.550	91.550	91.550	91.550	91.550
BT	.000	5074.500	79.000	5074.510	88.000	88.000	88.000	88.250	88.250
BT	.000	5118.500	87.230	5140.000	86.470	86.470	86.470	86.100	86.100
BT	.000	5410.000	90.000	5490.000	95.000	95.000	95.000	100.000	100.000
GR	100.000	4030.000	4270.000	83.000	4680.000	82.590	4800.000	78.500	4850.000
GR	85.660	4900.000	4950.000	78.500	4999.000	78.500	5000.000	78.500	5000.010
GR	78.300	5002.500	5002.510	78.000	5005.000	76.200	5010.000	71.400	5015.000
GR	71.400	5018.750	5018.760	71.400	5019.000	71.400	5019.500	71.400	5019.510
GR	71.400	5020.500	5020.510	71.400	5021.750	71.400	5045.000	72.300	5050.000
GR	72.200	5030.000	5033.760	72.200	5054.000	72.200	5054.500	72.200	5054.510
GR	72.200	5053.750	5053.760	72.200	5055.510	72.200	5056.250	72.200	5056.260
GR	72.200	5055.500	5060.000	78.800	5069.990	78.800	5070.000	79.000	5072.000
GR	75.600	5060.000	5074.510	79.000	5075.500	87.230	5118.500	86.470	5140.000
GR	79.000	5074.500	5410.000	95.000	5490.000	100.000	5565.000	100.000	5565.000

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 X1 44300.000
 X2 .000
 ET 52,000
 NH 44301.000
 X3 10.000
 GR 100.000
 GR 85.660
 GR 78.300
 GR 71.400
 GR 71.400
 GR 71.900
 GR 72.300
 GR 72.200
 GR 72.200
 GR 79.000
 GR 86.470
 NH 5,000

100.000	4850.000	.160	5000.000	.048	5074.510	100.000	5565.000	.000
.000	.000	.000	40.800	40.800	40.800	.000	.000	.000
.000	.000	.000	.000	.000	1.000	1.000	5565.000	.000
100.000	4850.000	.160	5000.000	.048	5074.510	100.000	5565.000	.000
55.000	5000.000	5074.510	1.000	1.000	1.000	.000	.000	.000
.000	.000	.000	.000	.000	.000	78.500	79.000	.000
4030.000	90.000	4270.000	23.000	4680.000	82.590	4800.000	84.230	4850.000
4900.000	80.000	4950.000	78.500	4999.000	78.500	5000.000	78.500	5000.010
5002.500	78.300	5002.510	78.000	5005.000	75.200	5010.000	71.400	5015.229
5018.750	71.400	5018.760	71.400	5019.000	71.400	5019.500	71.400	5019.510
5020.500	71.400	5021.000	71.400	5021.750	71.400	5021.760	71.900	5025.000
5030.000	71.900	5030.000	71.700	5035.000	71.400	5040.000	71.800	5045.000
5050.000	72.200	5053.750	72.200	5053.760	72.200	5054.000	72.200	5054.500
5054.510	72.200	5055.500	72.200	5055.510	72.200	5056.000	72.200	5056.250
5056.260	73.600	5060.000	77.800	5065.000	78.800	5069.990	78.800	5070.000
5072.000	79.000	5074.500	79.000	5074.510	79.000	5075.500	87.230	5118.500
5140.000	86.100	5330.000	90.000	5410.000	95.000	5490.000	100.000	5565.000
100.000	4850.000	.160	5000.000	.048	5074.510	100.000	5565.000	.000

9.1 4818. 5118.5

LAST BRIDGE X-SECTION FOR N MULBERRY

X1 44356.000	.000	.000	.000	.000	55.000	55.000	.070	.000
.100	.050	.100	.00	.000	.000	.000	.000	.000
3.000	5000.000	.048	5148.320	.200	5486.020	.000	.000	.000

9.1 4818. 5118.5

FIRST BRIDGE X-SECTION FOR N-1 321-A

X1 45040.000	65.000	5148.020	704.100	691.600	684.000	.000	.420	.000
GR 100.000	4332.500	4402.500	90.280	4537.490	90.000	4545.500	85.000	4590.500
GR 83.460	4662.490	4823.500	73.280	4999.990	73.280	5000.000	74.680	5000.010
GR 74.680	5003.500	5003.510	73.180	5005.000	73.080	5010.000	73.380	5015.000
GR 72.880	5020.000	5025.000	78.380	5030.000	78.000	5034.890	77.780	5034.900
GR 78.180	5035.000	5036.500	77.780	5038.100	77.780	5038.110	79.180	5040.000
GR 79.580	5045.000	5050.000	81.680	5053.000	81.280	5060.000	80.980	5065.000
GR 80.080	5070.000	5072.490	78.580	5072.410	78.580	5074.000	78.580	5075.600
GR 78.580	5075.610	5080.000	77.180	5085.000	75.180	5090.000	73.680	5092.000
GR 73.380	5095.000	5100.000	73.280	5105.000	72.680	5110.000	73.680	5111.400
GR 72.910	5111.410	5113.000	73.340	5114.600	73.340	5114.610	73.380	5115.000
GR 73.880	5120.000	5125.000	74.180	5130.000	75.780	5135.000	78.380	5140.000
GR 79.680	5145.000	5148.000	79.780	5148.010	79.780	5148.020	85.000	5293.500
GR 87.730	5378.020	5448.500	95.000	5460.500	100.000	5474.500	100.000	5486.020
NC .000	.000	.300	.500	.000	.000	.000	.000	.000
NH 3.000	.250	.048	5148.020	.200	5486.020	.000	.000	.000

4870. 5170.

5170 ← CHECK

9.11 4870. 10741

BRIDGE # N-1 321-A WEIR ELEV = 89.93

ET 45497.000

X1	45497.000	.000	.000	457.000	457.000	457.000	457.000	.000	420	.000	72.500
X3	10.000	.000	.000	.000	.000	.000	.000	.000	89.930	.000	.000
NH	3.000	.250	5000.000	5148.020	.200	5486.020	5148.020	.048	.000	.000	.000
SB	1.250	1.560	2.600	68.140	9.000	1388.000	68.140	.000	72.500	.000	72.500
X1	45522.000	.000	.000	25.000	25.000	25.000	.000	.000	.000	.000	.000
X2	.000	.000	1.000	72.500	.000	.000	.000	86.510	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	89.930	.000	.000
BT	64.000	4332.500	105.000	4402.500	103.290	95.000	4402.500	100.000	100.000	100.000	90.280
BT	.000	4545.500	99.680	4590.500	97.880	85.000	4590.500	90.000	95.000	95.000	83.460
BT	.000	4823.500	92.610	4999.990	89.990	73.280	4999.990	80.000	89.990	89.990	86.230
BT	.000	5000.010	93.230	5003.500	93.280	86.280	5003.500	86.230	93.300	93.300	86.300
BT	.000	5010.000	93.340	5015.000	93.340	86.340	5015.000	86.340	93.340	93.340	86.340
BT	.000	5025.000	93.400	5030.000	93.430	86.430	5030.000	86.340	93.450	93.450	86.450
BT	.000	5034.900	93.450	5035.000	93.450	86.460	5035.000	77.780	93.450	93.450	77.780
BT	.000	5038.100	93.450	5038.110	93.450	86.460	5038.110	77.780	93.450	93.450	86.460
BT	.000	5045.000	93.460	5050.000	93.480	86.480	5050.000	86.460	93.480	93.480	86.480
BT	.000	5060.000	93.460	5065.000	93.500	86.500	5065.000	86.480	93.500	93.500	86.490
BT	.000	5072.400	93.500	5072.410	93.500	86.510	5072.410	86.500	93.500	93.500	86.510
BT	.000	5075.600	93.500	5075.610	93.500	86.510	5075.610	86.510	93.500	93.500	86.510
BT	.000	5085.000	93.500	5090.000	93.500	86.500	5090.000	86.510	93.500	93.500	86.500
BT	.000	5095.000	93.490	5100.000	93.450	86.480	5100.000	86.500	93.450	93.450	86.490
BT	.000	5110.000	93.460	5111.400	93.460	86.460	5111.400	86.480	93.460	93.460	86.460
BT	.000	5113.000	93.460	5114.600	93.450	86.450	5114.600	86.460	93.450	93.450	86.450
BT	.000	5115.000	93.450	5120.000	93.420	86.400	5120.000	86.450	93.420	93.420	86.400
BT	.000	5130.000	93.360	5135.000	93.340	86.340	5135.000	86.400	93.340	93.340	86.320
BT	.000	5145.000	93.280	5148.000	89.930	86.280	5148.000	86.340	89.930	89.930	86.280
BT	.000	5148.020	89.930	5293.500	93.140	85.000	5293.500	86.280	95.000	95.000	87.730
BT	.000	5448.500	98.260	5460.500	98.820	95.000	5460.500	85.000	100.000	100.000	100.000
BT	.000	5486.020	100.000	.000	.000	.000	.000	95.000	100.000	100.000	.000
NH	4.000	100.000	4823.500	5000.000	.045	5148.020	5000.000	.130	100.000	5486.020	.000

5170.

9.1 4870. 10741

LAST BRIDGE X-SECTION FOR N-1 321-A

ET 45636.000

X1	45636.000	.000	.000	113.600	113.600	113.600	113.600	.000	.270	.000	.000
NC	.100	.100	.050	.300	.000	.000	.000	.100	.000	.000	.000
QT	7.000	2130.000	4070.000	8000.000	5040.000	3080.000	8000.000	5040.000	5040.000	5040.000	100.000
NH	5.000	100.000	5265.000	5508.000	.046	5578.000	5508.000	.130	5685.000	100.000	.000
NH	6125.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X-SECTION LCH											
X1	45770.000	25.000	5508.000	48.900	63.900	134.000	5508.000	5578.000	.000	.000	.000
GR	100.000	5000.000	95.000	90.000	5080.000	85.000	90.000	5030.000	82.000	82.000	5265.000
GR	82.230	5438.000	82.510	83.510	5508.000	80.190	83.510	5488.000	73.910	73.910	5523.000
GR	73.350	5528.000	73.270	73.050	5538.000	73.910	73.050	5533.000	84.000	84.000	5545.000
GR	82.590	5558.000	83.390	82.470	5598.000	83.000	82.470	5578.000	100.000	100.000	5775.000
GR	85.000	5810.000	85.000	90.000	6095.000	95.000	90.000	5850.000	80.000	80.000	6125.000

30.41

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.046	5048.010	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

FIRST BRIDGE X-SECTION FOR O GOLF COURSE

X1	45874.000	31.000	5000.000	5048.010	133.750	123.750	104.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	80.300	82.500	.000
GR	100.000	3797.000	96.000	3907.000	83.000	4532.000	80.300	4800.000	80.700	4850.000
GR	81.600	4900.000	82.000	4950.000	83.420	4999.000	82.000	5000.000	82.600	5000.010
GR	80.500	5005.000	76.400	5010.000	74.300	5014.000	73.800	5015.000	73.800	5020.000
GR	73.200	5025.000	74.000	5029.000	77.700	5030.000	80.700	5035.000	82.400	5040.000
GR	83.500	5045.000	84.100	5048.000	84.100	5048.010	84.900	5050.000	82.500	5090.000
GR	83.200	5150.000	83.400	5200.000	83.300	5250.000	88.000	5432.000	100.000	5562.000
GR	100.000	5672.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.046	5048.010	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # O GOLF COURSE
PRESSURE ELEV = 84.29 WEIR ELEV = 80.63

X1	45875.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-31.000	3797.000	100.000	100.000	3907.000	96.000	96.000	4532.000	83.000	83.000
BT	.000	4800.000	80.300	80.300	4850.000	80.700	80.700	4900.000	81.600	81.600
BT	.000	4950.000	82.000	82.000	4999.000	83.420	83.420	5000.000	83.420	82.600
BT	.000	5000.010	83.420	82.870	5005.000	83.480	82.900	5010.000	83.550	82.930
BT	.000	5014.000	83.660	83.000	5015.000	83.680	83.130	5020.000	83.860	83.310
BT	.000	5025.000	84.000	83.450	5029.000	84.100	83.550	5030.000	84.130	83.580
BT	.000	5035.000	84.360	83.810	5040.000	84.510	83.960	5045.000	84.740	84.190
BT	.000	5048.000	84.840	84.290	5048.010	84.840	84.100	5050.000	84.900	84.900
BT	.000	5090.000	82.500	82.500	5150.000	83.200	83.200	5200.000	83.400	83.400
BT	.000	5250.000	83.300	83.300	5432.000	88.000	88.000	5562.000	100.000	100.000
BT	.000	5672.000	100.000	100.000	.000	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.046	5048.010	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	45885.000	.000	.000	.000	10.500	10.500	10.500	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.046	5048.010	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR O GOLF COURSE

X1	45886.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	80.300	82.500	.000

NH 5.000 100.000 4800.000 .130 5000.000 .046 5040.000 .130 5200.000 100.000
 NH 5672.000 .000 .000 .000 .000 .000 .000 .000 .000 .000

FIRST BRIDGE X-SECTION FOR PIPE U/S OF #0

X1 45919.000 29.000 5000.000 5040.000 33.000 33.000 33.000 77.830 77.690 4850.000
 X3 10.000 .000 .000 .000 .000 .000 .000 .000 .000 .000
 GR 100.000 3797.000 96.000 3902.000 83.900 4532.000 80.300 80.700 80.700 4800.000
 GR 81.600 4900.000 82.600 4950.000 82.600 5000.000 80.500 5005.000 5020.000 5010.000
 GR 77.160 5018.010 74.300 5014.000 73.800 5015.000 73.800 5020.000 5035.000 5029.000
 GR 74.000 5029.000 77.020 5034.100 77.690 5034.110 80.700 5035.000 5040.000 5040.000
 GR 85.500 5045.000 84.900 5050.000 82.500 5090.000 83.200 5150.000 5150.000 5200.000
 GR 83.300 5250.000 80.000 5432.000 100.000 5562.000 100.000 5672.000 5672.000 .000
 NH 5.000 100.000 4800.000 .130 5000.000 .046 5040.000 .130 5200.000 100.000
 NH 5672.000 .000 .000 .000 .000 .000 .000 .000 .000 .000

BRIDGE # PIPE U/S OF #0
 PRESSURE ELEV = 77.16 WEIR ELEV = 77.69

X1 45920.000 3797.000 100.000 100.000 1.000 1.000 1.000 4532.000 83.000 85.000
 BT .26.000 4800.000 80.300 80.300 4850.000 80.700 80.700 4900.000 81.600 81.600
 BT .000 4950.000 82.000 82.000 5000.000 82.600 82.600 5005.000 80.500 80.500
 BT .000 5010.000 77.830 77.830 5010.010 77.830 80.700 5034.100 77.690 77.020
 BT .000 5034.110 77.690 77.690 5035.000 5040.000 80.700 5040.000 5040.000 5040.000
 BT .000 5045.000 83.500 83.500 5050.000 5200.000 84.900 5090.000 82.500 82.500
 BT .000 5150.000 83.200 83.200 5200.000 5250.000 83.400 5250.000 83.300 83.300
 BT .000 5432.000 88.000 88.000 5562.000 100.000 100.000 5672.000 100.000 100.000
 NH 5.000 100.000 4800.000 .130 5000.000 .046 5040.000 .130 5200.000 100.000
 NH 5672.000 .000 .000 .000 .000 .000 .000 .000 .000 .000
 X1 45921.000 .000 .000 .000 .670 .670 .670 .000 .000 .000
 X2 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000

LAST BRIDGE X-SECTION FOR PIPE U/S OF #0

NH 5.000 100.000 4800.000 .130 5000.000 .046 5040.000 .130 5200.000 100.000
 NH 5672.000 .000 .000 .000 .000 .000 .000 .000 .000 .000
 X1 45922.000 .000 .000 .000 1.000 1.000 1.000 77.830 77.690 5040.000
 X3 10.000 .000 .000 .000 .000 .000 .000 .000 .000 .000
 NH 5.000 100.000 4800.000 .130 5000.000 .046 5040.000 .130 5200.000 100.000
 NH 5672.000 .000 .000 .000 .000 .000 .000 .000 .000 .000

X1 45944.000 .000 .000 .000 23.000 23.000 23.000 .000 .040 .000
 HC .100 .100 .050 .100 .300 .000 .000 .000 .000 .000
 NH 5.000 100.000 4755.000 .130 5000.000 .046 5039.010 .130 5211.000 100.000
 X4 6130.000 .000 .000 .000 .000 .000 .000 .000 .000 .000

FIRST BRIDGE X-SECTION FOR #P GOLF

X1	46220.000	42.000	5000.000	5039.010	365.580	300.580	276.000	.000	-.290	.000
GR	95.000	4700.000	85.000	4755.000	82.730	4800.000	84.030	4850.000	86.030	4873.000
GR	87.130	4900.000	87.930	4916.000	85.330	4950.000	83.830	4966.000	83.630	4977.000
GR	84.540	4998.500	84.320	4999.950	84.920	5000.000	82.890	5005.000	82.840	5008.000
GR	74.330	5010.000	74.030	5015.000	74.430	5020.000	74.830	5025.000	75.730	5027.000
GR	75.930	5030.000	75.930	5032.500	78.730	5035.000	80.830	5038.000	80.830	5038.010
GR	80.830	5039.000	80.830	5039.010	81.920	5040.000	82.410	5042.000	83.860	5043.000
GR	84.730	5074.000	84.730	5090.000	84.730	5125.000	83.030	5140.000	83.230	5172.000
GR	82.330	5190.000	80.930	5211.000	82.630	5240.000	87.000	5375.000	86.000	5650.000
GR	95.000	5950.000	100.000	6130.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	100.000	4755.000	.130	5000.000	.046	5039.010	.130	5211.000	100.000
NH	6130.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	46375.000	.000	.000	.000	155.000	155.000	155.000	.000	.290	.000
X3	10.000	.000	.000	.000	.000	.000	.000	82.730	80.930	.000
NH	5.000	100.000	4755.000	.130	5000.000	.046	5039.010	.130	5211.000	100.000
NH	6130.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # P GOLF

PRESSURE ELEV = 82.89 WEIR ELEV = 82.73

X1	46376.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-42.000	4700.000	95.000	95.000	4755.000	85.000	85.000	4800.000	82.730	82.730
BT	.000	4850.000	84.030	84.030	4873.000	86.030	86.030	4900.000	87.130	87.130
BT	.000	4916.000	87.930	87.930	4950.000	85.330	85.330	4966.000	83.830	83.830
BT	.000	4979.000	83.630	83.630	4998.500	84.540	84.540	4999.950	84.320	84.320
BT	.000	5000.000	84.920	84.920	5005.000	85.770	82.890	5008.000	85.730	82.840
BT	.000	5010.000	85.710	82.810	5015.000	85.600	82.740	5020.000	85.520	82.670
BT	.000	5025.000	85.440	82.610	5027.000	85.400	82.580	5030.000	85.330	82.540
BT	.000	5032.500	85.330	82.500	5035.000	85.330	82.470	5038.000	84.930	82.430
BT	.000	5038.010	84.930	80.830	5039.000	84.800	80.830	5039.010	84.800	82.420
BT	.000	5040.000	84.670	82.410	5042.000	84.270	82.410	5043.000	83.860	83.860
BT	.000	5074.000	84.730	84.730	5090.000	84.730	84.730	5125.000	84.730	84.730
BT	.000	5140.000	83.030	83.030	5172.000	83.230	83.230	5190.000	82.330	82.330
BT	.000	5211.000	80.930	80.930	5240.000	82.630	82.630	5375.000	87.000	87.000
BT	.000	5650.000	86.000	86.000	5950.000	95.000	95.000	6130.000	100.000	100.000
NH	5.000	100.000	4755.000	.130	5000.000	.046	5039.010	.130	5211.000	100.000
NH	6130.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	46383.000	.000	.000	.000	7.000	7.000	7.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	100.000	4755.000	.130	5000.000	.046	5039.010	.130	5211.000	100.000
NH	6130.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	46384.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	82.730	80.930	.000

NH	5.000	100.000	4850.000	.130	5000.000	.000	.046	5044.010	.130	5275.000	100.000
NH	5912.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	47434.000	.000	.000	.000	1.000	.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	84.950	.000	84.450	.000
NH	5.000	100.000	4850.000	.130	5000.000	.000	.046	5044.010	.130	5275.000	100.000
NH	5912.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR S WOOD BR

X5	47477.000	.000	.000	.000	43.000	.000	43.000	43.000	.000	.070	.000
NC	.100	.100	.050	.106	.300	.000	.000	.500	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.000	.046	5054.510	.130	5350.000	100.000
NH	5927.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

FIRST BRIDGE X-SECTION FOR S WOOD BR

X1	47512.000	44.000	5000.000	5054.510	35.000	35.000	35.000	35.000	.000	.330	.000
X4	1.000	84.100	5350.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	110.000	4025.000	105.000	4042.000	4060.000	93.000	4400.000	87.300	4800.000	87.300	4800.000
GR	85.400	4850.000	85.700	4900.000	4914.000	85.000	4950.000	85.900	4972.000	85.900	4972.000
GR	85.500	4995.000	86.930	4999.000	5000.000	87.460	5000.010	86.460	5005.000	86.460	5005.000
GR	85.870	5008.000	85.470	5010.000	5015.000	87.300	5019.000	87.500	5020.000	87.500	5020.000
GR	76.300	5025.000	76.600	5027.500	5020.000	76.700	5035.000	77.400	5038.000	77.400	5038.000
GR	79.300	5040.000	83.100	5045.000	5047.500	86.590	5050.000	86.800	5054.500	86.800	5054.500
GR	87.530	5054.510	87.000	5055.000	5060.500	86.000	5082.500	85.800	5104.500	85.800	5104.500
GR	85.100	5154.500	84.900	5204.500	5254.500	84.000	5505.000	84.000	5882.000	84.000	5882.000
GR	95.000	5895.000	100.000	5910.000	5920.000	110.000	5927.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.000	.046	5054.510	.130	5350.000	100.000
NH	5927.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	47729.000	.000	.000	.000	224.000	217.000	176.500	217.000	.000	.330	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.000	.046	5054.510	.130	5350.000	100.000
NH	5927.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # S WOOD BR
PRESSURE ELEV = 86.8 WEIR ELEV = 84.

X1	47730.000	.000	110.000	.000	1.000	1.000	1.000	1.000	.000	.000	.000
BT	-43.000	4025.000	93.000	4042.000	105.000	105.000	4060.000	87.300	4800.000	87.300	4800.000
BT	.000	4400.000	85.500	4914.000	4950.000	4950.000	4950.000	4950.000	4950.000	4950.000	4950.000
BT	.000	4900.000	85.700	4914.000	4914.000	85.500	4950.000	86.000	4950.000	86.000	4950.000
BT	.000	4972.000	85.900	4995.000	4999.000	86.500	4999.000	86.930	5000.000	86.930	5000.000
BT	.000	5000.000	87.460	5005.000	5008.000	87.500	5008.000	87.500	5008.000	87.500	5008.000
BT	.000	5010.000	85.470	5015.000	5015.000	84.470	5019.000	85.570	5019.000	85.570	5019.000
BT	.000	5020.000	88.150	5025.000	5025.000	88.140	5027.500	88.150	5027.500	88.150	5027.500
BT	.000	5030.000	88.150	5035.000	5035.000	84.490	5047.500	84.490	5047.500	84.490	5047.500
BT	.000	5040.000	88.330	5045.000	5045.000	85.540	5047.500	87.780	5047.500	87.780	5047.500
BT	.000	5050.000	87.340	5054.500	5054.500	86.800	5054.510	87.530	5054.510	87.530	5054.510

02-08-86 22:21:00

BT	.000	5055.000	87.000	5060.000	86.700	86.700	5082.500	86.000	86.000
BT	.000	5104.500	85.800	5154.000	85.100	85.100	5204.500	84.900	84.900
BT	.000	5254.500	84.700	5505.000	84.000	84.000	5882.000	90.000	90.000
BT	.000	5895.000	95.000	5910.000	100.000	100.000	5920.000	105.000	105.000
BT	.000	5927.000	110.000	.000	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	5000.000	046	5054.510	.130	5350.000	100.000
NH	5927.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	47740.000	.000	.000	10.000	.000	10.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	100.000	4800.000	5000.000	.000	5054.510	.130	5350.000	100.000
NH	5927.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	47741.000	.000	.000	1.000	.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	85.500	84.000	.000
NH	5.000	100.000	4800.000	5000.000	.000	5054.510	.130	5350.000	100.000
NH	5927.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR S WOOD BR

X1	47794.000	.000	.000	53.500	53.500	53.500	.000	.170	.000
NC	.100	.100	.050	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	4850.000	5000.000	.046	5047.000	.130	5450.000	100.000
NH	6118.000	.000	.000	.000	.000	.000	.000	.000	.000

FIRST BRIDGE X-SECTION FOR T WOOD BR

X1	47980.000	35.000	5000.000	193.000	55.500	186.000	.000	.520	.000
X4	1.000	85.480	5450.000	.000	.000	.000	.000	.000	.000
GR	110.000	4720.000	105.000	100.000	4750.000	95.000	4765.000	89.500	4800.000
GR	87.100	4850.000	87.000	86.800	4950.000	86.800	4961.000	88.700	4999.000
GR	88.520	4999.500	88.820	86.570	5002.500	86.570	5005.000	78.200	5010.000
GR	77.500	5015.000	77.800	77.600	5025.000	77.600	5030.000	84.600	5035.000
GR	86.430	5040.000	87.800	88.260	5045.000	88.390	5047.000	86.800	5066.000
GR	86.100	5096.000	86.000	86.000	5196.000	86.000	5246.000	86.000	5900.000
GR	90.000	6068.000	93.000	100.000	6092.000	105.000	6105.000	110.000	6118.000
NC	.000	.000	.000	.500	.000	.000	.000	.000	.000
NH	5.000	100.000	4850.000	5000.000	.046	5047.000	.130	5450.000	100.000
NH	6118.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	48159.000	.000	.000	179.000	179.000	179.000	.000	.520	.000
X3	10.000	.000	.000	.000	.000	.000	86.800	86.000	.000
NH	5.000	100.000	4850.000	5000.000	.046	5047.000	.130	5450.000	100.000
NH	6118.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # T WOOD BR

5370.

4950.

7.1

ET	X1	48679.000	.000	.000	179.000	179.000	.000	179.000	.000	179.000	.000	87.500	.000	4950.	100.050	5370.
	X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	87.200	.000	5370.	.000	.000
	NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.000	5046.000	.130	.000	.000	5370.	.000	.000
	NH	6283.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	5370.	.000	.000

BRIDGE # U WOOD BR
PRESSURE ELEV = 88.4 WEIR ELEV = 87.2

ET	X1	48680.000	.000	.000	1.000	1.000	.000	1.000	.000	1.000	.000	4.950	.000	5370.	100.000	5370.
	BT	-28.000	4620.000	110.000	110.000	4635.000	105.000	105.000	.000	105.000	4645.000	100.000	.000	5370.	100.000	5370.
	BT	.000	4800.000	87.600	87.600	4850.000	87.800	87.800	.000	87.800	4950.000	87.500	.000	5370.	87.500	5370.
	BT	.000	4999.000	87.970	87.970	5000.000	88.160	87.860	.000	87.860	5001.500	88.470	.000	5370.	86.000	5370.
	BT	.000	5005.000	89.000	86.800	5010.000	89.420	86.160	.000	86.160	5011.000	89.420	.000	5370.	86.160	5370.
	BT	.000	5015.000	89.400	86.450	5020.000	89.450	86.260	.000	86.260	5025.000	89.500	.000	5370.	86.350	5370.
	BT	.000	5031.000	89.600	86.450	5035.000	89.730	86.520	.000	86.520	5040.000	89.600	.000	5370.	86.600	5370.
	BT	.000	5045.000	89.000	88.400	5046.000	88.500	88.500	.000	88.500	5063.000	88.400	.000	5370.	88.400	5370.
	BT	.000	5096.000	87.600	87.600	5146.000	87.200	87.200	.000	87.200	5196.000	87.300	.000	5370.	87.300	5370.
	BT	.000	5246.000	87.300	87.300	6260.000	100.000	100.000	.000	100.000	6275.000	105.000	.000	5370.	105.000	5370.
	BT	.000	6280.000	110.000	110.000	.000	.000	.000	.000	.000	7.1	4.950	.000	5370.	.000	5370.
	NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.000	5046.000	.130	.000	.000	5370.	100.000	5370.
	NH	6280.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	5370.	.000	5370.
	X1	48690.000	.000	.000	10.000	10.000	10.000	10.000	.000	10.000	10.000	.000	.000	5370.	.000	5370.
	X2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	5370.	.000	5370.
	NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.000	5046.000	.130	.000	.000	5370.	100.000	5370.
	NH	6280.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	5370.	.000	5370.
	X1	48691.000	.000	.000	1.000	1.000	1.000	1.000	.000	1.000	1.000	.000	.000	5370.	.000	5370.
	X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	87.500	.000	5370.	.000	5370.
	NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.000	5046.000	.130	.000	.000	5370.	100.000	5370.
	NH	6283.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	5370.	.000	5370.

4950.

7.1

ET	X1	48735.000	.000	.000	44.000	44.000	.000	44.000	.000	44.000	.000	4.950	.000	5370.	100.000	5370.
	NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.000	5046.000	.130	.000	.000	5370.	100.000	5370.
	NH	6300.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	5370.	.000	5370.

LAST BRIDGE X-SECTION FOR U WOOD BR

ET	X1	48735.000	.000	.000	44.000	44.000	.000	44.000	.000	44.000	.000	4.950	.000	5370.	100.000	5370.
	NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.000	5046.000	.130	.000	.000	5370.	100.000	5370.
	NH	6300.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	5370.	.000	5370.

FIRST BRIDGE X-SECTION FOR V WOOD BR

ET	X1	48789.000	40.000	5000.000	5044.510	19.000	34.000	54.000	.000	54.000	.000	88.900	.000	5370.	100.000	5370.
	X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	5370.	.000	5370.
	X4	1.000	88.560	5320.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	5370.	.000	5370.
	GR	115.000	4545.000	110.000	4595.000	105.000	4640.000	100.000	.000	100.000	4675.000	95.000	.000	5370.	4730.000	5370.
	GR	92.300	4800.000	90.100	4822.000	89.500	4850.000	85.900	.000	85.900	4900.000	89.200	.000	5370.	4950.000	5370.
	GR	89.300	4977.000	90.330	4999.000	88.960	5000.000	87.600	.000	87.600	5001.500	83.200	.000	5370.	5005.000	5370.
	GR	79.900	5010.000	79.400	5015.000	79.400	5020.000	78.900	.000	78.900	5025.000	79.400	.000	5370.	5028.500	5370.
	GR	81.500	5030.000	84.900	5035.000	87.700	5040.000	89.160	.000	89.160	5043.000	89.180	.000	5370.	5044.500	5370.
	GR	90.740	5044.510	91.410	5045.000	89.500	5092.500	89.400	.000	89.400	5144.500	89.300	.000	5370.	5194.500	5370.
	GR	89.200	5244.500	87.000	5505.000	86.000	5795.000	87.000	.000	87.000	6072.000	90.000	.000	5370.	6180.000	5370.
	GR	95.000	6240.000	100.000	6270.000	105.000	6282.000	110.000	.000	110.000	6290.000	115.000	.000	5370.	6300.000	5370.

NH	5.000	100.000	4850.000	.130	5000.000	.046	5044.510	.130	5320.000	100.000
NH	6300.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # V WOOD BR
PRESSURE ELEV = 89.3 WEIR ELEV = 88.9

ET

X1	48790.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-40.000	4545.000	115.000	115.000	4595.000	110.000	110.000	4640.000	105.000	105.000
BT	.000	4675.000	100.000	100.000	4730.000	95.000	95.000	4800.000	92.300	92.300
BT	.000	4822.000	90.100	90.100	4850.000	89.500	89.500	4900.000	88.900	88.900
BT	.000	4950.000	89.200	89.200	4977.000	89.300	89.300	4999.000	90.330	90.330
BT	.000	5000.000	89.500	88.960	5001.500	89.850	88.960	5005.000	91.380	88.960
BT	.000	5010.000	91.640	88.950	5015.000	91.610	88.950	5020.000	91.580	88.950
BT	.000	5025.000	91.580	88.940	5028.500	91.620	88.950	5030.000	91.640	89.000
BT	.000	5035.000	91.720	89.060	5040.000	91.440	89.120	5043.000	90.970	89.160
BT	.000	5044.500	90.740	89.180	5044.510	90.740	90.740	5045.000	91.410	91.410
BT	.000	5092.500	89.500	89.500	5144.500	89.400	89.400	5194.500	89.300	89.300
BT	.000	5244.500	89.200	89.200	5505.000	87.000	87.000	5795.000	86.000	86.000
BT	.000	6072.000	87.000	87.000	6180.000	90.000	90.000	6240.000	95.000	95.000
BT	.000	6270.000	100.000	100.000	6282.000	105.000	105.000	6290.000	110.000	110.000
BT	.000	6300.000	115.000	115.000	.000	.000	.000	.000	.000	.000

9.11 4950. 5370.

ET

NH	5.000	100.000	4850.000	.130	5000.000	.046	5044.510	.130	5320.000	100.000
NH	6300.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	48800.000	.000	.000	.000	10.000	10.000	10.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

9.11 4950. 5370.

ET

NH	5.000	100.000	4850.000	.130	5000.000	.046	5044.510	.130	5320.000	100.000
NH	6300.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	48801.060	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	88.900	86.000	.000

9.1 4950. 5370.

NH	5.000	100.000	4850.000	.130	5000.000	.046	5044.510	.130	5320.000	100.000
NH	6300.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR V WOOD BR

ET

X1	48844.000	.000	.000	.000	43.500	43.500	43.500	.000	.120	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5056.000	.130	5425.000	100.000
NH	6305.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

9.1 4950. 5370.

FIRST BRIDGE X-SECTION FOR W WOOD BR

ET

X1	48931.000	39.000	5000.000	5056.000	87.500	87.500	87.500	.000	.560	.000
X4	2.000	90.570	4850.000	89.030	5425.000	.000	.000	.000	.000	.000
GR	115.000	4615.000	405.000	4665.000	100.000	4698.500	95.000	4726.500	90.000	4785.500
GR	92.900	4950.000	91.400	4986.000	92.310	4999.000	92.100	5000.000	91.740	5003.000
GR	90.020	5005.000	89.200	5010.000	83.500	5015.000	80.400	5018.000	79.800	5020.000
GR	80.000	5025.000	79.900	5028.000	80.000	5030.000	80.200	5035.000	80.400	5038.000
GR	81.730	5040.000	85.400	5045.000	89.100	5050.000	90.000	5052.000	91.300	5055.000
GR	91.610	5056.000	90.600	5062.000	88.600	5088.000	89.000	5105.000	90.100	5155.000

10.4-1

FIRST BRIDGE X-SECTION FOR X WOOD BR

X1	49336.00	23.300	5000.000	5041.000	123.250	123.250	123.250	.000	.000	.280	.000
X4	1.000	89.610	5300.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	109.030	4900.000	104.220	4925.000	100.340	4950.000	4950.000	4975.000	4975.000	93.070	4999.000
GR	92.800	5130.000	91.700	5005.000	81.000	5098.000	5098.000	5010.000	5010.000	82.100	5015.000
GR	81.600	5017.000	80.400	5020.000	81.000	5025.000	5025.000	5030.000	5030.000	87.800	5035.000
GR	90.250	5040.000	91.790	5041.000	90.200	5090.000	5090.000	5140.000	5140.000	89.400	5190.000
GR	89.300	5240.000	95.000	5816.500	100.000	5996.500	5996.500	.000	.000	.000	.000
FC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000
NH	5.000	100.070	4950.000	.130	5000.000	.046	.046	5041.000	5300.000	5300.000	100.000
NH	5996.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	49335.000	.000	.000	.000	118.500	203.500	203.500	159.000	.000	.280	.000
X3	10.000	.000	.000	.000	.000	.000	.000	92.800	92.800	89.300	.000
NH	5.000	100.000	4950.000	.130	5000.000	.046	.046	5041.000	5300.000	5300.000	100.000
NH	5996.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # X WOOD BR
PRESSURE ELEV = 91.7 WEIR ELEV = 89.3

X1	49496.000	.000	.000	.000	1.000	1.000	1.000	1.000	.000	.000	.000
BT	-23.000	4900.000	109.030	109.030	1.000	104.220	104.220	4950.000	4950.000	100.340	100.340
BT	.000	4975.000	95.830	95.830	4999.000	93.070	93.070	5000.000	5000.000	93.860	92.800
BT	.000	5005.000	94.130	91.700	5009.000	93.900	93.900	5010.000	5010.000	93.900	90.990
BT	.000	5015.000	93.540	90.840	5017.000	93.460	93.460	5020.000	5020.000	93.350	90.700
BT	.000	5025.000	93.250	90.560	5033.000	93.230	93.230	5035.000	5035.000	93.250	90.250
BT	.000	5040.000	92.450	90.250	5041.000	91.790	91.790	5090.000	5090.000	90.200	90.200
BT	.000	5140.000	90.000	90.000	5190.000	89.400	89.400	5240.000	5240.000	89.300	89.300
BT	.000	5816.500	95.000	95.000	5996.500	100.000	100.000	.000	.000	.000	.000
NH	5.000	100.000	4950.000	.130	5000.000	.046	.046	5041.000	5300.000	5300.000	100.000
NH	5996.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	49504.000	.000	.000	.000	7.500	7.500	7.500	7.500	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	100.000	4950.000	.130	5000.000	.046	.046	5041.000	5300.000	5300.000	100.000
NH	5996.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	49505.000	.000	.000	.000	1.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	92.800	89.300	.000
NH	5.000	100.000	4950.000	.130	5000.000	.046	.046	5041.000	5300.000	5300.000	100.000
NH	5996.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR X WOOD BR

X1	49544.000	.000	.000	.000	39.000	39.000	39.000	39.000	.000	.030	.000
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02-08-86 22:21:00

NH	5,000	100,000	4822,000	.250	5000,000	.068	5073,000	.270	5515,000	100,000
NH	5935,000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR Y HIBRITEN

ET										
X1	50841,000	30,000	5000,000	5073,000	45,000	45,000	45,000	.000	.070	.000
GR	110,000	3987,000	105,000	4822,000	4962,000	4962,000	90,900	4999,990	90,900	5000,000
GR	90,900	5000,010	90,900	5001,000	88,900	5005,000	84,800	5010,000	83,600	5012,500
GR	82,800	5015,000	83,300	5020,000	83,200	5025,000	83,200	5030,000	83,200	5035,000
GR	83,600	5040,000	84,080	5046,000	84,080	5046,010	84,080	5046,020	95,000	5073,000
GR	95,320	5096,000	95,950	5146,000	95,640	5196,000	95,490	5246,000	100,000	5446,000
GR	100,000	5465,000	100,000	5515,000	100,000	5837,000	105,000	5927,000	110,000	5935,000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5,000	100,000	5270,000	.500	5549,500	.070	5574,500	.18	6020,000	100,000
NH	6385,000	.000	.000	.000	.000	.000	.000	.000	.000	.000

4950.
5500. 5150. 5250.

5674.

X-SECTION LCP

ET										
X1	51780,000	20,000	5549,500	5574,500	943,500	918,500	939,000	.000	.000	.000
X4	2,400	98,000	5270,000	784,000	524,000	.000	.000	.000	.000	.000
GR	115,000	5000,000	110,000	5015,000	105,000	5035,000	100,000	5050,000	94,870	5519,500
GR	93,560	5549,500	85,820	5559,500	84,340	5561,500	84,040	5564,500	85,820	5566,500
GR	97,680	5574,500	97,530	5584,500	100,000	5955,000	101,000	5990,000	100,000	6020,000
GR	93,000	6150,000	100,000	6260,000	105,000	6285,000	110,000	6350,000	115,000	6385,000
NH	5,000	100,000	5270,000	.500	5549,500	.070	5574,500	.18	6020,000	100,000
NH	6385,000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	52505,000	.000	.000	.000	704,000	730,000	725,000	.000	2,310	.000
NH	5,000	100,000	4900,000	.500	5001,000	.070	5036,000	.280	5174,000	100,000
NH	5434,000	.000	.000	.000	.000	.000	.000	.000	.000	.000

10,41

FIRST BRIDGE X-SECTION FOR PIPE D/S OF TREMONT

ET										
X1	53229,000	22,000	5001,000	5036,000	705,500	732,500	724,500	.000	.480	.000
GR	110,000	4760,000	101,000	4800,000	101,000	4850,000	101,000	4900,000	101,000	4950,000
GR	94,730	5001,000	93,730	5001,010	92,810	5005,000	89,910	5010,000	89,310	5015,000
GR	89,410	5020,000	89,619	5025,000	89,910	5030,000	93,620	5036,000	94,620	5036,010
GR	98,110	5041,000	100,000	5051,000	101,000	5091,000	100,000	5141,000	107,910	5174,000
GR	105,000	5304,000	110,000	5434,000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5,000	100,000	4900,000	.200	5001,000	.070	5036,000	.250	5174,000	100,000
NH	5434,000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	53372,000	.000	.000	.000	143,000	143,000	143,000	.000	.480	.000
X5	10,000	.000	.000	.000	.000	.000	.000	101,000	94,620	.000

4918. 5118.

4918. 5118.

ET

NH	5.000	100.000	4900.000	.180	5001.000	.065	5036.000	.200	5174.000	100.000
NH	5434.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # PIPE D/S OF TREMONT
PRESSURE ELEV = 93.73 WEIR ELEV = 94.62

BT	53373.000	.000	.000	.000	1.000	1.000	1.000	.000	4918.	5118.
X1	4760.000	110.000	110.000	4850.000	101.000	101.000	101.000	101.000	101.000	101.000
BT	-16.000	4900.000	101.000	4950.000	101.000	101.000	101.000	5001.000	94.730	94.620
BT	.000	5001.010	94.730	5036.000	93.620	93.620	5036.010	5036.010	94.620	94.620
BT	.000	5041.000	98.110	5091.000	100.000	100.000	5091.000	101.000	101.000	101.000
BT	.000	5141.000	100.000	5174.000	107.910	107.910	5304.000	105.000	105.000	105.000
BT	.000	5434.000	110.000	.000	.000	.000	.000	.000	4918.	5118.
NH	5.000	100.000	4900.000	.180	5001.000	.050	5036.000	.180	5174.000	100.000
NH	5434.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	53374.000	.000	.000	1.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR PIPE D/S OF TREMONT

BT	53375.000	.000	.000	.000	1.000	1.000	1.000	.000	4918.	5118.
X1	10.000	.000	.000	101.000	101.000	101.000	101.000	101.000	101.000	101.000
X3	53375.000	.000	.000	101.000	101.000	101.000	101.000	101.000	101.000	101.000
NH	5.000	100.000	4900.000	.180	5001.000	.050	5041.000	.180	5174.000	100.000
NH	5434.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

FIRST BRIDGE X-SECTION FOR Z TREMONT

BRIDGE # Z TREMONT
PRESSURE ELEV = 99.44 WEIR ELEV = 101.68

BT	53398.000	.000	.000	.000	23.000	23.000	23.000	.000	4918.	5118.
X1	10.000	5000.000	5041.000	4850.000	101.000	101.000	101.000	101.000	101.000	101.000
X3	110.000	4760.000	101.000	4900.000	101.000	101.000	101.000	4900.000	101.000	4950.000
GR	100.000	4998.000	94.510	5000.000	94.510	94.510	5001.000	5001.000	94.510	5001.010
GR	100.000	5005.000	89.910	5015.000	89.410	89.410	5020.000	5020.000	89.610	5025.000
GR	92.810	5030.000	94.010	5040.000	98.110	98.110	5040.010	5040.010	98.110	5041.000
GR	89.910	5030.000	94.010	5091.000	100.000	100.000	5141.000	5141.000	107.910	5174.000
GR	98.110	5041.010	100.000	100.000	100.000	100.000	100.000	100.000	107.910	5174.000
GR	105.000	5304.000	110.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	100.000	4900.000	.180	5000.000	.050	5041.000	.180	5174.000	100.000
NH	5434.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
SB	1.250	1.560	2.600	20.210	23.000	23.000	310.000	1.026	89.310	89.310
X1	53421.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X2	.000	.000	1.000	101.680	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	101.680	.000	.000	101.680	101.680	102.000	101.000
BT	-27.000	4760.000	110.000	4800.000	103.780	101.000	4850.000	102.960	102.960	101.000
BT	.000	4900.000	102.120	4950.000	101.680	101.000	4990.000	102.000	102.000	100.000

BT

9.11 4918. 5118.

FLOODWAY DATA, LOWER CREEK,
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
50841.000	73.	1138.	4.4	102.1	99.3	2.8
LCP 50880.000	386.	2943.	1.7	104.2	102.2	2.0
52000.000	455.	3520.	1.4	106.9	105.6	1.3
53229.000	155.	1823.	2.8	108.6	107.4	1.2
PIPE 53372.000	177.	2010.	2.5	109.0	107.8	1.2
53373.000	203.	2244.	2.2	109.3	108.1	1.2
53374.000	201.	2230.	2.3	109.3	108.1	1.2
53375.000	178.	2051.	2.5	109.2	108.0	1.2
TREMONT 53398.000	178.	1947.	2.6	109.2	108.0	1.2
53421.000	178.	1967.	2.6	109.3	108.0	1.3
53460.000	177.	1949.	2.6	109.3	108.0	1.3
LCQ 53725.000	200.	2172.	2.3	109.7	108.4	1.3

THIS RUN EXECUTED 02-08-86 22:33:06

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

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

LOWER CREEK

SUMMARY PRINTOUT TABLE 110

SECO	CWSEL	DIFKWS	EG	TOPWID	QLOS	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
36925.000	77.05	.00	77.12	1431.74	5788.63	3332.04	109.33	.00	.00	5000.00	5065.00	.00
36925.000	77.89	.84	77.98	450.00	5477.72	3752.28	.00	450.00	4615.00	5000.00	5065.00	5065.00
37179.000	77.12	.00	77.22	1169.05	4453.63	4582.40	193.97	.00	.00	5000.00	5100.00	.00
37179.000	77.97	.84	78.12	500.00	3652.00	5543.05	34.96	500.00	4605.00	5000.00	5100.00	5105.00
37180.000	77.19	.00	77.24	1170.13	5759.76	3218.66	251.58	.00	.00	5000.00	5100.00	.00
37180.000	78.05	.86	78.14	500.00	5050.02	4147.07	32.91	500.00	4605.00	5000.00	5100.00	5105.00
37181.000	77.19	.00	77.24	1170.14	5759.95	3218.45	251.60	.00	.00	5000.00	5100.00	.00
37181.000	78.06	.86	78.14	500.00	5049.98	4147.11	32.91	500.00	4605.00	5000.00	5100.00	5105.00
37182.000	77.17	.00	77.27	1169.72	4466.40	4568.73	194.87	.00	.00	5000.00	5100.00	.00
37182.000	78.02	.85	78.18	500.00	3660.15	5534.89	34.96	500.00	4605.00	5000.00	5100.00	5105.00
37228.000	77.20	.00	77.29	1170.18	4639.35	4557.09	33.56	.00	.00	5000.00	5120.00	.00
37228.000	78.08	.87	78.21	550.00	3708.87	5456.35	64.78	550.00	4604.00	5000.00	5120.00	5154.00
37229.000	77.07	.00	77.43	1167.95	3768.03	5454.54	7.42	.00	.00	5000.00	5120.00	.00
37229.000	78.06	1.00	78.22	550.00	5436.13	3749.18	44.69	550.00	4604.00	5000.00	5120.00	5154.00
37271.000	77.46	.00	77.72	1175.68	4348.27	4863.36	18.37	.00	.00	5000.00	5120.00	.00
37271.000	78.21	.75	78.36	556.00	5510.87	3668.35	50.79	556.00	4604.00	5000.00	5120.00	5160.00
37272.000	77.71	.00	77.78	1199.11	4779.26	4407.35	43.38	.00	.00	5000.00	5120.00	.00
37272.000	78.25	.54	78.37	556.00	3729.68	5426.76	71.56	556.00	4604.00	5000.00	5120.00	5160.00
37391.000	77.76	.00	77.83	1234.27	4868.66	4307.81	53.53	.00	.00	5000.00	5120.00	.00
37391.000	78.32	.55	78.43	556.00	3772.57	5372.93	84.50	556.00	4604.00	5000.00	5120.00	5160.00
37740.000	77.88	.00	77.97	681.27	4274.77	3740.55	1214.68	.00	.00	5552.50	5621.50	.00
37740.000	78.48	.60	78.59	476.73	4326.87	4194.10	709.03	.13	5183.11	5552.50	5621.50	5659.84

SECNO	CWSEL	DIFKWS	EG	TOPWID.	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
38285.000	78.08	.00	78.21	362.88	.00	9230.00	.00	.00	.00	5000.00	5481.50	.00
38285.000	78.69	.61	78.80	364.75	.00	9230.00	.00	.00	5000.00	5000.00	5481.50	5481.50
38286.000	78.07	.00	78.22	362.87	.00	9230.00	.00	.00	.00	5000.00	5481.50	.00
38286.000	78.68	.61	78.81	364.77	.00	9230.00	.00	.00	5000.00	5000.00	5481.50	5481.50
38303.000	78.08	.00	78.23	362.88	.00	9230.00	.00	.00	.00	5000.00	5481.50	.00
38303.000	78.69	.61	78.82	364.77	.00	9230.00	.00	.00	5000.00	5000.00	5481.50	5481.50
38304.000	78.11	.00	78.24	362.97	.00	9230.00	.00	.00	.00	5000.00	5481.50	.00
38304.000	78.71	.60	78.83	364.85	.00	9230.00	.00	.00	5000.00	5000.00	5481.50	5481.50
38503.000	78.21	.00	78.35	362.30	.00	9230.00	.00	.00	.00	5000.00	5481.50	.00
38503.000	78.79	.58	78.91	364.09	.00	9230.00	.00	.00	5000.00	5000.00	5481.50	5481.50
39628.000	79.17	.00	80.02	578.10	439.39	5539.80	3250.81	.00	.00	5000.00	5041.51	.00
39628.000	79.67	.51	80.73	142.21	.00	6020.02	3209.98	.16	5000.00	5000.00	5041.51	5142.21
39789.000	79.77	.00	80.55	604.45	474.62	5439.34	3316.04	.00	.00	5000.00	5041.51	.00
39789.000	80.54	.77	81.43	149.97	.00	5827.45	3402.55	.15	5000.00	5000.00	5041.51	5149.97
39821.000	79.96	.00	80.69	613.00	496.75	5383.31	3349.74	.00	.00	5000.00	5041.51	.00
39821.000	82.99	3.03	83.57	149.97	.00	5564.49	3665.51	.15	5000.00	5000.00	5041.51	5149.97
39860.000	80.07	.00	80.80	613.94	499.57	5376.95	3353.48	.00	.00	5000.00	5041.51	.00
39860.000	83.10	3.03	83.66	154.95	.00	5488.45	3741.55	.15	5000.00	5000.00	5041.51	5154.95
41713.000	84.68	.00	85.75	941.18	626.47	8295.13	308.40	.00	.00	4999.99	5070.01	.00
41713.000	86.61	1.94	87.75	70.02	.00	9230.00	.00	.14	4999.99	4999.99	5070.01	5070.01
41988.000	85.44	.00	86.43	943.07	717.85	8186.60	325.54	.00	.00	4999.99	5070.01	.00
41988.000	87.29	1.76	88.31	78.64	33.98	9196.02	.00	.15	4991.37	4999.99	5070.01	5070.01
41989.000	85.13	.00	86.75	940.95	1281.89	7690.77	257.34	.00	.00	4999.99	5070.01	.00
41989.000	88.12	2.99	88.52	314.32	3323.17	5242.09	664.74	.07	4774.28	4999.99	5070.01	5088.60
42021.000	86.81	.00	87.44	952.71	2809.39	5896.44	524.17	.00	.00	4999.99	5070.01	.00
42021.000	88.18	1.37	88.94	217.37	2539.35	6590.65	.00	.29	4852.64	4999.99	5070.01	5070.01
42022.000	86.80	.00	87.46	952.62	1160.20	7693.87	375.93	.00	.00	5000.00	5071.76	.00
42022.000	88.20	1.40	88.95	187.23	732.17	8497.83	.00	.14	4884.52	5000.00	5071.76	5071.76
42090.000	86.92	.00	87.56	953.25	1187.64	7660.86	381.50	.00	.00	5000.00	5071.76	.00
42090.000	88.32	1.40	89.04	193.14	780.43	8449.57	.00	.14	4878.62	5000.00	5071.76	5071.76
42387.000	87.37	.00	87.97	582.97	853.01	8250.56	126.43	.00	.00	4999.00	5090.00	.00
42387.000	88.73	1.36	89.43	91.00	.00	9230.00	.00	.13	4999.00	4999.00	5090.00	5090.00
42662.000	87.77	.00	88.33	597.87	923.53	8170.46	136.00	.00	.00	4999.00	5090.00	.00
42662.000	89.12	1.34	89.77	105.90	75.18	9154.82	.00	.13	4984.11	4999.00	5090.00	5090.01

SECHO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QRQB	PERENC	STENCL	STCHL	STCHR	STENCR
42663.000	87.80	.00	88.34	599.26	2628.87	6214.21	386.92	.00	.00	4999.00	5090.00	.00
42663.000	89.12	1.31	89.78	204.53	1995.47	7234.53	.00	.20	4885.48	4999.00	5090.00	5090.01
42716.000	88.38	.00	88.81	617.89	2847.47	5967.63	414.89	.00	.00	4999.00	5090.00	.00
42716.000	89.69	1.30	90.21	218.21	2350.87	6379.13	.00	.19	4871.80	4999.00	5090.00	5090.01
42717.000	88.36	.00	88.84	617.20	1057.56	8018.27	154.16	.00	.00	4999.00	5090.00	.00
42717.000	89.67	1.31	90.23	138.72	299.52	8930.49	.00	.13	4951.29	4999.00	5090.00	5090.01
42785.000	88.44	.00	88.91	619.06	1075.15	7998.31	156.54	.00	.00	4999.00	5090.00	.00
42785.000	89.75	1.31	90.30	142.30	341.82	8888.18	.00	.13	4947.71	4999.00	5090.00	5090.01
42846.000	88.45	.00	89.03	619.40	1160.48	7618.13	451.39	.00	.00	5000.00	5070.51	.00
42846.000	89.76	1.30	90.42	183.16	846.07	8383.93	.00	.13	4887.35	5000.00	5070.51	5070.51
42847.000	88.73	.00	89.10	625.82	1771.99	6390.24	1067.78	.00	.00	5000.00	5070.51	.00
42847.000	90.05	1.32	90.48	223.75	1689.28	6915.81	624.91	.14	4853.66	5000.00	5070.51	5077.41
42848.000	88.73	.00	89.10	625.83	1772.16	6390.05	1067.79	.00	.00	5000.00	5070.51	.00
42848.000	90.05	1.32	90.49	223.68	1688.81	6916.34	624.85	.14	4853.72	5000.00	5070.51	5077.41
42849.000	88.67	.00	89.17	624.31	1181.88	7328.77	719.36	.00	.00	5000.00	5070.51	.00
42849.000	90.00	1.33	90.55	203.96	971.38	7851.50	407.12	.12	4871.44	5000.00	5070.51	5075.39
42889.000	88.71	.00	89.21	624.31	1181.91	7328.72	719.36	.00	.00	5000.00	5070.51	.00
42889.000	90.03	1.33	90.58	203.96	970.38	7852.48	407.14	.12	4871.43	5000.00	5070.51	5075.39
42898.000	88.88	.00	89.23	674.96	1599.24	7314.41	316.35	.00	.00	5000.00	5090.00	.00
42898.000	90.21	1.32	90.60	216.56	1145.09	8084.91	.00	.13	4873.45	5000.00	5090.00	5090.01
43173.000	89.09	.00	89.44	674.90	1587.66	7328.88	313.46	.00	.00	5000.00	5090.00	.00
43173.000	90.40	1.31	90.80	214.74	1123.32	8106.68	.00	.13	4875.27	5000.00	5090.00	5090.01
43174.000	89.22	.00	89.47	675.05	3503.96	5132.38	593.67	.00	.00	5000.00	5090.00	.00
43174.000	90.49	1.28	90.83	248.81	3334.67	5895.13	.00	.23	4841.20	5000.00	5090.00	5090.01
43206.000	89.37	.00	89.62	675.24	3543.81	5082.89	603.30	.00	.00	5000.00	5090.00	.00
43206.000	90.64	1.27	90.96	251.88	3403.09	5826.91	.00	.23	4838.13	5000.00	5090.00	5090.01
43207.000	89.33	.00	89.66	675.19	1640.69	7262.63	326.68	.00	.00	5000.00	5090.00	.00
43207.000	90.61	1.22	90.99	222.64	1209.61	8020.39	.00	.13	4867.37	5000.00	5090.00	5090.01
43275.000	89.37	.00	89.72	674.93	1592.27	7323.12	314.61	.00	.00	5000.00	5090.00	.00
43275.000	90.65	1.28	91.05	215.46	1128.28	8101.73	.00	.13	4874.55	5000.00	5090.00	5090.01
43800.000	89.87	.00	90.36	1439.20	2390.01	6727.53	112.46	.00	.00	6112.50	6175.50	.00
43800.000	91.08	1.22	91.65	199.01	1826.79	7403.21	.00	.12	5976.49	6112.50	6175.50	6175.50
43932.000	90.09	.00	90.49	1185.32	1460.46	7767.61	1.93	.00	.00	4999.00	5075.00	.00
43932.000	91.33	1.24	91.78	124.75	756.57	8473.43	.00	.10	4950.25	4999.00	5075.00	5075.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
44228.000	90.29	.00	90.75	1151.79	1362.43	7866.01	1.56	.00	.00	4999.00	5075.00	.00
44228.000	91.52	1.23	92.04	117.00	621.31	8608.69	.00	.10	4958.00	4999.00	5075.00	5075.00
44229.000	90.50	.00	90.80	1159.84	2504.66	6722.16	2.98	.00	.00	4999.00	5075.00	.00
44229.000	91.73	1.23	92.09	139.71	1837.78	7392.22	.00	.11	4935.30	4999.00	5075.00	5075.00
44230.000	90.50	.00	90.80	1159.88	2505.03	6721.98	2.98	.00	.00	4999.00	5075.00	.00
44230.000	91.73	1.23	92.09	139.67	1837.25	7392.75	.00	.11	4935.33	4999.00	5075.00	5075.00
44231.000	90.43	.00	90.87	1157.08	1378.38	7850.00	1.62	.00	.00	4999.00	5075.00	.00
44231.000	91.66	1.23	92.17	149.10	644.07	8585.43	.50	.10	4956.69	4999.00	5075.00	5105.79
44258.000	90.42	.00	90.93	1156.91	1524.54	7703.67	1.80	.00	.00	5000.00	5074.51	.00
44258.000	91.64	1.22	92.23	133.29	748.44	8481.29	.27	.11	4955.33	5000.00	5074.51	5088.61
44259.000	90.00	.00	91.36	1140.02	1231.71	7994.97	3.32	.00	.00	5000.00	5074.51	.00
44259.000	90.96	.96	92.92	102.65	196.94	9033.05	.00	.30	4972.14	5000.00	5074.51	5074.79
44300.000	90.56	.00	91.78	1162.29	1493.55	7732.25	4.20	.00	.00	5000.00	5074.51	.00
44300.000	93.18	2.63	93.69	137.02	3264.11	5965.88	.00	.20	4937.74	5000.00	5074.51	5074.77
44301.000	91.61	.00	92.03	1204.72	1660.51	7567.15	2.35	.00	.00	5000.00	5074.51	.00
44301.000	93.26	1.65	93.71	129.52	1030.43	8199.57	.00	.10	4944.99	5000.00	5074.51	5074.51
44356.000	91.65	.00	92.07	1203.28	1654.65	7571.01	2.33	.00	.00	5000.00	5074.51	.00
44356.000	93.30	1.65	93.75	128.91	1023.67	8206.33	.00	.10	4945.60	5000.00	5074.51	5074.51
45040.000	92.24	.00	92.30	985.39	2330.49	5972.97	926.54	.00	.00	5000.00	5148.02	.00
45040.000	93.89	1.65	93.96	530.14	2092.07	6574.71	563.22	.11	4712.60	5000.00	5148.02	5242.74
45497.000	92.32	.00	92.38	974.85	2319.26	6010.13	900.62	.00	.00	5000.00	5148.02	.00
45497.000	93.96	1.64	94.03	516.43	2073.26	6631.76	524.98	.11	4719.24	5000.00	5148.02	5235.67
45522.000	92.97	.00	93.03	995.07	2340.68	5939.72	949.59	.00	.00	5000.00	5148.02	.00
45522.000	94.31	1.34	94.38	516.43	2076.62	6623.46	529.92	.11	4719.24	5000.00	5148.02	5235.67
45636.000	92.98	.00	93.06	987.30	2781.72	6446.35	1.93	.00	.00	5000.00	5148.02	.00
45636.000	94.32	1.34	94.41	268.96	2131.55	7098.45	.00	.09	4879.06	5000.00	5148.02	5148.02
45770.000	93.04	.00	93.08	1054.50	1920.11	2341.18	778.71	.00	.00	5508.00	5578.00	.00
45770.000	94.38	1.35	94.43	354.50	1879.63	2604.29	556.09	.12	5294.75	5508.00	5578.00	5649.25
45874.000	93.06	.00	93.10	1438.44	1992.80	1890.70	1156.50	.00	.00	5000.00	5048.01	.00
45874.000	94.40	1.34	94.46	343.10	1941.76	2095.73	1002.51	.12	4819.90	5000.00	5048.01	5163.00
45875.000	93.10	.00	93.11	1440.94	2479.45	1120.95	1439.61	.00	.00	5000.00	5048.01	.00
45875.000	94.44	1.34	94.47	355.52	2476.72	1243.88	1319.40	.13	4815.21	5000.00	5048.01	5170.72
45885.000	93.11	.00	93.12	1441.11	2479.44	1120.85	1439.71	.00	.00	5000.00	5048.01	.00
45885.000	94.45	1.34	94.47	355.50	2476.71	1243.85	1319.44	.13	4815.21	5000.00	5048.01	5170.71

SECNO	CWSEL	DIFKMS	EG	TOPWID	QL08	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
45886.000	93.09	.00	93.13	1440.71	1993.28	1888.81	1157.91	.00	.00	5000.00	5048.01	.00
45886.000	94.43	1.34	94.48	344.08	1943.05	2090.49	1006.46	.12	4819.54	5000.00	5048.01	5163.63
45919.000	93.10	.00	93.14	1440.79	2034.12	1781.93	1223.96	.00	.00	5000.00	5040.00	.00
45919.000	94.44	1.34	94.49	345.66	1994.66	1953.39	1091.96	.12	4818.95	5000.00	5040.00	5164.61
45920.000	93.13	.00	93.15	1442.67	2371.06	1241.04	1427.90	.00	.00	5000.00	5040.00	.00
45920.000	94.47	1.34	94.50	353.63	2361.72	1361.10	1317.18	.13	4815.93	5000.00	5040.00	5169.57
45921.000	93.13	.00	93.15	1442.68	2371.06	1241.03	1427.91	.00	.00	5000.00	5040.00	.00
45921.000	94.47	1.34	94.50	353.63	2361.71	1361.10	1317.19	.13	4815.94	5000.00	5040.00	5169.57
45922.000	93.12	.00	93.16	1442.32	2034.52	1780.44	1225.04	.00	.00	5000.00	5040.00	.00
45922.000	94.46	1.34	94.51	346.14	1995.42	1950.30	1094.28	.12	4818.78	5000.00	5040.00	5164.92
45944.000	93.12	.00	93.17	1439.92	2033.89	1782.77	1223.34	.00	.00	5000.00	5040.00	.00
45944.000	94.46	1.34	94.52	345.45	1994.31	1954.81	1090.88	.12	4819.02	5000.00	5040.00	5164.47
46220.000	93.19	.00	93.25	1191.05	1710.10	1845.83	1484.07	.00	.00	5000.00	5039.01	.00
46220.000	94.53	1.33	94.59	390.53	1659.70	2020.90	1359.40	.14	4794.73	5000.00	5039.01	5185.26
46375.000	93.24	.00	93.29	1181.38	1693.68	1868.39	1477.93	.00	.00	5000.00	5039.01	.00
46375.000	94.57	1.33	94.63	388.34	1642.10	2048.29	1349.61	.14	4796.04	5000.00	5039.01	5184.38
46376.000	93.29	.00	93.31	1183.45	2161.79	1017.51	1860.70	.00	.00	5000.00	5039.01	.00
46376.000	94.62	1.33	94.65	397.69	2061.07	1132.82	1846.10	.13	4796.01	5000.00	5039.01	5193.71
46383.000	93.29	.00	93.31	1183.56	2161.92	1017.38	1860.70	.00	.00	5000.00	5039.01	.00
46383.000	94.62	1.33	94.65	397.67	2061.17	1132.74	1846.09	.13	4796.02	5000.00	5039.01	5193.70
46384.000	93.27	.00	93.33	1183.24	1696.90	1863.96	1479.14	.00	.00	5000.00	5039.01	.00
46384.000	94.60	1.33	94.67	389.84	1646.57	2039.50	1353.93	.14	4795.21	5000.00	5039.01	5185.05
46422.000	93.28	.00	93.34	1179.57	1690.52	1872.74	1476.74	.00	.00	5000.00	5039.01	.00
46422.000	94.61	1.33	94.68	388.63	1639.11	2051.71	1349.18	.14	4795.92	5000.00	5039.01	5184.54
46636.000	93.33	.00	93.43	708.02	.00	3499.33	1540.67	.00	.00	5000.00	5068.51	.00
46636.000	94.66	1.33	94.77	165.29	.00	3708.87	1331.13	.14	5000.00	5000.00	5068.51	5165.29
46763.000	94.29	.00	94.37	759.88	214.90	3311.90	1513.20	.00	.00	5000.00	5068.51	.00
46763.000	95.73	1.44	95.83	165.29	.00	3679.84	1360.16	.10	5000.00	5000.00	5068.51	5165.29
46831.000	94.30	.00	94.38	758.02	206.08	3324.67	1509.25	.00	.00	5000.00	5068.51	.00
46831.000	95.76	1.44	95.84	187.34	.00	3480.40	1559.60	.10	5000.00	5000.00	5068.51	5187.34
47250.000	94.43	.00	94.49	1053.30	911.06	1933.62	2195.32	.00	.00	5000.00	5044.01	.00
47250.000	95.88	1.45	95.95	342.11	716.83	2109.26	2213.91	.14	4903.69	5000.00	5044.01	5245.80
47425.000	94.49	.00	94.55	1051.86	899.37	1950.74	2189.89	.00	.00	5000.00	5044.01	.00
47425.000	95.93	1.44	96.00	339.34	697.54	2130.37	2212.09	.14	4905.54	5000.00	5044.01	5244.86

SECD0	CMSEL	DIFKWS	EG	TOPWID	QLOB	OCH	QROB	PERENC	STENCL	STCHL	STCHR	STEXCR
47426.000	94.54	.00	94.56	1052.29	1189.84	1031.98	2818.18	.00	.00	5000.00	5044.01	.00
47426.000	95.97	1.43	96.01	330.67	921.07	1176.26	2942.66	.20	4911.30	5000.00	5044.01	5241.97
47433.000	94.55	.00	94.57	1052.31	1190.01	1031.87	2818.12	.00	.00	5000.00	5044.01	.00
47433.000	95.98	1.43	96.01	330.62	921.09	1176.29	2942.63	.20	4911.33	5000.00	5044.01	5241.95
47434.000	94.53	.00	94.59	1052.18	902.04	1946.82	2191.14	.00	.00	5000.00	5044.01	.00
47434.000	95.96	1.43	96.03	340.42	703.62	2124.63	2211.75	.14	4904.84	5000.00	5044.01	5245.26
47477.000	94.54	.00	94.60	1051.85	899.32	1950.82	2189.86	.00	.00	5000.00	5044.01	.00
47477.000	95.97	1.43	96.05	340.42	701.11	2128.91	2209.98	.14	4904.88	5000.00	5044.01	5245.30
47512.000	94.59	.00	94.62	1587.81	1187.23	1717.29	2135.48	.00	.00	5000.00	5054.51	.00
47512.000	96.02	1.43	96.06	455.12	1020.24	1911.69	2108.07	.14	4857.75	5000.00	5054.51	5312.87
47729.000	94.63	.00	94.66	1573.41	1176.28	1734.79	2128.93	.00	.00	5000.00	5054.51	.00
47729.000	96.05	1.43	96.09	452.44	1005.77	1933.47	2100.76	.14	4859.48	5000.00	5054.51	5311.93
47730.000	94.65	.00	94.66	1574.43	1640.29	977.49	2422.23	.00	.00	5000.00	5054.51	.00
47730.000	96.08	1.42	96.10	414.35	1241.04	1181.33	2617.63	.24	4880.93	5000.00	5054.51	5295.28
47740.000	94.66	.00	94.67	1574.59	1640.38	977.42	2422.20	.00	.00	5000.00	5054.51	.00
47740.000	96.08	1.42	96.10	414.30	1240.96	1181.36	2617.68	.24	4880.95	5000.00	5054.51	5295.26
47741.000	94.65	.00	94.68	1574.39	1177.04	1733.57	2129.39	.00	.00	5000.00	5054.51	.00
47741.000	96.07	1.42	96.11	452.41	1006.45	1932.29	2101.27	.14	4859.48	5000.00	5054.51	5311.90
47794.000	94.66	.00	94.69	1566.27	1170.63	1743.84	2125.53	.00	.00	5000.00	5054.51	.00
47794.000	96.08	1.42	96.12	450.43	996.93	1946.44	2096.62	.15	4860.74	5000.00	5054.51	5311.16
47980.000	94.69	.00	94.72	1320.93	825.30	1487.61	2727.09	.00	.00	5000.00	5047.00	.00
47980.000	96.11	1.42	96.15	494.47	567.53	1655.47	2816.99	.15	4909.13	5000.00	5047.00	5403.60
48159.000	94.73	.00	94.77	1317.36	810.06	1520.63	2709.31	.00	.00	5000.00	5047.00	.00
48159.000	96.15	1.41	96.19	487.64	538.26	1697.94	2803.80	.16	4913.06	5000.00	5047.00	5400.70
48160.000	94.77	.00	94.77	1317.69	1609.72	656.15	3374.12	.00	.00	5000.00	5047.00	.00
48160.000	96.18	1.41	96.20	502.38	733.75	772.18	3534.07	.17	4905.05	5000.00	5047.00	5407.43
48170.000	94.77	.00	94.78	1317.72	1009.80	656.11	3374.08	.00	.00	5000.00	5047.00	.00
48170.000	96.18	1.41	96.20	502.36	733.73	772.19	3534.09	.17	4905.06	5000.00	5047.00	5407.42
48171.000	94.76	.00	94.79	1317.67	811.11	1518.34	2710.55	.00	.00	5000.00	5047.00	.00
48171.000	96.17	1.41	96.21	488.90	542.56	1693.14	2804.30	.15	4912.36	5000.00	5047.00	5401.26
48215.000	94.77	.00	94.80	1316.87	808.38	1524.28	2707.34	.00	.00	5000.00	5047.00	.00
48215.000	96.18	1.41	96.22	487.36	536.29	1701.82	2801.89	.16	4913.24	5000.00	5047.00	5400.60
48500.001	94.83	.00	94.88	1167.92	952.33	1836.62	2251.05	.00	.00	5000.00	5046.00	.00
43500.000	96.23	1.40	96.29	431.87	676.72	2044.65	2318.63	.17	4909.71	5000.00	5046.00	5341.58

SEONO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
48679.000	94.90	.00	94.96	1143.56	944.24	1868.03	2227.73	.00	.00	5000.00	5046.00	.00
48679.000	96.29	1.39	96.36	424.56	654.85	2028.85	2296.30	.17	4912.79	5000.00	5046.00	5337.35
48680.000	94.95	.00	94.97	1148.96	1408.70	1021.45	2609.85	.00	.00	5000.00	5046.00	.00
48680.000	96.33	1.38	96.37	376.13	709.64	1295.98	3034.39	.29	4936.16	5000.00	5046.00	5312.29
48690.000	94.96	.00	94.98	1149.57	1408.80	1021.12	2610.08	.00	.00	5000.00	5046.00	.00
48690.000	96.34	1.38	96.38	376.00	755.14	1282.18	3002.68	.29	4936.24	5000.00	5046.00	5312.25
48691.000	94.94	.00	95.00	1148.03	945.73	1862.11	2232.12	.00	.00	5000.00	5046.00	.00
48691.000	96.32	1.38	96.40	426.31	660.02	2079.47	2300.51	.17	4912.03	5000.00	5046.00	5338.34
48735.000	94.96	.00	95.02	1128.91	939.10	1887.94	2212.96	.00	.00	5000.00	5046.00	.00
48735.000	96.34	1.38	96.41	422.30	647.40	2111.19	2281.41	.17	4913.60	5000.00	5046.00	5335.90
48789.000	94.93	.00	95.10	1507.52	916.23	2500.56	1623.22	.00	.00	5000.00	5044.51	.00
48789.000	96.31	1.37	96.49	344.02	645.83	2793.12	1601.05	.19	4915.14	5000.00	5044.51	5259.16
48790.000	95.08	.00	95.13	1511.35	1460.10	1416.69	2133.21	.00	.00	5000.00	5044.51	.00
48790.000	96.44	1.36	96.53	336.10	968.60	1638.34	2433.06	.27	4918.79	5000.00	5044.51	5254.89
48800.000	95.10	.00	95.15	1511.59	1460.72	1414.83	2164.45	.00	.00	5000.00	5044.51	.00
48800.000	96.46	1.36	96.54	335.76	967.51	1637.94	2434.55	.28	4918.94	5000.00	5044.51	5254.70
48801.000	95.05	.00	95.20	1510.84	921.14	2477.42	1638.44	.00	.00	5000.00	5044.51	.00
48801.000	96.41	1.36	96.59	346.54	651.14	2765.46	1616.65	.18	4913.88	5000.00	5044.51	5260.42
48844.000	95.08	.00	95.24	1508.62	918.24	2494.66	1627.10	.00	.00	5000.00	5044.51	.00
48844.000	96.44	1.36	96.63	344.66	648.52	2787.61	1603.87	.18	4914.82	5000.00	5044.51	5259.48
48931.000	95.21	.00	95.31	1518.20	397.47	2344.85	2297.68	.00	.00	5000.00	5056.00	.00
48931.000	96.57	1.37	96.70	353.34	.00	2603.90	2436.10	.19	5000.00	5000.00	5056.00	5353.34
49150.000	95.36	.00	95.48	1513.01	360.13	2422.97	2256.90	.00	.00	5000.00	5056.00	.00
49150.000	96.71	1.35	96.85	339.99	.00	2714.42	2325.58	.20	5000.00	5000.00	5056.00	5339.99
49151.000	95.45	.00	95.50	1514.21	432.66	1493.27	3114.08	.00	.00	5000.00	5056.00	.00
49151.000	96.76	1.30	96.86	281.01	.00	1853.80	3186.20	.38	5000.00	5000.00	5056.00	5281.01
49158.000	95.47	.00	95.52	1514.35	433.71	1492.04	3114.24	.00	.00	5000.00	5056.00	.00
49158.000	96.77	1.30	96.88	280.74	.00	1853.71	3186.29	.38	5000.00	5000.00	5056.00	5280.75
49159.000	95.44	.00	95.56	1514.02	367.62	2407.12	2265.26	.00	.00	5000.00	5056.00	.00
49159.000	96.76	1.32	96.90	342.79	.00	2694.57	2345.43	.20	5000.00	5000.00	5056.00	5342.70
49213.000	95.48	.00	95.60	1513.27	362.08	2418.83	2259.09	.00	.00	5000.00	5056.00	.00
49213.000	96.80	1.32	96.94	340.70	.00	2712.93	2327.07	.20	5000.00	5000.00	5056.00	5340.70
49336.000	95.55	.00	95.82	871.38	23.94	2437.57	2578.48	.00	.00	5000.00	5041.00	.00
49336.000	96.84	1.29	97.16	222.79	.00	2752.31	2287.68	.19	5000.00	5000.00	5041.00	5222.79

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
49495.000	95.92	.00	96.18	874.98	25.82	2424.33	2589.85	.00	.00	5000.00	5041.00	.00
49495.000	97.19	1.27	97.50	223.68	.00	2736.33	2303.67	.19	5000.00	5000.00	5041.00	5223.68
49496.000	96.15	.00	96.23	884.49	47.33	1367.83	3624.84	.00	.00	5000.00	5041.00	.00
49496.000	97.36	1.22	97.54	213.81	.00	1699.74	3340.26	.30	5000.00	5000.00	5041.00	5213.81
49504.000	96.18	.00	96.27	885.68	48.29	1366.03	3625.68	.00	.00	5000.00	5041.00	.00
49504.000	97.40	1.22	97.57	213.80	.00	1698.40	3341.60	.30	5000.00	5000.00	5041.00	5213.81
49505.000	96.11	.00	96.35	882.83	29.98	2396.46	2613.56	.00	.00	5000.00	5041.00	.00
49505.000	97.34	1.24	97.63	226.42	.00	2695.90	2344.10	.19	5000.00	5000.00	5041.00	5226.42
49544.000	96.18	.00	96.42	884.65	30.95	2390.15	2618.89	.00	.00	5000.00	5041.00	.00
49544.000	97.41	1.23	97.70	226.98	.00	2687.46	2352.54	.19	5000.00	5000.00	5041.00	5226.98
49720.000	96.43	.00	96.70	856.38	27.45	3051.20	1961.35	.00	.00	5058.50	5103.50	.00
49720.000	97.67	1.25	97.98	205.72	.00	3337.71	1702.29	.16	5058.50	5058.50	5103.50	5264.22
50611.000	97.54	.00	98.63	380.75	185.98	4571.75	282.27	.00	.00	5005.00	5043.00	.00
50611.000	98.75	1.21	99.98	38.00	.00	5040.00	.00	.11	5005.00	5005.00	5043.00	5043.00
50762.000	97.97	.00	99.03	385.02	189.05	4564.29	286.66	.00	.00	5005.00	5043.00	.00
50762.000	99.27	1.30	100.46	38.00	.00	5040.00	.00	.11	5005.00	5005.00	5043.00	5043.00
50763.000	98.28	.00	99.11	400.68	395.88	4046.62	597.49	.00	.00	5005.00	5043.00	.00
50763.000	99.20	.92	100.55	38.00	.00	5040.00	.00	.20	5005.00	5005.00	5043.00	5043.00
50764.000	98.29	.00	99.12	400.82	396.06	4046.21	597.73	.00	.00	5005.00	5043.00	.00
50764.000	99.21	.92	100.56	38.00	.00	5040.00	.00	.20	5005.00	5005.00	5043.00	5043.00
50765.000	98.20	.00	99.22	396.69	197.46	4544.12	298.42	.00	.00	5005.00	5043.00	.00
50765.000	99.45	1.25	100.61	38.00	.00	5040.00	.00	.11	5005.00	5005.00	5043.00	5043.00
50773.000	98.96	.00	99.40	433.94	106.73	4932.47	.81	.00	.00	5000.00	5073.00	.00
50773.000	100.52	1.56	100.89	73.00	.00	5040.00	.00	.03	5000.00	5000.00	5073.00	5073.00
50796.000	98.77	.00	99.40	424.35	117.42	4457.55	465.03	.00	.00	5000.00	5046.01	.00
50796.000	101.80	3.03	102.22	73.00	.00	4425.86	614.14	.12	5000.00	5000.00	5046.01	5073.00
50841.000	99.26	.00	99.58	444.60	90.32	4528.58	441.10	.00	.00	5000.00	5073.00	.00
50841.000	102.02	2.76	102.32	73.00	.00	5040.00	.00	.14	5000.00	5000.00	5073.00	5073.00
51780.000	102.22	.00	102.62	1227.77	1288.46	2430.42	1321.13	.00	.00	5549.50	5574.50	.00
51780.000	104.21	1.99	104.57	386.22	961.48	2565.35	1513.17	.22	5415.77	5549.50	5574.50	5801.99
52505.000	105.60	.00	105.83	1236.29	1297.74	2125.51	1616.75	.00	.00	5549.50	5574.50	.00
52505.000	106.91	1.32	107.17	454.71	997.55	2326.46	1715.98	.20	5398.09	5549.50	5574.50	5852.79
53229.000	107.36	.00	107.80	605.03	490.49	3712.14	837.37	.00	.00	5001.00	5036.00	.00
53229.000	108.53	1.17	109.03	155.05	260.07	4062.07	717.86	.12	4964.90	5001.00	5036.00	5119.95

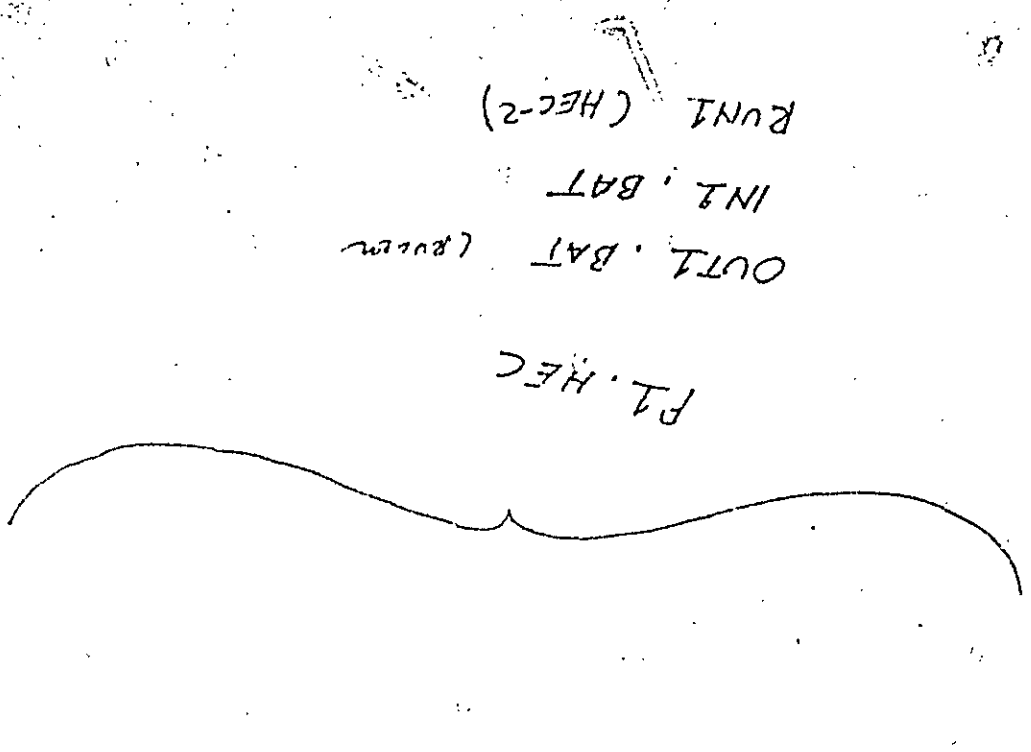
SECNO	CVSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
53372.000	107.82	.00	108.10	603.53	1048.74	3187.89	803.38	.00	.00	5001.00	5036.00	.00
53372.000	109.01	1.18	109.33	177.17	897.75	3494.13	648.12	.13	4937.22	5001.00	5036.00	5114.39
53373.000	108.07	.00	108.16	615.18	1590.05	2066.70	1383.26	.00	.00	5001.00	5036.00	.00
53373.000	109.28	1.21	109.31	202.81	1477.04	2260.55	1302.42	.15	4926.77	5001.00	5036.00	5129.59
53374.000	108.06	.00	108.17	615.24	1568.19	2208.27	1263.54	.00	.00	5001.00	5036.00	.00
53374.000	109.27	1.21	109.41	201.30	1462.47	2414.02	1163.50	.14	4926.29	5001.00	5036.00	5127.60
53375.000	107.98	.00	108.26	612.46	1018.45	3203.97	817.58	.00	.00	5001.00	5036.00	.00
53375.000	109.18	1.20	109.50	178.44	863.01	3507.76	669.23	.12	4937.74	5001.00	5036.00	5116.17
53398.000	108.00	.00	108.27	613.16	821.01	3444.11	774.88	.00	.00	5000.00	5041.00	.00
53398.000	109.19	1.20	109.52	177.97	640.86	3789.24	609.90	.13	4937.98	5000.00	5041.00	5115.95
53421.000	107.99	.00	108.27	612.96	820.58	3445.04	774.38	.00	.00	5000.00	5041.00	.00
53421.000	109.31	1.31	109.62	177.97	645.19	3780.32	614.49	.13	4937.98	5000.00	5041.00	5115.95
53460.000	108.03	.00	108.31	611.78	818.14	3450.36	771.50	.00	.00	5000.00	5041.00	.00
53460.000	109.33	1.31	109.66	176.80	640.15	3790.92	608.94	.13	4938.54	5000.00	5041.00	5115.34
53725.000	108.36	.00	108.51	511.07	652.98	3672.29	714.73	.00	.00	5322.50	5406.50	.00
53725.000	109.66	1.31	109.84	199.90	383.05	4179.39	477.56	.14	5280.21	5322.50	5406.50	5480.12

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SUMMARY OF ERRORS AND SPECIAL NOTES

FLOODWAY DATA, LOWER CREEK
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
36925.000	450.	5638.	1.6	77.9	77.1	.8
37179.000	500.	4779.	1.9	77.9	77.1	.8
37180.000	500.	4744.	1.9	78.1	77.2	.9
37181.000	500.	4744.	1.9	78.1	77.2	.9
37182.000	500.	4803.	1.9	78.1	77.2	.9
37228.000	550.	4963.	1.9	78.1	77.2	.9
37229.000	550.	3309.	2.8	78.1	77.1	1.0
37271.000	556.	3368.	2.7	78.3	77.5	.8
37272.000	556.	5066.	1.8	78.2	77.7	.5
37391.000	556.	5283.	1.7	78.4	77.8	.6
37391.000	477.	5518.	1.7	78.5	77.9	.6
38285.000	365.	3412.	2.7	78.7	78.1	.6
38286.000	365.	3159.	2.9	78.7	78.1	.6
38303.000	365.	3158.	2.9	78.7	78.1	.6
38304.000	365.	3423.	2.7	78.7	78.1	.6
38503.000	364.	3334.	2.8	78.9	78.2	.7
39628.000	142.	1612.	5.7	79.7	79.2	.5
39789.000	150.	1766.	5.2	80.6	79.8	.8
39821.000	150.	2153.	4.3	83.0	80.0	3.0
39860.000	155.	2189.	4.2	83.1	80.1	3.0
41713.000	70.	1081.	8.5	84.7	84.7	0.0
41988.000	79.	1121.	8.2	87.2	85.4	1.8
41989.000	314.	2221.	4.2	88.1	85.1	3.0
42021.000	217.	1579.	5.8	88.2	86.8	1.4
42022.000	187.	1751.	5.3	88.2	86.8	1.4
42090.000	193.	1798.	5.1	88.3	86.9	1.4
42387.000	91.	1382.	6.7	88.8	87.4	1.4
42662.000	106.	1483.	6.2	89.1	87.8	1.3
42663.000	205.	1604.	5.8	89.1	87.8	1.3
42716.000	218.	1806.	5.1	89.7	88.4	1.3
42717.000	139.	1725.	5.4	89.7	88.4	1.3
42785.000	142.	1736.	5.3	89.7	88.4	1.3
42846.000	183.	1889.	4.9	89.8	88.5	1.3
42847.000	224.	2228.	4.1	90.0	88.7	1.3
42848.000	224.	2228.	4.1	90.0	88.7	1.3
42849.000	204.	2116.	4.4	90.0	88.7	1.3
42889.000	204.	2114.	4.4	90.0	88.7	1.3
42898.000	217.	2441.	3.8	90.2	88.9	1.3
43173.000	215.	2413.	3.8	90.4	89.1	1.3
43174.000	249.	2240.	4.1	90.5	89.2	1.3
43206.000	252.	2301.	4.0	90.7	89.4	1.3
43207.000	223.	2517.	3.7	90.6	89.3	1.3
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FLOODWAY DATA, LOWER CREEK
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
43275.000	215.	2417.	3.8	90.7	89.4	1.3
43800.000	199.	2388.	3.9	91.1	89.9	1.2
43932.000	125.	2141.	4.3	91.3	90.1	1.2
44228.000	117.	1945.	4.2	91.5	90.3	1.2
44229.000	140.	2173.	4.2	91.7	90.5	1.2
44230.000	140.	2173.	4.2	91.7	90.5	1.2
44231.000	149.	2276.	4.1	91.6	90.4	1.2
44258.000	133.	2047.	4.5	91.6	90.4	1.2
44259.000	103.	958.	9.8	91.0	90.0	1.0
44300.000	137.	1760.	5.2	93.2	90.6	2.6
44301.000	130.	2214.	4.2	93.3	91.6	1.7
44356.000	129.	2202.	4.2	93.3	91.7	1.6
45040.000	530.	8435.	1.1	93.8	92.2	1.6
45497.000	516.	8094.	1.1	93.9	92.3	1.6
45522.000	516.	8280.	1.1	94.3	93.0	1.3
45636.000	269.	4846.	1.9	94.3	93.0	1.3
45770.000	355.	4505.	1.1	94.3	93.0	1.3
45874.000	343.	4359.	1.2	94.4	93.1	1.3
45875.000	356.	4496.	1.1	94.4	93.1	1.3
45885.000	356.	4497.	1.1	94.4	93.1	1.3
45886.000	344.	4383.	1.1	94.4	93.1	1.3
45919.000	346.	4433.	1.1	94.4	93.1	1.3
45920.000	354.	4526.	1.1	94.4	93.1	1.3
45921.000	354.	4526.	1.1	94.4	93.1	1.3
45922.000	346.	4448.	1.1	94.4	93.1	1.3
45944.000	345.	4425.	1.1	94.4	93.1	1.3
46220.000	391.	4274.	1.2	94.5	93.2	1.3
46375.000	388.	4150.	1.2	94.5	93.2	1.3
46376.000	398.	4172.	1.2	94.6	93.3	1.3
46383.000	398.	4173.	1.2	94.6	93.3	1.3
46384.000	390.	4185.	1.2	94.6	93.3	1.3
46422.000	389.	4132.	1.2	94.6	93.3	1.3
46636.000	165.	2585.	1.9	94.6	93.3	1.3
46763.000	165.	2761.	1.8	95.7	94.3	1.4
46831.000	187.	3017.	1.7	95.8	94.3	1.5
47250.000	342.	3861.	1.3	95.8	94.4	1.4
47425.000	339.	3758.	1.3	95.9	94.5	1.4
47426.000	331.	3554.	1.4	95.9	94.5	1.4
47453.000	331.	3555.	1.4	95.9	94.5	1.4
47434.000	340.	3785.	1.3	95.9	94.5	1.4
47477.000	340.	3762.	1.3	95.9	94.5	1.4
47512.000	455.	5173.	1.0	96.0	94.6	1.4

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FLOODWAY DATA, LOWER CREEK
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
47729.000	452.	5011.	1.0	96.0	94.6	1.4
47730.000	414.	4469.	1.1	96.1	94.7	1.4
47740.000	416.	4470.	1.1	96.1	94.7	1.4
47741.000	452.	5022.	1.0	96.0	94.6	1.4
47794.000	450.	4926.	1.0	96.1	94.7	1.4
47980.000	494.	5283.	1.0	96.1	94.7	1.4
48159.000	488.	4980.	1.0	96.1	94.7	1.4
48160.000	502.	4977.	1.0	96.2	94.8	1.4
48170.000	502.	4979.	1.0	96.2	94.8	1.4
48171.000	489.	5007.	1.0	96.2	94.8	1.4
48215.000	487.	4950.	1.0	96.2	94.8	1.4
48500.000	432.	4091.	1.2	96.2	94.8	1.4
48679.000	425.	3917.	1.3	96.3	94.9	1.4
48680.000	376.400	3401.	1.5	96.3	94.9	1.4
48690.000	376.400	3403.	1.5	96.4	95.0	1.4
48691.000	426.	3952.	1.3	96.3	94.9	1.4
48735.000	422.	3825.	1.3	96.4	95.0	1.4
48789.000	344.	2645.	1.9	96.3	94.9	1.4
48790.000	336.	2524.	2.0	96.5	95.1	1.4
48800.000	336.	2527.	2.0	96.5	95.1	1.4
48801.000	347.	2701.	1.9	96.4	95.0	1.4
48844.000	345.	2656.	1.9	96.5	95.1	1.4
48851.000	353.	2956.	1.7	96.6	95.2	1.4
49150.000	340.	2709.	1.9	96.7	95.4	1.3
49151.000	281.300	2155.	2.3	96.8	95.5	1.3
49158.000	281.	2157.	2.3	96.8	95.5	1.3
49159.000	343.	2749.	1.8	96.7	95.4	1.3
49213.000	341.	2709.	1.9	96.8	95.5	1.3
49336.000	223.	1740.	2.9	96.8	95.5	1.3
49495.000	224.	1763.	2.9	97.2	95.9	1.3
49496.000	214.	1626.	3.1	97.3	96.1	1.2
49504.000	214.	1631.	3.1	97.4	96.2	1.2
49505.000	226.	1819.	2.8	97.3	96.1	1.2
49544.000	227.	1831.	2.8	97.4	96.2	1.2
49720.000	206.	1804.	2.8	97.6	96.4	1.2
50611.000	38.	567.	8.9	98.7	97.5	1.2
50762.000	38.	574.	8.8	99.3	98.0	1.3
50763.000	38.	541.	9.3	99.2	98.3	.9
50764.000	38.	542.	9.3	99.2	98.3	.9
50765.000	38.	581.	8.7	99.4	98.2	1.2
50773.000	73.	1034.	4.9	100.6	99.0	1.6
50796.000	73.	1127.	4.5	101.8	98.8	3.0

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HIBENOW

 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

C
 T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK, 1973 FLOOD DATE: 01/31/86 4-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.001073	.00	.0	0.	79.680	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IGW	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
J5	LPRNT	MUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
J6	IHLQ	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	10.410	.000
QT	7.000	4700.000	6940.000	10240.000	13740.000	17270.000	27990.000	17270.000	.000	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.220	5790.000	.180	5950.000	.046	6015.000	.150	7010.000	.000

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATIONS.

QT VALUES REPRESENT THE FOLLOWING EVENTS.
 4-YR. 10-YR. 25-YR. 50-YR. 100-YR. 500-YR.
 1973. 1977.

LOWER CREEK.

X-SECTION LCA-1

X1	1750.000	19.000	5950.000	6015.000	.000	.000	.000	.000	.000	.000
X4	1.000	18.000	5790.000	.000	.000	.000	.000	.000	.000	.000
GR	40.000	5000.000	32.000	5030.000	28.000	5180.000	24.000	5440.000	20.000	5630.000
GR	20.000	5950.000	10.800	5953.000	9.800	5982.500	10.800	6012.000	20.000	6015.000
GR	20.000	6050.000	18.000	6235.000	20.000	6370.000	24.000	6460.000	28.000	6560.000
GR	28.000	6730.000	32.000	6875.000	36.000	6940.000	40.000	7010.000	.000	.000

NH	6.000	100.000	5555.000	.180	5785.500	.046	5873.500	.090	5950.000	.160
NH	6250.000	100.000	7245.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5472.000	6122.000

X-SECTION LCA

X1	3640.000	49.000	5785.500	5873.500	1830.000	1900.000	1890.000	.000	.000	.000
GR	40.000	5000.000	20.000	5040.000	19.000	5070.000	20.000	5085.000	21.000	5120.000
GR	23.000	5185.000	21.000	5225.000	20.000	5250.000	19.000	5280.000	20.000	5305.000
GR	21.000	5335.000	23.000	5410.000	22.000	5485.000	23.000	5555.000	22.000	5625.000
GR	23.000	5680.000	23.000	5745.000	23.900	5763.500	23.600	5785.500	13.600	5795.500
GR	13.000	5796.500	12.100	5808.500	11.800	5816.500	12.100	5833.500	13.000	5853.500
GR	13.200	5854.500	22.900	5873.500	21.000	5885.000	22.000	5950.000	22.000	6180.000
GR	21.000	6250.000	22.000	6290.000	20.000	6300.000	15.000	6315.000	20.000	6330.000
GR	22.000	6350.000	21.000	6420.000	21.000	6485.000	22.000	6565.000	22.000	6745.000
GR	23.000	6830.000	22.000	6910.000	22.000	7000.000	23.000	7075.000	24.000	7110.000
GR	28.000	7170.000	32.000	7195.000	36.000	7220.000	40.000	7245.000	.000	.000
NH	4.000	.100	5678.500	.046	5746.000	.120	5962.000	100.000	6377.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5653.000	6153.000

X-SECTION LCB

X1	4680.000	49.000	5678.500	5746.000	980.000	1410.000	1040.000	.000	.000	.000
GR	40.000	5000.000	38.000	5065.000	36.000	5090.000	36.000	5125.000	35.000	5202.000
GR	33.000	5288.000	36.000	5334.000	38.000	5372.000	40.000	5402.000	42.000	5449.000
GR	40.000	5500.000	38.000	5530.000	36.000	5560.000	32.000	5570.000	28.000	5600.000
GR	24.000	5630.000	21.000	5650.000	20.000	5663.000	22.000	5678.500	14.100	5684.500
GR	14.000	5685.500	13.400	5693.500	12.900	5703.500	12.900	5713.500	14.000	5714.500
GR	13.800	5718.500	16.000	5723.000	20.000	5734.000	21.000	5746.000	22.000	5797.000
GR	22.000	5850.000	23.000	5912.000	22.000	5962.000	22.000	6024.000	21.000	6076.000
GR	20.000	6117.000	24.000	6137.000	16.000	6147.000	24.000	6152.000	19.000	6182.000
GR	20.000	6212.000	21.000	6232.000	24.000	6272.000	24.000	6282.000	26.000	6287.000
GR	28.000	6320.000	32.000	6337.000	36.000	6359.000	40.000	6377.000	.000	.000
QT	7.000	4300.000	6320.000	9290.000	12420.000	15540.000	25160.000	15540.000	.000	.000
NH	4.000	.100	4980.000	.046	5095.000	.090	5490.000	.150	5830.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4960.000	5460.000

FIRST X-SECTION FOR BRIDGE # A

X1	5635.600	40.000	4980.000	5095.000	935.600	895.600	955.600	.000	.170	.000
GR	40.000	4520.000	36.000	4560.000	32.000	4665.000	30.000	4730.000	28.370	4830.000
GR	27.230	4850.000	26.690	4900.000	26.370	4950.000	22.000	4980.000	15.000	5000.000
GR	15.000	5000.010	14.700	5005.000	13.600	5007.500	13.700	5010.000	14.200	5015.000
GR	14.500	5020.000	13.700	5025.000	14.300	5030.000	14.900	5035.000	14.900	5035.010
GR	13.700	5036.300	13.700	5036.310	13.800	5040.000	14.100	5045.000	13.500	5050.000
GR	13.700	5055.000	14.000	5060.000	14.000	5065.000	13.700	5071.000	13.700	5071.010
GR	20.000	5095.000	21.000	5121.000	22.000	5171.000	22.000	5221.000	23.000	5271.000
GR	24.000	5380.000	24.000	5490.000	28.000	5650.000	36.000	5730.000	44.000	5830.000

GR	24,000	5380,000	24,000	5490,000	28,000	5650,000	36,000	5730,000	44,000	5830,000
NH	4,000	.180	4950,000	.046	5121,000	.090	5490,000	.150	5830,000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9,100	4970,000	5470,000

LAST X-SECTION FOR BRIDGE A.

X1	6011,400	.000	.000	.000	70,000	70,000	70,000	.000	.040	.000
HC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5,000	.150	5632,000	.090	5897,500	.046	5987,500	.080	6250,500	.120
NH	6492,500	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	10,410	.000	.000

X-SECTION LCC

X1	9750,000	40,000	5897,500	5987,500	3778,600	3568,600	3739,100	.000	.000	.000
GR	48,000	5000,000	44,000	5045,000	40,000	5070,000	36,000	5115,000	28,000	5195,000
GR	24,000	5228,000	23,000	5315,000	21,000	5395,000	23,000	5466,000	23,000	5575,000
GR	22,000	5632,000	23,000	5675,000	23,000	5750,000	24,000	5810,000	24,000	5840,000
GR	24,800	5862,500	25,000	5897,500	17,200	5913,500	17,000	5913,510	16,000	5917,500
GR	16,000	5932,500	16,000	5942,500	15,800	5964,500	17,000	5966,500	18,500	5966,500
GR	23,000	5987,500	24,000	5990,000	23,000	6030,000	23,000	6097,500	22,000	6174,500
GR	22,500	6250,500	21,000	6340,500	23,000	6367,500	24,000	6383,500	28,000	6392,500
GR	32,000	6406,500	36,000	6423,500	40,000	6433,500	44,000	6456,500	46,000	6492,500
NH	5,000	.150	4730,000	.120	5000,000	.046	5084,000	.080	5675,000	.120
NH	5875,000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X-SECTION ADDED, LCC-1

X1	11287,000	13,000	5000,000	5084,000	1600,000	1410,000	1537,000	.000	.000	.000
GR	48,000	4540,000	24,000	4640,000	24,000	4730,000	25,000	5000,000	18,860	5015,000
GR	17,660	5020,000	18,000	5060,000	20,860	5048,000	24,400	5084,000	24,000	5310,000
GR	24,000	5675,000	40,000	5825,000	48,000	5875,000	.000	.000	.000	.000
NH	4,000	100,000	4270,000	.110	5000,000	.046	5084,000	.180	5330,000	.000

X-SECTION ADDED, LCC-2

X1	13337,000	14,000	5000,000	5084,000	2190,000	1940,000	2050,000	.000	.000	.000
GR	48,000	2930,000	40,000	3060,000	32,000	3380,000	28,000	3940,000	28,000	4270,000
GR	29,620	5000,000	21,620	5015,000	20,620	5020,000	20,780	5060,000	23,620	5068,000
GR	27,220	5084,000	32,000	5120,000	40,000	5150,000	48,000	5340,000	.000	.000
NH	3,000	.140	5647,500	.046	5707,500	.150	6370,000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9,100	5280,000	5939,000

X-SECTION ADDED, LCC-3

NH	5.000	.150	5140.000	.110	5280.000	.046	5360.000	.100	6015.000	.150
NH	6105.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5150.000	5905.000

X-SECTION LCF

X1	23320.000	21.000	5280.000	5360.000	2020.000	1960.000	2130.000	.000	.000	.000
GR	60.000	5000.000	55.000	5035.000	50.000	5090.000	48.600	5140.000	45.000	5280.000
GR	40.000	5285.000	35.500	5289.000	35.000	5293.000	34.700	5303.000	34.300	5319.000
GR	34.300	5333.000	34.300	5342.000	35.000	5348.000	35.000	5350.000	40.000	5355.000
GR	45.000	5360.000	46.500	5525.000	47.500	5820.000	50.000	6015.000	55.000	6080.000
GR	60.000	6195.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	3.000	.150	5000.000	.046	5089.000	.160	6415.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5600.000

BOTTOM OF WATER FALLS

X1	24385.000	20.000	5000.000	5089.000	987.500	1307.500	1065.000	.000	.000	.000
GR	75.000	4619.000	70.000	4814.000	65.000	4919.000	60.000	4974.000	55.000	4994.000
GR	50.000	5000.000	34.890	5014.000	33.500	5025.000	33.480	5033.000	33.990	5042.000
GR	31.390	5051.000	31.790	5056.000	32.340	5061.000	34.890	5071.500	47.010	5089.000
GR	48.300	5275.000	49.100	5950.000	50.000	6350.000	55.000	6395.000	60.000	6415.000
NH	3.000	.150	5000.000	.046	5082.000	.160	6415.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5600.000

TOP OF WATER FALLS

X1	24390.000	18.000	5000.000	5082.000	5.000	5.000	5.000	.000	.000	.000
GR	75.000	4619.000	70.000	4814.000	65.000	4919.000	60.000	4974.000	55.000	4994.000
GR	50.000	5000.000	37.650	5015.000	36.810	5025.000	36.550	5045.000	37.210	5055.000
GR	37.550	5065.000	37.650	5076.500	47.400	5082.000	48.300	5275.000	49.100	5950.000
GR	50.000	6350.000	55.000	6395.000	60.000	6415.000	.000	.000	.000	.000
NH	3.000	.180	5440.000	.046	5534.000	.160	6015.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5200.000	5702.000

X-SECTION LCG

X1	25455.000	18.000	5440.000	5534.000	1147.500	997.500	1065.000	.000	.000	.000
GR	60.000	5000.000	55.000	5040.000	50.000	5072.000	49.200	5440.000	41.400	5451.000
GR	39.000	5456.000	37.000	5461.000	36.900	5470.000	38.400	5480.000	38.800	5493.000
GR	38.500	5500.000	39.000	5515.000	42.000	5520.000	48.000	5534.000	47.900	5550.000
GR	50.000	5705.000	55.000	5995.000	60.000	6015.000	.000	.000	.000	.000
NH	4.000	.150	5145.000	.046	5265.000	.095	5500.000	.200	6153.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5145.000	5710.000

X-SECTION LCH

X1	27385.000	25.000	5145.000	5265.000	1962.500	1775.000	1930.000	5145.000	42.500	5166.000
GR	70.000	5000.000	65.000	5114.000	55.000	5114.010	55.900	5145.000	42.500	5166.000
GR	41.800	5166.010	41.900	5181.000	42.100	5201.000	41.600	5214.000	42.500	5221.000
GR	43.500	5222.000	55.700	5239.000	55.700	5265.000	50.000	5275.000	45.000	5298.000
GR	50.000	5610.000	50.000	5646.000	45.000	5651.000	44.000	5675.000	45.000	5698.000
GR	49.800	5793.000	50.000	5910.000	55.000	6023.000	60.000	6083.000	65.000	6153.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	9.100	5840.000	5543.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4973.000	.000

FIRST X-SECTION FOR # C.

X1	27422.000	38.000	4991.000	5064.500	37.000	37.000	37.000	4845.000	55.970	4855.000
GR	75.000	4800.000	70.000	4810.000	65.000	4825.000	60.000	4845.000	48.620	4999.990
GR	55.470	4903.000	56.010	4934.000	53.370	4991.000	50.070	4996.500	42.870	5015.000
GR	46.770	5000.000	46.060	5002.720	45.470	5005.000	42.870	5010.000	41.570	5040.000
GR	42.470	5020.000	42.270	5025.000	41.870	5030.000	38.880	5050.010	49.270	5055.000
GR	43.870	5045.000	46.280	5048.890	46.970	5050.000	45.300	5118.000	54.100	5150.000
GR	50.000	5064.500	52.000	5084.000	54.000	5096.000	55.300	5118.000	50.000	5620.000
GR	50.000	5400.000	50.000	5510.000	50.000	5540.000	45.000	5560.000	50.000	5620.000
GR	55.000	5720.000	60.000	5800.000	65.000	5840.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	9.100	5840.000	5543.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.020	.000
X1	27605.000	.000	.000	.000	208.000	333.000	183.000	.000	50.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	53.370	50.000	.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	9.110	5840.000	5543.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4973.000	.000

BRIDGE # C. SEWAGE TREATMENT PLANT.

X1	27606.000	.000	75.000	75.000	1.000	1.000	1.000	4825.000	65.000	65.000
BT	-38.000	4800.000	60.000	60.000	4810.000	70.000	70.000	4825.000	65.000	65.000
BT	.000	4845.000	56.010	56.010	4855.000	55.970	55.970	4903.000	55.470	55.470
BT	.000	4934.000	48.620	48.620	4991.000	53.370	53.370	4996.500	50.070	50.070
BT	.000	4999.990	48.700	48.700	5000.000	48.620	46.770	5002.720	48.660	46.060
BT	.000	5005.000	48.820	46.100	5010.000	48.750	46.150	5015.000	48.780	46.180
BT	.000	5020.000	48.880	46.220	5025.000	48.870	46.170	5030.000	48.880	46.280
BT	.000	5035.000	48.880	46.120	5040.000	48.900	46.300	5045.000	48.900	46.300
BT	.000	5048.890	49.270	46.280	5050.000	48.880	50.000	5050.010	48.880	48.880
BT	.000	5055.000	59.970	54.000	5064.500	55.270	55.300	5084.000	56.200	52.000
BT	.000	5096.000	50.000	50.000	5118.000	50.000	50.000	5150.000	54.100	54.100
BT	.000	5400.000	45.000	45.000	5510.000	50.000	50.000	5540.000	50.000	50.000
BT	.000	5560.000	60.000	60.000	5620.000	65.000	65.000	5720.000	55.000	55.000
BT	.000	5800.000	60.000	60.000	5840.000	65.000	65.000	5840.000	65.000	65.000

LAST X-SECTION FOR #C.

NH	4.000	-.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4973.000	5543.000
X1	27614.000	.000	.000	.000	8.000	.000	8.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	27615.000	.000	.000	.000	1.000	.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	53.370	50.000	.000
QT	7.000	3930.000	5790.000	8520.000	14180.000	23150.000	14180.000	.000	5840.000	.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4973.000	5543.000

FIRST X-SECTION FOR PIPE U/S OF S.T.P.

X1	27660.000	.000	.000	.000	45.000	45.000	45.000	.000	.070	.000
NC	.100	-.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4990.000	5535.000

PIPE, U/S OF THE SEWAGE TREATMENT PLANT

X1	28654.000	23.000	5000.000	5092.000	963.670	1011.160	994.000	.000	.400	.000
GR	75.000	4942.000	70.000	4997.000	65.000	4972.000	60.000	4987.000	55.000	5003.000
GR	49.400	5016.000	48.730	5016.010	44.630	5027.000	44.020	5035.000	44.260	5050.000
GR	43.460	5060.000	43.920	5072.000	44.630	5080.000	49.210	5085.000	49.880	5085.010
GR	54.980	5092.000	54.000	5350.000	53.000	5512.000	55.000	5792.000	60.000	5837.000
GR	65.000	5887.000	70.000	5907.000	75.000	5967.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5560.000
X1	28729.000	.000	.000	.000	275.000	275.000	275.000	.000	49.400	.000
X3	10.000	.000	.000	.000	.000	.000	.000	49.400	49.880	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	5000.000	5560.000

PIPE, U/S OF THE SEWAGE TREATMENT PLANT

X1	28930.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-23.000	4942.000	75.000	4957.000	70.000	70.000	70.000	4972.000	65.000	49.400
BT	.000	4987.000	60.000	5000.000	55.000	55.000	55.000	5016.000	49.400	48.580
BT	.000	5016.010	49.400	5024.000	49.290	48.620	48.620	5035.000	49.130	48.850
BT	.000	5050.000	48.920	48.550	48.550	49.190	48.520	5072.000	49.520	49.880
BT	.000	5080.000	49.740	49.070	49.880	49.880	49.210	5085.010	49.880	53.000
BT	.000	5092.090	54.980	5350.000	54.000	54.000	54.000	5512.000	53.000	55.000
BT	.000	5792.000	55.000	5837.000	60.000	60.000	60.000	5887.000	65.000	65.000
BT	.000	5907.000	70.000	5967.000	75.000	75.000	75.000	.000	.000	.000

NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	5000.000	5560.000
X1	28931.000	.000	.000	.000	.670	.670	.670	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5560.000
X1	28932.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	49.400	49.880	.000
QT	7.000	3830.000	5640.000	8310.000	11140.000	13840.000	22620.000	13840.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5560.000

LAST X-SECTION FOR PIPE U/S OF S.T.P.

X1	28999.000	.000	.000	.000	67.000	67.000	67.000	.000	.110	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	3.000	.150	5004.000	.048	5107.000	.180	6050.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5004.000	5604.000

X-SECTION ADDED, LCI-1

X1	29965.000	12.000	5004.000	5107.000	660	844.160	966.000	.000	.000	.000
GR	91.000	4340.000	72.720	4540.010	76.300	4780.000	57.400	5004.000	51.400	5018.000
GR	41.400	5026.000	45.800	5034.000	45.410	5050.000	45.210	5060.000	46.000	5072.000
GR	47.200	5078.000	48.600	5081.000	53.600	5086.000	54.600	5091.000	57.000	5107.000
GR	54.000	5330.000	55.000	5800.000	60.000	5840.000	65.000	5880.000	70.000	5915.000
GR	75.000	5950.000	85.000	6050.000	.000	.000	.000	.000	.000	.000
NH	3.000	.150	5236.000	.048	5327.000	.180	5830.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5236.000	5606.000

X-SECTION LCI

X1	31000.000	19.000	5236.000	5327.000	1075.000	1055.000	1035.000	.000	.000	.000
GR	75.000	5000.000	70.000	5205.000	65.000	5215.000	60.000	5229.000	56.130	5236.000
GR	48.000	5249.000	47.240	5254.000	47.140	5262.000	46.790	5282.000	48.000	5292.000
GR	50.000	5300.000	55.000	5305.000	57.640	5327.000	60.000	5360.000	60.000	5585.000
GR	60.000	5720.000	65.000	5775.000	70.000	5800.000	75.000	5830.000	.000	.000
NH	3.000	.150	5065.000	.048	5165.000	.180	5650.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5065.000	5395.000

X-SECTION #2 FROM C.D.E. NOV. 1977 RECONNAISSANCE STUDY

X1	31300.000	15.000	5065.000	5165.000	275.000	337.500	300.000	.000	.000	.000
GR	90.000	4910.000	75.000	4911.000	75.000	4950.000	69.000	5000.000	67.300	5065.000
GR	46.200	5090.000	48.000	5120.000	46.000	5140.000	46.500	5150.000	60.200	5165.000
GR	58.700	5200.000	58.000	5300.000	60.000	5525.000	65.000	5570.000	80.000	5650.000

QT	7.000	3380.000	4970.000	7320.000	9800.000	12190.000	19880.000	12190.000	.000	.000
NH	4.000	.150	5000.000	.048	5075.000	.085	5540.000	.200	6000.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5385.000

FIRST X-SECTION FOR BRIDGE D

X1	32381.000	24.000	5000.000	5075.000	1000.500	1225.500	1081.000	.000	.130	.000
GR	74.870	4766.500	70.000	4920.000	65.000	5000.000	60.000	5015.000	55.000	5025.000
GR	52.200	5030.000	48.600	5033.770	47.700	5037.550	48.810	5038.080	46.100	5041.320
GR	47.500	5045.100	48.900	5049.330	48.300	5050.610	50.500	5052.650	50.800	5056.420
GR	52.600	5058.910	55.800	5059.900	56.700	5060.200	60.000	5075.000	60.000	5300.000
GR	60.000	5520.000	65.000	5540.000	70.000	5580.000	75.000	6000.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	3.000	.150	5000.000	.048	5183.000	.085	5426.500	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5235.000
X1	32692.000	48.000	5000.000	5083.000	311.000	311.000	311.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	68.550	71.410	.000
GR	75.900	4766.500	70.840	4970.000	62.000	5000.000	61.200	5002.000	61.200	5002.010
GR	61.100	5005.000	61.300	5010.000	58.400	5014.500	57.100	5014.940	57.100	5014.950
GR	57.100	5015.800	57.100	5015.810	55.400	5020.000	53.700	5025.000	52.600	5027.690
GR	52.600	5027.700	50.900	5028.550	50.900	5028.560	50.200	5030.000	48.600	5035.000
GR	47.700	5040.000	48.100	5040.690	43.100	5040.700	48.100	5041.550	48.100	5041.560
GR	46.100	5045.000	47.500	5050.000	48.300	5056.440	48.300	5056.450	48.300	5057.300
GR	48.300	5057.310	50.500	5060.000	50.800	5065.000	52.600	5068.290	52.600	5068.300
GR	52.600	5069.150	52.600	5069.160	56.700	5070.000	60.000	5075.000	61.300	5080.000
GR	63.300	5080.390	63.300	5080.400	64.000	5083.000	71.150	5133.000	71.410	5183.000
GR	71.600	5233.000	71.410	5283.000	75.000	5426.500	.000	.000	.000	.000
NH	3.000	.150	5000.000	.048	5183.000	.085	5426.500	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4990.000	5090.000

BRIDGE D. SOUTHERN R.R. AT BROYHILL.

X1	32693.000	48.000	5000.000	5083.000	1.000	1.000	1.000	.000	.000	.000
BT	48.000	4766.500	75.000	75.000	4970.000	70.840	70.840	5000.000	71.060	62.000
BT	.000	5002.000	71.070	61.200	5002.010	71.070	68.550	5005.000	71.090	68.550
BT	.000	5010.000	71.090	68.560	5014.500	71.100	68.560	5014.940	71.100	68.560
BT	.000	5014.950	71.100	57.100	5015.800	71.100	57.100	5015.810	71.100	68.560
BT	.000	5020.000	71.110	68.570	5025.000	71.120	68.590	5027.690	71.120	68.600
BT	.000	5027.700	71.120	52.600	5028.550	71.120	50.900	5028.560	71.120	68.600
BT	.000	5030.000	71.120	68.600	5035.000	71.120	68.590	5040.000	71.140	68.590
BT	.000	5040.690	71.140	68.590	5040.700	71.140	48.100	5041.550	71.130	48.100
BT	.000	5041.560	71.130	68.590	5045.000	71.110	68.590	5050.000	71.110	68.590
BT	.000	5056.440	71.110	68.590	5056.450	71.110	48.300	5057.300	71.110	48.300
BT	.000	5057.310	71.110	68.590	5060.000	71.110	68.590	5065.000	71.110	68.590
BT	.000	5068.290	71.120	68.600	5068.300	71.120	52.600	5069.150	71.120	52.600
BT	.000	5069.160	71.120	68.600	5070.000	71.120	68.600	5075.000	71.110	68.590
BT	.000	5080.000	71.070	68.590	5080.390	71.060	68.590	5080.400	71.060	63.300
BT	.000	5083.000	71.030	64.000	5133.000	71.150	71.150	5183.000	71.410	71.410
BT	.000	5233.000	71.600	71.600	5283.000	71.410	71.410	5426.500	75.000	75.000
GR	75.000	4766.500	70.840	4970.000	62.000	5000.000	61.200	5002.000	61.200	5002.010

LAST X-SECTION FOR D.
FIRST X-SECTION FOR E.

GR	61,100	5005,000	61,300	5010,000	58,400	5014,500	57,400	5014,940	57,100	5014,950
GR	57,100	5015,800	57,100	5015,810	55,400	5020,000	53,700	5025,000	52,600	5027,690
GR	52,600	5027,700	50,900	5028,550	50,900	5028,560	50,200	5030,000	48,600	5035,000
GR	47,700	5040,000	48,100	5040,690	48,100	5040,700	48,100	5041,550	48,100	5041,560
GR	46,100	5045,000	47,500	5050,000	48,300	5056,440	48,300	5056,450	48,300	5057,300
GR	48,300	5057,310	50,500	5060,000	50,800	5065,000	52,600	5068,290	52,600	5068,300
GR	52,600	5069,150	52,600	5069,160	56,700	5070,000	60,000	5075,000	61,300	5080,000
GR	63,300	5080,390	63,300	5080,400	64,000	5083,000	71,150	5133,000	71,410	5183,000
GR	71,600	5233,000	71,410	5233,000	75,000	5426,500	71,000	5426,500	71,000	5426,500
NH	3,000	.150	5000,000	.048	5183,000	.085	5426,500	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	32718,000	.000	.000	.000	25,000	25,000	25,000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1,000	.000	.000	.000
NH	3,000	.150	5000,000	.048	5183,000	.085	5426,500	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	32719,000	.000	.000	.000	1,000	1,000	1,000	.000	.000	.000
X3	10,000	.000	.000	.000	.000	.000	.000	69,550	.000	.000
NH	3,000	.110	5010,000	.048	5070,000	.085	5090,000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	32796,000	20,000	5010,000	5070,000	77,000	77,000	77,000	9,100	54,500	5030,000
GR	75,000	4999,000	70,000	5000,000	65,000	5010,000	60,000	5020,000	54,500	5030,000
GR	50,900	5033,770	50,000	5037,550	51,110	5038,080	48,400	5041,320	49,800	5045,100
GR	51,200	5049,330	50,600	5050,610	52,800	5052,650	53,100	5056,420	54,900	5058,910
GR	58,100	5059,900	59,000	5060,200	65,000	5070,000	70,000	5085,000	75,000	5090,000
NH	4,000	.000	5000,000	.048	5135,510	.085	5900,000	.200	6862,500	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	32875,000	48,000	5000,000	5135,510	80,850	55,850	79,000	9,100	5000,000	5135,510
X3	10,000	.000	.000	.000	.000	.000	.000	71,680	.000	.000
X4	1,000	80,000	4465,000	.000	.000	.000	.000	.000	.000	.000
GR	85,000	4317,500	75,000	4695,000	70,000	4750,000	65,000	4800,000	57,400	5000,000
GR	57,400	5000,010	55,600	5005,000	51,500	5010,000	50,900	5015,000	51,500	5020,000
GR	51,700	5025,000	51,600	5030,000	52,000	5035,000	52,100	5040,000	52,500	5044,000
GR	52,500	5044,010	52,500	5045,500	52,500	5045,510	51,500	5050,000	52,100	5055,000
GR	52,000	5060,000	52,200	5065,000	52,900	5070,000	52,700	5075,000	52,400	5080,000
GR	52,100	5085,000	51,800	5089,000	51,800	5089,010	51,800	5090,500	51,800	5090,510
GR	52,200	5095,000	55,600	5100,000	57,400	5105,000	58,400	5110,000	60,100	5115,000
GR	61,800	5120,000	63,700	5125,000	65,000	5130,000	65,000	5135,000	65,000	5135,500
GR	65,000	5135,510	65,000	5169,000	66,000	5219,000	67,000	5269,000	70,000	5319,000
GR	72,000	5900,000	76,400	6350,000	80,000	6862,500	.000	.000	.000	.000
NH	4,000	.150	5000,000	.048	5135,510	.085	5900,000	.200	6862,500	.000
SB	1,050	1,560	2,600	.000	20,887	2,000	2043,000	1,420	50,900	50,900
ET	.000	.000	.000	.000	.000	.000	.000	9,100	5000,000	5135,510

PIPE 25' U/S FORM COMPLEX ST. BRIDGE

X1	32932.000	.000	.000	.000	1.000	1.000	.000	.000	.000	.000
BT	-20.000	4465.000	80.000	80.000	4695.000	75.000	75.000	4750.000	70.000	10.000
BT	.000	4800.000	65.000	65.000	5000.000	57.110	57.110	5000.010	57.110	56.440
BT	.000	5105.000	57.110	56.440	5105.010	57.110	57.110	5115.000	60.100	60.100
BT	.000	5120.000	61.800	61.800	5125.000	63.700	63.700	5130.000	65.700	65.700
BT	.000	5135.000	65.000	65.000	5135.510	65.000	65.000	5169.000	65.000	65.000
BT	.000	5219.000	66.000	66.000	5269.000	67.000	67.000	5319.000	70.000	70.000
BT	.000	5900.000	72.000	72.000	6350.000	76.400	76.400	.000	.000	.000
NH	4.000	.150	5000.000	.048	5105.010	.085	5900.000	.200	6862.500	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5105.010
X1	32933.000	.000	.000	.000	.670	.670	.670	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	4.000	.150	5000.000	.048	5105.010	.085	5900.000	.200	6862.500	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5105.010
X1	32934.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	57.110	57.110	.000
NH	4.000	.150	5000.000	.048	5105.010	.085	5900.000	.200	6862.500	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5105.010

LAST X-SECTION FOR PIPE

X1	33041.000	.000	.000	.000	107.000	107.000	107.000	.000	.570	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.150	5280.000	.110	5905.000	.048	5960.000	.180	6770.000	.200
NH	7570.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5630.000	6020.000

X-SECTION LCJ

X1	33660.000	18.000	5905.000	5975.000	750.180	412.680	619.000	.000	.000	.000
X4	1.000	75.030	5000.000	.000	.000	.000	.000	.000	.000	.000
GR	80.000	4960.000	70.000	5027.000	65.000	5057.000	62.000	5280.000	69.000	5905.000
GR	57.600	5924.000	55.270	5925.000	54.050	5930.000	54.030	5940.000	53.750	5950.000
GR	55.270	5959.000	63.950	5940.000	72.000	5975.000	70.000	6027.000	70.000	6470.000
GR	70.000	6720.000	75.000	6770.000	80.000	7570.000	.000	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	5088.000	.085	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4650.000	5100.000

FIRST X-SECTION FOR PIPE O/S OF FAIRVIEW

X1	33995.000	21.000	5000.000	5089.000	335.000	335.000	335.000	.000	.120	.000
X4	2.000	64.880	4794.000	70.220	5194.000	.000	.000	.000	.000	.000
GR	80.000	4346.000	75.000	4376.000	70.000	4396.000	65.000	4451.000	65.000	4861.000
GR	66.000	4936.000	69.000	5000.000	63.140	5010.000	62.470	5010.010	54.640	5019.000
GR	54.100	5037.000	54.020	5047.000	54.640	5063.000	63.040	5073.000	63.710	5073.010
GR	72.000	5088.000	70.000	5216.000	70.000	5806.000	73.000	5866.000	75.000	5956.000
GR	80.000	6326.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	5088.000	.085	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4650.000	5100.000
X1	34246.000	.000	.000	.000	251.000	251.000	251.000	.000	.120	.000
X3	10.000	.000	.000	.000	.000	.000	.000	63.140	63.710	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	5088.000	.085	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4650.000	5100.000

PIPE D/S OF FAIRVIEW

X1	34247.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-21.000	4346.000	80.000	80.000	4376.000	75.000	75.000	4396.000	70.000	70.000
BT	.000	4451.000	65.000	65.000	4861.000	65.000	65.000	4936.000	66.000	66.000
BT	.000	5000.000	69.000	69.000	5010.000	63.140	63.140	5010.010	63.140	62.470
BT	.000	5019.000	63.220	62.550	5037.000	65.380	62.710	5047.000	63.470	62.800
BT	.000	5063.000	63.620	62.950	5073.000	63.710	63.040	5073.010	63.710	63.710
BT	.000	5088.000	72.000	72.000	5216.000	70.000	70.000	5806.000	70.000	70.000
BT	.000	5866.000	73.000	73.000	5956.000	75.000	75.000	6326.000	80.000	80.000
NH	5.000	.180	4794.000	.110	5000.000	.048	5088.000	.085	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4650.000	5100.000
X1	34248.000	.000	.000	.000	.670	.670	.670	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	5088.000	.085	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4650.000	5100.000
X1	34249.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	63.140	63.710	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	5088.000	.085	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4650.000	5110.000

LAST X-SECTION FOR PIPE D/S OF FAIRVIEW

X1	34311.000	.000	.000	.000	62.000	62.000	.000	.070	.000
MC	.100	.100	.050	.100	.000	.000	.000	.000	.000
MH	5.000	100.000	4850.000	.120	5000.000	.048	.180	5127.000	100.000
M'	6163.690	.000	.000	.000	.000	.000	.000	.000	.000
E:	.000	.000	.000	.000	.000	.000	9.100	4725.000	5185.000
FIRST X-SECTION FOR #F									
X1	34784.000	45.000	5000.000	5077.200	385.830	598.330	.000	.350	.000
X4	1.000	84.650	4590.000	.000	.000	.000	.000	.000	.000
GR	90.000	4458.600	73.800	4690.000	70.000	4800.000	4850.000	70.000	4900.000
GR	65.000	4950.000	61.500	5000.000	61.500	5000.010	5001.000	61.500	5001.010
GR	61.500	5002.800	61.500	5002.810	61.506	5005.000	5010.000	59.600	5015.000
GR	59.300	5020.000	56.400	5025.000	56.000	5030.000	5035.000	55.000	5037.500
GR	55.000	5037.510	55.000	5038.250	55.000	5038.260	5039.250	55.000	5039.260
GR	55.000	5040.000	55.000	5040.010	55.100	5045.000	5050.000	55.700	5055.000
GR	56.300	5060.000	56.800	5065.000	57.000	5069.100	5069.110	57.000	5071.000
GR	57.000	5071.010	60.000	5077.200	60.000	5077.210	5127.000	70.000	5177.000
GR	70.000	5227.000	70.000	5277.000	73.000	5500.000	5590.000	80.000	6163.600
MC	.000	.000	.000	.300	.500	.000	.000	.000	.000
MH	4.000	100.000	4850.000	.120	5000.000	.048	.180	6163.600	.000
ET	.000	.000	.000	.000	.000	.000	9.100	4810.000	5270.000
X1	35069.000	.000	.000	.000	285.000	285.000	.000	.350	.000
X3	10.000	.000	.000	.000	.000	.000	70.850	70.690	.000
MH	4.000	100.000	4850.000	.120	5000.000	.048	.180	6163.600	.000
SB	1.250	1.560	2.600	.000	42.843	1.000	1.099	55.000	55.000
ET	.000	.000	.000	.000	.000	.000	9.110	4810.000	5270.000

BRIDGE F. FAIRVIEW DR.

SPECIAL BRIDGE. ELLC = 67.36 ELTRD = 70.69

X1	35101.000	.000	.000	.000	32.000	32.000	.000	.000	.000
X2	.000	.000	1.000	67.360	70.690	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	70.850	70.690	.000
BT	-46.000	4458.600	90.000	90.000	4590.000	85.000	4690.000	80.000	73.000
BT	.000	4800.000	75.560	70.000	4850.000	73.770	4900.000	72.410	70.000
BT	.000	4950.000	71.490	66.000	5000.000	70.850	5000.010	73.360	61.500
BT	.000	5001.000	73.360	61.500	5001.010	73.360	5002.800	73.360	65.530
BT	.000	5002.810	73.360	67.360	5005.000	73.350	5010.000	73.340	67.360
BT	.000	5015.000	73.350	67.360	5020.000	73.340	5025.000	73.340	67.360
BT	.000	5030.000	73.320	67.360	5035.000	73.320	5037.500	73.320	67.360
BT	.000	5037.510	73.320	65.530	5038.250	73.330	5038.260	73.330	55.000
BT	.000	5039.250	73.340	55.000	5039.260	73.340	5040.000	73.340	65.530
BT	.000	5040.010	73.340	67.360	5045.000	73.360	5050.000	73.360	67.360
BT	.000	5055.000	73.350	67.360	5060.000	73.320	5065.000	73.300	67.360
BT	.000	5069.100	73.300	67.360	5069.110	73.300	5071.000	73.300	65.530
BT	.000	5071.010	73.300	57.000	5077.200	73.290	5077.210	70.690	60.000
BT	.000	5127.000	70.800	65.000	5177.000	71.110	5227.000	70.000	70.000
BT	.000	5277.000	71.480	70.000	5500.000	73.000	5590.000	76.000	76.000
BT	.000	6163.600	80.000	80.000	.000	.000	.000	.000	.000

NH	4.000	100.000	4850.000	.120	5000.000	.048	5077.200	.150	6163.600	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4860.000	5320.000

LAST X-SECTION FOR #F.

X1	35171.000	.000	.000	.000	70.500	70.500	70.500	.000	.190	.000
QT	7.000	2600.000	3810.000	5590.000	7480.000	9330.000	15130.000	9330.000	.000	.000
KC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	5510.000	.110	5660.000	.048	5730.000	.085	5920.000	100.000
NH	7035.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5425.000	5885.000

X-SECTION #8 FROM C.O.E. NOV. 1977 RECONNAISSANCE STUDY

X1	35310.000	15.000	5660.000	5730.000	139.000	139.000	139.000	.000	.000	.000
GR	86.000	5000.000	71.200	5020.000	67.300	5100.000	67.500	5220.000	64.600	5235.000
GR	63.300	5300.000	65.000	5510.000	65.600	5660.000	57.500	5675.000	56.000	5700.000
GR	57.100	5725.000	68.000	5730.000	76.000	5920.000	75.000	6180.000	80.000	7035.000
NH	5.000	.150	5130.000	.110	5415.000	.048	5579.000	.085	6090.000	100.000
NH	7229.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5167.000	5647.000

X-SECTION LCK

X1	35460.000	25.000	5415.000	5579.000	149.500	124.500	150.000	.000	.000	.000
X4	1.000	80.000	5000.000	.000	.000	.000	.000	.000	.000	.000
GR	85.000	4927.000	75.000	5025.000	70.000	5060.000	68.000	5130.000	65.000	5415.000
GR	60.240	5504.000	58.040	5512.000	57.000	5520.000	56.390	5524.000	55.800	5532.000
GR	56.270	5541.000	55.940	5550.000	56.190	5557.000	57.000	5560.000	58.190	5566.000
GR	65.440	5579.000	65.540	5594.000	70.000	6072.000	75.000	6090.000	75.000	6260.000
GR	78.000	6769.990	88.000	6770.000	88.000	6920.000	79.000	6920.010	80.000	7229.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000

FIRST X-SECTION FOR # G.

X1	35829.000	34.000	4988.000	5063.000	368.000	293.000	369.000	.000	.330	.000
X4	1.000	79.670	4560.000	.000	.000	.000	.000	.000	.000	.000
GR	85.000	4165.500	75.000	4800.000	70.000	4940.000	66.200	4988.000	66.200	4988.010
GR	65.300	4992.700	65.300	4992.710	63.600	5000.000	60.200	5005.000	59.500	5010.000
GR	58.970	5015.000	57.300	5015.010	57.200	5020.000	57.500	5025.000	57.500	5030.000
GR	57.000	5035.000	57.300	5040.000	57.500	5045.000	58.200	5050.000	59.000	5052.000
GR	59.100	5052.010	61.000	5055.000	65.400	5060.000	69.300	5063.000	72.500	5102.000
GR	73.100	5152.000	73.390	5187.000	76.000	5420.000	77.000	5590.000	77.000	5639.990
GR	95.000	5640.000	95.000	5940.000	78.000	5940.010	80.000	7060.000	.000	.000

NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000
X1	36028.000	.000	.000	.000	199.000	199.000	199.000	.000	.330	.000
X3	10.000	.000	.000	.000	.000	.000	.000	63.600	69.300	.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4688.000	5138.000

BRIDGE G. STEEL WALKING PIPE (STEEL STRUCTURE)

X1	36029.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-32.000	4165.500	85.000	85.000	4560.000	80.000	80.000	4800.000	75.000	75.000
BT	.000	4940.000	70.000	70.000	4988.000	66.200	66.200	4988.010	68.580	66.200
BT	.000	4992.700	68.380	65.300	4992.710	65.300	65.300	5000.000	65.250	63.600
BT	.000	5005.000	66.350	60.200	5010.000	68.100	59.500	5015.000	68.100	58.970
BT	.000	5015.010	68.100	58.970	5020.000	68.100	58.990	5025.000	68.120	59.000
BT	.000	5030.000	68.230	59.020	5035.000	68.390	59.030	5040.000	68.550	59.050
BT	.000	5045.000	68.040	59.070	5050.000	66.300	59.090	5052.000	65.610	59.100
BT	.000	5052.010	65.610	59.100	5055.000	65.610	61.000	5060.000	65.610	65.430
BT	.000	5063.000	69.300	69.300	5072.000	72.500	72.500	5152.000	73.100	73.100
BT	.000	5187.000	73.390	73.390	5220.000	76.000	76.000	5590.000	77.000	77.000
BT	.000	5639.990	77.000	77.000	5640.000	95.000	95.000	.000	.000	.000

NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4688.000	5138.000
X1	36043.000	.000	.000	.000	14.000	14.000	14.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000
X1	36044.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	63.600	69.300	.000

NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000

LAST X-SECTION FOR G.

X1	36093.000	.000	.000	.000	49.000	49.000	49.000	.000	.190	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.150	5900.000	.110	6035.000	.048	6112.000	.085	6300.000	100.000
NH	6820.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5645.000	6105.000

X-SECTION #9 FROM C.O.E. NOV. 1977 RECONNAISSANCE STUDY

X1	36260.000	16.000	6035.000	6112.000	167.000	142.000	167.000	.000	.000	.000
GR	83.000	5400.000	80.000	5580.000	75.000	5720.000	65.200	5800.000	66.000	5900.000
GR	66.600	6000.000	68.200	6035.000	57.100	6045.000	56.900	6069.000	57.600	6093.000
GR	72.700	6112.000	77.700	6125.000	77.600	6300.000	76.600	6400.000	76.400	6500.000
GR	78.000	6820.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	.150	4742.500	.110	5000.000	.048	5073.000	.085	5400.000	100.000
NH	5527.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4623.000	5073.000

1' O/S OF RETAINING WALL.

X1	36385.000	23.000	5000.000	5073.000	125.000	125.000	125.000	.000	.000	.000
GR	85.000	4452.500	80.000	4472.500	75.000	4497.500	70.000	4512.500	66.000	4742.500
GR	67.440	5000.000	58.660	5010.000	57.840	5015.000	58.100	5025.000	58.020	5035.000
GR	57.140	5042.000	58.660	5045.000	61.700	5052.000	71.020	5060.000	80.440	5073.000
GR	80.000	5132.500	55.000	5132.510	95.000	5257.500	77.000	5257.510	70.000	5357.000
GR	77.000	5400.000	77.000	5526.990	95.000	5527.000	.000	.000	.000	.000
NH	5.000	.150	4742.500	.110	5000.000	.048	5073.000	.085	5400.000	100.000
NH	5527.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4623.000	5073.000
X1	36386.000	24.000	5000.000	5073.000	1.000	1.000	-1.000	.000	.000	.000
GR	85.000	4452.500	80.000	4472.500	75.000	4497.500	70.000	4512.500	66.000	4742.500
GR	67.440	5000.000	58.660	5010.000	57.840	5015.000	58.100	5025.000	58.020	5035.000
GR	57.140	5042.000	58.660	5045.000	61.700	5052.000	70.200	5052.010	71.020	5060.000
GR	80.440	5073.000	80.000	5132.500	95.000	5132.510	95.000	5257.500	77.000	5257.510
GR	70.000	5357.000	77.000	5400.000	77.000	5526.990	95.000	5527.000	.000	.000
NH	5.000	.150	4840.000	.110	5000.000	.048	5068.000	.085	5350.000	100.000
NH	5467.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4618.000	5068.000

MIDDLE OF RETAINING WALL.

X1	36655.000	24.000	5000.000	5068.000	281.000	271.000	269.000	.000	.000	.000
GR	85.000	3822.000	80.000	3977.000	75.000	4102.000	70.000	4672.000	65.000	4677.000
GR	65.000	4702.000	66.000	4840.000	66.000	4922.000	67.530	5000.000	58.770	5014.000
GR	57.770	5018.000	57.870	5028.000	58.230	5038.000	58.230	5046.000	69.230	5046.010
GR	80.440	5068.000	80.000	5122.000	95.000	5122.010	95.000	5247.000	77.000	5247.010
GR	70.000	5327.000	77.000	5350.000	77.000	5466.990	95.000	5467.000	.000	.000
NH	5.000	.150	4790.000	.110	5000.000	.048	5065.000	.085	5335.000	100.000
NH	5437.500	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4615.000	5065.000
X1	36924.000	20.000	5000.000	5065.000	269.000	269.000	269.000	.000	.000	.000
GR	85.000	3777.000	80.000	3932.000	75.000	4057.000	70.000	4612.000	65.000	4622.000
GR	65.000	4642.000	66.000	4790.000	66.000	4872.000	67.530	5000.000	59.160	5010.000
GR	58.490	5030.000	59.160	5045.000	60.660	5050.000	70.160	5050.010	72.800	5065.000
GR	75.000	5072.500	76.000	5187.500	77.000	5335.000	77.000	5437.490	95.000	5437.500

NH	5.000	.150	4790.000	.110	5000.000	.048	5065.000	.085	5335.000	100.000
NH	5437.500	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4615.000	5065.000

1' U/S OF RETAINING WALL.
FIRST X-SECTION FOR PIPE D/S OF VIRGINIA

X1	36925.000	19.000	5000.000	5065.000	1.000	1.000	1.000	.000	.000	.000
GR	85.000	3777.000	80.000	3932.000	75.000	4057.000	70.000	4612.000	65.000	4622.000
GR	65.000	4642.000	66.000	4790.000	66.000	4872.000	67.530	5000.000	59.160	5010.000
GR	58.490	5030.000	59.160	5045.000	60.660	5050.000	72.800	5065.000	75.000	5072.500
GR	76.000	5137.500	77.000	5335.000	77.000	5437.490	95.000	5437.500	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4605.000	5105.000
X1	37179.000	27.000	5000.000	5100.000	214.500	257.000	254.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	65.620	.000	.000
X4	1.000	75.000	4000.000	.000	.000	.000	.000	.000	.000	.000
GR	80.000	3950.000	68.000	4800.000	70.000	4850.000	70.000	4900.000	70.000	4950.000
GR	73.330	5000.000	70.320	5010.000	65.620	5035.000	64.370	5035.010	60.500	5050.000
GR	59.900	5055.000	59.700	5060.000	59.400	5065.000	59.000	5070.000	59.000	5075.000
GR	59.800	5080.000	60.300	5085.000	61.800	5090.000	64.500	5095.000	65.750	5095.010
GR	70.000	5100.000	69.400	5105.000	69.900	5110.000	72.100	5115.000	73.200	5120.000
GR	77.450	5150.000	80.000	5365.000	.000	.000	.000	.000	.000	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4605.000	5105.000

PIPE D/S OF VIRGINIA

X1	37180.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-19.000	3950.000	80.000	80.000	4000.000	75.000	75.000	4800.000	68.000	68.000
BT	.000	4850.000	70.000	70.000	4900.000	70.000	70.000	4950.000	70.000	70.000
BT	.000	5000.000	73.330	73.330	5010.000	70.320	70.320	5035.000	65.620	65.620
BT	.000	5035.010	65.620	64.370	5095.000	65.750	64.500	5095.010	65.750	65.750
BT	.000	5100.000	70.000	70.000	5105.000	69.400	69.400	5110.000	69.900	69.900
BT	.000	5115.000	72.100	72.100	5120.000	73.200	73.200	5150.000	77.450	77.450
BT	.000	5365.000	80.000	80.000	.000	.000	.000	.000	.000	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4605.000	5105.000
X1	37181.000	.000	.000	.000	1.250	1.250	1.250	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4605.000	5105.000
X1	37182.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	65.620	.000	.000

NH	4.000	.150	4800.000	.110	5000.000	.048	5120.000	.085	5365.000	.000	5160.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4604.000	.000	.000
X1	37272.000	.000	.000	.000	1.000	1.000	1.000	.000	76.210	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5120.000	.085	5365.000	.000	5160.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4604.000	.000	.000

LAST X-SECTION FOR VIRGINIA AVE.

X1	37391.000	.000	.000	.000	119.000	119.000	119.000	.000	.320	.000	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000	.000
NH	6.000	.150	5380.000	.110	5552.500	.048	5621.500	.085	5705.000	.000	100.000
NH	5830.000	100.000	5830.010	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	10.410	.000	.000	.000

X-SECTION LCL & FIRST X-SECTION FOR # 1, R.R.

X1	37740.000	27.000	5552.500	5621.500	446.750	334.250	349.000	.000	.000	.000	.000
GR	85.000	5000.000	80.000	5030.000	75.000	5095.000	70.000	5115.000	67.000	5380.000	.000
GR	67.970	5552.500	67.470	5557.500	63.470	5564.500	61.870	5572.500	61.870	5577.500	.000
GR	61.870	5582.500	61.470	5587.500	60.870	5592.500	60.670	5593.500	59.570	5597.500	.000
GR	57.870	5602.500	58.170	5607.500	60.070	5613.500	64.670	5617.500	68.670	5621.500	.000
GR	68.370	5627.500	65.000	5652.000	70.000	5690.000	75.000	5705.000	78.000	5740.000	.000
GR	78.000	5830.000	98.000	5830.010	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000
NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	.000	.000	.000
X1	38285.000	80.000	5000.000	5481.500	490.500	545.500	545.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	84.760	83.060	.000	.000
GR	82.260	5000.000	81.300	5005.000	80.700	5010.000	74.500	5023.500	74.500	5023.510	.000
GR	74.500	5026.500	74.500	5026.510	71.300	5035.000	70.500	5045.000	70.400	5055.000	.000
GR	71.800	5072.500	71.800	5072.510	71.800	5077.500	71.800	5077.510	71.300	5085.000	.000
GR	71.100	5095.000	70.900	5105.000	70.600	5115.000	70.500	5123.500	70.500	5123.510	.000
GR	70.500	5127.500	70.500	5127.510	70.500	5135.000	70.500	5145.000	69.900	5155.000	.000
GR	69.300	5170.000	69.000	5173.500	69.000	5173.510	69.000	5176.500	69.000	5176.510	.000
GR	68.900	5180.000	66.500	5195.000	65.600	5199.500	65.600	5199.510	65.600	5200.500	.000
GR	65.600	5200.510	64.800	5205.000	63.500	5212.500	63.500	5212.510	63.500	5215.500	.000
GR	63.500	5215.510	62.700	5220.000	61.900	5225.000	61.500	5230.000	62.000	5240.000	.000
GR	62.160	5245.000	63.300	5250.000	65.400	5255.000	68.460	5260.000	69.160	5265.000	.000
GR	69.360	5270.000	67.160	5277.500	69.160	5277.510	69.160	5280.500	69.160	5280.510	.000
GR	69.360	5290.000	69.160	5300.000	69.460	5310.000	69.460	5315.500	69.460	5315.510	.000
GR	69.460	5318.500	69.460	5318.510	69.860	5325.000	69.860	5329.500	69.860	5329.510	.000
GR	69.860	5330.500	69.860	5330.510	70.760	5335.000	70.060	5340.000	70.360	5350.000	.000
GR	70.760	5353.500	70.760	5353.510	70.760	5356.500	70.760	5356.510	71.560	5365.000	.000
GR	75.460	5370.000	74.260	5375.000	81.200	5381.500	83.060	5481.500	83.060	5581.500	.000

THIS RUN EXECUTED 01-31-86 02:20:24

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK, DATE: 01/31/86 10-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STR	METRIC	HVINS	Q	WSEL	FR
	0.	3.	0.	0.	.001073	.00	.0	0.	79.680	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01-31-86 02:22:39

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK, 1977 FLOOD. DATE: 01/31/86 25-YEAR EVENT

J1	ICHECK	INQ	NINW	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.001073	.00	.0	0.	79.680	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01-31-86 02:25:06

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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK, DATE: 01/31/86 50-YEAR EVENT

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	.001073	.00	.0	0.	79.680	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	4.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01-31-86 02:27:29

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK, DATE: 01/31/86 100-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	F0
	0.	6.	0.	0.	.001073	.00	.0	0.	79.420	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	5.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

INLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01-31-86 02:29:48

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LV.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK, DATE: 01/31/86 500-YEAR EVENT

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	7.	0.	0.	.001073	.00	.0	0.	79.680	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FH	ALLDC	IBW	CHNIM	ITRACE
	15.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLEQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 01-31-86 02:32:15

 HEC2 RELEASE DATED NOV '86 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

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

LOWER CREEK, 1973 FLOOD

SUMMARY PRINTOUT TABLE 150

SECH0	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
1750.000	.00	.00	.00	9.80	4700.00	22.09	.00	22.34	10.56	4.67	2938.06	1446.41
1750.000	.00	.00	.00	9.80	6940.00	23.66	.00	23.92	10.69	5.12	4418.68	2123.03
1750.000	.00	.00	.00	9.80	10240.00	25.52	.00	25.78	10.53	5.56	6415.31	3156.06
1750.000	.00	.00	.00	9.80	13740.00	27.07	.00	27.34	10.65	5.98	8316.82	4210.65
1750.000	.00	.00	.00	9.80	17270.00	28.41	.00	28.69	10.70	6.32	10205.64	5279.11
1750.000	.00	.00	.00	9.80	27990.00	31.62	.00	31.90	10.63	7.04	15659.88	8586.75
3640.000	1890.00	.00	.00	11.80	4700.00	24.09	.00	24.39	11.03	4.69	5372.06	1414.94
3640.000	1890.00	.00	.00	11.80	6940.00	25.68	.00	26.01	11.27	5.23	8683.71	2067.06
3640.000	1890.00	.00	.00	11.80	10240.00	27.53	.00	27.89	11.55	5.86	12615.85	3012.69
3640.000	1890.00	.00	.00	11.80	13740.00	29.11	.00	29.51	12.04	6.45	16015.40	3959.17
3640.000	1890.00	.00	.00	11.80	17270.00	30.48	.00	30.92	12.57	6.98	18969.64	4872.02
3640.000	1890.00	.00	.00	11.80	27990.00	33.74	.00	34.32	14.38	8.44	26082.76	7381.38
4680.000	1040.00	.00	.00	12.90	4700.00	25.49	.00	25.86	16.00	5.53	2893.45	1174.98
4680.000	1040.00	.00	.00	12.90	6940.00	27.14	.00	27.57	16.71	6.28	4014.04	1697.97
4680.000	1040.00	.00	.00	12.90	10240.00	29.04	.00	29.56	17.83	7.20	5382.28	2425.38
4680.000	1040.00	.00	.00	12.90	13740.00	30.69	.00	31.29	18.92	8.03	6606.97	3156.92
4680.000	1040.00	.00	.00	12.90	17270.00	32.13	.00	32.81	19.92	8.76	7695.04	3869.82
4680.000	1040.00	.00	.00	12.90	27990.00	35.59	.00	36.50	22.41	10.57	10607.15	5912.36
5635.600	955.60	.00	.00	13.33	4300.00	26.25	.00	26.33	2.77	2.61	2850.00	2585.59
5635.600	955.60	.00	.00	13.33	6320.00	27.97	.00	28.06	2.88	2.94	4159.37	3724.90
5635.600	955.60	.00	.00	13.33	9290.00	29.96	.00	30.07	2.92	3.26	5944.41	5439.35
5635.600	955.60	.00	.00	13.33	12420.00	31.70	.00	31.81	2.92	3.51	7655.34	7266.60
5635.600	955.60	.00	.00	13.33	15540.00	33.22	.00	33.34	2.91	3.72	9245.34	9110.99
5635.600	955.60	.00	.00	13.33	25160.00	36.92	.00	37.06	2.97	4.26	13468.91	14593.80
5918.600	283.00	.00	.00	13.50	4300.00	26.33	.00	26.41	2.88	2.65	2791.86	2533.20
5918.600	283.00	.00	.00	13.50	6320.00	28.05	.00	28.15	2.99	2.98	4084.75	3657.95
5918.600	283.00	.00	.00	13.50	9290.00	30.04	.00	30.15	3.01	3.30	5861.00	5354.73
5918.600	283.00	.00	.00	13.50	12420.00	31.79	.00	31.90	3.00	3.55	7565.25	7166.38
5918.600	283.00	.00	.00	13.50	15540.00	33.30	.00	33.42	2.98	3.75	9149.79	8996.44
5918.600	283.00	.00	.00	13.50	25160.00	37.01	.00	37.15	3.03	4.29	13364.57	14447.77

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
5919.600	1.00	25.47	44.00	13.50	4300.00	26.06	18.95	26.68	73.81	6.36	732.29	500.49
5919.600	1.00	25.47	44.00	13.50	6320.00	27.83	.00	28.36	72.92	6.29	1347.40	740.09
5919.600	1.00	25.47	44.00	13.50	9290.00	29.96	.00	30.24	51.78	4.99	2525.07	1291.01
5919.600	1.00	25.47	44.00	13.50	12420.00	31.74	.00	31.95	31.98	4.47	3813.68	2196.25
5919.600	1.00	25.47	44.00	13.50	15540.00	33.27	.00	33.45	23.13	4.19	5131.88	3231.32
5919.600	1.00	25.47	44.00	13.50	25160.00	37.00	.00	37.15	13.92	3.95	8971.34	6742.79
5940.400	20.80	25.47	44.00	13.50	4300.00	26.28	.00	26.85	68.58	6.13	785.40	519.26
5940.400	20.80	25.47	44.00	13.50	6320.00	28.04	.00	28.52	68.46	6.06	1435.93	763.84
5940.400	20.80	25.47	44.00	13.50	9290.00	30.06	.00	30.36	55.16	5.07	2591.96	1250.87
5940.400	20.80	25.47	44.00	13.50	12420.00	31.79	.00	32.04	37.16	4.69	3859.69	2037.55
5940.400	20.80	25.47	44.00	13.50	15540.00	33.31	.00	33.52	28.18	4.48	5161.21	2927.32
5940.400	20.80	25.47	44.00	13.50	25160.00	37.02	.00	37.20	18.03	4.30	8986.58	5925.83
5941.400	1.00	.00	.00	13.50	4300.00	26.93	.00	27.00	2.22	2.42	3204.29	2883.25
5941.400	1.00	.00	.00	13.50	6320.00	28.56	.00	28.64	2.48	2.79	4521.07	4012.33
5941.400	1.00	.00	.00	13.50	9290.00	30.32	.00	30.42	2.85	3.25	6119.67	5501.94
5941.400	1.00	.00	.00	13.50	12420.00	31.95	.00	32.07	3.03	3.59	7739.46	7132.33
5941.400	1.00	.00	.00	13.50	15540.00	33.42	.00	33.55	3.13	3.86	9273.11	8778.45
5941.400	1.00	.00	.00	13.50	25160.00	37.04	.00	37.20	3.41	4.55	13395.78	13623.79
6011.400	70.00	.00	.00	13.54	4300.00	26.95	.00	27.01	2.05	2.32	3191.87	3001.71
6011.400	70.00	.00	.00	13.54	6320.00	28.59	.00	28.66	2.24	2.65	4512.13	4220.50
6011.400	70.00	.00	.00	13.54	9290.00	30.35	.00	30.44	2.54	3.07	6117.99	5832.02
6011.400	70.00	.00	.00	13.54	12420.00	32.00	.00	32.10	2.68	3.37	7742.89	7593.47
6011.400	70.00	.00	.00	13.54	15540.00	33.45	.00	33.57	2.75	3.62	9280.56	9370.14
6011.400	70.00	.00	.00	13.54	25160.00	37.10	.00	37.23	2.96	4.25	13438.35	14626.42
9750.000	3739.10	.00	.00	15.80	4300.00	27.67	.00	27.69	1.65	1.82	6163.88	3351.63
9750.000	3739.10	.00	.00	15.80	6320.00	29.32	.00	29.35	1.57	1.97	8153.51	5048.03
9750.000	3739.10	.00	.00	15.80	9290.00	31.15	.00	31.18	1.63	2.22	10399.19	7272.82
9750.000	3739.10	.00	.00	15.80	12420.00	32.83	.00	32.86	1.67	2.44	12498.00	9614.64
9750.000	3739.10	.00	.00	15.80	15540.00	34.32	.00	34.35	1.70	2.62	14391.38	11922.03
9750.000	3739.10	.00	.00	15.80	25160.00	38.03	.00	38.08	1.83	3.12	19253.03	18605.71
11287.000	1537.00	.00	.00	17.86	4300.00	28.03	.00	28.07	3.26	2.36	4459.26	2380.52
11287.000	1537.00	.00	.00	17.86	6320.00	29.63	.00	29.67	2.69	2.40	6225.90	3856.46
11287.000	1537.00	.00	.00	17.86	9290.00	31.45	.00	31.49	2.48	2.58	8278.58	5901.61
11287.000	1537.00	.00	.00	17.86	12420.00	33.12	.00	33.17	2.36	2.76	10187.41	8080.63
11287.000	1537.00	.00	.00	17.86	15540.00	34.61	.00	34.65	2.29	2.91	11920.75	10265.24
11287.000	1537.00	.00	.00	17.86	25160.00	38.32	.00	38.39	2.27	3.36	16395.20	16693.05
13337.000	2050.00	.00	.00	20.62	4300.00	29.71	.00	30.29	31.07	6.47	2028.59	771.47
13337.000	2050.00	.00	.00	20.62	6320.00	31.00	.00	31.46	24.37	6.41	3963.56	1280.26
13337.000	2050.00	.00	.00	20.62	9290.00	33.05	.00	33.33	14.58	5.74	7487.22	2433.02
13337.000	2050.00	.00	.00	20.62	12420.00	34.53	.00	34.78	12.66	5.85	10183.49	3490.87
13337.000	2050.00	.00	.00	20.62	15540.00	35.89	.00	36.13	11.37	5.96	12735.51	4608.05
13337.000	2050.00	.00	.00	20.62	25160.00	39.43	.00	39.67	9.58	6.40	19763.51	8130.64

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
15288.000	1951.00	.00	.00	23.24	4300.00	34.53	.00	34.92	20.23	5.90	1961.17	956.04
15288.000	1951.00	.00	.00	23.24	6320.00	35.47	.00	35.95	24.62	6.98	2765.74	1273.79
15288.000	1951.00	.00	.00	23.24	9290.00	36.48	.00	37.04	28.52	8.04	3900.56	1739.70
15288.000	1951.00	.00	.00	23.24	12420.00	37.59	.00	38.11	26.83	8.34	5291.11	2397.71
15288.000	1951.00	.00	.00	23.24	15540.00	38.64	.00	39.11	24.49	8.44	6631.63	3140.35
15288.000	1951.00	.00	.00	23.24	25160.00	41.63	.00	42.03	18.71	8.51	10521.15	5817.08
16450.000	1162.00	.00	.00	24.80	4300.00	35.95	.00	36.04	6.18	3.30	3875.14	1729.13
16450.000	1162.00	.00	.00	24.80	6320.00	37.11	.00	37.22	6.83	3.77	5156.48	2418.54
16450.000	1162.00	.00	.00	24.80	9290.00	38.38	.00	38.51	7.90	4.39	6564.76	3305.77
16450.000	1162.00	.00	.00	24.80	12420.00	39.50	.00	39.66	8.69	4.91	7838.57	4212.06
16450.000	1162.00	.00	.00	24.80	15540.00	40.51	.00	40.69	9.24	5.33	8991.84	5111.66
16450.000	1162.00	.00	.00	24.80	25160.00	43.30	.00	43.53	9.90	6.27	12217.60	7995.56
18692.000	2242.00	.00	.00	27.30	4300.00	38.19	.00	38.40	14.19	4.32	1881.38	1141.32
18692.000	2242.00	.00	.00	27.30	6320.00	39.43	.00	39.66	14.19	4.69	2612.75	1677.49
18692.000	2242.00	.00	.00	27.30	9290.00	40.80	.00	41.04	15.02	5.15	3599.97	2397.02
18692.000	2242.00	.00	.00	27.30	12420.00	42.02	.00	42.29	14.78	5.58	4556.10	3230.90
18692.000	2242.00	.00	.00	27.30	15540.00	43.10	.00	43.40	14.68	5.96	5428.12	4055.68
18692.000	2242.00	.00	.00	27.30	25160.00	45.93	.00	46.29	14.16	6.81	7911.73	6685.35
19134.000	442.00	.00	.00	27.80	4300.00	38.87	.00	39.41	25.78	5.90	729.15	846.87
19134.000	442.00	.00	.00	27.80	6320.00	40.11	.00	40.95	35.13	7.35	859.86	1066.25
19134.000	442.00	.00	.00	27.80	9290.00	41.44	.00	42.75	46.94	9.20	1009.54	1355.96
19134.000	442.00	.00	.00	27.80	12420.00	42.51	.00	44.38	57.24	10.97	1132.23	1641.58
19134.000	442.00	.00	.00	27.80	15540.00	43.75	.00	44.03	13.83	5.83	5552.93	4178.18
19134.000	442.00	.00	.00	27.80	25160.00	46.56	.00	46.91	13.57	6.71	8039.08	6829.82
19164.000	29.70	45.15	42.29	27.80	4300.00	38.90	.00	39.44	25.43	5.87	732.54	852.75
19164.000	29.70	45.15	42.29	27.80	6320.00	40.17	.00	41.00	34.44	7.30	866.27	1076.99
19164.000	29.70	45.15	42.29	27.80	9290.00	42.22	.00	43.33	35.29	8.45	1099.70	1563.73
19164.000	29.70	45.15	42.29	27.80	12420.00	45.64	.00	45.75	4.44	3.67	7198.05	5891.80
19164.000	29.70	45.15	42.29	27.80	15540.00	47.16	.00	47.27	4.32	3.90	8599.42	7475.34
19164.000	29.70	45.15	42.29	27.80	25160.00	49.29	.00	49.48	6.24	5.13	10693.04	10073.91
19274.000	110.00	.00	.00	27.98	4300.00	39.56	.00	39.70	9.08	3.62	2285.28	1426.98
19274.000	110.00	.00	.00	27.98	6320.00	41.22	.00	41.35	7.93	3.67	3413.04	2243.86
19274.000	110.00	.00	.00	27.98	9290.00	43.62	.00	43.74	5.58	3.64	5301.14	3932.15
19274.000	110.00	.00	.00	27.98	12420.00	45.69	.00	45.80	4.65	3.73	7077.14	5760.16
19274.000	110.00	.00	.00	27.98	15540.00	47.20	.00	47.32	4.50	3.95	8473.32	7328.70
19274.000	110.00	.00	.00	27.98	25160.00	49.36	.00	49.55	6.43	5.18	10577.16	9925.02
21190.000	1916.00	.00	.00	30.75	4300.00	41.95	.00	42.56	22.27	6.23	690.23	911.23
21190.000	1916.00	.00	.00	30.75	6320.00	43.56	38.37	44.41	28.05	7.51	1170.39	1193.40
21190.000	1916.00	.00	.00	30.75	9290.00	45.71	.00	46.31	19.90	7.11	3831.71	2082.38
21190.000	1916.00	.00	.00	30.75	12420.00	47.30	.00	47.69	14.35	6.54	6645.34	3278.67
21190.000	1916.00	.00	.00	30.75	15540.00	48.61	.00	48.92	11.66	6.26	9059.20	4551.34
21190.000	1916.00	.00	.00	30.75	25160.00	50.98	.00	51.27	11.31	6.79	13610.72	7482.72

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CUSEL	CRIMS	EG	10R'S	VCH	AREA	.01K
23320.000	2130.00	.00	.00	34.30	4300.00	45.88	.00	46.33	14.60	5.36	856.98	1125.36
23320.000	2130.00	.00	.00	34.30	6320.00	47.92	.00	48.42	14.09	5.96	1765.06	1683.81
23320.000	2130.00	.00	.00	34.30	9290.00	49.40	.00	49.96	15.38	6.73	2909.10	2368.69
23320.000	2130.00	.00	.00	34.30	12420.00	50.43	.00	51.05	17.19	7.47	3843.58	2995.93
23320.000	2130.00	.00	.00	34.30	15540.00	51.42	.00	52.04	17.54	7.88	4777.67	3710.61
23320.000	2130.00	.00	.00	34.30	25160.00	53.79	.00	54.46	18.63	8.93	7128.71	5828.68
24385.000	1065.00	.00	.00	31.39	4300.00	47.19	.00	47.49	8.58	4.42	974.93	1467.59
24385.000	1065.00	.00	.00	31.39	6320.00	49.28	.00	49.70	10.14	5.29	1866.67	1985.11
24385.000	1065.00	.00	.00	31.39	9290.00	50.93	.00	51.61	11.32	6.02	3978.76	2754.41
24385.000	1065.00	.00	.00	31.39	12420.00	52.15	.00	52.66	12.24	6.59	5644.54	3549.87
24385.000	1065.00	.00	.00	31.39	15540.00	53.20	.00	53.73	12.72	7.01	7090.71	4356.91
24385.000	1065.00	.00	.00	31.39	25160.00	55.76	.00	56.33	13.92	8.06	10651.99	6743.00
24390.000	5.00	.00	.00	36.55	4300.00	46.99	.00	47.59	23.95	6.27	686.21	878.62
24390.000	5.00	.00	.00	36.55	6320.00	49.03	43.79	49.82	25.48	7.24	1299.27	1251.93
24390.000	5.00	.00	.00	36.55	9290.00	50.77	.00	51.49	23.20	7.58	3442.25	1928.76
24390.000	5.00	.00	.00	36.55	12420.00	52.06	.00	52.71	21.26	7.77	5210.12	2693.57
24390.000	5.00	.00	.00	36.55	15540.00	53.16	.00	53.76	20.01	7.94	6713.38	3473.67
24390.000	5.00	.00	.00	36.55	25160.00	55.76	.00	56.33	18.93	8.62	10349.78	5782.59
25455.000	1065.00	.00	.00	36.90	4300.00	49.15	.00	49.55	14.69	5.12	912.79	1122.06
25455.000	1065.00	.00	.00	36.90	6320.00	51.27	.00	51.71	13.26	5.60	2111.10	1735.87
25455.000	1065.00	.00	.00	36.90	9290.00	52.88	.00	53.42	14.81	6.49	3350.58	2414.31
25455.000	1065.00	.00	.00	36.90	12420.00	54.05	.00	54.71	17.00	7.37	4355.45	3012.47
25455.000	1065.00	.00	.00	36.90	15540.00	55.09	.00	55.82	18.49	8.07	5312.04	3614.25
25455.000	1065.00	.00	.00	36.90	25160.00	57.63	.00	58.55	21.44	9.66	7783.22	5433.18
27385.000	1930.00	.00	.00	41.60	4300.00	51.94	.00	52.16	12.63	4.44	2486.08	1209.93
27385.000	1930.00	.00	.00	41.60	6320.00	53.76	.00	53.94	10.33	4.40	3924.00	1966.21
27385.000	1930.00	.00	.00	41.60	9290.00	55.55	.00	55.73	10.11	4.69	5428.66	2921.78
27385.000	1930.00	.00	.00	41.60	12420.00	57.08	.00	57.24	10.79	4.63	6834.81	3780.25
27385.000	1930.00	.00	.00	41.60	15540.00	58.26	.00	58.44	10.82	5.00	7946.92	4724.44
27385.000	1930.00	.00	.00	41.60	25160.00	61.17	.00	61.42	11.47	6.02	10756.12	7429.35
27422.000	37.00	.00	.00	41.59	4300.00	51.66	.00	52.42	52.13	7.69	1146.53	595.55
27422.000	37.00	.00	.00	41.59	6320.00	53.54	.00	54.14	35.96	7.37	2132.33	1053.92
27422.000	37.00	.00	.00	41.59	9290.00	55.38	.00	55.89	27.53	7.39	3421.46	1770.61
27422.000	37.00	.00	.00	41.59	12420.00	56.94	.00	57.39	22.76	7.40	4763.70	2603.63
27422.000	37.00	.00	.00	41.59	15540.00	58.16	.00	58.58	21.18	7.62	5654.00	3376.48
27422.000	37.00	.00	.00	41.59	25160.00	61.07	.00	61.54	19.47	8.39	8633.76	5701.67
27605.000	183.00	.00	.00	41.57	4300.00	52.86	.00	53.25	24.46	5.80	1752.10	869.53
27605.000	183.00	.00	.00	41.57	6320.00	54.45	.00	54.82	20.97	6.05	2748.50	1380.10
27605.000	183.00	.00	.00	41.57	9290.00	56.13	.00	56.48	18.55	6.37	4064.06	2157.17
27605.000	183.00	.00	.00	41.57	12420.00	57.57	.00	57.92	16.99	6.63	5357.40	3013.62
27605.000	183.00	.00	.00	41.57	15540.00	58.74	.00	59.09	16.58	6.96	6428.19	3817.00
27605.000	183.00	.00	.00	41.57	25160.00	61.64	.00	62.04	16.25	7.86	9201.02	6234.11

SECCO	XLCH	ELTRD	ELLIC	ELMIN	Q	CWSEL	CRIVS	EG	10K'S	VCH	AREA	OTK
27606.000	1.00	45.00	75.00	41.57	4300.00	53.07	.00	53.30	79.32	5.22	1670.98	482.80
27606.000	1.00	45.00	75.00	41.57	6320.00	54.70	.00	54.88	50.55	4.85	2677.22	888.92
27606.000	1.00	45.00	75.00	41.57	9290.00	56.39	.00	56.55	37.30	4.77	3970.68	1521.20
27606.000	1.00	45.00	75.00	41.57	12420.00	57.83	.00	57.98	30.91	4.79	5235.41	2253.94
27606.000	1.00	45.00	75.00	41.57	15540.00	59.00	.00	59.15	28.34	4.93	6304.24	2919.30
27606.000	1.00	45.00	75.00	41.57	25160.00	61.93	.00	62.11	24.89	5.37	9113.20	5043.18
27614.000	8.00	45.00	75.00	41.57	4300.00	53.14	.00	53.37	74.79	5.10	1711.29	497.23
27614.000	8.00	45.00	75.00	41.57	6320.00	54.75	.00	54.92	49.37	4.80	2700.34	899.49
27614.000	8.00	45.00	75.00	41.57	9290.00	56.42	.00	56.58	36.84	4.74	3988.86	1530.58
27614.000	8.00	45.00	75.00	41.57	12420.00	57.86	.00	58.00	30.63	4.78	5251.93	2244.00
27614.000	8.00	45.00	75.00	41.57	15540.00	59.02	.00	59.18	28.13	4.92	6320.37	2930.15
27614.000	8.00	45.00	75.00	41.57	25160.00	61.95	.00	62.13	24.76	5.36	9128.87	5056.31
27615.000	1.00	.00	.00	41.57	4300.00	53.08	.00	53.43	21.48	5.52	1874.87	927.69
27615.000	1.00	.00	.00	41.57	6320.00	54.67	.00	55.00	18.53	5.78	2904.60	1468.33
27615.000	1.00	.00	.00	41.57	9290.00	56.34	.00	56.66	16.74	6.13	4248.65	2270.83
27615.000	1.00	.00	.00	41.57	12420.00	57.77	.00	58.09	15.61	6.43	5538.00	3143.56
27615.000	1.00	.00	.00	41.57	15540.00	58.94	.00	59.27	15.37	6.77	6614.26	3964.34
27615.000	1.00	.00	.00	41.57	25160.00	61.85	.00	62.23	15.29	7.69	9409.37	6434.20
27660.000	45.00	.00	.00	41.64	3930.00	53.26	.00	53.54	16.82	4.92	1938.56	958.18
27660.000	45.00	.00	.00	41.64	5790.00	54.83	.00	55.10	14.85	5.20	2964.68	1502.60
27660.000	45.00	.00	.00	41.64	8520.00	56.49	.00	56.75	13.57	5.55	4315.88	2312.99
27660.000	45.00	.00	.00	41.64	11420.00	57.91	.00	58.17	12.83	5.85	5598.57	3187.66
27660.000	45.00	.00	.00	41.64	14180.00	59.08	.00	59.35	12.45	6.11	6682.06	4018.57
27660.000	45.00	.00	.00	41.64	23150.00	62.00	.00	62.31	12.66	7.02	9482.88	6505.36
28654.000	994.00	.00	.00	43.06	3930.00	54.69	.00	55.00	12.87	4.64	1505.63	1095.34
28654.000	994.00	.00	.00	43.06	5790.00	56.14	.00	56.45	12.24	5.02	2669.05	1655.20
28654.000	994.00	.00	.00	43.06	8520.00	57.72	.00	58.04	12.00	5.48	3962.47	2459.35
28654.000	994.00	.00	.00	43.06	11420.00	59.09	.00	59.43	11.93	5.89	5113.75	3305.94
28654.000	994.00	.00	.00	43.06	14180.00	60.24	.00	60.59	11.92	6.22	6088.47	4107.82
28654.000	994.00	.00	.00	43.06	23150.00	63.78	.00	63.60	12.49	7.23	8672.36	6549.97
28929.000	275.00	.00	.00	43.46	3930.00	55.05	.00	55.37	13.16	4.68	1473.28	1082.50
28929.000	275.00	.00	.00	43.46	5790.00	56.47	.00	56.80	12.66	5.08	2618.56	1627.38
28929.000	275.00	.00	.00	43.46	8520.00	58.05	.00	58.38	12.39	5.55	3904.89	2420.06
28929.000	275.00	.00	.00	43.46	11420.00	59.42	.00	59.77	12.25	5.94	5058.38	3262.69
28929.000	275.00	.00	.00	43.46	14180.00	60.57	.00	60.93	12.20	6.28	6032.65	4059.93
28929.000	275.00	.00	.00	43.46	23150.00	63.53	.00	63.95	12.68	7.27	8623.77	6500.28
28930.000	1.00	48.92	75.00	43.46	3930.00	55.08	.00	55.38	44.32	4.62	1459.85	590.36
28930.000	1.00	48.92	75.00	43.46	5790.00	56.64	.00	56.84	30.53	4.31	2710.71	1047.82
28930.000	1.00	48.92	75.00	43.46	8520.00	58.27	.00	58.43	24.57	4.29	4046.91	1718.87
28930.000	1.00	48.92	75.00	43.46	11420.00	59.67	.00	59.83	22.01	4.39	5221.49	2433.98
28930.000	1.00	48.92	75.00	43.46	14180.00	60.84	.00	60.99	20.66	4.51	6214.14	3119.47
28930.000	1.00	48.92	75.00	43.46	23150.00	63.85	.00	64.03	19.39	4.98	8870.84	5257.09

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CUSEL	CRWS	EG	10K*S	VCH	AREA	.01K
28931.000	.67	48.92	75.00	43.46	3930.00	55.09	.00	55.38	44.25	4.62	1461.32	590.78
28931.000	.67	48.92	75.00	43.46	5790.00	56.64	.00	56.84	30.53	4.31	2710.78	1047.85
28931.000	.67	48.92	75.00	43.46	8520.00	58.27	.00	58.44	24.57	4.29	4046.98	1718.91
28931.000	.67	48.92	75.00	43.46	11420.00	59.67	.00	59.83	22.01	4.39	5221.74	2434.14
28931.000	.67	48.92	75.00	43.46	14180.00	60.84	.00	60.99	20.66	4.51	6214.48	3119.72
28931.000	.67	48.92	75.00	43.46	23150.00	63.66	.00	64.03	19.39	4.98	8871.30	5257.50
28932.000	1.00	.00	.00	43.46	3930.00	55.08	.00	55.39	12.87	4.64	1506.01	1095.49
28932.000	1.00	.00	.00	43.46	5790.00	56.59	.00	56.90	11.88	4.96	2713.47	1679.91
28932.000	1.00	.00	.00	43.46	8520.00	58.20	.00	58.51	11.55	5.40	4031.25	2506.69
28932.000	1.00	.00	.00	43.46	11420.00	59.59	.00	59.92	11.48	5.80	5195.35	3370.13
28932.000	1.00	.00	.00	43.46	14180.00	60.75	.00	61.09	11.47	6.14	6180.45	4187.24
28932.000	1.00	.00	.00	43.46	23150.00	63.74	.00	64.15	11.95	7.11	8814.64	6696.25
28999.000	67.00	.00	.00	43.57	3830.00	55.18	.00	55.48	12.33	4.53	1494.44	1090.88
28999.000	67.00	.00	.00	43.57	5640.00	56.69	.00	56.98	11.36	4.85	2701.63	1673.30
28999.000	67.00	.00	.00	43.57	8310.00	58.29	.00	58.59	11.08	5.28	4016.95	2496.81
28999.000	67.00	.00	.00	43.57	11140.00	59.68	.00	60.00	10.95	5.67	5190.28	3366.13
28999.000	67.00	.00	.00	43.57	13840.00	60.84	.00	61.17	10.96	5.99	6173.26	4181.01
28999.000	67.00	.00	.00	43.57	22620.00	63.84	.00	64.23	11.43	6.95	8810.08	6691.55
29965.000	966.00	.00	.00	45.21	3830.00	56.53	.00	56.79	15.14	4.44	1932.69	984.34
29965.000	966.00	.00	.00	45.21	5640.00	57.94	.00	58.20	14.59	4.75	3071.19	1476.41
29965.000	966.00	.00	.00	45.21	8310.00	59.48	.00	59.77	14.27	5.25	4381.77	2200.17
29965.000	966.00	.00	.00	45.21	11140.00	60.84	.00	61.15	14.18	5.70	5585.06	2958.22
29965.000	966.00	.00	.00	45.21	13840.00	61.98	.00	62.32	14.13	6.07	6634.25	3681.48
29965.000	966.00	.00	.00	45.21	22620.00	65.00	.00	65.41	14.43	7.08	9565.59	5954.60
31000.000	1035.00	.00	.00	46.79	3830.00	58.27	.00	58.73	21.70	5.44	710.20	822.15
31000.000	1035.00	.00	.00	46.79	5640.00	59.68	.00	60.39	26.78	6.76	871.73	1089.78
31000.000	1035.00	.00	.00	46.79	8310.00	61.21	.00	62.22	32.31	8.23	1514.33	1461.84
31000.000	1035.00	.00	.00	46.79	11140.00	62.53	.00	63.74	34.98	9.26	2199.18	1883.61
31000.000	1035.00	.00	.00	46.79	13840.00	63.63	.00	64.98	36.42	10.02	2788.74	2293.48
31000.000	1035.00	.00	.00	46.79	22620.00	66.58	.00	68.26	38.88	11.85	4433.90	3627.71
31300.000	300.00	.00	.00	46.00	3830.00	58.88	.00	59.16	9.91	4.26	992.49	1216.82
31300.000	300.00	.00	.00	46.00	5640.00	60.54	.00	60.93	12.52	5.15	1650.47	1594.27
31300.000	300.00	.00	.00	46.00	8310.00	62.37	.00	62.88	14.69	6.06	2506.34	2168.19
31300.000	300.00	.00	.00	46.00	11140.00	63.87	.00	64.49	16.68	6.85	3233.02	2727.58
31300.000	300.00	.00	.00	46.00	13840.00	65.09	.00	65.79	18.29	7.49	3838.11	3235.82
31300.000	300.00	.00	.00	46.00	22620.00	68.24	.00	69.20	22.14	9.18	5473.10	4807.19
32381.000	1081.00	.00	.00	46.23	3380.00	60.85	.00	61.51	42.76	6.83	772.58	516.89
32381.000	1081.00	.00	.00	46.23	4970.00	62.55	.00	62.91	25.22	5.79	1651.50	989.57
32381.000	1081.00	.00	.00	46.23	7320.00	64.45	.00	64.68	16.96	5.20	2651.72	1777.67
32381.000	1081.00	.00	.00	46.23	9800.00	66.03	.00	66.24	13.76	5.11	3511.70	2641.95
32381.000	1081.00	.00	.00	46.23	12190.00	67.31	.00	67.52	12.31	5.21	4249.46	3473.66
32381.000	1081.00	.00	.00	46.23	19880.00	70.67	.00	70.91	10.46	5.65	6389.71	6147.96

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SECNO	XLCH	ELTRD	ELLC	ELHIM	Q	CMSEL	CRINS	EG	10K*5	VCH	AREA	.01K
32692.000	311.00	.00	.00	46.10	3380.00	61.99	.00	62.37	17.73	4.96	680.97	802.82
32692.000	311.00	.00	.00	46.10	4970.00	63.19	.00	63.83	25.09	6.39	777.48	992.29
32692.000	311.00	.00	.00	46.10	7320.00	64.80	.00	65.81	33.52	8.04	909.88	1264.27
32692.000	311.00	.00	.00	46.10	9800.00	66.15	.00	67.58	40.79	9.59	1021.99	1534.42
32692.000	311.00	.00	.00	46.10	12190.00	67.23	.00	69.10	47.69	10.97	1111.59	1765.11
32692.000	311.00	.00	.00	46.10	19880.00	69.95	.00	73.27	66.94	14.70	1445.36	2429.74
32693.000	1.00	70.84	75.00	46.10	3380.00	61.96	.00	62.40	22.10	5.33	633.88	753.93
32693.000	1.00	70.84	75.00	46.10	4970.00	63.14	.00	63.88	28.79	6.89	721.31	926.28
32693.000	1.00	70.84	75.00	46.10	7320.00	64.72	.00	65.90	38.01	8.74	837.84	1187.36
32693.000	1.00	70.84	75.00	46.10	9800.00	66.02	.00	67.73	47.37	10.49	934.34	1423.93
32693.000	1.00	70.84	75.00	46.10	12190.00	67.04	.00	69.30	56.49	12.07	1010.21	1621.82
32693.000	1.00	70.84	75.00	46.10	19880.00	73.06	73.06	75.67	210.62	13.67	1869.95	1369.84
32718.000	25.00	70.84	75.00	46.10	3380.00	62.02	.00	62.46	19.75	5.30	637.37	760.58
32718.000	25.00	70.84	75.00	46.10	4970.00	63.23	.00	63.96	27.98	6.83	727.83	939.63
32718.000	25.00	70.84	75.00	46.10	7320.00	64.84	.00	66.00	36.61	8.64	847.29	1209.76
32718.000	25.00	70.84	75.00	46.10	9800.00	66.19	.00	67.86	43.22	10.34	947.44	1457.35
32718.000	25.00	70.84	75.00	46.10	12190.00	67.28	.00	69.46	53.34	11.86	1027.76	1669.05
32718.000	25.00	70.84	75.00	46.10	19880.00	75.54	.00	76.45	72.94	8.88	3332.59	2327.81
32719.000	1.00	.00	.00	46.10	3380.00	62.10	.00	62.48	16.99	4.90	690.10	820.01
32719.000	1.00	.00	.00	46.10	4970.00	63.38	.00	63.99	23.66	6.27	792.78	1021.83
32719.000	1.00	.00	.00	46.10	7320.00	65.12	.00	66.07	30.47	7.82	936.32	1326.08
32719.000	1.00	.00	.00	46.10	9800.00	66.64	.00	67.96	35.79	9.22	1062.89	1638.11
32719.000	1.00	.00	.00	46.10	12190.00	67.93	.00	69.62	40.30	10.43	1169.19	1920.17
32719.000	1.00	.00	.00	46.10	19880.00	75.57	.00	76.46	15.09	8.51	3971.01	5118.23
32796.000	77.00	.00	.00	48.40	3380.00	62.01	.00	63.26	72.73	8.96	377.09	396.32
32796.000	77.00	.00	.00	48.40	4970.00	63.19	.00	65.19	106.44	11.36	437.33	481.74
32796.000	77.00	.00	.00	48.40	7320.00	64.75	.00	67.77	142.20	13.93	525.37	613.84
32796.000	77.00	.00	.00	48.40	9800.00	66.32	.00	70.13	163.25	16.28	604.22	762.34
32796.000	77.00	.00	.00	48.40	12190.00	67.02	66.84	72.27	186.10	18.40	671.38	893.58
32796.000	77.00	.00	.00	43.40	19880.00	74.12	.00	78.69	86.78	17.51	1262.96	2134.05
32875.000	79.00	.00	.00	50.90	3380.00	63.54	.00	63.66	4.04	2.78	1216.61	1680.83
32875.000	79.00	.00	.00	50.90	4970.00	65.64	.00	65.82	4.97	3.34	1489.98	2229.97
32875.000	79.00	.00	.00	50.90	7320.00	68.44	.00	68.68	5.07	3.92	1868.23	3251.25
32875.000	79.00	.00	.00	50.90	9800.00	71.05	.00	71.36	5.09	4.41	2222.76	4343.33
32875.000	79.00	.00	.00	50.90	12190.00	73.74	.00	73.84	2.06	3.10	8564.00	8494.28
32875.000	79.00	.00	.00	50.90	19880.00	80.01	.00	80.07	1.05	2.68	20069.37	19371.21
32907.000	32.30	71.10	70.13	50.90	3380.00	63.54	.00	63.66	4.04	2.78	1216.61	1681.27
32907.000	32.30	71.10	70.13	50.90	4970.00	65.65	.00	65.82	4.97	3.34	1490.12	2230.31
32907.000	32.30	71.10	70.13	50.90	7320.00	68.44	.00	68.68	5.06	3.92	1868.99	3253.46
32907.000	32.30	71.10	70.13	50.90	9800.00	71.38	.00	71.59	3.85	3.88	3441.01	4996.92
32907.000	32.30	71.10	70.13	50.90	12190.00	73.69	.00	73.99	1.97	3.05	8768.69	8681.59
32907.000	32.30	71.10	70.13	50.90	19880.00	80.09	.00	80.15	1.03	2.66	20269.02	19561.60

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CASEL	CRIMS	EG	10X*S	VCH	AREA	.01K
32919.000	12.00	.00	.00	50.90	3380.00	63.57	.00	63.67	3.27	2.70	1749.78	1868.38
32919.000	12.00	.00	.00	50.90	4970.00	65.70	.00	65.84	3.53	3.16	2468.90	2644.09
32919.000	12.00	.00	.00	50.90	7320.00	68.57	.00	68.71	3.22	3.44	3853.12	4077.53
32919.000	12.00	.00	.00	50.90	9800.00	71.49	.00	71.62	2.61	3.46	5821.45	6068.67
32919.000	12.00	.00	.00	50.90	12190.00	73.89	.00	74.00	2.02	3.29	8805.53	8583.80
32919.000	12.00	.00	.00	50.90	19880.00	80.09	.00	80.15	1.07	2.85	20305.41	19193.23
32931.000	12.00	.00	.00	50.90	3380.00	63.57	.00	63.67	3.26	2.69	1753.84	1872.88
32931.000	12.00	.00	.00	50.90	4970.00	65.70	.00	65.84	3.53	3.16	2470.99	2646.22
32931.000	12.00	.00	.00	50.90	7320.00	68.57	.00	68.72	3.22	3.44	3855.74	4080.40
32931.000	12.00	.00	.00	50.90	9800.00	71.49	.00	71.62	2.60	3.46	5825.38	6071.88
32931.000	12.00	.00	.00	50.90	12190.00	73.89	.00	74.00	2.02	3.29	8802.98	8581.53
32931.000	12.00	.00	.00	50.90	19880.00	80.09	.00	80.15	1.07	2.85	20305.91	19193.70
32932.000	1.00	57.11	80.00	50.90	3380.00	63.59	.00	63.68	13.87	2.61	1685.87	907.72
32932.000	1.00	57.11	80.00	50.90	4970.00	65.75	.00	65.85	13.04	2.87	2418.72	1376.39
32932.000	1.00	57.11	80.00	50.90	7320.00	68.65	.00	68.74	9.73	2.85	3825.24	2346.92
32932.000	1.00	57.11	80.00	50.90	9800.00	71.58	.00	71.64	6.63	2.64	5842.80	2806.09
32932.000	1.00	57.11	80.00	50.90	12190.00	73.97	.00	74.02	4.36	2.33	8841.40	5838.02
32932.000	1.00	57.11	80.00	50.90	19880.00	80.14	.00	80.16	1.76	1.76	20347.06	14982.21
32933.000	.67	57.11	80.00	50.90	3380.00	63.59	.00	63.68	13.81	2.61	1688.51	909.39
32933.000	.67	57.11	80.00	50.90	4970.00	65.75	.00	65.85	13.04	2.87	2618.95	1376.53
32933.000	.67	57.11	80.00	50.90	7320.00	68.65	.00	68.74	9.73	2.85	3825.46	2347.08
32933.000	.67	57.11	80.00	50.90	9800.00	71.58	.00	71.65	6.63	2.64	5843.12	2806.29
32933.000	.67	57.11	80.00	50.90	12190.00	73.97	.00	74.02	4.36	2.33	8841.70	5838.23
32933.000	.67	57.11	80.00	50.90	19880.00	80.14	.00	80.16	1.76	1.76	20347.28	14982.39
32934.000	1.00	.00	.00	50.90	3380.00	63.58	.00	63.69	3.23	2.69	1759.56	1879.24
32934.000	1.00	.00	.00	50.90	4970.00	65.73	.00	65.87	3.49	3.14	2486.61	2662.11
32934.000	1.00	.00	.00	50.90	7320.00	68.62	.00	68.77	3.17	3.42	3881.34	4108.49
32934.000	1.00	.00	.00	50.90	9800.00	71.55	.00	71.68	2.57	3.44	5881.01	6117.16
32934.000	1.00	.00	.00	50.90	12190.00	73.94	.00	74.05	1.99	3.28	8871.99	8643.00
32934.000	1.00	.00	.00	50.90	19880.00	80.12	.00	80.18	1.06	2.84	20397.38	19279.59
33041.000	107.00	.00	.00	51.47	3380.00	63.61	.00	63.73	7.91	2.86	1605.89	1708.43
33041.000	107.00	.00	.00	51.47	4970.00	65.77	.00	65.92	4.15	3.33	2269.16	2439.35
33041.000	107.00	.00	.00	51.47	7320.00	68.65	.00	68.81	3.71	3.62	3596.16	3799.15
33041.000	107.00	.00	.00	51.47	9800.00	71.57	.00	71.72	2.98	3.63	5357.40	5676.52
33041.000	107.00	.00	.00	51.47	12190.00	73.96	.00	74.08	2.33	3.48	8129.14	7987.45
33041.000	107.00	.00	.00	51.47	19880.00	80.13	.00	80.20	1.21	2.99	19063.29	18049.54
33660.000	619.00	.00	.00	53.75	3380.00	64.61	.00	65.27	39.75	7.06	965.67	536.09
33660.000	619.00	.00	.00	53.75	4970.00	66.56	.00	66.95	25.45	6.17	2130.27	985.26
33660.000	619.00	.00	.00	53.75	7320.00	69.19	.00	69.36	12.78	4.78	4297.53	2047.42
33660.000	619.00	.00	.00	53.75	9800.00	71.94	.00	72.01	5.61	3.52	8309.67	4136.42
33660.000	619.00	.00	.00	53.75	12190.00	74.22	.00	74.27	3.34	2.97	12292.44	6673.30
33660.000	619.00	.00	.00	53.75	19880.00	80.26	.00	80.28	1.47	2.35	25284.45	16408.18

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRINS	EG	10C'S	VCH	AREA	.01K
33995.000	335.00	.00	.00	53.90	3380.00	65.69	.00	66.06	15.97	5.01	1011.14	845.92
33995.000	335.00	.00	.00	53.90	4970.00	67.24	.00	67.63	16.92	5.47	1922.63	1208.27
33995.000	335.00	.00	.00	53.90	7320.00	69.53	.00	69.83	13.14	5.25	3428.40	2019.38
33995.000	335.00	.00	.00	53.90	9800.00	72.08	.00	72.28	8.71	4.74	6694.89	3320.55
33995.000	335.00	.00	.00	53.90	12190.00	74.29	.00	74.46	6.30	4.47	10017.28	4857.31
33995.000	335.00	.00	.00	53.90	19880.00	80.27	.00	80.40	3.64	4.22	20615.96	10416.30
34246.000	251.00	.00	.00	54.02	3380.00	66.12	.00	66.45	13.88	4.73	1189.82	907.32
34246.000	251.00	.00	.00	54.02	4970.00	67.71	.00	68.94	14.39	5.10	2140.63	1310.26
34246.000	251.00	.00	.00	54.02	7320.00	69.88	.00	70.15	11.93	5.05	3584.89	2119.63
34246.000	251.00	.00	.00	54.02	9800.00	72.30	.00	72.50	8.39	4.68	6840.17	3382.64
34246.000	251.00	.00	.00	54.02	12190.00	74.45	.00	74.62	6.22	4.45	10078.39	4887.38
34246.000	251.00	.00	.00	54.02	19880.00	80.37	.00	80.49	3.66	4.23	20559.34	10385.20
34247.000	1.00	63.14	80.00	54.02	3380.00	66.15	.00	66.46	52.45	4.73	1163.07	466.71
34247.000	1.00	63.14	80.00	54.02	4970.00	67.87	.00	68.08	36.56	4.37	2203.16	821.97
34247.000	1.00	63.14	80.00	54.02	7320.00	70.06	.00	70.19	23.32	3.93	3698.08	1515.84
34247.000	1.00	63.14	80.00	54.02	9800.00	72.43	.00	72.53	14.51	3.50	6996.68	2572.34
34247.000	1.00	63.14	80.00	54.02	12190.00	74.56	.00	74.64	10.38	3.27	10206.48	3784.11
34247.000	1.00	63.14	80.00	54.02	19880.00	80.44	.00	80.51	5.86	3.06	20670.70	8214.91
34248.000	.67	63.14	80.00	54.02	3380.00	66.16	.00	66.46	52.37	4.72	1164.32	467.04
34248.000	.67	63.14	80.00	54.02	4970.00	67.87	.00	68.08	36.55	4.37	2203.54	822.12
34248.000	.67	63.14	80.00	54.02	7320.00	70.06	.00	70.19	23.31	3.93	3699.09	1516.14
34248.000	.67	63.14	80.00	54.02	9800.00	72.44	.00	72.53	14.51	3.50	6997.67	2572.69
34248.000	.67	63.14	80.00	54.02	12190.00	74.56	.00	74.64	10.38	3.27	10207.32	3784.44
34248.000	.67	63.14	80.00	54.02	19880.00	80.44	.00	80.51	5.86	3.06	20671.31	8215.18
34249.000	1.00	.00	.00	54.02	3380.00	66.15	.00	66.47	13.68	4.70	1207.68	913.76
34249.000	1.00	.00	.00	54.02	4970.00	67.82	.00	68.14	13.64	4.99	2213.70	1345.56
34249.000	1.00	.00	.00	54.02	7320.00	70.00	.00	70.26	11.35	4.95	3666.22	2172.64
34249.000	1.00	.00	.00	54.02	9800.00	72.39	.00	72.58	8.12	4.62	6970.16	3438.68
34249.000	1.00	.00	.00	54.02	12190.00	74.52	.00	74.68	6.09	4.41	10188.38	4941.62
34249.000	1.00	.00	.00	54.02	19880.00	80.42	.00	80.54	3.63	4.22	20657.06	10438.91
34311.000	62.00	.00	.00	54.09	3380.00	66.24	.00	66.56	13.61	4.69	1214.27	916.15
34311.000	62.00	.00	.00	54.09	4970.00	67.91	.00	68.22	13.53	4.97	2224.97	1351.05
34311.000	62.00	.00	.00	54.09	7320.00	70.07	.00	70.33	11.35	4.95	3665.77	2172.84
34311.000	62.00	.00	.00	54.09	9800.00	72.44	.00	72.63	8.18	4.63	6940.67	3425.93
34311.000	62.00	.00	.00	54.09	12190.00	74.56	.00	74.72	6.13	4.43	10148.28	4921.83
34311.000	62.00	.00	.00	54.09	19880.00	80.44	.00	80.56	3.66	4.23	20576.68	10394.72
34784.000	473.00	.00	.00	54.65	3380.00	66.83	.00	67.07	8.65	4.09	1189.60	1149.15
34784.000	473.00	.00	.00	54.65	4970.00	68.44	.00	68.78	10.46	4.98	1562.49	1536.95
34784.000	473.00	.00	.00	54.65	7320.00	70.46	.00	70.92	12.00	5.95	2304.60	2113.24
34784.000	473.00	.00	.00	54.65	9800.00	72.66	.00	73.18	11.63	6.48	3818.35	2874.03
34784.000	473.00	.00	.00	54.65	12190.00	74.67	.00	75.23	10.99	6.83	5527.89	3676.87
34784.000	473.00	.00	.00	54.65	19880.00	80.37	.00	81.01	9.55	7.68	12436.11	6433.40

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
35069.000	285.00	.00	.00	55.00	3380.00	67.07	.00	67.39	10.85	4.54	743.97	1026.33
35069.000	285.00	.00	.00	55.00	4970.00	68.70	.00	69.21	13.90	5.71	870.39	1333.15
35069.000	285.00	.00	.00	55.00	7320.00	70.77	.00	71.36	14.25	6.47	1703.95	1939.29
35069.000	285.00	.00	.00	55.00	9800.00	73.08	.00	73.51	10.22	6.09	3875.36	3065.44
35069.000	285.00	.00	.00	55.00	12190.00	75.15	.00	75.55	8.64	6.09	5644.55	4146.35
35069.000	285.00	.00	.00	55.00	19890.00	81.04	.00	81.32	5.31	5.78	12921.19	8630.22
35101.000	32.00	70.69	67.36	55.00	3380.00	67.35	.00	67.65	9.83	4.41	766.21	1077.97
35101.000	32.00	70.69	67.36	55.00	4970.00	69.54	.00	69.98	10.95	5.32	935.04	1502.25
35101.000	32.00	70.69	67.36	55.00	7320.00	72.27	.00	72.57	7.30	4.97	3251.39	2710.12
35101.000	32.00	70.69	67.36	55.00	9800.00	73.74	.00	74.11	8.37	5.67	4422.89	3387.33
35101.000	32.00	70.69	67.36	55.00	12190.00	75.29	.00	75.67	8.32	6.01	5767.62	4225.56
35101.000	32.00	70.69	67.36	55.00	19880.00	81.04	.00	81.32	5.31	5.78	12919.70	8629.26
35171.000	70.50	.00	.00	55.19	3380.00	67.52	.00	67.74	7.96	3.96	1222.55	1197.84
35171.000	70.50	.00	.00	55.19	4970.00	69.83	.00	70.09	7.57	4.44	1784.19	1806.73
35171.000	70.50	.00	.00	55.19	7320.00	72.33	.00	72.63	7.27	4.93	3163.91	2715.11
35171.000	70.50	.00	.00	55.19	9800.00	73.82	.00	74.17	8.22	5.59	4323.70	3417.43
35171.000	70.50	.00	.00	55.19	12190.00	75.38	.00	75.74	8.00	5.87	5679.20	4309.28
35171.000	70.50	.00	.00	55.19	19880.00	81.12	.00	81.36	4.85	5.51	12754.87	9023.91
35310.000	139.00	.00	.00	56.00	2600.00	67.68	.00	67.85	7.52	3.53	2067.63	948.33
35310.000	139.00	.00	.00	56.00	3810.00	70.02	.00	70.20	6.30	3.73	3667.30	1517.66
35310.000	139.00	.00	.00	56.00	5590.00	72.54	.00	72.73	5.76	4.06	5636.99	2330.16
35310.000	139.00	.00	.00	56.00	7480.00	74.06	.00	74.28	6.51	4.61	6909.63	2930.85
35310.000	139.00	.00	.00	56.00	9330.00	75.60	.00	75.85	6.58	4.93	8347.44	3637.06
35310.000	139.00	.00	.00	56.00	15130.00	81.23	.00	81.43	4.48	4.90	18072.29	7149.31
35460.000	150.00	.00	.00	55.80	2600.00	67.87	.00	67.93	2.72	1.94	1947.49	1575.19
35460.000	150.00	.00	.00	55.80	3810.00	70.21	.00	70.25	1.59	1.77	3993.73	3023.15
35460.000	150.00	.00	.00	55.80	5590.00	72.74	.00	72.77	1.04	1.67	6590.36	5480.64
35460.000	150.00	.00	.00	55.80	7480.00	74.30	.00	74.33	1.03	1.80	8227.31	7361.93
35460.000	150.00	.00	.00	55.80	9330.00	75.87	.00	75.90	.96	1.87	10106.44	9512.90
35460.000	150.00	.00	.00	55.80	15130.00	81.44	.00	81.46	.63	1.85	20154.88	19090.62
35829.000	369.00	.00	.00	56.67	2600.00	68.00	.00	68.27	12.34	4.20	644.75	740.09
35829.000	369.00	.00	.00	56.67	3810.00	70.24	.00	70.58	11.57	4.72	917.35	1120.09
35829.000	369.00	.00	.00	56.67	5590.00	72.69	.00	73.09	10.98	5.30	1426.87	1687.27
35829.000	369.00	.00	.00	56.67	7480.00	74.22	.00	74.69	11.83	5.92	2018.05	2174.86
35829.000	369.00	.00	.00	56.67	9330.00	75.79	.00	76.22	10.61	6.01	2922.40	2863.74
35829.000	369.00	.00	.00	56.67	15130.00	81.43	.00	81.58	3.90	4.45	11753.09	7664.67
36028.000	199.00	.00	.00	57.00	2600.00	68.24	.00	68.52	12.76	4.24	636.26	727.87
36028.000	199.00	.00	.00	57.00	3810.00	70.47	.00	70.82	11.99	4.78	901.89	1100.22
36028.000	199.00	.00	.00	57.00	5590.00	72.91	.00	73.32	11.40	5.36	1394.34	1655.88
36028.000	199.00	.00	.00	57.00	7480.00	74.45	.00	74.93	12.24	6.00	1970.60	2138.11
36028.000	199.00	.00	.00	57.00	9330.00	75.99	.00	76.45	11.12	6.12	2835.40	2797.34
36028.000	199.00	.00	.00	57.00	15130.00	81.50	.00	81.66	4.22	4.60	11151.49	7367.36

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
* 36029.000	1.00	65.25	95.00	57.00	2600.00	69.54	67.54	70.89	722.44	9.85	298.34	96.73
* 36029.000	1.00	65.25	95.00	57.00	3810.00	70.46	70.46	71.97	580.75	10.54	421.53	158.10
36029.000	1.00	65.25	95.00	57.00	5590.00	72.56	.00	73.48	225.23	1.72	825.19	372.48
36029.000	1.00	65.25	95.00	57.00	7480.00	74.38	.00	74.97	116.47	7.46	1458.11	693.10
36029.000	1.00	65.25	95.00	57.00	9330.00	76.13	.00	76.46	57.95	6.02	2453.42	1225.66
36029.000	1.00	65.25	95.00	57.00	15130.00	81.62	.00	81.68	8.82	3.17	10955.49	5094.71
36043.000	14.00	65.25	95.00	57.00	2600.00	70.85	.00	71.39	187.82	6.38	483.05	189.71
36043.000	14.00	65.25	95.00	57.00	3810.00	71.78	.00	72.44	185.73	7.22	654.49	279.56
36043.000	14.00	65.25	95.00	57.00	5590.00	73.06	.00	73.76	159.26	7.72	957.45	442.96
36043.000	14.00	65.25	95.00	57.00	7480.00	74.61	.00	75.13	99.76	7.05	1568.63	748.89
36043.000	14.00	65.25	95.00	57.00	9330.00	76.23	.00	76.54	54.38	5.87	2523.11	1265.16
36043.000	14.00	65.25	95.00	57.00	15130.00	81.63	.00	81.69	8.79	3.17	10976.63	5103.82
36044.000	1.00	.00	.00	57.00	2600.00	71.30	.00	71.43	4.19	2.97	1040.96	1270.79
36044.000	1.00	.00	.00	57.00	3810.00	72.27	.00	72.49	6.52	3.92	1236.81	1491.61
36044.000	1.00	.00	.00	57.00	5590.00	73.44	.00	73.80	9.58	5.05	1559.38	1805.98
36044.000	1.00	.00	.00	57.00	7480.00	74.69	.00	75.14	11.30	5.82	2083.70	2225.62
36044.000	1.00	.00	.00	57.00	9330.00	76.15	.00	76.58	10.49	5.98	2943.96	2880.08
36044.000	1.00	.00	.00	57.00	15130.00	81.56	.00	81.72	4.14	4.56	11290.61	7435.71
36093.000	49.00	.00	.00	57.19	2600.00	71.32	.00	71.46	4.44	3.03	1009.39	1233.44
36093.000	49.00	.00	.00	57.19	3810.00	72.29	.00	72.53	6.89	3.99	1200.10	1451.31
36093.000	49.00	.00	.00	57.19	5590.00	73.48	.00	73.85	10.09	5.15	1505.84	1759.55
36093.000	49.00	.00	.00	57.19	7480.00	74.73	.00	75.20	11.90	5.94	2009.23	2168.05
36093.000	49.00	.00	.00	57.19	9330.00	76.18	.00	76.64	11.11	6.11	2838.60	2799.72
36093.000	49.00	.00	.00	57.19	15130.00	81.57	.00	81.74	4.36	4.66	10904.34	7246.57
36260.000	167.00	.00	.00	56.90	2600.00	71.46	.00	71.51	2.06	2.13	2300.73	1812.96
36260.000	167.00	.00	.00	56.90	3810.00	72.53	.00	72.61	3.05	2.72	2692.95	2178.99
36260.000	167.00	.00	.00	56.90	5590.00	73.85	.00	73.98	4.28	3.43	3193.78	2702.82
36260.000	167.00	.00	.00	56.90	7480.00	75.19	.00	75.35	5.16	4.00	3718.50	3291.81
36260.000	167.00	.00	.00	56.90	9330.00	76.60	.00	76.79	5.47	4.37	4333.81	3987.95
36260.000	167.00	.00	.00	56.90	15130.00	81.64	.00	81.82	4.18	4.55	10071.91	7399.91
36385.000	125.00	.00	.00	57.14	2600.00	71.49	.00	71.54	2.58	2.27	2741.13	1620.06
36385.000	125.00	.00	.00	57.14	3810.00	72.59	.00	72.65	3.38	2.72	3392.40	2073.47
36385.000	125.00	.00	.00	57.14	5590.00	73.95	.00	74.03	4.20	3.19	4242.73	2727.47
36385.000	125.00	.00	.00	57.14	7480.00	75.33	.00	75.42	4.57	3.49	5155.40	3497.92
36385.000	125.00	.00	.00	57.14	9330.00	76.77	.00	76.86	4.46	3.61	6160.53	4416.93
36385.000	125.00	.00	.00	57.14	15130.00	81.80	.00	81.87	3.04	3.46	10569.17	8674.15
36386.000	1.00	.00	.00	57.14	2600.00	71.49	.00	71.54	2.99	2.27	2702.92	1504.37
36386.000	1.00	.00	.00	57.14	3810.00	72.59	.00	72.65	3.81	2.70	3357.13	1951.39
36386.000	1.00	.00	.00	57.14	5590.00	73.96	.00	74.04	4.62	3.14	4212.72	2599.30
36386.000	1.00	.00	.00	57.14	7480.00	75.34	.00	75.42	4.97	3.42	5121.76	3356.57
36386.000	1.00	.00	.00	57.14	9330.00	76.78	.00	76.86	4.79	3.53	6126.92	4264.85
36386.000	1.00	.00	.00	57.14	15130.00	81.80	.00	81.87	3.18	3.37	10539.54	8479.07

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
36655.000	269.00	.00	.00	57.77	2600.00	71.58	.00	71.63	3.39	2.39	2571.86	1413.16
36655.000	269.00	.00	.00	57.77	3810.00	72.71	.00	72.77	4.44	2.85	3306.73	1808.28
36655.000	269.00	.00	.00	57.77	5590.00	74.10	.00	74.17	5.35	3.28	4445.92	2416.37
36655.000	269.00	.00	.00	57.77	7480.00	75.49	.00	75.57	5.47	3.47	5837.36	3197.59
36655.000	269.00	.00	.00	57.77	9330.00	76.93	.00	77.00	4.92	3.43	7391.40	4204.71
36655.000	269.00	.00	.00	57.77	15130.00	81.91	.00	81.95	2.75	2.98	13933.23	9124.82
36924.000	269.00	.00	.00	58.49	2600.00	71.68	.00	71.71	2.70	2.10	2932.07	1581.47
36924.000	269.00	.00	.00	58.49	3810.00	72.83	.00	72.88	3.54	2.44	3700.87	2025.37
36924.000	269.00	.00	.00	58.49	5590.00	74.24	.00	74.30	4.12	2.87	4939.28	2752.84
36924.000	269.00	.00	.00	58.49	7480.00	75.63	.00	75.69	4.23	3.13	6347.16	3638.69
36924.000	269.00	.00	.00	58.49	9330.00	77.05	.00	77.11	3.81	3.19	8092.80	4780.93
36924.000	269.00	.00	.00	58.49	15130.00	81.98	.00	82.02	2.06	2.85	15461.89	10546.87
36925.000	1.00	.00	.00	58.49	2600.00	71.68	.00	71.71	2.23	2.06	3006.38	1741.92
36925.000	1.00	.00	.00	58.49	3810.00	72.83	.00	72.88	2.89	2.48	3818.33	2239.30
36925.000	1.00	.00	.00	58.49	5590.00	74.24	.00	74.30	3.49	2.94	5016.27	2990.75
36925.000	1.00	.00	.00	58.49	7480.00	75.63	.00	75.70	3.68	3.24	6421.99	3899.50
36925.000	1.00	.00	.00	58.49	9330.00	77.05	.00	77.12	3.40	3.31	8156.28	5060.35
36925.000	1.00	.00	.00	58.49	15130.00	81.98	.00	82.02	1.92	2.99	15524.38	10913.80
37179.000	254.00	.00	.00	59.00	2600.00	71.73	.00	71.83	5.23	2.76	1931.78	1137.41
37179.000	254.00	.00	.00	59.00	3810.00	72.90	.00	73.01	5.92	3.13	2858.60	1565.62
37179.000	254.00	.00	.00	59.00	5590.00	74.32	.00	74.44	6.04	3.46	4232.16	2274.50
37179.000	254.00	.00	.00	59.00	7480.00	75.71	.00	75.83	5.46	3.58	5779.19	3199.96
37179.000	254.00	.00	.00	59.00	9330.00	77.12	.00	77.23	4.56	3.53	7413.76	4367.84
37179.000	254.00	.00	.00	59.00	15130.00	82.02	.00	82.08	2.29	3.09	13954.96	10007.46
37180.000	1.00	65.62	80.00	59.00	2600.00	71.77	.00	71.84	14.76	2.58	1879.20	676.83
37180.000	1.00	65.62	80.00	59.00	3810.00	72.96	.00	73.03	13.62	2.71	2828.76	1032.41
37180.000	1.00	65.62	80.00	59.00	5590.00	74.40	.00	74.46	11.81	2.79	4226.41	1626.71
37180.000	1.00	65.62	80.00	59.00	7480.00	75.79	.00	75.85	9.52	2.74	5786.95	2424.88
37180.000	1.00	65.62	80.00	59.00	9330.00	77.19	.00	77.24	7.36	2.62	7414.66	3438.19
37180.000	1.00	65.62	80.00	59.00	15130.00	82.06	.00	82.09	3.21	2.15	13928.53	8445.15
37181.000	1.25	65.62	80.00	59.00	2600.00	71.77	.00	71.84	14.74	2.58	1880.09	677.14
37181.000	1.25	65.62	80.00	59.00	3810.00	72.96	.00	73.03	13.61	2.70	2829.80	1032.82
37181.000	1.25	65.62	80.00	59.00	5590.00	74.40	.00	74.46	11.80	2.79	4227.54	1627.22
37181.000	1.25	65.62	80.00	59.00	7480.00	75.79	.00	75.85	9.51	2.74	5787.98	2425.48
37181.000	1.25	65.62	80.00	59.00	9330.00	77.20	.00	77.24	7.36	2.62	7415.52	3438.76
37181.000	1.25	65.62	80.00	59.00	15130.00	82.06	.00	82.09	3.21	2.15	13929.01	8445.58
37182.000	1.00	.00	.00	59.00	2600.00	71.76	.00	71.85	5.14	2.74	1952.55	1146.72
37182.000	1.00	.00	.00	59.00	3810.00	72.94	.00	73.05	5.82	3.11	2888.40	1579.78
37182.000	1.00	.00	.00	59.00	5590.00	74.37	.00	74.49	5.92	3.43	4275.41	2298.01
37182.000	1.00	.00	.00	59.00	7480.00	75.76	.00	75.88	5.35	3.55	5831.71	3235.02
37182.000	1.00	.00	.00	59.00	9330.00	77.17	.00	77.27	4.49	3.51	7461.06	4403.90
37182.000	1.00	.00	.00	59.00	15130.00	82.04	.00	82.10	2.27	3.08	13993.51	10046.36

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIMS	EG	10R'S	VCH	AREA	.01K
37228.000	47.00	.00	.00	59.00	2600.00	71.75	.00	71.94	10.58	3.50	742.74	799.44
37228.000	47.00	.00	.00	59.00	3810.00	72.89	.00	73.19	14.87	4.37	872.17	988.01
37228.000	47.00	.00	.00	59.00	5590.00	74.42	.00	74.52	6.77	3.29	4254.17	2148.83
37228.000	47.00	.00	.00	59.00	7480.00	75.80	.00	75.91	5.86	3.37	5787.76	3090.77
37228.000	47.00	.00	.00	59.00	9330.00	77.20	.00	77.29	4.77	3.32	7433.51	4272.14
37228.000	47.00	.00	.00	59.00	15130.00	82.06	.00	82.12	2.31	2.92	13940.16	9951.22
37229.000	1.00	74.17	80.00	59.00	2600.00	71.74	.00	71.94	11.71	3.60	722.97	759.95
37229.000	1.00	74.17	80.00	59.00	3810.00	72.88	.00	73.20	16.58	4.50	846.77	933.60
37229.000	1.00	74.17	80.00	59.00	5590.00	74.16	67.93	74.79	74.85	6.34	881.08	646.13
37229.000	1.00	74.17	80.00	59.00	7480.00	75.45	70.02	76.26	108.27	7.63	1660.84	718.86
37229.000	1.00	74.17	80.00	59.00	9330.00	77.06	.00	77.44	72.84	6.26	3278.36	1093.18
37229.000	1.00	74.17	80.00	59.00	15130.00	82.07	.00	82.12	12.45	2.53	9750.13	4288.70
37271.000	41.50	74.17	80.00	59.00	2600.00	71.79	.00	71.99	11.51	3.58	727.21	766.47
37271.000	41.50	74.17	80.00	59.00	3810.00	72.96	.00	73.27	16.23	4.47	853.15	945.60
37271.000	41.50	74.17	80.00	59.00	5590.00	74.48	67.93	75.10	74.50	6.33	931.15	647.63
37271.000	41.50	74.17	80.00	59.00	7480.00	76.27	.00	76.75	73.31	6.28	2462.64	873.62
37271.000	41.50	74.17	80.00	59.00	9330.00	77.47	.00	77.74	57.51	5.56	3706.22	1230.34
37271.000	41.50	74.17	80.00	59.00	15130.00	82.13	.00	82.17	12.11	2.51	9934.07	4348.09
37272.000	1.00	.00	.00	59.60	2600.00	71.81	.00	72.00	10.33	3.47	748.69	808.82
37272.000	1.00	.00	.00	59.00	3810.00	72.99	.00	73.28	14.34	4.31	883.35	1006.03
37272.000	1.00	.00	.00	59.00	5590.00	75.19	.00	75.26	4.49	2.83	5103.30	2638.89
37272.000	1.00	.00	.00	59.00	7480.00	76.79	.00	76.85	3.66	2.84	6953.81	3908.21
37272.000	1.00	.00	.00	59.00	9330.00	77.72	.00	77.80	3.84	3.07	8053.65	4760.12
37272.000	1.00	.00	.00	59.00	15130.00	82.12	.00	82.18	2.26	2.90	14240.29	10053.67
37391.000	119.00	.00	.00	58.68	2600.00	72.04	.00	72.11	4.81	2.41	2343.89	1185.77
37391.000	119.00	.00	.00	58.68	3810.00	73.36	.00	73.43	4.77	2.60	3508.52	1745.03
37391.000	119.00	.00	.00	58.68	5590.00	75.25	.00	75.31	3.66	2.63	5553.10	2922.91
37391.000	119.00	.00	.00	58.68	7480.00	76.74	.00	76.89	3.12	2.68	7385.86	4235.42
37391.000	119.00	.00	.00	58.68	9330.00	77.78	.00	77.84	3.32	2.91	8508.73	5123.57
37391.000	119.00	.00	.00	58.68	15130.00	82.15	.00	82.20	2.05	2.80	14528.49	10560.36
37740.000	349.00	.00	.00	57.87	2600.00	72.19	.00	72.23	2.45	2.14	2836.44	1660.18
37740.000	349.00	.00	.00	57.87	3810.00	73.51	.00	73.56	2.81	2.49	3620.95	2274.66
37740.000	349.00	.00	.00	57.87	5590.00	75.38	.00	75.44	2.87	2.78	4754.43	3298.41
37740.000	349.00	.00	.00	57.87	7480.00	76.95	.00	77.02	3.03	3.08	5762.95	4300.37
37740.000	349.00	.00	.00	57.87	9330.00	77.90	.00	77.98	3.54	3.47	6397.85	4959.17
37740.000	349.00	.00	.00	57.87	15130.00	82.22	.00	82.32	3.16	3.86	9834.45	8504.61
38285.000	545.00	.00	.00	61.50	2600.00	72.47	.00	72.54	8.56	2.13	1220.23	888.62
38285.000	545.00	.00	.00	61.50	3810.00	73.75	.00	73.84	6.88	2.30	1654.76	1452.81
38285.000	545.00	.00	.00	61.50	5590.00	75.58	.00	75.67	5.23	2.44	2294.27	2445.09
38285.000	545.00	.00	.00	61.50	7480.00	77.14	.00	77.24	4.64	2.62	2850.82	3473.93
38285.000	545.00	.00	.00	61.50	9330.00	78.10	.00	78.23	4.97	2.92	3200.11	4184.15
38285.000	545.00	.00	.00	61.50	15130.00	82.39	.00	82.55	4.36	3.13	4831.52	7241.91

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
38286.000	1.00	83.06	83.06	61.50	2600.00	72.47	.00	72.55	9.59	2.28	1138.65	835.03
38286.000	1.00	83.06	83.06	61.50	3810.00	73.75	.00	73.84	7.88	2.47	1539.84	1357.10
38286.000	1.00	83.06	83.06	61.50	5590.00	75.57	.00	75.68	6.00	2.63	2128.83	2282.47
38286.000	1.00	83.06	83.06	61.50	7480.00	77.13	.00	77.25	5.36	2.83	2640.37	3229.91
38286.000	1.00	83.06	83.06	61.50	9330.00	78.09	.00	78.25	5.78	3.15	2959.92	3879.57
38286.000	1.00	83.06	83.06	61.50	15130.00	82.37	.00	82.57	13.11	3.64	4162.05	4178.20
38303.000	17.00	83.06	83.06	61.50	2600.00	72.49	.00	72.57	9.60	2.20	1141.95	838.96
38303.000	17.00	83.06	83.06	61.50	3810.00	73.76	.00	73.86	7.85	2.47	1541.88	1359.93
38303.000	17.00	83.06	83.06	61.50	5590.00	75.58	.00	75.69	5.99	2.62	2129.56	2283.75
38303.000	17.00	83.06	83.06	61.50	7480.00	77.14	.00	77.26	5.36	2.83	2640.30	3229.76
38303.000	17.00	83.06	83.06	61.50	9330.00	78.10	.00	78.26	5.78	3.15	2961.12	3882.08
38303.000	17.00	83.06	83.06	61.50	15130.00	82.39	.00	82.60	13.11	3.64	4162.05	4178.20
38304.000	1.00	.00	.00	61.50	2600.00	72.50	.00	72.57	8.40	2.12	1227.23	896.92
38304.000	1.00	.00	.00	61.50	3810.00	73.78	.00	73.86	6.80	2.29	1660.66	1461.01
38304.000	1.00	.00	.00	61.50	5590.00	75.60	.00	75.69	5.16	2.43	2302.83	2459.91
38304.000	1.00	.00	.00	61.50	7480.00	77.16	.00	77.27	4.59	2.62	2859.89	3491.75
38304.000	1.00	.00	.00	61.50	9330.00	78.13	.00	78.26	4.92	2.91	3210.96	4206.97
38304.000	1.00	.00	.00	61.50	15130.00	82.46	.00	82.61	4.32	3.11	4862.19	7279.32
38503.000	199.00	.00	.00	61.82	2600.00	72.68	.00	72.75	9.48	2.20	1182.40	844.25
38503.000	199.00	.00	.00	61.82	3810.00	73.92	.00	74.01	7.59	2.38	1603.90	1382.77
38503.000	199.00	.00	.00	61.82	5590.00	75.71	.00	75.81	5.74	2.51	2228.67	2332.70
38503.000	199.00	.00	.00	61.82	7480.00	77.25	.00	77.37	5.03	2.69	2780.40	3336.58
38503.000	199.00	.00	.00	61.82	9330.00	78.23	.00	78.37	5.32	2.98	3133.48	4045.03
38503.000	199.00	.00	.00	61.82	15130.00	82.55	.00	82.70	4.47	3.18	4757.69	7155.20

LOWER CREEK, 1973 FLOO

SUMMARY PRINTOUT TABLE 150

SECTO	Q	CVSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1750.000	4700.00	22.09	.00	.00	-57.59	886.20	.00
1750.000	6940.00	23.66	1.57	.00	-56.02	996.31	.00
1750.000	10240.00	25.52	1.86	.00	-54.16	1156.88	.00
1750.000	13740.00	27.07	1.55	.00	-52.61	1296.40	.00
1750.000	17270.00	28.41	1.34	.00	-51.27	1580.43	.00
1750.000	27990.00	31.62	3.21	.00	-48.06	1817.21	.00
3640.000	4700.00	24.09	.00	2.01	.00	2079.60	1890.00
3640.000	6940.00	25.68	1.59	2.02	.00	2106.50	1890.00
3640.000	10240.00	27.53	1.84	2.01	.00	2137.99	1890.00
3640.000	13740.00	29.11	1.58	2.04	.00	2155.17	1890.00
3640.000	17270.00	30.48	1.37	2.07	.00	2166.45	1890.00
3640.000	27990.00	33.74	3.26	2.12	.00	2193.37	1890.00
4680.000	4700.00	25.49	.00	1.40	.00	666.94	1040.00
4680.000	6940.00	27.14	1.65	1.46	.00	699.36	1040.00
4680.000	10240.00	29.04	1.90	1.51	.00	732.26	1040.00
4680.000	13740.00	30.69	1.65	1.58	.00	751.66	1040.00
4680.000	17270.00	32.13	1.43	1.65	.00	768.01	1040.00
4680.000	27990.00	35.59	3.47	1.85	.00	967.08	1040.00
5635.600	4300.00	26.25	.00	.75	.00	643.89	955.60
5635.600	6320.00	27.97	1.72	.83	.00	841.01	955.60
5635.600	9290.00	29.96	2.00	.92	.00	945.57	955.60
5635.600	12420.00	31.70	1.74	1.01	.00	1019.58	955.60
5635.600	15540.00	33.22	1.52	1.09	.00	1075.38	955.60
5635.600	25160.00	36.92	3.70	1.33	.00	1194.61	955.60
5918.600	4300.00	26.33	.00	.08	.00	632.69	283.00
5918.600	6320.00	28.05	1.72	.08	.00	836.22	283.00
5918.600	9290.00	30.04	2.00	.08	.00	941.82	283.00
5918.600	12420.00	31.79	1.74	.08	.00	1015.81	283.00
5918.600	15540.00	33.30	1.52	.08	.00	1072.15	283.00
5918.600	25160.00	37.01	3.71	.08	.00	1192.64	283.00
5919.600	4300.00	26.06	.00	-.27	.00	620.27	1.00
5919.600	6320.00	27.83	1.77	-.21	.00	820.03	1.00
5919.600	9290.00	29.96	2.12	-.09	.00	937.79	1.00
5919.600	12420.00	31.74	1.78	-.05	.00	1013.85	1.00
5919.600	15540.00	33.27	1.54	-.03	.00	1071.18	1.00
5919.600	25160.00	37.00	3.73	.00	.00	1192.69	1.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
5940.400	4300.00	26.28	.00	.22	.00	630.37	20.80
5940.400	6320.00	28.04	1.76	.20	.00	835.82	20.80
5940.400	9290.00	30.06	2.02	.10	.00	942.59	20.80
5940.400	12420.00	31.79	1.73	.06	.00	1016.28	20.80
5940.400	15540.00	33.31	1.52	.04	.00	1072.35	20.80
5940.400	25160.00	37.02	3.71	.02	.00	1192.99	20.80
5941.400	4300.00	26.93	.00	.65	.00	729.33	1.00
5941.400	6320.00	28.56	1.63	.52	.00	863.70	1.00
5941.400	9290.00	30.32	1.76	.25	.00	953.42	1.00
5941.400	12420.00	31.95	1.64	.16	.00	1023.08	1.00
5941.400	15540.00	33.42	1.46	.10	.00	1076.31	1.00
5941.400	25160.00	37.04	3.63	.02	.00	1193.23	1.00
6011.400	4300.00	26.95	.00	.02	.00	727.06	70.00
6011.400	6320.00	28.59	1.64	.03	.00	863.15	70.00
6011.400	9290.00	30.35	1.77	.04	.00	953.34	70.00
6011.400	12420.00	32.00	1.64	.04	.00	1023.22	70.00
6011.400	15540.00	33.46	1.46	.05	.00	1076.57	70.00
6011.400	25160.00	37.10	3.64	.06	.00	1194.03	70.00
9750.000	4300.00	27.67	.00	.72	.00	1194.05	3739.10
9750.000	6320.00	29.32	1.65	.73	.00	1215.36	3739.10
9750.000	9290.00	31.15	1.83	.80	.00	1240.06	3739.10
9750.000	12420.00	32.83	1.68	.83	.00	1263.32	3739.10
9750.000	15540.00	34.32	1.49	.85	.00	1284.50	3739.10
9750.000	25160.00	38.03	3.71	.93	.00	1336.34	3739.10
11287.000	4300.00	28.03	.00	.36	.00	1089.55	1537.00
11287.000	6320.00	29.62	1.61	.31	.00	1111.29	1537.00
11287.000	9290.00	31.45	1.82	.30	.00	1136.02	1537.00
11287.000	12420.00	33.12	1.67	.29	.00	1158.56	1537.00
11287.000	15540.00	34.61	1.48	.29	.00	1178.64	1537.00
11287.000	25160.00	38.32	3.72	.30	.00	1228.97	1537.00
13337.000	4300.00	29.71	.00	1.68	.00	1400.66	2050.00
13337.000	6320.00	31.00	1.30	1.37	.00	1591.47	2050.00
13337.000	9290.00	33.05	2.04	1.59	.00	1785.83	2050.00
13337.000	12420.00	34.53	1.49	1.41	.00	1850.71	2050.00
13337.000	15540.00	35.89	1.36	1.28	.00	1910.08	2050.00
13337.000	25160.00	39.43	3.54	1.11	.00	2064.79	2050.00
15288.000	4300.00	34.53	.00	4.83	.00	776.29	1951.00
15288.000	6320.00	35.47	.93	4.46	.00	961.77	1951.00
15288.000	9290.00	36.48	1.02	3.44	.00	1228.17	1951.00
15288.000	12420.00	37.59	1.10	3.06	.00	1273.89	1951.00
15288.000	15540.00	38.64	1.05	2.75	.00	1283.07	1951.00
15288.000	25160.00	41.63	3.00	2.20	.00	1313.39	1951.00

SECD	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
16450.000	4300.00	35.95	.00	1.41	.00	1094.05	1162.00
16450.000	6320.00	37.11	1.16	1.64	.00	1111.08	1162.00
16450.000	9290.00	38.38	1.27	1.89	.00	1123.68	1162.00
16450.000	12420.00	39.50	1.12	1.91	.00	1134.96	1162.00
16450.000	15540.00	40.51	1.01	1.87	.00	1143.81	1162.00
16450.000	25160.00	43.30	2.79	1.67	.00	1164.77	1162.00
18692.000	4300.00	38.19	.00	2.24	.00	570.14	2242.00
18692.000	6320.00	39.43	1.24	2.33	.00	601.97	2242.00
18692.000	9290.00	40.50	1.36	2.42	.00	755.01	2242.00
18692.000	12420.00	42.02	1.22	2.52	.00	797.11	2242.00
18692.000	15540.00	43.10	1.08	2.59	.00	833.65	2242.00
18692.000	25160.00	45.93	2.83	2.63	.00	924.66	2242.00
19134.000	4300.00	38.87	.00	.68	.00	102.57	442.00
19134.000	6320.00	40.11	1.24	.68	.00	109.77	442.00
19134.000	9290.00	41.44	1.32	.64	.00	114.31	442.00
19134.000	12420.00	42.51	1.07	.69	.00	114.31	442.00
19134.000	15540.00	43.75	1.24	.65	.00	838.75	442.00
19134.000	25160.00	46.56	2.81	.63	.00	929.05	442.00
19164.000	4300.00	38.90	.00	.03	.00	102.70	29.70
19164.000	6320.00	40.17	1.27	.06	.00	110.16	29.70
19164.000	9290.00	42.22	2.05	.79	.00	114.31	29.70
19164.000	12420.00	45.64	3.42	3.13	.00	899.70	29.70
19164.000	15540.00	47.16	1.52	3.41	.00	948.10	29.70
19164.000	25160.00	49.29	2.13	2.73	.00	1033.67	29.70
19274.000	4300.00	39.56	.00	.66	.00	587.93	110.00
19274.000	6320.00	41.22	1.66	1.05	.00	746.51	110.00
19274.000	9290.00	43.62	2.40	1.33	.00	823.42	110.00
19274.000	12420.00	45.69	2.06	.05	.00	895.40	110.00
19274.000	15540.00	47.20	1.52	.05	.00	943.85	110.00
19274.000	25160.00	49.36	2.15	.07	.00	1023.51	110.00
21190.000	4300.00	41.95	.00	2.39	.00	75.19	1916.00
21190.000	6320.00	43.56	1.61	2.34	.00	654.98	1916.00
21190.000	9290.00	45.71	2.15	2.09	.00	1749.01	1916.00
21190.000	12420.00	47.30	1.58	1.61	.00	1805.09	1916.00
21190.000	15540.00	48.61	1.31	1.40	.00	1898.99	1916.00
21190.000	25160.00	50.98	2.37	1.62	.00	1934.61	1916.00
23320.000	4300.00	45.88	.00	3.93	.00	211.54	2130.00
23320.000	6320.00	47.92	2.04	4.36	.00	686.51	2130.00
23320.000	9290.00	49.40	1.48	3.69	.00	857.09	2130.00
23320.000	12420.00	50.43	1.03	3.13	.00	935.38	2130.00
23320.000	15540.00	51.42	.99	2.81	.00	959.05	2130.00
23320.000	25160.00	53.79	2.38	2.82	.00	1016.18	2130.00

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SECNO	Q	CASEL	DIFWSP	DIFWSK	DIFKMS	TOPMID	XLCH
24385.000	4300.00	47.19	.00	1.31	.00	112.28	1065.00
24385.000	6320.00	49.28	2.09	1.36	.00	1033.86	1065.00
24385.000	9290.00	50.93	1.65	1.53	.00	1359.53	1065.00
24385.000	12420.00	52.15	1.22	1.72	.00	1371.97	1065.00
24385.000	15540.00	53.20	1.05	1.79	.00	1382.68	1065.00
24385.000	25160.00	55.76	2.55	1.96	.00	1407.05	1065.00
24390.000	4300.00	46.99	.00	.21	.00	78.10	5.00
24390.000	6320.00	49.03	2.04	.25	.00	887.71	5.00
24390.000	9290.00	50.77	1.74	.16	.00	1357.85	5.00
24390.000	12420.00	52.06	1.30	.09	.00	1371.07	5.00
24390.000	15540.00	53.16	1.09	.05	.00	1382.20	5.00
24390.000	25160.00	55.76	2.61	.01	.00	1407.11	5.00
25455.000	4300.00	49.15	.00	2.16	.00	202.11	1065.00
25455.000	6320.00	51.27	2.12	2.24	.00	714.47	1065.00
25455.000	9290.00	52.88	1.62	2.11	.00	818.60	1065.00
25455.000	12420.00	54.06	1.17	1.99	.00	894.17	1065.00
25455.000	15540.00	55.09	1.03	1.93	.00	956.05	1065.00
25455.000	25160.00	57.63	2.54	1.87	.00	986.58	1065.00
27385.000	4300.00	51.94	.00	2.79	.00	764.79	1930.00
27385.000	6320.00	53.76	1.82	2.50	.00	814.53	1930.00
27385.000	9290.00	55.55	1.79	2.67	.00	876.50	1930.00
27385.000	12420.00	57.03	1.53	3.03	.00	933.92	1930.00
27385.000	15540.00	58.26	1.18	3.17	.00	948.10	1930.00
27385.000	25160.00	61.17	2.91	3.54	.00	985.33	1930.00
27422.000	4300.00	51.66	.00	.29	.00	439.45	37.00
27422.000	6320.00	53.54	1.88	.22	.00	610.53	37.00
27422.000	9290.00	55.38	1.84	.17	.00	777.75	37.00
27422.000	12420.00	56.94	1.56	.15	.00	898.02	37.00
27422.000	15540.00	58.14	1.20	.13	.00	920.19	37.00
27422.000	25160.00	61.07	2.94	.09	.00	967.65	37.00
27605.000	4300.00	52.86	.00	1.20	.00	549.28	183.00
27605.000	6320.00	54.45	1.59	.91	.00	704.67	183.00
27605.000	9290.00	56.13	1.68	.75	.00	883.51	183.00
27605.000	12420.00	57.57	1.44	.64	.00	910.16	183.00
27605.000	15540.00	58.74	1.16	.60	.00	931.65	183.00
27605.000	25160.00	61.64	2.90	.56	.00	974.66	183.00
27606.000	4300.00	53.07	.00	.21	.00	567.35	1.00
27606.000	6320.00	54.70	1.64	.25	.00	726.16	1.00
27606.000	9290.00	56.39	1.69	.26	.00	889.31	1.00
27606.000	12420.00	57.83	1.44	.26	.00	914.90	1.00
27606.000	15540.00	59.00	1.17	.26	.00	936.53	1.00
27606.000	25160.00	61.93	2.93	.29	.00	978.18	1.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
27614.000	4300.00	53.14	.00	.08	.00	573.96	8.00
27614.000	6320.00	54.75	1.61	.04	.00	729.05	8.00
27614.000	9290.00	56.42	1.67	.03	.00	888.70	8.00
27614.000	12420.00	57.86	1.43	.03	.00	915.24	8.00
27614.000	15540.00	59.02	1.17	.02	.00	936.85	8.00
27614.000	25160.00	61.95	2.93	.02	.00	978.37	8.00
27615.000	4300.00	53.03	.00	-.06	.00	568.75	1.00
27615.000	6320.00	54.67	1.59	-.08	.00	723.29	1.00
27615.000	9290.00	56.34	1.67	-.08	.00	887.36	1.00
27615.000	12420.00	57.77	1.43	-.08	.00	913.82	1.00
27615.000	15540.00	58.94	1.16	-.09	.00	935.33	1.00
27615.000	25160.00	61.85	2.92	-.10	.00	977.22	1.00
27660.000	3930.00	53.26	.00	.18	.00	578.59	45.00
27660.000	5790.00	54.83	1.57	.16	.00	730.33	45.00
27660.000	8520.00	56.49	1.65	.15	.00	888.76	45.00
27660.000	11420.00	57.91	1.42	.14	.00	915.04	45.00
27660.000	14180.00	59.08	1.17	.14	.00	936.67	45.00
27660.000	23150.00	62.00	2.92	.15	.00	978.13	45.00
28654.000	3930.00	54.69	.00	1.43	.00	792.99	994.00
28654.000	5790.00	56.14	1.45	1.31	.00	809.83	994.00
28654.000	8520.00	57.72	1.58	1.23	.00	828.15	994.00
28654.000	11420.00	59.09	1.38	1.19	.00	844.12	994.00
28654.000	14180.00	60.24	1.15	1.16	.00	858.30	994.00
28654.000	23150.00	63.18	2.94	1.19	.00	896.59	994.00
28929.000	3930.00	55.05	.00	.35	.00	792.52	275.00
28929.000	5790.00	56.47	1.43	.34	.00	809.11	275.00
28929.000	8520.00	58.05	1.57	.33	.00	827.35	275.00
28929.000	11420.00	59.42	1.37	.33	.00	843.36	275.00
28929.000	14180.00	60.57	1.14	.33	.00	857.46	275.00
28929.000	23150.00	63.53	2.96	.34	.00	895.88	275.00
28930.000	3930.00	55.08	.00	.04	.00	792.98	1.00
28930.000	5790.00	56.64	1.56	.17	.00	811.07	1.00
28930.000	8520.00	58.27	1.63	.22	.00	829.96	1.00
28930.000	11420.00	59.67	1.40	.25	.00	846.22	1.00
28930.000	14180.00	60.84	1.16	.27	.00	860.88	1.00
28930.000	23150.00	63.85	3.02	.33	.00	900.11	1.00
28931.000	3930.00	55.09	.00	.00	.00	793.00	.67
28931.000	5790.00	56.64	1.56	.00	.00	811.07	.67
28931.000	8520.00	58.27	1.63	.00	.00	829.96	.67
28931.000	11420.00	59.67	1.40	.00	.00	846.22	.67
28931.000	14180.00	60.84	1.16	.00	.00	860.88	.67
28931.000	23150.00	63.86	3.02	.00	.00	900.12	.67

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SECNO	Q	CMSL	DIFHSP	DIFMSK	DIFRVS	TOPWID	XLCH
28932.000	3930.00	55.08	.00	-.01	.00	793.00	1.00
28932.000	5790.00	56.59	1.51	-.05	.00	810.47	1.00
28932.000	8520.00	58.20	1.61	-.07	.00	829.11	1.00
28932.000	11420.00	59.59	1.39	-.08	.00	845.24	1.00
28932.000	14180.00	60.75	1.16	-.09	.00	859.70	1.00
28932.000	23150.00	63.74	3.00	-.11	.00	898.65	1.00
28999.000	3830.00	55.18	.00	.10	.00	792.83	67.00
28999.000	5640.00	56.69	1.51	.10	.00	810.30	67.00
28999.000	8310.00	58.29	1.60	.09	.00	828.91	67.00
28999.000	11140.00	59.68	1.39	.09	.00	845.17	67.00
28999.000	13840.00	60.84	1.16	.10	.00	859.59	67.00
28999.000	22620.00	63.84	3.00	.10	.00	898.58	67.00
29965.000	3830.00	56.53	.00	1.35	.00	768.24	966.00
29965.000	5640.00	57.94	1.41	1.25	.00	829.01	966.00
29965.000	8310.00	59.48	1.54	1.19	.00	868.60	966.00
29965.000	11140.00	60.84	1.36	1.16	.00	903.42	966.00
29965.000	13840.00	61.98	1.14	1.14	.00	932.72	966.00
29965.000	22620.00	65.00	3.02	1.16	.00	1010.08	966.00
31000.000	3830.00	58.27	.00	1.74	.00	103.68	1035.00
31000.000	5640.00	59.68	1.41	1.74	.00	125.90	1035.00
31000.000	8310.00	61.21	1.53	1.72	.00	507.61	1035.00
31000.000	11140.00	62.53	1.32	1.69	.00	525.90	1035.00
31000.000	13840.00	63.63	1.10	1.65	.00	541.15	1035.00
31000.000	22620.00	66.58	2.94	1.58	.00	571.06	1035.00
31300.000	3830.00	58.88	.00	.61	.00	291.35	300.00
31300.000	5640.00	60.54	1.66	.86	.00	456.83	300.00
31300.000	8310.00	62.37	1.83	1.17	.00	475.53	300.00
31300.000	11140.00	63.87	1.50	1.34	.00	490.84	300.00
31300.000	13840.00	65.09	1.22	1.46	.00	502.89	300.00
31300.000	22620.00	68.24	3.15	1.66	.00	558.59	300.00
32381.000	3320.00	60.85	.00	1.97	.00	510.03	1081.00
32381.000	4970.00	62.55	1.70	2.01	.00	521.95	1081.00
32381.000	7320.00	64.45	1.89	2.07	.00	535.20	1081.00
32381.000	9800.00	66.03	1.58	2.15	.00	561.40	1081.00
32381.000	12190.00	67.31	1.28	2.22	.00	592.10	1081.00
32381.000	19880.00	70.67	3.36	2.43	.00	721.72	1081.00
32692.000	3380.00	61.99	.00	1.14	.00	80.11	311.00
32692.000	4970.00	63.19	1.20	.64	.00	80.37	311.00
32692.000	7320.00	64.80	1.61	.36	.00	83.00	311.00
32692.000	9800.00	66.15	1.35	.13	.00	83.00	311.00
32692.000	12190.00	67.23	1.08	-.07	.00	83.00	311.00
32692.000	19880.00	69.95	2.72	-.72	.00	110.01	311.00

SECHO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
32693.000	3380.00	61.96	.00	-.03	.00	80.04	1.00
32693.000	4970.00	63.14	1.18	-.05	.00	84.25	1.00
32693.000	7320.00	64.72	1.57	-.09	.00	97.23	1.00
32693.000	9800.00	66.02	1.30	-.14	.00	110.75	1.00
32693.000	12190.00	67.04	1.02	-.19	.00	121.38	1.00
* 32693.000	19880.00	73.06	6.02	3.11	.00	487.86	1.00
32718.000	3380.00	62.02	.00	.06	.00	80.17	25.00
32718.000	4970.00	63.23	1.21	.09	.00	84.56	25.00
32718.000	7320.00	64.84	1.61	.13	.00	98.55	25.00
32718.000	9800.00	66.19	1.35	.18	.00	112.58	25.00
32718.000	12190.00	67.28	1.08	.24	.00	123.83	25.00
32718.000	19880.00	75.54	8.26	2.48	.00	660.00	25.00
32719.000	3380.00	62.10	.00	.09	.00	80.16	1.00
32719.000	4970.00	63.38	1.28	.15	.00	80.71	1.00
32719.000	7320.00	65.12	1.74	.28	.00	83.00	1.00
32719.000	9800.00	66.64	1.52	.45	.00	83.00	1.00
32719.000	12190.00	67.93	1.29	.65	.00	83.00	1.00
32719.000	19880.00	75.57	7.64	.03	.00	660.00	1.00
32796.000	3380.00	62.01	.00	-.09	.00	49.15	77.00
32796.000	4970.00	63.19	1.17	-.20	.00	53.42	77.00
32796.000	7320.00	64.75	1.57	-.37	.00	59.10	77.00
32796.000	9800.00	66.02	1.27	-.62	.00	65.12	77.00
32796.000	12190.00	67.02	1.00	-.91	.00	70.09	77.00
32796.000	19880.00	74.12	7.10	-1.45	.00	89.94	77.00
32875.000	3380.00	63.54	.00	1.53	.00	124.58	79.00
32875.000	4970.00	65.64	2.10	2.46	.00	135.51	79.00
32875.000	7320.00	68.44	2.79	3.69	.00	135.51	79.00
32875.000	9800.00	71.05	2.62	5.04	.00	135.51	79.00
32875.000	12190.00	73.74	2.69	6.73	.00	1369.50	79.00
32875.000	19880.00	80.01	6.27	5.89	.00	2397.78	79.00
32907.000	3380.00	63.54	.00	.00	.00	124.58	32.30
32907.000	4970.00	65.65	2.11	.00	.00	135.51	32.30
32907.000	7320.00	68.44	2.80	.01	.00	135.51	32.30
32907.000	9800.00	71.38	2.94	.33	.00	720.65	32.30
32907.000	12190.00	73.89	2.51	.15	.00	1386.33	32.30
32907.000	19880.00	80.09	6.20	.08	.00	2400.24	32.30
32919.000	3380.00	63.57	.00	.02	.00	288.02	12.00
32919.000	4970.00	65.70	2.13	.05	.00	411.01	12.00
32919.000	7320.00	68.57	2.87	.12	.00	530.80	12.00
32919.000	9800.00	71.49	2.92	.11	.00	1917.69	12.00
32919.000	12190.00	73.89	2.40	.00	.00	1386.60	12.00
32919.000	19880.00	80.09	6.20	.00	.00	2397.50	12.00

SECNO	Q	CWSEL	DIFWSP	DIFWSK	DIFKWS	TOPWID	XLCH
32931.000	3380.00	63.57	.00	.00	.00	288.42	12.00
32931.000	4970.00	65.70	2.13	.00	.00	411.32	12.00
32931.000	7320.00	68.57	2.87	.00	.00	530.93	12.00
32931.000	9800.00	71.49	2.92	.00	.00	1018.85	12.00
32931.000	12190.00	73.89	2.40	.00	.00	1366.39	12.00
32931.000	19880.00	80.09	6.20	.00	.00	2397.50	12.00
32932.000	3380.00	63.59	.00	.02	.00	288.66	1.00
32932.000	4970.00	65.75	2.16	.04	.00	413.97	1.00
32932.000	7320.00	68.65	2.90	.08	.00	532.94	1.00
32932.000	9800.00	71.58	2.93	.09	.00	1044.57	1.00
32932.000	12190.00	73.97	2.39	.08	.00	1395.28	1.00
32932.000	19880.00	80.14	6.17	.05	.00	2397.50	1.00
32933.000	3380.00	63.59	.00	.00	.00	288.92	.67
32933.000	4970.00	65.75	2.16	.00	.00	414.00	.67
32933.000	7320.00	68.65	2.90	.00	.00	532.95	.67
32933.000	9800.00	71.58	2.93	.00	.00	1044.67	.67
32933.000	12190.00	73.97	2.39	.00	.00	1395.30	.67
32933.000	19880.00	80.14	6.17	.00	.00	2397.50	.67
32934.000	3380.00	63.58	.00	-.01	.00	288.97	1.00
32934.000	4970.00	65.73	2.15	-.02	.00	413.59	1.00
32934.000	7320.00	68.62	2.89	-.03	.00	532.22	1.00
32934.000	9800.00	71.55	2.93	-.03	.00	1035.18	1.00
32934.000	12190.00	73.94	2.40	-.03	.00	1392.02	1.00
32934.000	19880.00	80.12	6.18	-.02	.00	2397.50	1.00
33041.000	3380.00	63.61	.00	.03	.00	273.69	107.00
33041.000	4970.00	65.77	2.15	.03	.00	380.74	107.00
33041.000	7320.00	68.65	2.88	.03	.00	517.73	107.00
33041.000	9800.00	71.57	2.92	.02	.00	869.40	107.00
33041.000	12190.00	73.96	2.39	.01	.00	1330.20	107.00
33041.000	19880.00	80.13	6.18	.01	.00	2316.26	107.00
33660.000	3380.00	64.61	.00	1.00	.00	476.06	619.00
33660.000	4970.00	66.56	1.95	.80	.00	695.60	619.00
33660.000	7320.00	69.19	2.63	.54	.00	937.91	619.00
33660.000	9800.00	71.94	2.75	.37	.00	1721.02	619.00
33660.000	12190.00	74.22	2.29	.27	.00	1758.05	619.00
33660.000	19880.00	80.26	6.03	.13	.00	2610.00	619.00
33995.000	3380.00	65.69	.00	1.08	.00	550.81	335.00
33995.000	4970.00	67.24	1.55	.67	.00	616.68	335.00
33995.000	7320.00	69.53	2.30	.34	.00	683.95	335.00
33995.000	9800.00	72.08	2.54	.14	.00	1462.80	335.00
33995.000	12190.00	74.29	2.22	.07	.00	1551.28	335.00
33995.000	19880.00	80.27	5.98	.02	.00	1980.00	335.00

SECNO	Q	CNSEL	DIFNSP	DIFNSX	DIFKNS	TOPWID	XLCH
34246.000	3380.00	66.12	.00	.44	.00	572.50	251.00
34246.000	4970.00	67.71	1.58	.47	.00	629.22	251.00
34246.000	7320.00	69.88	2.17	.35	.00	686.87	251.00
34246.000	9800.00	72.30	2.42	.22	.00	1455.18	251.00
34246.000	12190.00	74.45	2.15	.16	.00	1553.21	251.00
34246.000	19880.00	80.37	5.91	.09	.00	1980.00	251.00
34247.000	3380.00	66.15	.00	.03	.00	573.47	1.00
34247.000	4970.00	67.87	1.72	.16	.00	635.17	1.00
34247.000	7320.00	70.06	2.19	.18	.00	1283.63	1.00
34247.000	9800.00	72.43	2.38	.14	.00	1468.44	1.00
34247.000	12190.00	74.56	3.13	.11	.00	1558.58	1.00
34247.000	19880.00	80.44	5.88	.08	.00	1980.00	1.00
34248.000	3380.00	66.16	.00	.00	.00	573.55	.67
34248.000	4970.00	67.87	1.72	.00	.00	635.19	.67
34248.000	7320.00	70.06	2.18	.00	.00	1283.70	.67
34248.000	9800.00	72.44	2.38	.00	.00	1468.45	.67
34248.000	12190.00	74.56	2.13	.00	.00	1558.61	.67
34248.000	19880.00	80.44	5.88	.00	.00	1980.00	.67
34249.000	3380.00	66.15	.00	.01	.00	573.61	1.00
34249.000	4970.00	67.82	1.67	.05	.00	633.37	1.00
34249.000	7320.00	70.00	2.18	.06	.00	1278.39	1.00
34249.000	9800.00	72.39	2.39	.05	.00	1467.31	1.00
34249.000	12190.00	74.52	2.14	.04	.00	1556.68	1.00
34249.000	19880.00	80.42	5.89	.03	.00	1980.00	1.00
34311.000	3380.00	66.24	.00	.09	.00	574.03	62.00
34311.000	4970.00	67.91	1.67	.09	.00	634.01	62.00
34311.000	7320.00	70.07	2.16	.07	.00	1278.43	62.00
34311.000	9800.00	72.44	2.37	.05	.00	1466.83	62.00
34311.000	12190.00	74.56	2.12	.04	.00	1555.42	62.00
34311.000	19880.00	80.44	5.88	.02	.00	1980.00	62.00
34784.000	3380.00	66.83	.00	.59	.00	213.53	473.00
34784.000	4970.00	68.44	1.61	.53	.00	249.75	473.00
34784.000	7320.00	70.46	2.02	.39	.00	566.97	473.00
34784.000	9800.00	72.66	2.20	.22	.00	810.30	473.00
34784.000	12190.00	74.67	2.01	.11	.00	887.50	473.00
34784.000	19880.00	80.37	5.70	.07	.00	1537.95	473.00
35069.000	3380.00	67.07	.00	.24	.00	77.21	285.00
35069.000	4970.00	68.70	1.64	.26	.00	77.21	285.00
35069.000	7320.00	70.77	2.07	.31	.00	334.15	285.00
35069.000	9800.00	73.08	2.31	.42	.00	812.99	285.00
35069.000	12190.00	75.15	2.07	.48	.00	892.52	285.00
35069.000	19880.00	81.04	5.88	.66	.00	1540.57	285.00

SECHO	Q	CMSEL	DIFUSP	DIFUSX	DIFKNS	TOPUID	XLCH
35101.000	3380.00	67.35	.00	.29	.00	77.21	32.00
35101.000	4970.00	69.54	2.19	.84	.00	77.21	32.00
35101.000	7320.00	72.27	2.73	1.50	.00	729.14	32.00
35101.000	9800.00	73.74	1.47	.66	.00	838.41	32.00
35101.000	12190.00	75.29	1.55	.14	.00	897.79	32.00
35101.000	19880.00	81.04	5.75	.00	.00	1540.57	32.00
35171.000	3380.00	67.52	.00	.17	.00	216.97	70.50
35171.000	4970.00	69.83	2.31	.29	.00	268.98	70.50
35171.000	7320.00	72.33	2.50	.06	.00	715.70	70.50
35171.000	9800.00	73.82	1.49	.08	.00	833.26	70.50
35171.000	12190.00	75.38	1.56	.09	.00	894.01	70.50
35171.000	19880.00	81.12	5.74	.08	.00	1539.67	70.50
35310.000	2600.00	67.68	.00	.16	.00	637.59	139.00
35310.000	3810.00	70.02	2.34	.19	.00	733.82	139.00
35310.000	5590.00	72.54	2.52	.20	.00	819.58	139.00
35310.000	7480.00	74.06	1.52	.23	.00	857.67	139.00
35310.000	9330.00	75.60	1.55	.22	.00	1157.17	139.00
35310.000	15130.00	81.23	5.63	.12	.00	2028.56	139.00
35460.000	2600.00	67.87	.00	.20	.00	701.83	150.00
35460.000	3810.00	70.21	2.34	.19	.00	1014.25	150.00
35460.000	5590.00	72.74	2.53	.20	.00	1041.04	150.00
35460.000	7480.00	74.30	1.56	.24	.00	1057.57	150.00
35460.000	9330.00	75.87	1.57	.26	.00	1386.60	150.00
35460.000	15130.00	81.44	5.57	.20	.00	2100.00	150.00
35829.000	2600.00	68.00	.00	.12	.00	101.10	369.00
35829.000	3810.00	70.24	2.25	.03	.00	154.51	369.00
35829.000	5590.00	72.69	2.45	-.05	.00	290.34	369.00
35829.000	7480.00	74.22	1.53	-.08	.00	478.05	369.00
35829.000	9330.00	75.79	1.56	-.08	.00	693.11	369.00
35829.000	15130.00	81.43	5.64	-.01	.00	2338.65	369.00
36028.000	2600.00	68.24	.00	.25	.00	99.97	199.00
36028.000	3810.00	70.47	2.23	.23	.00	150.43	199.00
36028.000	5590.00	72.91	2.44	.21	.00	277.47	199.00
36028.000	7480.00	74.45	1.54	.23	.00	466.26	199.00
36028.000	9330.00	75.99	1.54	.20	.00	666.23	199.00
36028.000	15130.00	81.50	5.51	.07	.00	2318.26	199.00
* 36029.000	2600.00	69.54	.00	1.30	.00	120.13	1.00
* 36029.000	3810.00	70.46	.92	-.01	.00	150.19	1.00
36029.000	5590.00	72.56	2.09	-.35	.00	238.94	1.00
36029.000	7480.00	74.38	1.82	-.07	.00	457.90	1.00
36029.000	9330.00	76.13	1.75	.14	.00	696.44	1.00
36029.000	15130.00	81.62	5.49	.12	.00	2327.90	1.00

SECNO	Q	CVSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
36043.000	2600.00	70.85	.00	1.31	.00	165.84	14.00
36043.000	3810.00	71.78	.93	1.32	.00	203.18	14.00
36043.000	5590.00	73.06	1.28	.50	.00	294.18	14.00
36043.000	7480.00	74.61	1.55	.23	.00	485.33	14.00
36043.000	9330.00	76.23	1.62	.10	.00	717.92	14.00
36043.000	15130.00	81.63	5.40	.01	.00	2328.61	14.00
36044.000	2600.00	71.30	.00	.45	.00	183.87	1.00
36044.000	3810.00	72.27	.96	.48	.00	222.60	1.00
36044.000	5590.00	73.44	1.17	.38	.00	347.78	1.00
36044.000	7480.00	74.69	1.25	.07	.00	493.89	1.00
36044.000	9330.00	76.15	1.46	-.08	.00	699.86	1.00
36044.000	15130.00	81.56	5.41	-.07	.00	2322.99	1.00
36093.000	2600.00	71.32	.00	.02	.00	176.83	49.00
36093.000	3810.00	72.29	.97	.03	.00	215.87	49.00
36093.000	5590.00	73.48	1.19	.04	.00	325.75	49.00
36093.000	7480.00	74.73	1.25	.04	.00	475.88	49.00
36093.000	9330.00	76.18	1.45	.04	.00	666.89	49.00
36093.000	15130.00	81.57	5.39	.01	.00	2309.83	49.00
36260.000	2600.00	71.46	.00	.14	.00	361.53	167.00
36260.000	3810.00	72.53	1.07	.24	.00	371.61	167.00
36260.000	5590.00	73.85	1.32	.38	.00	385.63	167.00
36260.000	7480.00	75.19	1.33	.46	.00	403.70	167.00
36260.000	9330.00	76.60	1.41	.42	.00	587.13	167.00
36260.000	15130.00	81.64	5.04	.07	.00	1338.46	167.00
36385.000	2600.00	71.49	.00	.03	.00	583.19	125.00
36385.000	3810.00	72.59	1.10	.06	.00	610.19	125.00
36385.000	5590.00	73.95	1.36	.10	.00	643.73	125.00
36385.000	7480.00	75.33	1.38	.14	.00	678.55	125.00
36385.000	9330.00	76.77	1.44	.17	.00	717.06	125.00
36385.000	15130.00	81.80	5.03	.16	.00	936.67	125.00
36386.000	2600.00	71.49	.00	.00	.00	583.01	1.00
36386.000	3810.00	72.59	1.10	.00	.00	610.13	1.00
36386.000	5590.00	73.96	1.37	.01	.00	643.89	1.00
36386.000	7480.00	75.34	1.38	.01	.00	678.56	1.00
36386.000	9330.00	76.78	1.44	.01	.00	717.07	1.00
36386.000	15130.00	81.80	5.03	.01	.00	936.67	1.00
36655.000	2600.00	71.58	.00	.09	.00	581.46	269.00
36655.000	3810.00	72.71	1.12	.11	.00	728.12	269.00
36655.000	5590.00	74.10	1.39	.14	.00	909.88	269.00
36655.000	7480.00	75.49	1.39	.15	.00	1049.29	269.00
36655.000	9330.00	76.93	1.44	.15	.00	1109.30	269.00
36655.000	15130.00	81.91	4.98	.11	.00	1424.26	269.00

SECHO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
36924.000	2600.00	71.68	.00	.09	.00	631.60	269.00
36924.000	3810.00	72.83	1.16	.13	.00	766.54	269.00
36924.000	5590.00	74.24	1.41	.15	.00	928.33	269.00
36924.000	7480.00	75.63	1.39	.14	.00	1103.67	269.00
36924.000	9330.00	77.05	1.42	.12	.00	1431.99	269.00
36924.000	15130.00	81.98	4.93	.07	.00	1567.06	269.00
36925.000	2600.00	71.68	.00	.00	.00	637.69	1.00
36925.000	3810.00	72.83	1.15	.00	.00	767.47	1.00
36925.000	5590.00	74.24	1.41	.00	.00	929.04	1.00
36925.000	7480.00	75.63	1.39	.01	.00	1104.14	1.00
36925.000	9330.00	77.05	1.42	-.01	.00	1431.85	1.00
36925.000	15130.00	81.98	4.93	.00	.00	1566.88	1.00
37179.000	2600.00	71.73	.00	.06	.00	711.78	254.00
37179.000	3810.00	72.90	1.17	.07	.00	871.59	254.00
37179.000	5590.00	74.32	1.42	.08	.00	1051.53	254.00
37179.000	7480.00	75.71	1.39	.08	.00	1144.94	254.00
37179.000	9330.00	77.12	1.41	.08	.00	1169.04	254.00
37179.000	15130.00	82.02	4.89	.04	.00	1415.0C	254.00
37180.000	2600.00	71.77	.00	.03	.00	716.04	1.00
37180.000	3810.00	72.96	1.19	.06	.00	878.69	1.00
37180.000	5590.00	74.40	1.44	.07	.00	1059.51	1.00
37180.000	7480.00	75.79	1.39	.08	.00	1146.17	1.00
37180.000	9330.00	77.19	1.41	.07	.00	1170.15	1.00
37180.000	15130.00	82.06	4.86	.04	.00	1415.00	1.00
37181.000	2600.00	71.77	.00	.00	.00	716.21	1.25
37181.000	3810.00	72.96	1.19	.00	.00	878.86	1.25
37181.000	5590.00	74.40	1.44	.00	.00	1059.64	1.25
37181.000	7480.00	75.79	1.39	.00	.00	1146.19	1.25
37181.000	9330.00	77.20	1.41	.00	.00	1170.16	1.25
37181.000	15130.00	82.06	4.86	.00	.00	1415.00	1.25
37182.000	2600.00	71.76	.00	-.01	.00	715.71	1.00
37182.000	3810.00	72.94	1.18	-.02	.00	876.27	1.00
37182.000	5590.00	74.37	1.43	-.03	.00	1056.51	1.00
37182.000	7480.00	75.76	1.39	-.03	.00	1145.72	1.00
37182.000	9330.00	77.17	1.41	-.03	.00	1169.73	1.00
37182.000	15130.00	82.04	4.87	-.02	.00	1415.00	1.00
37228.000	2600.00	71.75	.00	-.01	.00	107.57	47.00
37228.000	3810.00	72.89	1.15	-.05	.00	117.09	47.00
37228.000	5590.00	74.42	1.53	.05	.00	1053.00	47.00
37228.000	7480.00	75.80	1.39	.04	.00	1127.99	47.00
37228.000	9330.00	77.20	1.40	.03	.00	1170.20	47.00
37228.000	15130.00	82.06	4.85	.02	.00	1415.00	47.00

SECTO	Q	CMSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
37229.000	2600.00	71.74	.00	.00	.00	711.99	1.00
37229.000	3810.00	72.88	1.14	-.01	.00	869.65	1.00
37229.000	5590.00	74.16	1.28	-.26	.00	1030.76	1.00
37229.000	7480.00	75.45	1.29	-.35	.00	1140.41	1.00
37229.000	9330.00	77.06	1.61	-.14	.00	1167.92	1.00
37229.000	15130.00	82.07	5.01	.01	.00	1415.00	1.00
37271.000	2600.00	71.79	.00	.05	.00	717.52	41.50
37271.000	3810.00	72.96	1.16	.07	.00	877.29	41.50
37271.000	5590.00	74.48	1.52	.32	.00	1069.02	41.50
37271.000	7480.00	76.27	1.80	.82	.00	1154.38	41.50
37271.000	9330.00	77.47	1.19	.40	.00	1176.60	41.50
37271.000	15130.00	82.13	4.66	.05	.00	1415.00	41.50
37272.000	2600.00	71.81	.00	.02	.00	107.83	1.00
37272.000	3810.00	72.99	1.18	.03	.00	117.64	1.00
37272.000	5590.00	75.19	2.20	.71	.00	1121.90	1.00
37272.000	7480.00	76.79	1.60	.51	.00	1163.19	1.00
37272.000	9330.00	77.72	.94	.26	.00	1200.29	1.00
37272.000	15130.00	82.12	4.40	.00	.00	1415.00	1.00
37391.000	2600.00	72.04	.00	.23	.00	797.92	119.00
37391.000	3810.00	73.36	1.31	.37	.00	971.96	119.00
37391.000	5590.00	75.25	1.90	.06	.00	1142.46	119.00
37391.000	7480.00	76.84	1.59	.05	.00	1169.51	119.00
37391.000	9330.00	77.78	.94	.05	.00	1235.53	119.00
37391.000	15130.00	82.15	4.38	.03	.00	1415.00	119.00
37740.000	2600.00	72.19	.00	.15	.00	590.34	349.00
37740.000	3810.00	73.51	1.32	.16	.00	599.57	349.00
37740.000	5590.00	75.33	1.87	.13	.00	619.33	349.00
37740.000	7480.00	76.95	1.57	.11	.00	658.27	349.00
37740.000	9330.00	77.90	.95	.12	.00	681.65	349.00
37740.000	15130.00	82.22	4.53	.07	.00	813.37	349.00
38285.000	2600.00	72.47	.00	.28	.00	335.51	545.00
38285.000	3810.00	73.75	1.28	.24	.00	343.35	545.00
38285.000	5590.00	75.58	1.82	.20	.00	355.08	545.00
38285.000	7480.00	77.14	1.56	.19	.00	359.93	545.00
38285.000	9330.00	78.10	.97	.20	.00	362.94	545.00
38285.000	15130.00	82.39	4.29	.17	.00	445.73	545.00
38286.000	2600.00	72.47	.00	.00	.00	335.52	1.00
38286.000	3810.00	73.75	1.28	-.01	.00	343.36	1.00
38286.000	5590.00	75.57	1.82	-.01	.00	355.08	1.00
38286.000	7480.00	77.13	1.56	-.01	.00	359.93	1.00
38286.000	9330.00	78.09	.96	-.01	.00	362.92	1.00
38286.000	15130.00	82.37	4.28	-.03	.00	444.35	1.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
38303.000	2600.00	72.49	.00	.02	.00	335.57	17.00
38303.000	3810.00	73.76	1.28	.01	.00	343.41	17.00
38303.000	5590.00	75.58	1.82	.01	.00	355.09	17.00
38303.000	7480.00	77.14	1.55	.01	.00	359.93	17.00
38303.000	9330.00	78.10	.97	.01	.00	362.94	17.00
38303.000	15130.00	82.39	4.29	.02	.00	445.15	17.00
38304.000	2600.00	72.50	.00	.01	.00	335.62	1.00
38304.000	3810.00	73.78	1.28	.02	.00	343.50	1.00
38304.000	5590.00	75.60	1.82	.02	.00	355.16	1.00
38304.000	7480.00	77.16	1.56	.02	.00	360.01	1.00
38304.000	9330.00	78.13	.97	.03	.00	363.03	1.00
38304.000	15130.00	82.46	4.33	.07	.00	449.41	1.00
38503.000	2600.00	72.68	.00	.18	.00	334.92	199.00
38503.000	3810.00	73.92	1.24	.14	.00	342.03	199.00
38503.000	5590.00	75.71	1.79	.11	.00	354.51	199.00
38503.000	7480.00	77.25	1.54	.09	.00	359.32	199.00
38503.000	9330.00	78.23	.98	.10	.00	362.37	199.00
38503.000	15130.00	82.55	4.32	.08	.00	436.56	199.00

THIS RUN EXECUTED 01-31-86 04:17:01

 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 CALDWELL CO/LENDIR, NC FIS
 T2 FILENAME: LW.HEC ENG: SKE EA: DLY CMM 2320
 T3 LOWER CREEK, DATE: 01/31/86 100-YEAR EVENT

J1	ICHECK	INQ	HINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	6.	0.	0.	.001073	.00	.0	0.	79.680	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	.000	.000	.000	.000	.000	.000	.000	.000
J6	IHLQ	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	10.410	.000
QT	7.000	4700.000	6940.000	10240.000	13740.000	17270.000	27990.000	17270.000	.000	.000
HC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.220	5790.000	.180	5950.000	.046	6015.000	.150	7010.000	.000

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATIONS.

QT VALUES REPRESENT THE FOLLOWING EVENTS.
 4-YR. 10-YR. 25-YR. 50-YR. 100-YR. 500-YR.
 1973. 1977.

LOWER CREEK.

X-SECTION LCA-1

X1	1750.000	19.000	5950.000	6015.000	.000	.000	.000	.000	.000	.000
X4	1.000	18.000	5790.000	.000	.000	.000	.000	.000	.000	.000
GR	40.000	5000.000	32.000	5030.000	28.000	5180.000	24.000	5440.000	20.000	5630.000
GR	20.000	5950.000	10.800	5953.000	9.800	5982.500	10.800	6012.000	20.000	6015.000
GK	20.000	6350.000	18.000	6235.000	20.000	6370.000	24.000	6460.000	28.000	6560.000
GR	28.000	6730.000	32.000	6875.000	36.000	6940.000	40.000	7010.000	.000	.000

NH	6.000	100.000	5555.000	.180	5785.500	.046	5873.500	.090	5950.000	.160
NH	6250.000	100.000	7245.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5472.000	5122.000

X-SECTION LCA

X1	3640.000	49.000	5785.500	5873.500	1830.000	1900.000	1890.000	.600	.000	.000
GR	40.000	5000.000	20.000	5040.000	19.000	5070.000	20.000	5085.000	21.000	5120.000
GR	23.000	5185.000	21.000	5225.000	20.000	5250.000	19.000	5280.000	20.000	5305.000
GR	21.000	5335.000	23.000	5410.000	22.000	5485.000	23.000	5555.000	22.000	5625.000
GR	23.000	5680.000	23.000	5745.000	23.900	5763.500	23.600	5785.500	23.600	5795.500
GR	13.000	5796.500	12.100	5808.500	11.800	5816.500	12.100	5833.500	13.000	5853.500
GR	13.200	5854.500	22.900	5873.500	21.000	5885.000	22.000	5950.000	22.000	6180.000
GR	21.000	6250.000	22.000	6290.000	20.000	6300.000	15.000	6315.000	20.000	6330.000
GR	22.000	6350.000	21.000	6420.000	21.000	6485.000	22.000	6565.000	22.000	6745.000
GR	23.000	6830.000	22.000	6910.000	22.000	7000.000	23.000	7075.000	24.000	7110.000
GR	26.000	7170.000	32.000	7195.000	35.000	7220.000	40.000	7245.000	.000	.000

NH	4.000	.100	5678.500	.046	5746.000	.120	5962.000	100.000	6377.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5653.000	6153.000

X-SECTION LCB

X1	4580.000	49.000	5678.500	5746.000	980.000	1410.000	1040.000	.000	.000	.000
GR	40.000	5000.000	38.000	5065.000	36.000	5090.000	36.000	5125.000	35.000	5202.000
GR	33.000	5288.000	36.000	5334.000	38.000	5372.000	40.000	5402.000	42.000	5449.000
GR	40.000	5500.000	38.000	5530.000	36.000	5560.000	32.000	5570.000	28.000	5600.000
GR	24.000	5630.000	21.000	5650.000	20.000	5663.000	22.900	5678.500	14.100	5684.500
GR	14.000	5685.500	13.400	5693.500	12.900	5703.500	12.900	5713.500	14.000	5714.500
GR	13.800	5718.500	16.000	5723.000	20.000	5734.000	21.000	5746.000	22.000	5797.000
GR	22.000	5850.000	23.000	5912.000	22.000	5962.000	22.000	6024.000	21.000	6076.000
GR	20.000	6117.000	24.000	6137.000	16.000	6147.000	24.000	6152.000	19.000	6182.000
GR	20.000	6212.000	21.000	6232.000	24.000	6272.000	24.000	6282.000	26.000	6287.000
GR	28.000	6320.000	32.000	6337.000	36.000	6359.000	40.000	6377.000	.000	.000

QT	7.000	4300.000	6320.000	9290.000	12420.000	15540.000	25160.000	15540.000	.000	.000
NH	4.000	.100	4980.000	.046	5095.000	.090	5490.000	.150	5830.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4960.000	5460.000

FIRST X-SECTION FOR BRIDGE # A

X1	5635.600	40.000	4980.000	5095.000	935.600	895.600	955.600	.000	.170	.000
GR	40.000	4520.000	36.000	4560.000	32.000	4665.000	30.000	4730.000	28.370	4800.000
GR	27.230	4850.000	26.690	4900.000	26.370	4950.000	22.000	4980.000	15.000	5000.000
GR	15.000	5000.010	14.700	5005.000	13.600	5007.500	13.700	5010.000	14.200	5015.000
GR	14.500	5020.000	13.700	5025.000	14.300	5030.000	14.900	5035.000	14.900	5035.010
GR	13.700	5036.300	13.700	5036.310	13.800	5040.000	14.100	5045.000	13.500	5050.000
GR	13.700	5055.000	14.000	5060.000	14.000	5065.000	13.700	5071.000	13.700	5071.010
GR	20.000	5095.000	21.000	5121.000	22.000	5171.000	22.000	5221.000	23.000	5271.000
GR	24.000	5380.000	24.000	5490.000	28.000	5650.000	36.000	5730.000	44.000	5830.000

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GR	24.000	5380.000	24.000	5490.000	28.000	5650.000	36.000	5730.000	44.000	5830.000
NH	4.000	.180	4950.000	.046	5121.000	.090	5490.000	.150	5830.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4970.000	5470.000

LAST X-SECTION FOR BRIDGE A.

X1	6011.400	.000	.000	.000	70.000	70.000	70.000	.000	.040	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.150	5632.000	.090	5897.500	.046	5987.500	.089	6250.500	.120
NH	6492.500	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	10.410	.000	.000

X-SECTION LCC

X1	9750.000	40.000	5897.500	5987.500	3778.600	3568.600	3739.100	.000	.000	.000
GR	48.000	5000.000	44.000	5045.000	40.000	5070.000	36.000	5115.000	28.000	5195.000
GR	24.000	5228.000	23.000	5315.000	21.000	5395.000	23.000	5466.000	23.000	5573.000
GR	22.000	5632.000	23.000	5675.000	23.000	5750.000	24.000	5810.000	24.000	5840.000
GR	24.800	5862.500	25.000	5897.500	17.200	5913.500	17.000	5913.510	16.000	5917.500
GR	16.000	5932.500	16.000	5942.500	15.800	5964.500	17.000	5966.500	18.500	5966.500
GR	23.000	5987.500	24.000	5990.000	23.000	6030.000	23.000	6097.500	22.000	6174.500
GR	22.000	6250.500	21.000	6340.500	23.000	6367.500	24.000	6383.500	28.000	6392.500
GR	32.000	6406.500	36.000	6423.500	40.000	6433.500	44.000	6456.500	46.000	6492.500
NH	5.000	.150	4730.000	.120	5000.000	.046	5084.000	.080	5675.000	.120
NH	5875.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X-SECTION ADDED, LCC-1

X1	11287.000	13.000	5000.000	5084.000	1600.000	1410.000	1537.000	.000	.000	.000
GR	48.000	4540.000	24.000	4640.000	24.000	4730.000	25.000	5000.000	18.860	5015.000
GR	17.860	5020.000	18.000	5060.000	20.860	5068.000	24.400	5084.000	24.000	5310.000
GR	24.000	5675.000	40.000	5825.000	48.000	5875.000	.000	.000	.000	.000
NH	4.000	100.000	4270.000	.110	5000.000	.046	5084.000	.180	5330.000	.000

X-SECTION ADDED, LCC-2

X1	13337.000	14.000	5000.000	5084.000	2190.000	1940.000	2050.000	.000	.000	.000
GR	48.000	2930.000	40.000	3060.000	32.000	3380.000	28.000	3940.000	28.000	4270.000
GR	29.620	5000.000	21.620	5015.000	20.620	5020.000	20.780	5060.000	23.620	5068.000
GR	27.220	5084.000	32.000	5120.000	40.000	5150.000	48.000	5330.000	.000	.000
NH	3.000	.140	5647.500	.046	5707.500	.150	6370.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5280.000	5939.000

X-SECTION ADDED, LCC-3

X1	15288.000	17.000	5647.500	5707.500	1500.000	2030.000	1951.000	.000	.000	.000
GR	37.000	5000.000	36.000	5070.000	31.000	5410.000	32.000	5555.000	32.240	5647.500
GR	24.240	5662.500	23.240	5667.500	27.720	5707.500	27.620	5715.500	28.120	5731.500
GR	36.000	5750.000	33.000	5830.000	36.000	6140.000	36.000	6260.000	40.000	6295.000
GR	44.000	6340.000	48.000	6370.000	.000	.000	.000	.000	.000	.000
NH	5.000	.150	5590.000	.140	5907.000	.046	5989.000	.110	6055.000	.150
NH	6195.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.300	.000	.000	.000	.000	9.100	5130.000	6005.000

X-SECTION LCD

X1	16450.000	35.000	5907.000	5989.000	1160.000	1090.000	1162.000	.000	.000	.000
GR	48.000	5000.000	44.000	5015.000	40.000	5030.000	36.000	5050.000	32.000	5055.000
GR	32.000	5090.000	31.000	5150.000	29.000	5210.000	33.000	5270.000	32.000	5320.000
GR	32.000	5390.000	31.700	5460.000	31.500	5515.000	32.000	5590.000	34.000	5705.000
GR	35.000	5815.000	36.000	5849.000	35.000	5907.000	26.800	5925.000	26.000	5925.010
GR	24.800	5933.000	25.100	5944.000	25.000	5954.000	25.300	5962.000	25.500	5969.000
GR	26.000	5975.000	28.000	5977.000	31.900	5989.000	33.000	5990.000	34.000	6055.000
GR	35.000	6130.000	36.000	6150.000	40.000	6170.000	44.000	6185.000	48.000	6195.000
NH	3.000	.100	5000.000	.046	5114.310	.150	6157.200	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4685.000	5135.000

FIRST X-SECTION FOR BRIDGE # B.

X1	18692.000	58.000	5000.000	5114.310	2353.150	2183.150	2242.000	.000	-.500	.000
X4	1.000	35.500	4590.000	.000	.000	.000	.000	.000	.000	.000
GR	60.000	4157.000	48.000	4330.000	36.000	4750.000	36.000	4800.000	36.000	4850.000
GR	36.000	4900.000	36.000	4950.000	36.400	5000.000	36.400	5000.010	35.540	5001.000
GR	35.540	5001.010	34.200	5002.550	34.200	5002.560	33.400	5005.000	32.500	5010.000
GR	31.900	5015.000	30.900	5020.000	29.800	5025.000	29.200	5030.000	28.300	5035.000
GR	28.400	5037.500	28.400	5037.510	28.400	5038.250	28.400	5038.260	28.400	5039.250
GR	28.400	5039.260	28.400	5040.000	28.400	5040.010	28.700	5045.000	28.900	5050.000
GR	28.100	5055.000	28.400	5060.000	27.800	5065.000	28.700	5070.000	31.300	5074.500
GR	31.300	5074.510	31.300	5075.250	31.300	5075.260	31.900	5076.250	31.900	5076.260
GR	31.900	5077.000	31.900	5077.010	34.400	5080.000	37.200	5085.000	38.600	5090.000
GR	38.400	5095.000	38.200	5100.000	39.500	5105.000	40.800	5110.000	40.000	5112.200
GR	40.000	5112.210	40.000	5114.300	40.000	5114.310	40.000	5164.000	40.000	5214.000
GR	44.000	5264.000	48.880	5314.000	60.000	6157.200	.000	.000	.000	.000
NH	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	3.000	.100	5000.000	.046	5114.310	.150	6157.200	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4690.000	5140.000
X1	19134.000	.000	.000	.000	442.000	442.000	442.000	.000	.500	.000
X3	10.000	.000	.000	.000	.000	.000	.000	43.000	43.000	.000
NH	3.000	.100	5000.000	.046	5114.310	.150	6157.200	.000	.000	.000
SB	1.050	1.560	2.800	.000	34.620	2.000	1050.000	2.750	27.800	27.800
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4700.000	5130.000

NH	5.000	.150	5140.000	.110	5280.000	.046	5360.000	.100	6015.000	.150
NH	6105.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5150.000	5905.000

X-SECTION LCF

X1	23320.000	21.000	5280.000	5360.000	2020.000	1980.000	2130.000	.000	.000	.000
GR	60.000	5000.000	55.000	5035.000	50.000	5090.000	48.600	5140.000	45.000	5280.000
GR	40.000	5285.000	35.500	5289.000	35.000	5293.000	34.700	5303.000	34.300	5319.000
GR	34.300	5333.000	34.300	5342.000	35.000	5348.000	35.000	5350.000	40.000	5355.000
GR	45.000	5360.000	46.500	5525.000	47.500	5820.000	50.000	6015.000	55.000	6080.000
GR	60.000	6105.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	3.000	.150	5000.000	.046	5089.000	.160	6415.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5600.000

BOTTOM OF WATER FALLS

X1	24385.000	20.000	5000.000	5089.000	987.500	1307.500	1065.000	.000	.000	.000
GR	75.000	4619.000	70.000	4814.000	65.000	4919.000	60.000	4974.000	55.000	4994.000
GR	50.000	5000.000	34.890	5014.000	33.500	5025.000	33.480	5033.000	33.900	5042.000
GR	31.390	5051.000	31.790	5056.000	33.340	5061.000	34.890	5071.500	47.010	5089.000
GR	48.300	5275.000	49.100	5950.000	50.000	6350.000	55.000	6395.000	60.000	6415.000
NH	3.000	.150	5000.000	.046	5082.000	.160	6415.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5600.000

TOP OF WATER FALLS

X1	24390.000	18.000	5000.000	5082.000	5.000	5.000	5.000	.000	.000	.000
GR	75.000	4619.000	70.000	4814.000	65.000	4919.000	60.000	4974.000	55.000	4994.000
GR	50.000	5000.000	37.650	5015.000	36.810	5025.000	36.550	5045.000	37.210	5055.000
GR	37.550	5065.000	37.650	5076.500	47.400	5082.000	48.300	5275.000	49.100	5950.000
GR	50.000	6350.000	55.000	6395.000	60.000	6415.000	.000	.000	.000	.000
NH	3.000	.180	5440.000	.046	5534.000	.160	6015.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5200.000	5702.000

X-SECTION LCG

X1	25455.000	18.000	5440.000	5534.000	1147.500	997.500	1065.000	.000	.000	.000
GR	60.000	5000.000	55.000	5040.000	50.000	5072.000	49.200	5440.000	41.400	5451.000
GR	39.000	5456.000	37.000	5461.000	36.900	5470.000	38.400	5480.000	38.800	5493.000
GR	38.500	5505.000	39.000	5515.000	42.000	5520.000	48.000	5534.000	47.900	5550.000
GR	50.000	5705.000	55.000	5995.000	60.000	6015.000	.000	.000	.000	.000
NH	4.000	.150	5145.000	.046	5265.000	.095	5500.000	.200	6153.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5145.000	3710.000

X-SECTION LCH

X1	27385.000	25.000	5145.000	5265.000	1962.500	1775.000	1930.000	.000	.000	.000
GR	70.000	5000.000	65.000	5114.000	55.000	5114.010	55.900	5145.000	42.500	5166.000
GR	41.800	5166.010	41.900	5181.000	42.100	5201.000	41.600	5214.000	42.500	5221.000
GR	43.500	5222.000	55.700	5239.000	55.700	5265.000	50.000	5275.000	50.000	5500.000
GR	50.000	5610.000	50.000	5646.000	45.000	5651.000	44.000	5675.000	45.000	5698.000
GR	49.800	5793.000	50.000	5910.000	55.000	6023.000	60.000	6083.000	65.000	6153.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4973.000	5543.000

FIRST X-SECTION FOR # C.

X1	27422.000	38.000	4991.000	5064.500	37.000	37.000	37.000	.000	.020	.000
GR	75.000	4800.000	70.000	4810.000	65.000	4825.000	60.000	4845.000	55.970	4855.000
GR	55.470	4903.000	56.010	4934.000	53.370	4991.000	50.070	4996.500	48.620	4999.990
GR	46.770	5000.000	46.060	5002.720	45.470	5005.000	42.870	5010.000	42.870	5015.000
GR	42.470	5020.000	42.270	5025.000	41.870	5030.000	41.970	5035.000	41.570	5040.000
GR	43.870	5045.000	46.280	5048.890	46.970	5050.000	48.880	5050.010	49.270	5055.000
GR	50.000	5064.500	52.000	5084.000	54.000	5096.000	55.300	5118.000	54.100	5150.000
GR	50.000	5400.000	50.000	5510.000	50.000	5540.000	45.000	5560.000	50.000	5620.000
GR	55.000	5720.000	60.000	5800.000	65.000	5840.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4973.000	5543.000
X1	27605.000	.000	.000	.000	208.000	333.000	183.000	.000	-.020	.000
X3	10.000	.000	.000	.000	.000	.000	.000	53.370	50.000	.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4973.000	5543.000

BRIDGE # C. SEWAGE TREATMENT PLANT.

X1	27606.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-38.000	4800.000	75.000	75.000	4810.000	70.000	70.000	4825.000	65.000	65.000
BT	.000	4845.000	60.000	60.000	4855.000	55.970	55.970	4903.000	55.470	55.470
BT	.000	4934.000	56.010	56.010	4991.000	53.370	53.370	4996.500	50.070	50.070
BT	.000	4999.990	48.620	48.620	5000.000	48.620	46.770	5002.720	48.660	46.060
BT	.000	5005.000	48.700	46.100	5010.000	48.750	46.150	5015.000	48.780	46.180
BT	.000	5020.000	48.820	46.220	5025.000	48.870	46.170	5030.000	48.880	46.280
BT	.000	5035.000	48.880	46.120	5040.000	48.900	46.300	5045.000	48.900	46.300
BT	.000	5048.890	48.880	46.280	5050.000	48.880	46.970	5050.010	48.880	48.880
BT	.000	5055.000	49.270	49.270	5064.500	55.270	50.000	5084.000	56.200	52.000
BT	.000	5096.000	59.970	54.000	5118.000	55.300	55.300	5150.000	54.100	54.100
BT	.000	5400.000	50.000	50.000	5510.000	50.000	50.000	5540.000	50.000	50.000
BT	.000	5560.000	45.000	45.000	5620.000	50.000	50.000	5720.000	55.000	55.000
BT	.000	5800.000	60.000	60.000	5840.000	65.000	65.000	.000	.000	.000

NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4973.000	5543.000
X1	27614.000	.000	.000	.000	8.000	8.000	8.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4973.000	5543.000
X1	27615.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	53.370	50.000	.000

QT	7.000	3930.000	5790.000	8520.000	11420.000	14180.000	23150.000	14180.000	.000	.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4973.000	5543.000

LAST X-SECTION FOR #C.

X1	27660.000	.000	.000	.000	45.000	45.000	45.000	.000	.070	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4990.000	5535.000

FIRST X-SECTION FOR PIPE U/S OF S.T.P.

X1	28654.000	23.000	5000.000	5092.000	963.670	1011.160	994.000	.000	.400	.000
GR	75.000	4942.000	70.000	4957.000	65.000	4972.000	60.000	4987.000	55.000	5000.000
GR	49.400	5016.000	48.730	5016.010	44.630	5024.000	44.020	5035.000	44.240	5050.000
GR	43.460	5060.000	43.920	5072.000	44.630	5080.000	49.210	5085.000	49.880	5085.010
GR	54.980	5092.000	54.000	5350.000	53.000	5512.000	55.000	5792.000	60.000	5837.000
GR	65.000	5887.000	70.000	5907.000	75.000	5967.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5560.000
X1	28929.000	.000	.000	.000	275.000	275.000	275.000	.000	.400	.000
X3	10.000	.000	.000	.000	.000	.000	.000	49.400	49.880	.000

NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	5000.000	5560.000

PIPE, U/S OF THE SEWAGE TREATMENT PLANT

X1	28930.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-23.000	4942.000	75.000	75.000	4957.000	70.000	70.000	4972.000	65.000	65.000
BT	.000	4987.000	60.000	60.000	5000.000	55.000	55.000	5016.000	49.400	49.400
BT	.000	5016.010	49.400	48.730	5024.000	49.290	48.620	5035.000	49.130	48.580
BT	.000	5050.000	48.920	48.250	5060.000	49.190	48.520	5072.000	49.520	48.850
BT	.000	5080.000	49.740	49.070	5085.000	49.880	49.210	5085.010	49.880	49.880
BT	.000	5092.000	54.980	54.980	5350.000	54.000	54.000	5512.000	53.000	53.000
BT	.000	5792.000	55.000	55.000	5837.000	60.000	60.000	5887.000	65.000	65.000
BT	.000	5907.000	70.000	70.000	5967.000	75.000	75.000	.000	.000	.000

NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	5000.000	5560.000
X1	28931.000	.000	.000	.000	.670	.670	.670	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5560.000
X1	28932.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	49.400	49.880	.000
QT	7.000	3830.000	5640.000	8310.000	11140.000	13840.000	22620.000	13840.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5560.000

LAST X-SECTION FOR PIPE U/S OF S.T.P.

X1	28999.000	.000	.000	.000	67.000	67.000	67.000	.000	.110	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	3.000	.150	5004.000	.048	5107.000	.180	6050.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5004.000	5604.000

X-SECTION ADDED, LCI-1

X1	29965.000	22.000	5004.000	5107.000	956.660	844.160	966.000	.000	.000	.000
GR	25.000	4540.000	72.720	4540.010	70.100	4780.000	57.400	5004.000	51.400	5018.000
GR	46.400	5026.000	45.800	5034.000	45.410	5050.000	45.210	5060.000	46.000	5072.000
GR	47.200	5078.000	48.600	5081.000	53.600	5086.000	54.600	5091.000	7.000	5107.000
GR	54.000	5330.000	55.000	5800.000	60.000	5840.000	65.000	5880.000	70.000	5915.000
GR	75.000	5950.000	85.000	6050.000	.000	.000	.000	.000	.000	.000
NH	3.000	.150	5236.000	.048	5327.000	.180	5830.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5236.000	5606.000

X-SECTION LCI

X1	31000.000	19.000	5236.000	5327.000	1075.000	1055.000	1035.000	.000	.000	.000
GR	75.000	5000.000	70.000	5205.000	65.000	5215.000	60.000	5229.000	56.130	5236.000
GR	48.000	5249.000	47.240	5254.000	47.140	5262.000	46.790	5282.000	48.000	5292.000
GR	50.000	5300.000	55.000	5305.000	57.640	5327.000	60.000	5360.000	60.000	5585.000
GR	60.000	5720.000	65.000	5775.000	70.000	5800.000	75.000	5830.000	.000	.000
NH	3.000	.150	5065.000	.048	5165.000	.180	5650.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5065.000	5395.000

X-SECTION #2 FROM C.O.E. NOV. 1977 RECONNAISSANCE STUDY

X1	31300.000	15.000	5065.000	5165.000	275.000	337.500	300.000	.000	.000	.000
GR	90.000	4910.000	75.000	4911.000	75.000	4950.000	69.000	5000.000	67.300	5065.000
GR	46.200	5090.000	48.000	5120.000	46.000	5140.000	46.500	5150.000	60.200	5165.000
GR	58.700	5200.000	58.000	5300.000	60.000	5525.000	65.000	5570.000	80.000	5650.000

QT	7.000	3380.000	4970.000	7320.000	9860.000	12190.000	19880.000	12190.000	6000.000	5000.000	.000
NH	4.000	.150	5000.000	.048	5075.000	.085	5540.000	.200	6000.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5385.000	.000
FIRST X-SECTION FOR BRIDGE D											
X1	32581.000	24.000	5000.000	5075.000	1000.500	1225.500	1081.000	.000	.130	.000	.000
GR	74.870	4766.500	70.000	4920.000	65.000	5000.000	60.000	5015.000	55.000	5025.000	.000
GR	52.200	5030.000	48.600	5033.770	47.700	5037.550	48.810	5038.080	46.100	5041.320	.000
GR	47.500	5045.100	48.900	5049.330	48.300	5050.610	50.500	5052.650	50.800	5056.420	.000
GR	52.600	5058.910	55.800	5059.900	56.700	5060.200	60.000	5075.000	60.000	5300.000	.000
GR	60.000	5520.000	65.000	5540.000	70.000	5580.000	75.000	6000.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000
NH	3.000	.150	5000.000	.048	5183.000	.085	5426.500	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5235.000	.000
X1	32692.000	48.000	5000.000	5083.000	311.000	311.000	311.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	68.550	71.410	.000	.000
GR	75.000	4766.500	70.840	4970.000	62.000	5000.000	61.200	5002.000	61.200	5002.010	.000
GR	61.100	5005.000	61.300	5010.000	58.400	5014.500	57.100	5014.940	57.100	5014.950	.000
GR	57.100	5015.800	57.100	5015.810	55.400	5020.000	53.700	5025.000	52.600	5027.690	.000
GR	52.600	5027.700	50.900	5028.550	50.900	5028.560	50.200	5030.000	48.600	5035.000	.000
GR	47.700	5040.000	48.100	5040.690	48.100	5040.700	48.100	5041.550	48.100	5041.560	.000
GR	46.100	5045.000	47.500	5050.000	48.300	5056.440	48.300	5056.450	48.300	5057.300	.000
GR	48.300	5057.310	50.500	5060.000	50.800	5065.000	52.600	5068.290	52.600	5068.300	.000
GR	52.600	5069.150	52.600	5069.160	56.700	5070.000	60.000	5075.000	61.300	5080.000	.000
GR	63.300	5080.390	63.300	5080.400	64.000	5083.000	71.150	5133.000	71.410	5183.000	.000
GR	71.600	5233.000	71.410	5283.000	75.000	5426.500	.000	.000	.000	.000	.000
NH	3.000	.150	5000.000	.048	5183.000	.085	5426.500	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4990.000	5090.000	.000

BRIDGE D. SOUTHERN R.R. AT BROYHILL.

X1	32693.000	48.000	5000.000	5083.000	1.000	1.000	1.000	.000	.000	.000	.000
BT	-48.000	4766.500	75.000	75.000	4970.000	70.840	71.840	5010.000	71.060	62.000	.000
BT	.000	5002.000	71.070	61.200	5002.010	71.070	68.550	5005.000	71.090	68.550	.000
BT	.000	5010.000	71.090	68.560	5014.500	71.100	68.560	5014.940	71.100	68.560	.000
BT	.000	5014.950	71.100	57.100	5015.800	71.100	57.100	5015.810	71.100	68.560	.000
BT	.000	5020.000	71.110	68.570	5025.000	71.120	68.590	5027.690	71.120	68.600	.000
BT	.000	5027.700	71.120	52.600	5028.550	71.120	50.900	5028.560	71.120	68.600	.000
BT	.000	5030.000	71.120	68.600	5035.000	71.120	68.590	5040.000	71.140	68.590	.000
BT	.000	5040.690	71.140	68.590	5040.700	71.140	48.100	5041.550	71.130	48.100	.000
BT	.000	5041.560	71.130	68.590	5045.000	71.110	68.590	5050.000	71.110	68.590	.000
BT	.000	5056.440	71.110	68.590	5056.450	71.110	48.300	5057.300	71.110	48.300	.000
BT	.000	5057.310	71.110	68.590	5060.000	71.110	68.590	5065.000	71.110	48.500	.000
BT	.000	5068.290	71.120	68.600	5068.300	71.120	52.600	5069.150	71.120	52.600	.000
BT	.000	5069.160	71.120	68.600	5070.000	71.120	68.590	5075.000	71.110	68.590	.000
BT	.000	5080.000	71.070	64.000	5080.390	71.060	68.590	5080.400	71.060	63.300	.000
BT	.000	5083.000	71.030	71.600	5133.000	71.150	71.150	5183.000	71.410	71.410	.000
BT	.000	5233.000	71.600	71.600	5283.000	71.410	71.410	5426.500	75.000	75.000	.000
GR	75.000	4766.500	70.840	4970.000	62.000	5000.000	61.200	5002.000	61.200	5002.010	.000

GR	61.100	5005.000	61.300	5010.000	58.400	5014.500	57.100	5014.940	57.100	5014.550
GR	57.100	5015.800	57.100	5015.810	55.400	5020.000	53.700	5025.000	52.600	5027.690
GR	52.600	5027.700	50.900	5028.550	50.900	5028.560	50.200	5030.000	48.600	5035.000
GR	47.700	5040.000	48.100	5040.690	48.100	5040.700	48.100	5041.550	48.100	5041.560
GR	46.100	5045.000	47.500	5050.000	48.300	5056.440	48.300	5056.450	48.300	5057.300
GR	48.300	5057.310	50.500	5060.000	50.800	5065.000	52.600	5068.290	52.600	5068.300
GR	52.600	5069.150	52.600	5069.160	56.700	5076.000	60.000	5075.000	61.300	5080.000
GR	63.300	5080.390	63.300	5080.400	64.000	5083.000	71.150	5133.000	71.410	5183.000
GR	71.600	5233.000	71.410	5283.000	75.000	5426.500	.000	5426.500	.000	5426.500
NH	3.000	.150	5000.000	.048	5183.000	.085	5426.500	.070	.000	.100
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4995.000	5095.090
X1	32718.000	.000	.000	.000	25.000	25.000	25.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	3.000	.150	5000.000	.048	5183.000	.085	5426.500	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4995.000	5115.000
X1	32719.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	68.550	71.410	.000
NH	3.000	.110	5010.000	.048	5070.000	.085	5090.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5090.000

LAST X-SECTION FOR D.
FIRST X-SECTION FOR E.

X1	32796.000	20.000	5010.000	5070.000	77.000	77.000	77.000	.000	.000	.000
GR	75.000	4999.000	70.000	5000.000	65.000	5010.000	60.000	5020.000	54.500	5030.000
GR	50.900	5033.770	50.000	5037.550	51.110	5038.000	48.400	5041.320	49.800	5045.100
GR	51.200	5049.330	50.600	5050.610	52.800	5052.650	53.100	5056.420	54.900	5058.910
GR	58.100	5059.900	59.000	5060.200	65.000	5070.000	70.000	5085.000	75.000	5090.000
NH	4.000	.150	5000.000	.048	5135.510	.085	5900.000	.200	6862.500	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5135.510
X1	32875.000	48.000	5000.000	5135.510	80.850	55.850	79.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	71.680	71.100	.000
X4	1.000	80.000	4465.000	.000	.000	.000	.000	.000	.000	.000
GR	85.000	4317.500	75.000	4695.000	70.000	4750.000	65.000	4800.000	57.400	5000.000
GR	57.400	5000.010	55.600	5005.000	51.500	5010.000	50.900	5015.000	51.500	5020.000
GR	51.700	5025.000	51.600	5030.000	52.000	5035.000	52.100	5040.000	52.500	5044.000
GR	52.500	5044.010	52.500	5045.500	52.500	5045.510	51.500	5050.000	52.100	5055.000
GR	52.000	5060.000	52.200	5065.000	52.900	5070.000	52.700	5075.000	52.400	5080.000
GR	52.100	5085.000	51.800	5089.000	51.800	5089.010	51.800	5090.500	51.800	5090.510
GR	52.200	5095.000	55.600	5100.000	57.400	5105.000	58.400	5110.000	60.100	5115.000
GR	61.800	5120.000	63.700	5125.000	65.000	5130.000	65.000	5135.000	65.000	5135.500
GR	65.000	5135.510	65.000	5169.000	66.000	5219.000	67.000	5269.000	70.000	5319.000
GR	72.000	5900.000	76.400	6350.000	80.000	6862.500	.000	.000	.000	.000
NH	4.000	.150	5000.000	.048	5135.510	.085	5900.000	.200	6862.500	.000
SB	1.050	1.560	2.600	.000	80.887	2.000	2043.000	1.420	50.900	50.900
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5135.510

PIPE 25' U/S FROM COMPLEX ST. BRIDGE.

X1	32932.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-20.000	4465.000	80.000	80.000	4695.000	75.000	75.000	4750.000	70.000	70.000
BT	.000	4800.000	65.000	65.000	5000.000	57.110	57.110	5000.010	57.110	56.440
BT	.000	5105.000	57.110	56.440	5105.010	57.110	57.110	5115.000	60.100	60.100
BT	.000	5120.000	61.800	61.800	5125.000	63.700	63.700	5130.000	65.700	65.700
BT	.000	5135.000	65.000	65.000	5135.510	65.000	65.000	5169.000	65.000	65.000
BT	.000	5219.000	66.000	66.000	5269.000	67.000	67.000	5319.000	70.000	70.000
BT	.000	5900.000	72.000	72.000	6350.000	76.400	76.400	.000	.000	.000
NH	4.000	.150	5000.000	.048	5105.010	.085	5900.000	.200	6862.500	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5105.010
X1	32933.000	.000	.000	.000	.670	.670	.670	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	4.000	.150	5000.000	.048	5105.010	.085	5900.000	.200	6862.500	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5105.010
X1	32934.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	57.110	57.110	.000
NH	4.000	.150	5000.000	.048	5105.010	.085	5900.000	.200	6862.500	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5105.010

LAST X-SECTION FOR PIPE

X1	33041.000	.000	.000	.000	107.000	107.000	107.000	.000	.570	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.150	5280.000	.110	5905.000	.048	5960.000	.180	6770.000	.200
NK	7570.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5630.000	6020.000

X-SECTION LCJ

X1	33660.000	18.000	5905.000	5975.000	750.180	412.680	619.000	.000	.000	.000
X4	1.000	75.000	5000.000	.000	.000	.000	.000	.000	.000	.000
GR	80.000	4960.000	70.000	5027.000	65.000	5057.000	62.000	5280.000	69.000	5905.000
GR	57.600	5924.000	55.270	5925.000	54.050	5930.000	54.030	5940.000	53.750	5950.000
GR	55.270	5959.000	63.950	5960.000	72.000	5975.000	70.000	6027.000	70.000	6470.000
GR	70.000	6720.000	75.000	6770.000	80.000	7570.000	.000	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	5088.000	.085	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4650.000	5100.000

FIRST X-SECTION FOR PIPE D/S OF FAIRVIEW

X1	33995.000	21.000	5000.000	5088.000	335.000	335.000	.000	.000	.120	.000	.000
X4	2.000	64.880	4794.000	70.220	5194.000	.000	.000	.000	.000	.000	.000
GR	80.000	4346.000	75.000	4376.000	65.000	4451.000	4451.000	65.000	65.000	4861.000	4861.000
GR	66.000	4936.000	69.000	5000.000	63.140	62.470	5010.010	54.640	54.640	5019.000	5019.000
GR	54.100	5037.100	54.020	5047.000	54.640	63.040	5073.000	63.710	63.710	5073.010	5073.010
GR	72.000	5088.000	70.000	5216.000	70.000	73.000	5866.000	75.000	75.000	5956.000	5956.000
GR	80.000	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
MC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	5088.000	.085	5194.000	.000	100.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	34246.000	.000	.000	.000	.000	251.000	9.100	4650.000	.000	5100.000	5100.000
X1	10.000	.000	.000	.000	.000	251.000	.000	.120	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	63.140	63.710	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	5088.000	.085	5194.000	.000	100.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

PIPE D/S OF FAIRVIEW

X1	34247.000	.000	.000	.000	1.000	1.000	.000	.000	.000	.000	.000
BT	-21.000	4346.000	80.000	80.000	4376.000	75.000	4396.000	70.000	70.000	70.000	70.000
BT	.000	4451.000	65.000	65.000	4861.000	65.000	4936.000	66.000	66.000	66.000	66.000
BT	.000	5000.000	69.000	69.000	5010.000	63.140	5010.010	63.140	63.140	62.470	62.470
BT	.000	5019.000	63.220	62.550	5037.000	63.380	5047.000	63.470	63.470	62.800	62.800
BT	.000	5063.000	63.620	62.950	5073.000	63.710	5073.010	63.710	63.710	63.710	63.710
BT	.000	5088.000	72.000	72.000	5216.000	70.000	5806.000	70.000	70.000	70.000	70.000
BT	.000	5866.000	73.000	73.000	5956.000	75.000	6326.000	80.000	80.000	80.000	80.000
NH	5.000	.180	4794.000	.110	5000.000	.048	5088.000	.085	5194.000	100.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	34248.000	.000	.000	.000	.000	.670	9.110	4650.000	.000	5100.000	5100.000
X1	.000	.000	.000	.000	.670	.000	.000	.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	5088.000	.085	5194.000	100.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	34249.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	10.000	.000	.000	.000	1.000	1.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	5088.000	.085	5194.000	100.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST X-SECTION FOR PIPE D/S OF FAIRVIEW

X1	34311.000	.000	.000	.000	62.000	62.000	62.000	.000	.070	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	4850.000	.120	5000.000	.048	5077.200	.180	5127.000	100.000
NH	6163.600	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4725.000	5185.000

FIRST X-SECTION FOR #F

X1	34784.000	45.000	5000.000	5077.200	385.830	598.330	473.000	.000	.350	.000
X4	1.000	84.650	4590.000	.000	.000	.000	.000	.000	.000	.000
GR	90.000	4458.600	73.000	4690.000	70.000	4800.000	70.000	4850.000	70.000	4901.000
GR	66.000	4950.000	61.500	5000.000	61.500	5000.010	61.500	5001.000	61.500	5001.010
GR	61.500	5002.800	61.500	5002.810	61.500	5005.000	61.100	5010.000	59.600	5015.000
GR	59.300	5020.000	56.400	5025.000	56.000	5030.000	55.400	5035.000	55.000	5037.500
GR	55.000	5037.510	55.000	5038.250	55.000	5038.260	55.000	5039.250	55.000	5039.260
GR	55.000	5040.000	55.000	5040.010	55.100	5045.000	55.400	5050.000	55.700	5055.000
GR	56.300	5060.000	56.800	5065.000	57.000	5069.100	57.000	5069.110	57.000	5071.000
GR	57.000	5071.010	60.000	5077.200	60.000	5077.210	65.000	5127.000	70.000	5177.000
GR	70.000	5227.000	70.000	5277.000	73.000	5500.000	76.000	5590.000	80.000	6163.600
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	4.000	100.000	4850.000	.120	5000.000	.048	5077.200	.180	6163.600	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4810.000	5270.000
X1	35869.000	.000	.000	.000	285.000	285.000	285.000	.000	.350	.000
X3	10.000	.000	.000	.000	.000	.000	.000	70.850	70.690	.000
NH	4.000	100.000	4850.000	.120	5000.000	.048	5077.200	.180	6163.600	.000
S8	1.250	1.560	2.600	.000	42.843	1.000	685.000	1.099	55.000	55.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4810.000	5270.000

BRIDGE F. FAIRVIEW DR.

SPECIAL BRIDGE ELLC = 67.36 ELTRD = 70.69

X1	35101.000	.000	.000	.000	32.000	32.000	32.000	.000	.000	.000
X2	.000	.000	1.000	67.360	70.690	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	70.850	70.690	.000
BT	-46.000	4458.600	90.000	90.000	4590.000	85.000	85.000	4690.000	80.000	73.000
BT	.000	4800.000	75.560	70.000	4850.000	73.770	70.000	4900.000	72.410	70.000
BT	.000	4950.000	71.490	66.000	5000.000	70.850	61.500	5000.010	73.360	61.500
BT	.000	5001.000	73.360	61.500	5001.010	73.360	65.530	5002.800	73.360	65.530
BT	.000	5002.810	73.360	67.360	5005.000	73.350	67.360	5010.000	73.340	67.360
BT	.000	5015.000	73.350	67.360	5020.000	73.340	67.360	5025.000	73.340	67.360
BT	.000	5030.000	73.320	67.360	5035.000	73.320	67.360	5037.500	73.320	67.360
BT	.000	5037.510	73.320	65.530	5038.250	73.330	65.530	5038.260	73.330	55.000
BT	.000	5039.250	73.340	55.000	5039.260	73.340	65.530	5040.000	73.340	65.530
BT	.000	5040.010	73.340	67.360	5045.000	73.360	67.360	5050.000	73.360	67.360
BT	.000	5055.000	73.350	67.360	5060.000	73.320	67.360	5065.000	73.300	67.360
BT	.000	5069.100	73.300	67.360	5069.110	73.300	65.530	5071.000	73.300	65.530
BT	.000	5071.010	73.300	57.000	5077.200	73.290	60.000	5077.210	70.690	60.000
BT	.000	5127.000	70.800	65.000	5177.000	71.110	70.000	5227.000	71.320	70.000
BT	.000	5277.000	71.480	70.000	5500.000	73.000	70.000	5590.000	76.000	76.000
BT	.000	6163.600	80.000	80.000	.000	.000	.000	.000	.000	.000

NH	4.000	100.000	4850.000	.120	5000.000	.048	5077.200	.150	6163.600	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4860.000	5320.000

LAST X-SECTION FOR #F.

X1	35171.000	.000	.000	.000	70.500	70.500	70.500	.000	.190	.000
QT	7.000	2600.000	3810.000	5590.000	7480.000	9330.000	15130.000	9330.000	.000	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.500	.000
NH	5.000	100.000	5510.000	.110	5660.000	.048	5730.000	.085	5920.000	100.000
NH	7035.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5425.000	5885.000

X-SECTION #8 FROM C.O.E. NOV. 1977 RECONNAISSANCE STUDY

X1	35310.000	15.000	5660.000	5730.000	139.000	139.000	139.000	.000	.000	.000
GR	86.000	5000.000	71.200	5020.000	67.300	5100.000	67.500	5220.000	64.600	5235.000
GR	63.300	5300.000	65.000	5510.000	65.600	5660.000	57.500	5675.000	56.000	5700.000
GR	57.100	5725.000	68.000	5730.000	76.000	5920.000	75.000	6180.000	80.000	7035.000
NH	5.000	.150	5130.000	.110	5415.000	.048	5579.000	.085	6090.000	100.000
NH	7229.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5167.000	5647.000

X-SECTION LCK

X1	35460.000	25.000	5415.000	5579.000	149.500	124.500	150.000	.000	.000	.000
X4	1.000	80.000	5000.000	.000	.000	.000	.000	.000	.000	.000
GR	85.000	4927.000	75.000	5025.000	70.000	5060.000	68.000	5130.000	65.000	5415.000
GR	60.240	5504.000	58.040	5512.000	57.000	5520.000	56.390	5524.000	55.800	5532.000
GR	56.270	5541.000	55.940	5550.000	56.190	5557.000	57.000	5560.000	58.190	5566.000
GR	65.440	5579.000	65.540	5594.000	70.000	6072.000	75.000	6090.000	75.000	6260.000
GR	78.000	6769.990	88.000	6770.000	88.000	6920.000	79.000	6920.010	80.000	7229.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000

FIRST X-SECTION FOR # G.

X1	35829.000	34.000	4988.000	5063.000	368.000	293.000	369.000	.000	.330	.000
X4	1.000	79.670	4560.000	.000	.000	.000	.000	.000	.000	.000
GR	85.000	4165.500	75.000	4800.000	70.000	4940.000	66.200	4988.000	66.200	4988.010
GR	65.300	4992.700	65.300	4992.710	63.600	5000.000	60.200	5005.000	59.500	5010.000
GR	58.970	5015.000	57.300	5015.010	57.200	5020.000	57.500	5025.000	57.500	5030.000
GR	57.000	5035.000	57.300	5040.000	57.500	5045.000	58.200	5050.000	59.000	5052.000
GR	59.190	5052.010	61.000	5055.000	65.400	5060.000	69.300	5063.000	72.500	5102.000
GR	73.190	5152.000	73.390	5187.000	76.000	5420.000	77.000	5590.000	77.000	5639.990
GR	95.000	5640.000	95.000	5940.000	78.000	5940.010	80.000	7060.000	.000	.000

NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000
X1	36028.000	.000	.000	.000	199.000	199.000	199.000	.000	.330	.000
X3	10.000	.000	.000	.000	.000	.000	.000	63.600	69.300	.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4688.000	5138.000

BRIDGE G. STEEL WALKING PIPE (STEEL STRUCTURE)

X1	36029.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-32.000	4165.500	85.000	85.000	4560.000	80.000	80.000	4800.000	75.000	75.000
BT	.000	4940.000	70.000	70.000	4988.000	66.200	66.200	4988.010	68.580	66.200
BT	.000	4992.700	68.380	65.300	4992.710	65.300	65.300	5000.000	65.250	63.600
BT	.000	5005.000	66.350	60.200	5010.000	68.100	59.500	5015.000	68.100	58.970
BT	.000	5015.010	68.100	58.970	5020.000	68.100	58.990	5025.000	68.120	59.000
BT	.000	5030.000	68.230	59.020	5035.000	68.390	59.030	5040.000	68.550	59.050
BT	.000	5045.000	68.040	59.070	5050.000	66.300	59.090	5052.000	65.610	59.100
BT	.000	5052.010	65.610	59.100	5055.000	65.610	61.000	5060.000	65.610	65.430
BT	.000	5063.000	69.300	69.300	5102.000	72.500	72.500	5152.000	73.100	73.100
BT	.000	5187.000	73.390	73.390	5420.000	76.000	76.000	5590.000	77.000	77.000
BT	.000	5639.990	77.000	77.000	5640.000	95.000	95.000	.000	.000	.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4688.000	5138.000
X1	36043.000	.000	.000	.000	14.000	14.000	14.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000
X1	36044.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	63.600	69.300	.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000

LAST X-SECTION FOR G.

X1	36093.000	.000	.000	.000	49.000	49.000	49.000	.000	.190	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.150	5900.000	.110	6035.000	.048	6112.000	.085	6300.000	100.000
NH	6820.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5645.000	6105.000

X-SECTION #9 FROM C.O.E. NOV. 1977. RECONNAISSANCE STUDY

X1	36260.000	16.000	6035.000	6112.000	167.000	142.000	167.000	.000	.000	.000
GR	83.000	5400.000	80.000	5580.000	75.000	5720.000	65.200	5800.000	66.000	5900.000
GR	66.600	6000.000	68.200	6035.000	57.100	6045.000	56.900	6069.000	57.600	6093.000
GR	72.700	6112.000	77.700	6125.000	77.600	6300.000	76.600	6400.000	76.400	6500.000
GR	78.000	6820.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	.150	4742.500	.110	5000.000	.048	5073.000	.085	5400.000	100.000
NH	5527.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4623.000	5073.000

1' D/S OF RETAINING WALL.

X1	36385.000	23.000	5000.000	5073.000	125.000	125.000	125.000	.000	.000	.000
GR	85.000	4452.500	80.000	4472.500	75.000	4497.500	70.000	4512.500	66.000	4742.500
GR	67.440	5000.000	58.660	5010.000	57.840	5015.000	58.100	5025.000	58.020	5035.000
GR	57.140	5042.000	58.660	5045.000	61.700	5052.000	71.020	5060.000	80.440	5073.000
GR	80.000	5132.500	95.000	5132.510	95.000	5257.500	77.000	5257.510	70.000	5357.000
GR	77.000	5400.000	77.000	5526.990	95.000	5527.000	.000	.000	.000	.000
NH	5.000	.150	4742.500	.110	5000.000	.048	5073.000	.085	5400.000	100.000
NH	5527.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4623.000	5073.000
X1	36386.000	24.000	5000.000	5073.000	1.000	1.000	1.000	.000	.000	.000
GR	85.000	4452.500	80.000	4472.500	75.000	4497.500	70.000	4512.500	66.000	4742.500
GR	67.440	5000.000	58.660	5010.000	57.840	5015.000	58.100	5025.000	58.020	5035.000
GR	57.140	5042.000	58.660	5045.000	61.700	5052.000	70.200	5052.010	71.020	5060.000
GR	80.440	5073.000	80.000	5132.500	95.000	5132.510	95.000	5257.500	77.000	5257.510
GR	70.000	5357.000	77.000	5400.000	77.000	5526.990	95.000	5527.000	.000	.000
NH	5.000	.150	4840.000	.110	5000.000	.048	5068.000	.085	5350.000	100.000
NH	5467.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4618.000	5068.000

MIDDLE OF RETAINING WALL.

X1	36655.000	24.000	5000.000	5068.000	281.000	271.000	269.000	.000	.000	.000
GR	85.000	5822.000	80.000	3977.000	75.000	4102.000	70.000	4672.000	65.000	4677.000
GR	65.000	4702.000	66.000	4840.000	66.000	4922.000	67.530	5000.000	58.770	5014.000
GR	57.770	5018.000	57.870	5028.000	58.230	5038.000	58.230	5046.000	69.230	5046.010
GR	80.440	5068.000	80.000	5122.000	95.000	5122.010	95.000	5247.000	77.000	5247.010
GR	70.000	5327.000	77.000	5350.000	77.000	5466.990	95.000	5467.000	.000	.000
NH	5.000	.150	4790.000	.110	5000.000	.048	5065.000	.085	5335.000	100.000
NH	5437.500	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4615.000	5065.000
X1	36924.000	20.000	5000.000	5065.000	269.000	269.000	269.000	.000	.000	.000
GR	85.000	3777.000	80.000	3932.000	75.000	4057.000	70.000	4612.000	65.000	4622.000
GR	65.000	4642.000	66.000	4790.000	66.000	4872.000	67.530	5000.000	59.160	5010.000
GR	58.490	5030.000	59.160	5045.000	60.660	5050.000	70.160	5050.010	72.800	5065.000
GR	75.000	5072.500	76.000	5187.500	77.000	5335.000	77.000	5437.490	95.000	5437.500

NH	5,000	.150	4790.000	.110	5000.000	.048	5065.000	.085	5335.000	100.000
NH	5437.500	.000	.000	.000	.000	.000	.000	.000	4615.000	5065.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

1' U/S OF RETAINING WALL,
FIRST X-SECTION FOR PIPE D/S OF VIRGINIA

X1	36925.000	19.000	5000.000	5065.000	1.000	1.000	1.000	.000	.000	.000
GR	35.000	3777.000	80.000	3932.000	75.000	4057.000	70.000	.000	65.000	4622.000
CR	65.000	4642.000	66.000	4790.000	66.000	4872.000	67.530	5000.700	59.160	5010.000
CR	58.490	5030.000	59.160	5045.000	60.660	5050.000	72.800	5065.300	75.000	5072.500
GR	76.000	5187.500	77.000	5335.000	77.000	5437.490	93.000	5437.500	.000	.000

NH	4,000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	5105.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4605.000	.000
X1	37179.000	27.000	5000.000	5100.000	214.500	257.000	254.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X4	1.000	.000	4000.000	.000	.000	.000	.000	.000	.000	.000
GR	80.000	3950.000	68.000	4800.000	70.000	4850.000	70.000	4900.000	70.000	4950.100
GR	73.330	5006.000	70.320	5010.000	65.620	5035.000	64.370	5035.010	60.500	5050.000
GR	59.900	5055.000	59.700	5066.000	59.400	5065.000	59.000	5070.000	59.000	5075.000
GR	59.800	5080.000	60.300	5085.000	61.800	5090.000	64.500	5095.000	65.750	5095.010
GR	70.000	5100.000	69.400	5105.000	69.900	5110.000	72.100	5115.000	73.200	5120.000
GR	77.450	5150.000	80.000	5365.000	.000	5110.000	.000	5115.000	.000	.000

NH	4,000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	5105.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4615.000	.000

PIPE D/S OF VIRGINIA

X1	37180.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-19.000	3950.000	80.000	80.000	4000.000	75.000	75.000	4800.000	68.000	68.000
BT	.000	4850.000	70.000	70.000	4900.000	70.000	70.000	4950.000	70.000	70.000
BT	.000	5000.000	73.330	73.330	5010.000	70.320	70.320	5035.000	65.620	65.620
BT	.000	5035.010	65.620	64.370	5095.000	65.750	64.500	5095.010	65.750	65.750
BT	.000	5100.000	70.000	70.000	5105.000	69.400	69.400	5110.000	69.900	69.900
BT	.000	5115.000	72.100	72.100	5120.000	73.200	73.200	5150.000	77.450	77.450
BT	.000	5365.000	80.000	80.000	.000	.000	.000	.000	.000	.000

NH	4,000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	5105.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4605.000	.000
X1	37181.000	.000	.000	.000	1.250	1.250	1.250	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	4,000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	5105.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4605.000	.000
X1	37182.000	.000	.000	.000	1.000	1.000	1.000	9.100	4605.000	5105.000
X3	10.000	.000	.000	.000	.000	.000	.000	65.620	65.750	.000

MC	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000	.000	.000
NH	4.000	.150	4800.000	5000.000	.048	.000	5120.000	5365.000	5154.000	5365.000	5154.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	4604.000	5154.000	4604.000	5154.000	.000

LAST X-SECTION FOR PIPE D/S OF VIRGINIA AVE.
FIRST X-SECTION FOR VIRGINIA AVE.

X1	37228.000	50.000	5000.000	5120.000	47.000	47.000	47.000	47.000	47.000	47.000	47.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X4	1.000	75.000	4000.000	.000	.000	.000	.000	74.170	.000	76.210	.000	.000
GR	80.000	3950.000	68.000	4800.000	4850.000	4850.000	4850.000	4900.000	4900.000	70.000	4900.000	4950.000
GR	73.330	4999.990	73.330	5000.000	5001.000	5001.000	5001.000	5002.500	5002.500	72.010	5006.000	5030.000
GR	70.320	5010.000	69.100	5015.000	5020.000	5020.000	5020.000	5025.000	5025.000	68.700	5039.510	5045.000
GR	66.700	5035.000	66.700	5038.750	5041.250	5041.250	5041.250	5041.260	5041.260	63.600	5045.000	5070.000
GR	60.500	5050.000	59.900	5055.000	5060.000	5060.000	5060.000	5065.000	5065.000	59.400	5070.000	5079.510
GR	59.800	5075.000	59.800	5078.750	5078.760	5078.760	5078.760	5079.500	5079.500	59.800	5085.000	5085.000
GR	59.800	5080.500	59.800	5080.510	5081.250	5081.250	5081.250	5081.260	5081.260	60.300	5110.000	5110.000
GR	61.800	5090.000	65.600	5095.000	5100.000	5100.000	5100.000	5105.000	5105.000	69.900	5150.000	5150.000
GR	72.100	5115.000	73.200	5120.000	5120.010	5120.010	5120.010	5150.000	5150.000	80.600	5365.000	5365.000
NH	4.000	.150	4800.000	.110	.048	.048	.048	5120.000	.085	5365.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	4604.000	9.110	4604.000	5154.000	.000

H VIRGINIA AVE.

X1	37229.000	.000	.000	.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	.000
BT	-51.000	3950.000	80.000	4000.000	4000.000	4000.000	4000.000	4800.000	4800.000	74.170	68.000	70.000
BT	.000	4850.000	74.620	4900.000	4900.000	4900.000	4900.000	4950.000	4950.000	75.630	70.000	70.000
BT	.000	4999.990	76.180	5000.000	5000.000	5000.000	5000.000	5001.000	5001.000	72.880	73.310	73.310
BT	.000	5002.500	78.830	5006.000	5006.000	5006.000	5006.000	5010.000	5010.000	78.750	73.180	73.180
BT	.000	5015.000	78.750	5020.000	5020.000	5020.000	5020.000	5025.000	5025.000	78.750	73.180	73.180
BT	.000	5050.000	78.750	5035.000	5035.000	5035.000	5035.000	5038.750	5038.750	78.800	73.230	73.230
BT	.000	5038.760	78.800	5039.500	5039.500	5039.500	5039.500	5039.510	5039.510	78.800	66.700	66.700
BT	.000	5040.500	78.800	5040.510	5040.510	5040.510	5040.510	5041.250	5041.250	78.800	70.730	70.730
BT	.000	5041.260	78.800	5045.000	5045.000	5045.000	5045.000	5050.000	5050.000	78.800	70.730	70.730
BT	.000	5055.000	78.770	5060.000	5060.000	5060.000	5060.000	5065.000	5065.000	78.750	73.180	73.180
BT	.000	5070.000	78.780	5075.000	5075.000	5075.000	5075.000	5078.750	5078.750	78.790	73.220	73.220
BT	.000	5078.760	78.790	5079.500	5079.500	5079.500	5079.500	5079.510	5079.510	78.790	59.800	59.800
BT	.000	5080.500	78.790	5080.510	5080.510	5080.510	5080.510	5081.250	5081.250	78.790	70.720	70.720
BT	.000	5081.260	78.790	5085.000	5085.000	5085.000	5085.000	5090.000	5090.000	78.780	73.210	73.210
BT	.000	5095.000	78.740	5100.000	5100.000	5100.000	5100.000	5105.000	5105.000	78.730	73.190	73.190
BT	.000	5110.000	78.740	5115.000	5115.000	5115.000	5115.000	5120.000	5120.000	78.730	73.200	73.200
BT	.000	5120.010	76.210	5150.000	5150.000	5150.000	5150.000	5365.000	5365.000	80.000	80.000	80.000
NH	4.000	.150	4800.000	.110	.048	.048	.048	5120.000	.085	5365.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	4604.000	9.110	4604.000	5160.000	.000
X1	37271.000	.000	.000	.000	41.500	41.500	41.500	41.500	.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000	.000

NH	4.000	.150	4800.000	.110	5000.000	.048	5120.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4604.000	.000
X1	37272.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	74.170	76.210	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5120.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4604.000	.000

LAST X-SECTION FOR VIRGINIA AVE.

X1	37391.000	.000	.000	.000	119.000	119.000	119.000	.000	.320	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	6.000	.150	5380.000	.110	5552.500	.048	5621.500	.085	5705.000	100.000
NH	5830.000	100.000	5830.010	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	10.410	.000	.000

X-SECTION LCL
& FIRST X-SECTION FOR # 1, R.R.

X1	37740.000	27.000	5552.500	5621.500	446.750	334.250	349.000	.000	.000	.000
GR	85.000	5000.000	80.000	5030.000	75.000	5095.000	70.000	.000	.000	.000
GR	67.970	5552.500	67.470	5557.500	63.470	5564.500	61.870	.000	.000	.000
GR	61.870	5582.500	61.470	5587.500	60.870	5593.500	60.670	.000	.000	.000
GR	57.870	5602.500	58.170	5607.500	60.070	5613.500	64.670	.000	.000	.000
GR	68.370	5627.500	65.000	5652.000	70.000	5690.000	75.000	.000	.000	.000
GR	78.000	5830.000	98.000	5830.010	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	.000	.000
X1	38285.000	80.000	5000.000	5481.500	490.500	545.500	545.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	82.260	5000.000	81.300	5005.000	80.700	5010.000	74.500	.000	.000	.000
GR	74.500	5026.500	74.500	5026.510	71.300	5035.000	70.500	.000	.000	.000
GR	71.800	5072.500	71.800	5072.510	71.800	5077.500	71.820	.000	.000	.000
GR	71.100	5095.000	70.900	5105.000	70.600	5115.000	70.500	.000	.000	.000
GR	70.500	5127.500	70.500	5127.510	70.500	5135.510	70.500	.000	.000	.000
GR	69.300	5170.000	69.000	5173.500	69.000	5173.510	69.000	.000	.000	.000
GR	68.900	5180.000	66.500	5195.000	65.600	5199.500	65.600	.000	.000	.000
GR	65.600	5200.510	64.800	5205.000	63.500	5212.500	63.500	.000	.000	.000
GR	63.500	5215.510	62.700	5220.000	61.900	5225.000	61.500	.000	.000	.000
GR	62.160	5245.000	63.300	5250.000	65.400	5255.000	68.460	.000	.000	.000
GR	69.360	5270.000	69.160	5277.500	69.160	5277.510	69.160	.000	.000	.000
GR	69.460	5290.000	69.160	5300.000	69.460	5305.000	69.460	.000	.000	.000
GR	69.860	5330.500	69.860	5330.510	69.860	5335.000	70.060	.000	.000	.000
GR	70.760	5353.500	70.760	5353.510	70.760	5356.500	70.760	.000	.000	.000
GR	73.460	5370.000	74.260	5375.000	81.200	5381.500	83.060	.000	.000	.000

THIS RUN EXECUTED 01-31-86 04:24:07

 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

LOWER CREEK,

SUMMARY PRINTOUT TABLE 110

SECHO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
1750.000	28.41	-51.27	28.69	1580.43	4475.52	7249.26	5545.21	.00	.00	5950.00	6015.00	.00
1750.000	29.41	1.00	29.73	739.14	4003.87	7955.37	5310.76	.15	5614.90	5950.00	6015.00	6354.05
3640.000	30.48	.00	30.92	2166.45	2014.40	9961.79	5293.81	.00	.00	5785.50	5873.50	.00
3640.000	31.42	.94	31.92	650.00	2373.20	10679.91	4216.89	650.00	5472.00	5785.50	5873.50	6122.00
4680.000	32.13	.00	32.81	768.01	2128.94	9598.01	5543.05	.00	.00	5678.50	5746.00	.00
4680.000	32.98	.85	33.71	500.00	884.13	10194.37	6191.49	500.00	5653.00	5678.50	5746.00	6153.00
5635.600	33.22	.00	33.34	1075.38	1393.72	7691.53	6454.76	.00	.00	4980.00	5095.00	.00
5635.600	34.13	.91	34.30	500.00	221.59	8923.38	6395.04	500.00	4960.00	4980.00	5095.00	5460.00
5918.600	33.30	.00	33.42	1072.15	1375.05	7725.32	6439.62	.00	.00	4980.00	5095.00	.00
5918.600	34.23	.92	34.39	500.00	135.69	8929.89	6474.42	500.00	4967.00	4980.00	5095.00	5467.00
5919.600	33.27	.00	33.45	1071.18	2955.25	7247.05	5337.70	.00	.00	4950.00	5121.00	.00
5919.600	34.21	.93	34.41	500.00	1796.02	8174.30	5569.67	500.00	4861.00	4950.00	5121.00	5361.00
5940.400	33.31	.00	33.52	1072.35	1831.56	7763.26	5945.19	.00	.00	4950.00	5121.00	.00
5940.400	34.25	.94	34.47	500.00	1227.80	8547.56	5764.64	500.00	4846.00	4950.00	5121.00	5346.00
5941.400	33.42	.00	33.55	1076.31	809.69	8002.00	6728.32	.00	.00	4980.00	5095.00	.00
5941.400	34.32	.90	34.49	500.00	248.57	9077.19	6214.24	500.00	4940.00	4980.00	5095.00	5440.00
6011.400	33.46	.00	33.57	1076.57	1243.33	7501.50	6795.17	.00	.00	4980.00	5095.00	.00
6011.400	34.37	.91	34.52	500.00	203.34	8516.64	6820.02	500.00	4970.00	4980.00	5095.00	5470.00
9750.000	34.32	.00	34.35	1284.50	6354.06	3844.04	5341.90	.00	.00	5897.50	5987.50	.00
9750.000	35.29	.97	35.33	987.38	6258.13	4245.19	5036.67	.12	5322.92	5897.50	5987.50	6310.30
11287.000	34.61	.00	34.65	1178.64	3187.90	3643.24	8708.86	.00	.00	5000.00	5084.00	.00
11287.000	35.58	.97	35.64	886.30	2526.65	4059.65	8953.70	.13	4747.35	5000.00	5084.00	5633.66

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
13337.000	35.89	.00	36.13	1910.08	8688.10	6627.01	224.89	.00	.00	5000.00	5084.00	.00
13337.000	36.83	.94	37.15	654.27	8038.13	7501.86	.00	.16	4429.74	5000.00	5084.00	5084.00
15288.000	38.64	.00	39.11	1283.07	5978.09	6388.52	3173.38	.00	.00	5647.50	5707.50	.00
15288.000	39.59	.95	40.17	659.00	5787.70	7170.19	2582.11	659.00	5280.00	5647.50	5707.50	5939.00
16450.000	40.51	.00	40.69	1143.81	8463.30	5817.03	1259.67	.00	.00	5907.00	5989.00	.00
16450.000	41.50	.99	41.71	875.00	8962.99	6409.43	167.58	875.00	5130.00	5907.00	5989.00	6005.00
18692.000	43.10	.00	43.40	833.65	7688.30	7486.40	365.30	.00	.00	5000.00	5114.31	.00
18692.000	44.06	.96	44.48	450.00	6518.42	8932.03	89.55	450.00	4685.00	5000.00	5114.31	5135.00
19134.000	43.75	.00	44.03	838.75	7726.55	7432.06	381.39	.00	.00	5000.00	5114.31	.00
19134.000	44.76	1.01	45.17	450.00	6484.06	8937.53	118.40	450.00	4690.00	5000.00	5114.31	5140.00
19164.000	47.16	.00	47.27	948.10	8340.87	6480.90	718.23	.00	.00	5000.00	5114.31	.00
19164.000	47.41	.25	47.67	430.00	6782.52	8666.09	91.39	430.00	4700.00	5000.00	5114.31	5130.00
19274.000	47.20	.00	47.32	943.85	8323.07	6509.97	706.96	.00	.00	5000.00	5114.31	.00
19274.000	47.49	.28	47.76	410.00	6668.89	8846.17	24.94	410.00	4710.00	5000.00	5114.31	5120.00
21190.000	48.61	.00	48.92	1898.99	6732.70	7619.01	1188.29	.00	.00	6550.00	6630.00	.00
21190.000	49.48	.88	50.03	700.00	5170.01	9564.45	805.54	700.00	6065.00	6550.00	6630.00	6765.00
23320.000	51.42	.00	52.04	959.05	1090.56	9786.81	4662.63	.00	.00	5280.00	5360.00	.00
23320.000	52.44	1.03	52.91	755.00	1131.31	9216.41	5192.29	755.00	5150.00	5280.00	5360.00	5905.00
24385.000	53.20	.00	53.73	1382.68	2.50	10549.22	4988.28	.00	.00	5000.00	5089.00	.00
24385.000	53.83	.63	54.58	600.00	.00	12176.00	3364.00	600.00	5000.00	5000.00	5089.00	5600.00
24390.000	53.16	.00	53.76	1382.20	3.01	9420.93	6116.05	.00	.00	5000.00	5082.00	.00
24390.000	53.68	.53	54.66	600.00	.00	11348.78	4191.22	600.00	5000.00	5000.00	5082.00	5600.00
25455.000	55.09	.00	55.82	956.05	2284.87	11248.18	2006.95	.00	.00	5440.00	5534.00	.00
25455.000	56.10	1.01	56.87	502.00	1870.03	11967.70	1702.27	502.00	5200.00	5440.00	5534.00	5702.00
27385.000	58.26	.00	58.44	948.10	52.81	6588.56	8898.63	.00	.00	5145.00	5265.00	.00
27385.000	59.27	1.00	59.52	565.00	.00	7760.48	7779.52	565.00	5145.00	5145.00	5265.00	5710.00
27422.000	58.14	.00	58.58	920.19	358.57	7142.42	8039.01	.00	.00	4991.00	5064.50	.00
27422.000	59.14	1.00	59.65	570.00	110.86	7908.64	7520.50	570.00	4973.00	4991.00	5064.50	5543.00
27605.000	58.74	.00	59.09	931.65	440.38	6838.60	8261.03	.00	.00	4991.00	5064.50	.00
27605.000	59.71	.97	60.14	570.00	117.45	7671.56	7750.99	570.00	4973.00	4991.00	5064.50	5543.00
27606.000	59.00	.00	59.15	936.53	650.99	4174.49	10714.32	.00	.00	4991.00	5064.50	.00
27606.000	59.98	.98	60.21	570.00	207.67	5008.85	10323.48	570.00	4973.00	4991.00	5064.50	5543.00
27614.000	59.02	.00	59.18	936.85	653.64	4169.47	10716.89	.00	.00	4991.00	5064.50	.00
27614.000	60.01	.98	60.23	570.00	207.92	5004.86	10327.22	570.00	4973.00	4991.00	5064.50	5543.00

SECNO	CWSEL	DIFKMS	EG	TOPJID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
27615.000	58.94	.00	59.27	935.33	465.57	6748.87	8325.56	.00	.00	4991.00	5064.50	.00
27615.000	59.92	.98	60.33	570.00	119.55	7593.86	7826.58	570.00	4973.00	4991.00	5064.50	5543.00
27660.000	59.08	.00	59.35	936.67	433.05	6129.29	7617.66	.00	.00	4991.00	5064.50	.00
27660.000	60.08	1.00	60.42	570.00	109.90	6898.71	7171.38	570.00	4973.00	4991.00	5064.50	5543.00
28654.000	60.24	.00	60.59	858.30	23.89	8101.55	6054.57	.00	.00	5000.00	5092.00	.00
28654.000	61.22	.98	61.63	545.00	30.14	8874.43	5275.44	545.00	4990.00	5000.00	5092.00	5535.00
28929.000	60.57	.00	60.93	857.46	23.32	8134.41	6022.27	.00	.00	5000.00	5092.00	.00
28929.000	61.58	1.02	61.96	560.00	.00	8617.56	5562.44	560.00	5000.00	5000.00	5092.00	5560.00
28930.000	60.84	.00	60.99	860.88	34.94	5754.63	8390.43	.00	.00	5000.00	5092.00	.00
28930.000	61.83	.99	62.02	560.00	.00	6374.87	7805.13	560.00	5000.00	5000.00	5092.00	5560.00
28931.000	60.84	.00	60.99	860.89	34.94	5754.45	8390.61	.00	.00	5000.00	5092.00	.00
28931.000	61.83	.99	62.02	560.00	.00	6375.89	7804.11	560.00	5000.00	5000.00	5092.00	5560.00
28932.000	60.75	.00	61.09	859.70	24.82	8048.38	6106.81	.00	.00	5000.00	5092.00	.00
28932.000	61.74	1.00	62.11	560.00	.00	8552.84	5627.15	560.00	5000.00	5000.00	5092.00	5560.00
28999.000	60.84	.00	61.17	859.59	24.15	7859.41	5956.44	.00	.00	5000.00	5092.00	.00
28999.000	61.84	1.00	62.19	560.00	.00	8350.89	5489.11	560.00	5000.00	5000.00	5092.00	5560.00
29965.000	61.98	.00	62.32	932.72	119.84	7827.51	5892.66	.00	.00	5004.00	5107.00	.00
29965.000	62.97	.99	63.37	600.00	.00	8727.78	5112.22	600.00	5004.00	5004.00	5107.00	5604.00
31000.000	63.63	.00	64.98	541.15	82.81	11937.46	1819.72	.00	.00	5236.00	5327.00	.00
31000.000	64.67	1.04	65.86	370.00	.00	12057.00	1783.00	370.00	5236.00	5236.00	5327.00	5606.00
31300.000	65.09	.00	65.79	502.89	.00	11075.36	2764.64	.00	.00	5065.00	5165.00	.00
31300.000	65.85	.76	66.60	328.29	.00	11690.36	2149.64	330.00	5065.00	5065.00	5165.00	5395.00
32381.000	67.31	.00	67.52	592.10	13.83	4733.48	7442.70	.00	.00	5000.00	5075.00	.00
32381.000	68.15	.84	68.45	385.00	.00	5640.69	6549.31	385.00	5000.00	5000.00	5075.00	5385.00
32692.000	67.23	.00	69.10	83.00	.00	12190.00	.00	.00	.00	5000.00	5083.00	.00
32692.000	68.22	.99	69.84	83.00	.00	12190.00	.00	235.00	5000.00	5000.00	5083.00	5235.00
32693.000	67.04	.00	69.30	121.38	.00	12190.00	.00	.00	.00	5000.00	5083.00	.00
32693.000	68.05	1.01	70.01	100.00	.00	12190.00	.00	100.00	4990.00	5000.00	5083.00	5090.00
32718.000	67.28	.00	69.46	123.83	.00	12190.00	.00	.00	.00	5000.00	5083.00	.00
32718.000	68.22	.94	70.14	100.00	.00	12190.00	.00	100.00	4995.00	5000.00	5083.00	5095.00
32719.000	67.93	.00	69.62	83.00	.00	12190.00	.00	.00	.00	5000.00	5083.00	.00
32719.000	68.78	.85	70.27	88.00	34.72	12155.28	.00	120.00	4995.00	5000.00	5083.00	5115.00
32796.000	67.02	.00	72.27	70.09	7.01	12168.83	14.15	.00	.00	5010.00	5070.00	.00
32796.000	67.99	.97	72.39	74.93	17.28	12137.82	34.89	90.00	5000.00	5010.00	5070.00	5090.00

SECH0	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QR08	PERENC	STENCL	STCHL	STCHR	STENCR
32875.000	73.74	.00	73.84	1369.50	2091.32	8027.50	2071.19	.00	.00	5000.00	5135.51	.00
32875.000	73.34	-.41	73.70	135.51	.00	12190.00	.00	135.51	5000.00	5000.00	5135.51	5135.51
32907.000	73.89	.00	73.99	1386.31	2091.15	7956.43	2142.42	.00	.00	5000.00	5135.51	.00
32907.000	73.34	-.55	73.70	135.51	.00	12190.00	.00	135.51	5000.00	5000.00	5135.51	5135.51
32919.000	73.89	.00	74.00	1386.60	2152.77	7385.71	2651.52	.00	.00	5000.00	5105.01	.00
32919.000	73.28	-.61	73.77	105.01	.00	12190.00	.00	105.01	5000.00	5000.00	5105.01	5105.01
32931.000	73.89	.00	74.00	1386.39	2152.77	7386.60	2550.63	.00	.00	5000.00	5105.01	.00
32931.000	73.29	-.60	73.78	105.00	.00	12190.00	.00	105.00	5000.00	5000.00	5105.01	5105.00
32932.000	73.97	.00	74.02	1395.28	3200.26	5070.80	3918.93	.00	.00	5000.00	5105.01	.00
32932.000	73.28	-.69	73.80	105.00	.00	12190.00	.00	105.00	5000.00	5000.00	5105.01	5105.00
32933.000	73.97	.00	74.02	1395.30	3200.24	5070.70	3919.06	.00	.00	5000.00	5105.01	.00
32933.000	73.28	-.69	73.80	105.01	.00	12190.00	.00	105.01	5000.00	5000.00	5105.01	5105.01
32934.000	73.94	.00	74.05	1392.02	2152.77	7362.54	2674.69	.00	.00	5000.00	5105.01	.00
32934.000	73.33	-.61	73.81	105.01	.00	12190.00	.00	105.01	5000.00	5000.00	5105.01	5105.01
33041.000	73.96	.00	74.08	1330.20	2150.77	7631.04	2408.19	.00	.00	5000.00	5105.01	.00
33041.000	73.41	-.55	73.92	105.01	.00	12190.00	.00	105.01	5000.00	5000.00	5105.01	5105.01
33660.000	74.22	.00	74.27	1758.05	7950.15	3008.97	1230.88	.00	.00	5905.00	5975.00	.00
33660.000	74.34	.11	74.95	390.00	4251.36	7824.19	114.46	390.00	5630.00	5905.00	5975.00	6020.00
33995.000	74.29	.00	74.46	1551.28	5753.43	6103.13	333.44	.00	.00	5000.00	5088.00	.00
33995.000	75.11	.81	75.37	450.00	4740.90	7412.35	36.75	450.00	4650.00	5000.00	5088.00	5100.00
34246.000	74.45	.00	74.62	1553.21	5760.64	6091.25	338.11	.00	.00	5000.00	5088.00	.00
34246.000	75.31	.85	75.57	450.00	4756.62	7395.67	37.71	450.00	4650.00	5000.00	5088.00	5100.00
34247.000	74.56	.00	74.64	1558.58	7594.23	4372.11	223.66	.00	.00	5000.00	5088.00	.00
34247.000	75.47	.90	75.60	450.00	6629.53	5531.40	29.06	450.00	4650.00	5000.00	5088.00	5100.00
34248.000	74.56	.00	74.64	1558.61	7594.32	4371.98	223.70	.00	.00	5000.00	5088.00	.00
34248.000	75.47	.90	75.60	450.00	6629.26	5531.69	29.05	450.00	4650.00	5000.00	5088.00	5100.00
34249.000	74.52	.00	74.68	1556.68	5773.43	6070.10	346.47	.00	.00	5000.00	5088.00	.00
34249.000	75.41	.89	75.66	450.00	4776.28	7374.80	38.92	450.00	4650.00	5000.00	5088.00	5100.00
34311.000	74.56	.00	74.72	1555.42	5768.80	6077.78	343.42	.00	.00	5000.00	5088.00	.00
34311.000	75.46	.90	75.71	460.00	4758.12	7353.06	78.81	460.00	4650.00	5000.00	5088.00	5110.00
34784.000	74.67	.00	75.23	887.50	1990.70	9279.80	919.50	.00	.00	5000.00	5077.20	.00
34784.000	75.67	1.00	76.14	460.00	2152.50	9103.95	933.56	460.00	4725.00	5000.00	5077.20	5185.00
35069.000	75.15	.00	75.55	892.52	1811.76	8331.50	2046.74	.00	.00	5000.00	5077.20	.00
35069.000	76.02	.85	76.40	460.00	2007.81	8499.66	1682.54	460.00	4810.00	5000.00	5077.20	5270.00

SEONO	CVSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
35101.000	75.29	.00	75.67	897.79	1826.18	8281.29	2082.52	.00	.00	5000.00	5077.20	.00
35101.000	76.32	1.03	76.68	460.00	2045.25	8432.42	1712.33	460.00	4810.00	5000.00	5077.20	5270.00
35171.000	75.38	.00	75.74	894.01	1756.59	8045.76	2387.65	.00	.00	5000.00	5077.20	.00
35171.000	76.41	1.03	76.74	460.00	1858.66	8114.23	2217.12	460.00	4860.00	5000.00	5077.20	5320.00
35310.000	75.60	.00	75.85	1157.17	2545.28	6034.83	749.88	.00	.00	5660.00	5730.00	.00
35310.000	76.64	1.03	76.83	460.00	2582.67	5761.99	985.34	460.00	5425.00	5660.00	5730.00	5885.00
35460.000	75.87	.00	75.90	1386.60	1765.89	4738.74	2825.37	.00	.00	5415.00	5579.00	.00
35460.000	76.81	.95	76.88	480.00	2029.12	6565.90	734.97	480.00	5167.00	5415.00	5579.00	5647.00
35829.000	75.79	.00	76.22	693.11	1207.85	7210.83	911.32	.00	.00	4988.00	5063.00	.00
35829.000	76.77	.99	77.16	438.50	1486.96	7219.57	623.47	450.00	4688.00	4988.00	5063.00	5138.00
36028.000	75.99	.00	76.45	666.23	1184.98	7283.77	861.25	.00	.00	4988.00	5063.00	.00
36028.000	76.94	.95	77.35	431.04	1450.26	7272.49	607.25	450.00	4688.00	4988.00	5063.00	5138.00
36029.000	76.13	.00	76.46	696.44	2836.33	4344.18	2149.49	.00	.00	4988.00	5063.00	.00
36029.000	77.03	.90	77.36	435.42	3377.60	4536.96	1415.44	450.00	4688.00	4988.00	5063.00	5138.00
36043.000	76.23	.00	76.54	717.92	2837.73	4280.61	2211.66	.00	.00	4988.00	5063.00	.00
36043.000	77.10	.87	77.42	438.97	3393.89	4513.07	1423.04	450.00	4688.00	4988.00	5063.00	5138.00
36044.000	76.15	.00	76.58	699.86	1213.29	7193.05	923.66	.00	.00	4988.00	5063.00	.00
36044.000	77.05	.90	77.45	436.40	1475.34	7236.30	618.37	450.00	4688.00	4988.00	5063.00	5138.00
36093.000	76.18	.00	76.64	666.89	1185.87	7281.23	862.90	.00	.00	4988.00	5063.00	.00
36093.000	77.08	.90	77.50	428.88	1440.20	7287.07	602.73	450.00	4688.00	4988.00	5063.00	5138.00
36260.000	76.60	.00	76.79	587.13	3674.02	5643.91	12.96	.00	.00	6035.00	6112.00	.00
36260.000	77.47	.87	77.63	454.15	3992.00	5338.00	.00	460.00	5645.00	6035.00	6112.00	6105.00
36385.000	76.77	.00	76.86	717.06	5268.75	3674.52	386.73	.00	.00	5000.00	5073.00	.00
36385.000	77.58	.81	77.69	446.05	5255.00	4075.00	.00	450.00	4623.00	5000.00	5073.00	5073.00
36386.000	76.78	.00	76.86	717.07	5457.09	3472.32	400.59	.00	.00	5000.00	5073.00	.00
36386.000	77.59	.81	77.69	446.05	5456.07	3873.93	.00	450.00	4623.00	5000.00	5073.00	5073.00
36655.000	76.93	.00	77.00	1109.30	6083.43	2935.48	311.09	.00	.00	5000.00	5068.00	.00
36655.000	77.74	.81	77.84	444.71	5900.15	3429.85	.00	450.00	4618.00	5000.00	5068.00	5068.00
36924.000	77.05	.00	77.11	1431.99	6200.56	3011.04	118.40	.00	.00	5000.00	5065.00	.00
36924.000	77.90	.84	77.98	450.00	5890.37	3439.63	.00	450.00	4615.00	5000.00	5065.00	5065.00
36925.000	77.05	.00	77.12	1431.85	5851.89	3367.03	111.08	.00	.00	5000.00	5065.00	.00
36925.000	77.89	.84	77.98	450.00	5537.70	3792.50	.00	450.00	4615.00	5000.00	5065.00	5065.00
37179.000	77.12	.00	77.23	1169.04	4501.58	4632.37	196.05	.00	.00	5000.00	5100.00	.00
37179.000	77.97	.84	78.13	500.00	3690.26	5604.40	35.33	500.00	4605.00	5000.00	5100.00	5105.00

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
37180.000	77.19	.00	77.24	1170.15	5822.44	3253.23	254.33	.00	.00	5000.00	5100.00	.00
37180.000	78.06	.86	78.15	500.00	5105.34	4191.39	33.27	500.00	4605.00	5000.00	5100.00	5105.00
37181.000	77.20	.00	77.24	1170.16	5822.64	3253.01	254.35	.00	.00	5000.00	5100.00	.00
37181.000	78.06	.86	78.15	500.00	5105.30	4191.44	33.27	500.00	4605.00	5000.00	5100.00	5105.00
37182.000	77.17	.00	77.27	1169.73	4514.94	4618.06	196.99	.00	.00	5000.00	5100.00	.00
37182.000	78.03	.86	78.18	500.00	3700.32	5594.34	35.34	500.00	4605.00	5000.00	5100.00	5105.00
37228.000	77.20	.00	77.29	1170.20	4689.93	4606.13	33.94	.00	.00	5000.00	5120.00	.00
37228.000	78.08	.88	78.21	550.00	3749.53	5514.87	65.60	550.00	4604.00	5000.00	5120.00	5154.00
37229.000	77.06	.00	77.44	1167.92	3805.61	5516.93	7.46	.00	.00	5000.00	5120.00	.00
37229.000	78.07	1.00	78.23	550.00	5497.11	3787.50	45.40	550.00	4604.00	5000.00	5120.00	5154.00
37271.000	77.47	.00	77.74	1176.60	4408.81	4902.19	19.00	.00	.00	5000.00	5120.00	.00
37271.000	78.22	.75	78.37	556.00	5574.16	3704.11	51.72	556.00	4604.00	5000.00	5120.00	5160.00
37272.000	77.72	.00	77.80	1200.29	4834.23	4451.62	44.16	.00	.00	5000.00	5120.00	.00
37272.000	78.26	.53	78.38	556.00	3770.99	5486.42	72.59	556.00	4604.00	5000.00	5120.00	5160.00
37391.000	77.78	.00	77.84	1235.53	4924.47	4350.99	54.53	.00	.00	5000.00	5120.00	.00
37391.000	78.33	.55	78.44	556.00	3814.41	5429.86	85.72	556.00	4604.00	5000.00	5120.00	5160.00
37740.000	77.90	.00	77.98	681.65	4322.95	3778.80	1228.25	.00	.00	5552.50	5621.50	.00
37740.000	78.50	.60	78.61	477.02	4375.35	4236.73	717.92	.13	5182.90	5552.50	5621.50	5659.92
38285.000	78.10	.00	78.23	362.94	.00	9330.00	.00	.00	.00	5000.00	5481.50	.00
38285.000	78.71	.60	78.82	364.80	.00	9330.00	.00	.00	5000.00	5000.00	5481.50	5481.50
38286.000	78.09	.00	78.25	362.92	.00	9330.00	.00	.00	.00	5000.00	5481.50	.00
38286.000	78.70	.61	78.83	364.82	.00	9330.00	.00	.00	5000.00	5000.00	5481.50	5481.50
38303.000	78.10	.00	78.26	362.94	.00	9330.00	.00	.00	.00	5000.00	5481.50	.00
38303.000	78.70	.60	78.84	364.81	.00	9330.00	.00	.00	5000.00	5000.00	5481.50	5481.50
38304.000	78.13	.00	78.26	363.03	.00	9330.00	.00	.00	.00	5000.00	5481.50	.00
38304.000	78.73	.60	78.85	364.90	.00	9330.00	.00	.00	5000.00	5000.00	5481.50	5481.50
38503.000	78.23	.00	78.37	362.37	.00	9330.00	.00	.00	.00	5000.00	5481.50	.00
38503.000	78.81	.58	78.93	364.14	.00	9330.00	.00	.00	5000.00	5000.00	5481.50	5481.50

01-31-86 04:17:01

FLOODWAY DATA, LOWER CREEK,
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
1750.000	739.	8191.	2.1	29.4	28.4	1.0
3640.000	650.	6607.	2.6	31.4	30.5	.9
4680.000	500.	6020.	2.9	33.0	32.1	.9
5635.600	500.	6595.	2.4	34.1	33.2	.9
5918.600	500.	6559.	2.4	34.2	33.3	.9
5919.600	500.	4695.	3.3	34.2	33.3	.9
5940.400	500.	4662.	3.3	34.2	33.3	.9
5941.400	500.	6562.	2.4	34.3	33.4	.9
6011.400	500.	6612.	2.4	34.4	33.5	.9
9750.000	987.	12796.	1.2	35.3	34.3	1.0
11287.000	886.	10443.	1.5	35.6	34.6	1.0
13337.000	654.	5662.	2.7	36.8	35.9	.9
15288.000	659.	5158.	3.0	39.6	38.6	1.0
16450.000	875.	8199.	1.9	41.5	40.5	1.0
18692.000	450.	4149.	3.7	44.1	43.1	1.0
19134.000	450.	4217.	3.7	44.7	43.7	1.0
19164.000	430.	5223.	3.0	47.5	47.2	.3
19274.000	450.	4991.	3.1	47.5	47.2	.3
21190.000	700.	4763.	3.3	49.5	48.6	.9
23320.000	755.	5154.	3.0	52.4	51.4	1.0
24385.000	600.	4446.	3.5	53.8	53.2	.6
24390.000	600.	4044.	3.8	53.7	53.2	.5
25455.000	502.	4301.	3.6	56.1	55.1	1.0
27385.000	565.	5856.	2.7	59.3	58.3	1.0
27422.000	570.	4649.	3.3	59.1	58.1	1.0
27605.000	570.	4985.	3.1	59.7	58.7	1.0
27606.000	570.	4770.	3.3	60.0	59.0	1.0
27614.000	570.	4779.	3.3	60.0	59.0	1.0
27615.000	570.	5105.	3.0	59.9	58.9	1.0
27660.000	570.	5158.	2.7	60.1	59.1	1.0
28654.000	545.	4792.	3.0	61.2	60.2	1.0
28929.000	560.	4931.	2.9	61.6	60.6	1.0
28930.000	560.	5026.	2.8	61.8	60.8	1.0
28931.000	560.	5025.	2.8	61.8	60.8	1.0
28932.000	560.	5022.	2.8	61.7	60.7	1.0
28999.000	560.	5018.	2.8	61.8	60.8	1.0
29965.000	600.	5437.	2.5	63.0	62.0	1.0
31000.000	370.	2627.	5.3	64.6	63.6	1.0
31300.000	328.	3233.	4.3	65.9	65.1	.8
32381.000	385.	3458.	3.5	68.1	67.3	.8
32692.000	83.	1193.	10.2	68.2	67.2	1.0
32693.000	100.	1085.	11.2	68.0	67.0	1.0

FLOODWAY DATA, LOWER CREEK,
PROFILE NO. 2

STATION	WIDTH	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
		SECTION AREA	AREA		WITH FLOODWAY	WITHOUT FLOODWAY	
32718.000	100.	1098.	11.1	68.2	67.3	.9	
32719.000	88.	1270.	9.6	68.8	67.9	.9	
32796.000	75.	742.	16.4	68.0	67.0	1.0	
32875.000	136.	2532.	4.8	73.4	73.7	-.3	
32907.000	136.	2532.	4.8	73.4	73.9	-.5	
32919.000	105.	2178.	5.6	73.4	73.9	-.5	
32931.000	105.	2179.	5.6	73.4	73.9	-.5	
32932.000	105.	2107.	5.8	73.4	74.0	-.6	
32933.000	105.	2107.	5.8	73.4	74.0	-.6	
32934.000	105.	2183.	5.6	73.4	73.9	-.5	
33041.000	105.	2132.	5.7	73.6	74.0	-.4	
33660.000	390.	3057.	4.0	74.3	74.2	.1	
33995.000	450.	4860.	2.5	75.1	74.3	.8	
34246.000	450.	4896.	2.5	75.4	74.5	.9	
34247.000	450.	4925.	2.5	75.5	74.6	.9	
34248.000	450.	4925.	2.5	75.5	74.6	.9	
34249.000	450.	4942.	2.5	75.4	74.5	.9	
34311.000	460.	4973.	2.5	75.5	74.6	.9	
34784.000	460.	4576.	2.7	75.7	74.7	1.0	
35069.000	460.	4649.	2.6	76.1	75.2	.9	
35101.000	460.	4787.	2.5	76.3	75.3	1.0	
35171.000	460.	4730.	2.6	76.4	75.4	1.0	
35510.000	480.	4849.	1.9	76.6	75.6	1.0	
35460.000	480.	6055.	1.5	76.8	75.9	.9	
35829.000	439.	2856.	3.3	76.8	75.8	1.0	
36028.000	431.	2785.	3.4	77.0	76.0	1.0	
36029.000	435.	2345.	4.0	77.0	76.1	.9	
36043.000	439.	2377.	3.9	77.1	76.2	.9	
36044.000	436.	2834.	3.3	77.0	76.1	.9	
36093.000	429.	2766.	3.4	77.1	76.2	.9	
36260.000	454.	4637.	2.0	77.5	76.6	.9	
36385.000	446.	5129.	1.8	77.6	76.8	.8	
36386.000	446.	5095.	1.8	77.6	76.8	.8	
36655.000	445.	5189.	1.8	77.7	76.9	.8	
36924.000	450.	5566.	1.7	77.9	77.1	.8	
36925.000	450.	5641.	1.7	77.8	77.0	.8	
37179.000	500.	4775.	2.0	77.9	77.1	.8	
37180.000	500.	5700.	2.0	78.1	77.2	.9	
37181.000	500.	4746.	2.0	78.1	77.2	.9	
37182.000	500.	4805.	1.9	78.1	77.2	.9	
37228.000	550.	4955.	1.9	78.1	77.2	.9	
37229.000	550.	3311.	2.8	78.1	77.1	1.0	

FLOODWAY DATA, LOWER CREEK,
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
37271.000	556.	3371.	2.8	78.2	77.5	.7
37272.000	556.	5070.	1.8	78.2	77.7	.5
37391.000	554.	5288.	1.8	78.3	77.8	.5
37740.000	477.	5526.	1.7	78.5	77.9	.6
38285.000	365.	3417.	2.7	78.7	78.1	.6
38286.000	365.	3164.	2.9	78.7	78.1	.6
38303.000	365.	3163.	2.9	78.7	78.1	.6
38304.000	365.	3429.	2.7	78.7	78.1	.6
38503.000	364.	3340.	2.8	78.8	78.2	.6

THIS RUN EXECUTED 02-10-86 07:12:33

 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 CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
 T3 LOWER CREEK DATE: 02/08/86 100-YEAR EVENT

J1	ICHECK	INQ	MINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.000000	.00	.0	0.	77.050	.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 COOES FOR SUMMARY PRINTOUT									
	150.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
J6	IHLQ	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	7.000	3730.000	7400.000	9230.000	15060.000	9230.000	5510.000	9230.000	.000	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.150	4790.000	.110	5000.000	.048	5065.000	.085	5335.000	100.000
NH	5437.500	.060	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4615.000	5065.000

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATIONS.

QT VALUES REPRESENT THE FOLLOWING EVENTS.
 10-YR. 50-YR. 100-YR. 500-YR. 100-FLOODWAY 77-FLOOD
 2 3 4 5 6 7

LOWER CREEK. PART 2.

FIRST X-SECTION FOR PIPE D/S OF VIRGINIA

Y1	36925.000	19.000	5000.000	5065.000	1.000	1.000	1.000	.000	.000	.000
GR	85.000	3777.000	80.000	3932.000	75.000	4057.000	70.000	4612.000	65.000	4622.000
GR	65.000	4642.000	66.000	4790.000	66.000	4872.000	67.530	5000.000	59.160	5010.000
GR	58.490	5030.000	59.160	5045.000	60.660	5050.000	72.800	5065.000	75.000	5072.500
GR	76.000	5187.500	77.000	5335.000	77.000	5437.490	95.000	5437.500	.000	.000

GR	59.000	5075.000	59.800	5078.750	59.800	5078.760	59.800	5079.500	59.800	5079.510
GR	59.800	5080.500	59.800	5080.510	59.800	5081.250	59.800	5081.260	60.300	5085.000
GR	61.800	5090.000	65.600	5095.000	70.000	5100.000	69.400	5105.000	69.900	5110.000
GR	72.100	5115.000	73.200	5120.000	73.200	5120.000	77.450	5150.000	80.000	5365.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5120.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4604.000	5154.000

BRIDGE # H: VIRGINIA AVE.

PRESSURE ELEV = 73.33 WEIR ELEV = 74.17

X1	37229.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-51.000	3950.000	80.000	80.000	4000.000	75.000	75.000	4800.000	74.170	68.000
BT	.000	4850.000	74.620	70.000	4900.000	75.160	70.000	4950.000	75.630	70.000
BT	.000	4999.990	76.180	73.330	5000.000	78.900	73.330	5001.000	78.880	73.310
BT	.000	5002.500	78.830	73.260	5006.000	78.750	73.180	5010.000	78.750	73.180
BT	.000	5015.000	78.750	73.180	5020.000	78.750	73.180	5025.000	78.750	73.180
BT	.000	5030.000	78.750	73.180	5035.000	78.750	73.180	5038.750	78.800	73.230
BT	.000	5038.760	78.800	70.730	5039.500	78.800	70.730	5039.510	78.800	66.700
BT	.000	5040.500	78.800	66.700	5040.510	78.800	70.730	5041.250	78.800	70.730
BT	.000	5041.260	78.800	73.230	5045.000	78.780	73.210	5050.000	78.750	73.180
BT	.000	5055.000	78.770	73.200	5060.000	78.770	73.200	5065.000	78.780	73.210
BT	.000	5070.000	78.780	73.210	5075.000	78.780	73.210	5078.750	78.790	73.220
BT	.000	5078.760	78.790	70.720	5079.500	78.790	70.720	5079.510	78.790	59.800
BT	.000	5080.500	78.790	59.800	5080.510	78.790	70.720	5081.250	78.790	70.720
BT	.000	5081.260	78.790	73.220	5085.000	78.810	73.240	5090.000	78.780	73.210
BT	.000	5095.000	78.740	73.170	5100.000	78.730	73.190	5105.000	78.730	73.190
BT	.000	5110.000	78.740	73.140	5115.000	78.750	73.180	5120.000	78.930	73.200
BT	.000	5120.010	76.210	73.200	5150.000	77.450	77.450	5365.000	80.000	80.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5120.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4604.000	5160.000
X1	37271.000	.000	.000	.000	41.500	41.500	41.500	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5120.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4604.000	5160.000
X1	37272.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	74.170	76.210	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5120.000	.035	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4604.000	5160.000

LAST X-SECTION FOR VIRGINIA AVE.

X1	37391.000	.000	.000	.000	119.000	119.000	119.000	.000	-.320	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	6.000	.150	5380.000	.110	5552.500	.048	5621.500	.085	5705.000	100.000
NH	5830.000	100.000	5830.010	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5340.000	5640.000

X-SECTION LCL
& FIRST X-SECTION FOR # 1, R.R.

X1	37740.000	27.000	5552.500	5621.500	446.750	334.250	349.000	.000	5115.000	.000	67.000	.000
GR	85.000	5000.000	80.000	5030.000	75.000	5095.000	70.900	.000	5115.000	.000	67.000	.000
GR	67.970	5552.500	67.470	5557.500	63.470	5564.500	61.870	.000	5572.500	.000	61.870	.000
GR	61.870	5582.500	61.470	5587.500	60.870	5592.500	60.670	.000	5593.500	.000	59.570	.000
GR	57.870	5602.500	58.170	5607.500	60.070	5613.500	60.670	.000	5617.500	.000	60.670	.000
GR	68.370	5627.500	65.000	5652.000	70.000	5690.000	75.000	.000	5705.000	.000	78.000	.000
GR	78.000	5830.000	98.000	5830.010	.000	.000	.000	.000	5705.000	.000	78.000	.000
MC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000	.000
NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	9.100	.000	5070.000	.000
X1	38285.000	80.000	5180.000	5270.000	490.500	545.500	545.000	.000	5023.500	.000	69.360	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	68.900	.000	74.500	.000
GR	82.260	5000.000	81.300	5005.000	80.700	5010.000	74.500	.000	5023.500	.000	74.500	.000
GR	74.500	5026.500	74.500	5026.510	71.300	5035.000	70.500	.000	5045.000	.000	70.400	.000
GR	71.800	5072.500	71.800	5072.510	71.800	5077.500	71.800	.000	5077.510	.000	71.300	.000
GR	71.100	5095.000	70.900	5105.000	70.600	5115.000	70.500	.000	5123.500	.000	69.900	.000
GR	70.500	5127.500	70.500	5127.510	70.500	5135.000	70.500	.000	5145.000	.000	69.000	.000
GR	69.300	5170.000	69.000	5173.500	69.000	5173.510	69.000	.000	5176.500	.000	69.000	.000
GR	68.900	5180.000	66.500	5195.000	65.600	5199.500	65.600	.000	5199.510	.000	65.600	.000
GR	65.600	5200.510	64.800	5205.000	63.500	5212.500	63.500	.000	5212.510	.000	63.500	.000
GR	63.500	5215.510	62.700	5220.000	61.900	5225.000	61.500	.000	5230.000	.000	62.000	.000
GR	62.160	5245.000	63.300	5250.000	65.400	5255.000	68.460	.000	5260.000	.000	69.160	.000
GR	69.360	5270.000	69.160	5277.500	69.160	5277.510	69.160	.000	5280.500	.000	69.160	.000
GR	69.360	5290.000	69.160	5300.000	69.460	5310.000	69.460	.000	5315.500	.000	69.460	.000
GR	69.460	5318.500	69.460	5318.510	69.460	5325.000	69.860	.000	5329.500	.000	69.860	.000
GR	69.860	5330.500	69.860	5330.510	69.860	5335.000	70.060	.000	5340.000	.000	70.360	.000
GR	70.760	5353.500	70.760	5353.510	70.760	5356.500	70.760	.000	5356.510	.000	71.560	.000
GR	73.460	5370.000	74.260	5375.000	81.200	5381.500	83.060	.000	5481.500	.000	83.060	.000
NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	9.110	.000	5070.000	.000

BRIDGE # 1, R.R.
PRESSURE ELEV = 82.26 WEIR ELEV = 84.04

X1	38286.000	.000	.000	.000	1.000	1.000	1.000	.000	5010.000	.000	84.750	.000
BT	-80.000	5000.000	84.760	82.260	5005.000	84.760	82.260	.000	5010.000	.000	84.750	.000
BT	.000	5023.500	84.660	82.160	5023.510	84.660	74.500	.000	5026.500	.000	84.660	.000
BT	.000	5026.510	84.660	82.160	5035.000	84.610	82.110	.000	5045.000	.000	84.570	.000
BT	.000	5055.000	84.530	82.030	5072.500	84.450	81.950	.000	5072.510	.000	84.450	.000
BT	.000	5077.500	84.450	81.800	5077.510	84.450	81.850	.000	5085.000	.000	84.390	.000
BT	.000	5095.000	84.360	81.860	5105.000	84.350	81.850	.000	5115.000	.000	84.310	.000
BT	.000	5123.500	84.290	81.790	5123.510	84.290	81.750	.000	5127.500	.000	84.290	.000
BT	.000	5127.510	84.290	81.790	5135.000	84.250	81.750	.000	5145.000	.000	84.240	.000
BT	.000	5155.000	84.200	81.700	5170.000	84.160	81.660	.000	5176.500	.000	84.130	.000
BT	.000	5173.510	84.130	81.630	5176.500	84.130	81.630	.000	5176.510	.000	84.130	.000
BT	.000	5180.000	84.100	81.600	5195.000	84.070	81.570	.000	5199.500	.000	84.100	.000
BT	.000	5199.510	84.100	81.600	5200.500	84.100	81.600	.000	5200.510	.000	84.100	.000
BT	.000	5205.000	84.040	81.540	5212.500	84.040	81.530	.000	5212.510	.000	84.040	.000

BT	.000	5215.500	87.590	63.500	5215.510	87.590	81.510	5220.000	87.590	81.500
BT	.000	5225.000	87.630	81.490	5230.000	87.570	81.470	5240.000	87.670	81.430
BT	.000	5245.000	87.670	81.410	5250.000	87.600	81.390	5255.000	87.600	81.380
BT	.000	5260.000	87.600	81.360	5265.000	87.510	81.340	5270.000	87.440	81.320
BT	.000	5277.500	87.390	81.320	5277.510	87.390	69.160	5280.500	83.820	69.160
BT	.000	5280.510	83.820	81.310	5290.000	83.820	81.310	5300.000	83.830	81.330
BT	.000	5310.000	83.840	81.340	5315.500	83.830	81.330	5315.510	83.830	67.460
BT	.000	5318.500	83.830	69.460	5318.510	83.830	81.330	5325.000	83.830	81.330
BT	.000	5329.500	83.820	81.320	5329.510	83.820	69.860	5330.500	83.820	69.860
BT	.000	5330.510	83.820	81.320	5335.000	83.830	81.330	5340.000	83.820	81.320
BT	.000	5350.000	83.800	81.300	5353.500	83.800	81.300	5353.510	83.800	70.760
BT	.000	5356.500	83.800	70.760	5356.510	83.800	81.300	5365.000	83.760	81.260
BT	.000	5370.000	83.730	81.230	5375.000	83.700	81.200	5381.500	83.700	81.200
BT	.000	5481.500	83.060	83.060	5581.500	83.060	83.060	.000	.000	.000

NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	5070.000	5330.000
X1	38303.000	.000	.000	.000	17.000	17.000	17.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5070.000	5330.000
X1	38304.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	68.900	69.360	.000

NH	2.000	.048	5481.500	.085	5581.500	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5070.000	5330.000

LAST X-SECTION FOR # 1, R.R.

X1	38503.000	.000	.000	.000	199.000	199.000	199.000	.000	.320	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	6.000	100.000	4850.000	.150	5000.000	.048	5041.510	.140	5283.000	100.000
NH	5455.000	100.000	5455.010	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4950.000	5190.000

FIRST BRIDGE X-SECTION FOR # J HARRISBURG

X1	39628.000	26.000	5000.000	5041.510	1177.000	1064.500	1125.000	.000	.270	.000
GR	90.000	4610.000	85.000	4700.000	80.910	4800.000	79.780	4850.000	79.140	4900.000
GR	78.780	4950.000	69.790	4999.990	69.780	5000.000	69.780	5001.000	69.780	5001.010
GR	67.790	5005.000	65.890	5010.000	64.890	5015.000	64.690	5020.000	64.590	5025.000
GR	63.790	5030.000	63.890	5035.000	63.890	5040.000	69.890	5041.500	69.890	5041.510
GR	69.890	5133.000	76.710	5183.000	77.120	5233.000	77.620	5283.000	77.620	5455.000
GR	95.000	5455.010	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	6.000	100.000	4850.000	.150	5000.000	.048	5041.510	.140	5283.000	100.000
NH	5455.000	100.000	5455.010	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4950.000	5190.000

X1	42716.000	.000	.000	.000	53.000	53.000	53.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	100.000	4800.000	.120	4999.000	.045	5090.000	.170	5128.000	100.000
NH	5380.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4895.000	5090.000
X1	42717.000	51.000	4999.000	5090.000	1.000	1.000	1.000	.000	.000	.000
GR	100.000	4680.000	88.000	4680.010	83.450	4800.000	83.110	4850.000	83.560	4900.000
GR	84.050	4950.000	84.090	4999.000	84.100	5000.000	84.100	5000.010	81.150	5002.500
GR	80.600	5005.000	78.400	5010.000	76.300	5015.000	73.700	5020.000	72.500	5025.000
GR	72.400	5030.000	70.240	5033.750	70.240	5033.760	70.100	5034.000	69.800	5036.010
GR	69.650	5036.250	69.650	5036.260	69.200	5037.000	68.100	5040.000	67.700	5045.000
GR	68.000	5050.000	68.200	5055.000	67.800	5060.000	69.300	5063.000	70.800	5065.000
GR	72.550	5068.750	72.550	5068.760	72.900	5069.500	72.900	5069.510	72.900	5070.500
GR	72.910	5070.510	73.320	5071.250	73.320	5071.260	75.400	5075.000	78.000	5080.000
GR	80.800	5085.000	81.200	5088.500	82.900	5090.000	84.600	5090.010	84.030	5091.000
GR	83.300	5103.000	83.150	5128.000	85.000	5220.000	90.000	5335.000	95.000	5355.000
GR	100.000	5380.000	.000	.000	.000	.000	.000	.000	.000	.000

NH	5.000	100.000	4800.000	.120	4999.000	.045	5090.000	.170	5128.000	100.000
NH	5380.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4895.000	5090.000

LAST BRIDGE X-SECTION FOR L MIDDLE MALL PARKING

X1	42785.000	.000	.000	.000	68.000	68.000	68.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	83.110	83.150	.000
NH	5.000	100.000	4800.000	.120	5000.000	.045	5070.510	.170	5128.000	100.000
NH	5380.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	10.410	.000	.000

FIRST BRIDGE X-SECTION FOR PIPE U/S OF #L

X1	42846.000	40.000	5000.000	5070.510	61.000	61.000	61.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	72.470	72.960	.000
GR	100.000	4680.000	88.000	4680.010	83.450	4800.000	83.110	4850.000	83.560	4900.000
GR	84.050	4950.000	84.100	4999.000	84.100	5000.000	81.150	5002.500	80.600	5005.000
GR	78.400	5010.000	76.300	5015.000	73.700	5020.000	72.500	5025.000	72.470	5030.000
GR	71.470	5030.010	70.100	5034.000	69.650	5036.250	69.200	5037.000	68.100	5040.000
GR	67.700	5045.000	69.070	5048.850	69.070	5048.860	69.070	5051.350	69.070	5051.360
GR	68.200	5055.000	68.200	5060.000	70.800	5065.000	71.960	5070.500	72.960	5070.510
GR	75.400	5075.000	78.000	5080.000	80.800	5085.000	82.900	5090.000	83.300	5103.000
GR	83.150	5128.000	85.000	5220.000	90.000	5335.000	95.000	5355.000	100.000	5380.000
NH	5.000	100.000	4800.000	.120	4999.000	.045	5070.510	.170	5128.000	100.000
NH	5380.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # PIPE U/S OF #L

NH	5.000	100.000	4750.000	.120	5000.000	.045	5090.000	.170	5175.000	100.000
NH	5298.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4867.000	5090.000
X1	43207.000	47.000	5000.000	5090.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	82.870	83.830	.000
X4	2.000	85.010	4750.000	84.150	5175.000	.000	.000	.000	.000	.000
GR	100.000	4610.000	89.000	4610.010	83.590	4800.000	83.110	4850.000	83.360	4900.000
GR	82.820	4950.000	82.900	4999.000	82.900	5000.000	82.900	5000.010	81.350	5002.500
GR	81.190	5005.000	78.600	5010.000	76.330	5015.000	73.970	5020.000	70.300	5025.000
GR	68.000	5030.000	68.940	5033.750	68.940	5033.760	69.000	5034.000	69.000	5036.010
GR	68.970	5036.250	68.970	5036.260	68.500	5040.000	68.900	5045.000	68.600	5050.000
GR	68.900	5055.000	69.900	5060.000	73.800	5065.000	74.630	5068.750	74.630	5068.760
GR	74.800	5069.500	74.800	5069.510	74.800	5070.500	74.800	5070.510	75.080	5071.250
GR	75.080	5071.260	76.500	5075.000	77.900	5080.000	80.400	5085.000	81.400	5088.500
GR	84.900	5090.000	84.900	5090.010	84.460	5091.000	83.990	5100.000	83.830	5134.000
GR	85.000	5280.000	100.000	5298.000	.000	.000	.000	.000	.000	.000

NH	5.000	100.000	4750.000	.120	5000.000	.045	5090.000	.170	5175.000	100.000
NH	5298.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	10.410	.000	.000

LAST BRIDGE X-SECTION FOR M MALL PARKING

X1	43275.000	.000	.000	.000	68.000	68.000	68.000	.000	.260	.000
X3	10.000	.000	.000	.000	.000	.000	.000	82.870	83.830	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	5900.000	.160	6112.500	.048	6175.500	.170	6190.000	100.000
NH	6530.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5900.000	6176.000

X-SECTION LCM

X1	43800.000	19.000	6112.500	6175.500	702.700	540.200	525.000	.000	.000	.000
X4	1.000	82.000	5900.000	.000	.000	.000	.000	.000	.000	.000
GR	95.000	5000.000	90.000	5050.000	85.000	5140.000	84.000	5350.000	81.400	6112.500
GR	80.000	6120.000	74.100	6126.500	71.000	6132.500	70.400	6137.500	70.500	6142.500
GR	70.300	6152.500	69.900	6161.500	71.000	6165.500	76.450	6169.500	80.000	6170.000
CR	81.000	6175.500	85.000	6190.000	90.000	6500.000	95.000	6530.000	.000	.000
NH	5.000	100.000	4850.000	.160	4999.000	.048	5075.000	.180	5118.000	100.000
NH	5565.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4805.000	5118.000

FIRST BRIDGE X-SECTION FOR PIPE D/S OF MULBERRY

X1	43932.000	23.000	4999.000	5075.000	131.660	131.660	131.660	.000	-1.040	.000
GR	100.000	4030.000	90.000	4270.000	83.000	4680.000	82.590	4800.000	84.230	4850.000
GR	85.660	4900.000	80.000	4950.000	78.500	4999.000	76.170	5000.000	75.500	5000.010
GR	71.400	5020.000	71.900	5030.000	71.400	5040.000	71.900	5046.000	73.440	5074.500
GR	74.110	5074.510	79.000	5075.000	87.230	5118.000	86.470	5140.000	86.100	5330.000
GR	90.000	5410.000	95.000	5490.000	100.000	5565.000	.000	.000	.000	.000

NH	5.000	100.000	4850.000	.160	4999.000	.048	5074.510	.180	5118.500	100.000
NH	5565.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4818.000	5118.000
X1	44301.000	55.000	5000.000	5074.510	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	78.500	79.000	.000
GR	100.000	4030.000	90.000	4270.000	83.000	4680.000	82.590	4800.000	84.230	4850.000
GR	85.660	4900.000	80.000	4950.000	78.500	4999.000	78.500	5000.000	78.500	5000.010
GR	78.300	5002.500	78.300	5002.510	78.000	5005.000	75.200	5010.000	71.400	5015.000
GR	71.400	5018.750	71.400	5018.760	71.400	5019.000	71.400	5019.500	71.400	5019.510
GR	71.400	5020.500	71.400	5021.000	71.400	5021.750	71.400	5021.760	71.900	5025.000
GR	71.900	5030.000	71.900	5030.000	71.700	5035.000	71.400	5040.000	71.800	5045.000
GR	72.300	5050.000	72.200	5053.750	72.200	5053.760	72.200	5054.000	72.200	5054.500
GR	72.200	5054.510	72.200	5055.500	72.200	5055.510	72.200	5056.000	72.200	5056.250
GR	72.200	5056.260	73.600	5060.000	77.800	5065.000	78.800	5069.990	78.800	5070.000
GR	79.000	5072.000	79.000	5074.500	79.000	5074.510	79.000	5075.500	87.230	5118.500
GR	86.470	5140.000	86.100	5330.000	90.000	5410.000	95.000	5490.000	100.000	5565.000

NH	5.000	100.000	4850.000	.160	4999.000	.048	5074.510	.180	5118.500	100.000
NH	5565.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4818.000	5118.000

LAST BRIDGE X-SECTION FOR N MULBERRY

X1	44356.000	.000	.000	.000	55.000	55.000	55.000	.000	.070	.000
NC	.100	.100	.050	.100	.300	.030	.000	.000	.000	.000
NH	3.000	.250	5000.000	.048	5148.020	.200	5486.020	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4870.000	5170.000

FIRST BRIDGE X-SECTION FOR N-1 321-A

X1	45040.000	65.000	5000.000	5148.020	704.100	691.600	684.000	.000	-.420	.000
GR	100.000	4332.500	95.000	4402.500	90.280	4537.490	90.000	4545.500	85.000	4590.500
GR	83.460	4662.490	80.000	4823.500	73.280	4999.990	73.280	5000.000	74.680	5000.010
GR	74.680	5003.500	72.500	5003.510	73.180	5005.000	73.080	5010.000	73.380	5015.000
GR	72.880	5020.000	73.680	5025.000	78.380	5030.000	78.000	5034.890	77.780	5034.900
GR	78.180	5035.000	77.780	5036.500	77.780	5038.100	77.780	5038.110	79.180	5040.000
GR	79.580	5045.000	80.180	5050.000	81.680	5055.000	81.280	5060.000	80.980	5065.000
GR	80.080	5070.000	78.580	5072.400	78.580	5072.410	78.580	5074.000	78.580	5075.600
GR	78.580	5075.610	79.480	5080.000	77.180	5085.000	75.180	5090.000	73.680	5092.000
GR	73.380	5095.000	73.180	5100.000	73.280	5105.000	72.680	5110.000	72.910	5111.400
GR	72.910	5111.410	73.180	5113.000	73.340	5114.600	73.340	5114.610	73.380	5115.000
GR	73.880	5120.000	73.980	5125.000	74.180	5130.000	75.780	5135.000	78.380	5146.000
GR	79.680	5145.000	79.620	5148.000	79.780	5148.010	79.780	5148.020	85.000	5293.500
GR	87.730	5378.020	90.000	5448.500	95.000	5460.500	100.000	5474.500	100.000	5486.020
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	3.000	.250	5000.000	.048	5148.020	.200	5486.020	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4870.000	5170.000

BRIDGE # N-1 321-A
 PRESSURE ELEV = 86.51 WEIR ELEV = 89.93

X1	45497.000	.000	.000	.000	457.000	457.000	457.000	.000	.420	.000
X3	10.000	.000	.000	.000	.000	.000	.000	89.990	89.930	.000
NH	3.000	.250	5000.000	.048	5148.020	.200	5486.020	.000	.000	.000
SB	1.250	1.560	2.600	.000	68.140	9.000	1388.000	2.850	72.500	72.500
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4870.000	5170.000
X1	45522.000	.000	.000	.000	25.000	25.000	25.000	.000	.000	.000
X2	.000	.000	1.220	86.510	72.500	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	89.900	89.930	.000
BT	-64.000	4332.500	105.000	100.000	4402.500	103.290	95.000	4537.490	100.000	90.280
BT	.000	4545.500	99.680	90.000	4590.500	97.880	85.000	4662.490	95.000	83.460
BT	.000	4823.500	92.610	80.000	4999.990	89.950	73.280	5000.000	89.990	86.230
BT	.000	5000.010	93.230	86.230	5003.500	93.280	86.280	5005.000	93.300	86.300
BT	.000	5010.000	93.340	86.340	5015.000	93.340	86.340	5020.000	93.340	86.340
BT	.000	5025.000	93.400	86.340	5030.000	93.430	86.430	5034.890	93.450	86.450
BT	.000	5034.900	93.450	77.780	5035.000	93.450	77.780	5036.500	93.450	77.780
BT	.000	5038.100	93.450	77.780	5038.110	93.450	86.460	5040.000	93.460	86.460
BT	.000	5045.000	93.460	86.460	5050.000	93.480	86.480	5055.000	93.490	86.490
BT	.000	5060.000	93.460	86.500	5065.000	93.500	86.500	5070.000	93.510	86.510
BT	.000	5072.400	93.500	86.510	5072.410	93.500	78.580	5074.000	93.500	78.580
BT	.000	5075.600	93.500	78.580	5075.610	93.500	86.510	5080.000	93.500	86.500
BT	.000	5085.000	93.500	86.500	5090.000	93.500	86.500	5092.000	93.500	86.490
BT	.000	5095.000	93.490	86.490	5100.000	93.450	86.480	5105.000	93.460	86.460
BT	.000	5110.000	93.460	86.460	5111.400	93.460	86.460	5111.410	93.460	73.180
BT	.000	5113.000	93.460	73.180	5114.600	93.450	73.340	5114.610	93.450	86.450
BT	.000	5115.000	93.450	86.450	5120.000	93.420	86.400	5125.000	93.400	86.400
BT	.000	5130.000	93.360	86.360	5135.000	93.340	86.340	5140.000	93.320	86.320
BT	.000	5145.000	93.280	86.300	5148.000	89.930	86.280	5148.010	89.930	86.280
BT	.000	5148.020	89.930	79.780	5293.500	93.140	85.000	5378.020	95.000	87.730
BT	.000	5448.500	98.260	90.000	5460.500	98.820	95.000	5474.500	100.000	100.000
BT	.000	5486.020	100.000	100.000	.000	.000	.000	.000	.000	.000
NH	4.000	100.000	4823.500	.130	5000.000	.046	5148.020	100.000	5486.020	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4870.000	5170.000

LAST BRIDGE X-SECTION FOR N-1 321-A

X1	45636.000	.000	.000	.000	113.600	113.600	113.600	.000	.270	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
QT	7.000	2130.000	4070.000	5040.000	8000.000	5040.000	3080.000	5040.000	.000	.000
NH	5.000	100.000	5265.000	.130	5508.000	.046	5578.000	.130	5685.000	100.000
NH	6125.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	30.410	.000	.000

X-SECTION LCN

X1	45770.000	25.000	5508.000	5578.000	48.900	63.900	134.000	.000	.000	.000
GR	100.000	5000.000	95.000	5030.000	90.000	5080.000	85.000	5145.000	82.000	5265.000
GR	82.230	5438.000	82.510	5488.000	83.510	5508.000	80.190	5515.000	73.910	5523.000
GR	73.350	5528.000	73.270	5533.000	73.050	5538.000	73.910	5542.000	78.190	5545.000
GR	82.590	5558.000	83.390	5578.000	82.470	5598.000	83.000	5685.000	84.000	5775.000
GR	85.000	5810.000	85.000	5850.000	90.000	6095.000	95.000	6110.000	100.000	6125.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.046	5048.010	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

FIRST BRIDGE X-SECTION FOR O GOLF COURSE

X1	45874.000	31.000	5000.000	5048.010	133.750	123.750	104.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	80.500	82.500	.000
GR	100.000	3797.000	96.000	3907.000	83.000	4532.000	80.300	4800.000	80.700	4850.000
GR	81.600	4900.000	82.000	4950.000	83.420	4999.000	82.600	5000.000	82.600	5000.010
GR	80.500	5005.000	76.400	5010.000	74.300	5014.000	73.800	5015.000	73.800	5029.000
GR	73.200	5025.000	74.000	5029.000	77.700	5030.000	80.700	5035.000	82.400	5040.000
GR	83.500	5045.000	84.100	5048.000	84.100	5048.010	84.900	5050.000	82.500	5090.000
GR	83.200	5150.000	83.400	5200.000	83.300	5250.000	88.000	5432.000	100.000	5562.000
GR	100.000	5672.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.046	5048.010	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # O GOLF COURSE

PRESSURE ELEV = 84.29 WEIR ELEV = 80.63

X1	45875.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-31.000	3797.000	100.000	100.000	3907.000	96.000	96.000	4532.000	83.000	83.000
BT	.000	4800.000	80.300	80.300	4850.000	80.700	80.700	4900.000	81.600	81.600
BT	.000	4950.000	82.000	82.000	4999.000	83.420	83.420	5000.000	83.420	82.600
BT	.000	5000.010	83.420	82.870	5005.000	83.480	82.900	5010.000	83.550	82.930
BT	.000	5014.000	83.600	83.000	5015.000	83.680	83.130	5020.000	83.860	83.310
BT	.000	5025.000	84.000	83.450	5029.000	84.100	83.550	5030.000	84.130	83.580
BT	.000	5035.000	84.360	83.810	5040.000	84.510	83.960	5045.000	84.740	84.190
BT	.000	5048.000	84.840	84.290	5048.010	84.840	84.100	5050.000	84.900	84.900
BT	.000	5090.000	82.500	82.500	5150.000	83.200	83.200	5200.000	83.400	83.400
BT	.000	5250.000	83.300	83.300	5432.000	88.000	88.000	5562.000	100.000	100.000
BT	.000	5672.000	100.000	100.000	.000	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.046	5048.010	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	45885.000	.000	.000	.000	10.500	10.500	10.500	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

NH	5.000	100.000	4800.000	.130	5000.000	.046	5048.010	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR O GOLF COURSE

X1	45886.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	80.300	82.500	.000

NH	5.000	100.000	4800.000	.130	5000.000	.046	5040.000	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

FIRST BRIDGE X-SECTION FOR PIPE U/S OF #0

X1	45919.000	29.000	5000.000	5040.000	33.000	33.000	33.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	77.830	77.690	.000
GR	100.000	3797.000	96.000	3907.000	83.000	4532.000	80.300	4800.000	80.700	4850.000
GR	81.600	4900.000	82.000	4950.000	82.600	5000.000	80.500	5005.000	80.500	5010.000
GR	77.160	5010.010	74.300	5014.000	73.800	5015.000	73.900	5020.000	73.200	5025.000
GR	74.000	5029.000	77.020	5034.100	77.690	5034.110	80.700	5035.000	82.400	5040.000
GR	83.500	5045.000	84.900	5050.000	82.500	5090.000	83.200	5150.000	83.400	5200.000
GR	83.300	5250.000	88.000	5432.000	100.000	5562.000	100.000	5672.000	.000	.000

NH	5.000	100.000	4800.000	.130	5000.000	.046	5040.000	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # PIPE U/S OF #0
PRESSURE ELEV = 77.16 WEIR ELEV = 77.69

X1	45920.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-24.000	3797.000	100.000	100.000	3907.000	96.000	96.000	4532.000	83.000	83.000
BT	.000	4800.000	80.300	80.300	4850.000	80.700	80.700	4900.000	81.600	81.600
BT	.000	4950.000	82.000	82.000	5000.000	82.600	82.600	5005.000	80.500	80.500
BT	.000	5010.000	77.830	77.830	5010.010	77.830	77.160	5034.100	77.690	77.020
BT	.000	5034.110	77.690	77.690	5035.000	80.700	80.700	5040.000	82.400	82.400
BT	.000	5045.000	84.900	83.500	5050.000	84.900	84.900	5090.000	82.500	82.500
BT	.000	5150.000	83.200	83.200	5200.000	83.400	83.400	5250.000	83.300	83.300
BT	.000	5432.000	88.000	88.000	5562.000	100.000	100.000	5672.000	100.000	100.000

NH	5.000	100.000	4800.000	.130	5000.000	.046	5040.000	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	45921.000	.000	.000	.000	.670	.670	.670	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

NH	5.000	100.000	4800.000	.130	5000.000	.046	5040.000	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	45922.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	77.830	77.690	.000

NH	5.000	100.000	4800.000	.130	5000.000	.046	5040.000	.130	5200.000	100.000
NH	5672.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR PIPE U/S OF #0

X1	45944.000	.000	.000	.000	23.000	23.000	23.000	.000	.040	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	4755.000	.130	5000.000	.046	5039.010	.130	5211.000	100.000
NH	6130.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

FIRST BRIDGE X-SECTION FOR #P GOLF

X1	46220.000	42.000	5000.000	5039.010	365.580	300.580	276.000	.000	-.290	.000
GR	95.000	4700.000	85.000	4755.000	82.730	4800.000	84.030	4850.000	86.030	4873.000
GR	87.130	4900.000	87.930	4916.000	85.330	4950.000	83.830	4966.000	83.630	4979.000
GR	84.540	4998.500	84.320	4999.950	84.920	5000.000	82.890	5005.000	82.840	5008.000
GR	74.330	5010.000	74.030	5015.000	74.430	5020.000	74.830	5025.000	75.730	5027.000
GR	75.930	5030.000	75.930	5032.500	78.730	5035.000	80.830	5038.000	80.830	5038.010
GR	80.830	5039.000	80.830	5039.010	81.920	5040.000	82.410	5042.000	83.860	5043.000
GR	84.730	5074.000	84.730	5090.000	84.730	5125.000	83.030	5140.000	83.230	5172.000
GR	82.330	5190.000	80.930	5211.000	82.630	5240.000	87.000	5375.000	86.000	5650.000
GR	95.000	5950.000	100.000	6130.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	100.000	4755.000	.130	5000.000	.046	5039.010	.130	5211.000	100.000
NH	6130.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	46375.000	.000	.000	.000	155.000	155.000	155.000	.000	.290	.000
X3	10.000	.000	.000	.000	.000	.000	.000	82.730	80.930	.000
NH	5.000	100.000	4755.000	.130	5000.000	.046	5039.010	.130	5211.000	100.000
NH	6130.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # P GOLF
 PRESSURE ELEV = 82.89 WEIR ELEV = 82.73

X1	46376.000	.000	.000	.000	1.740	1.000	1.000	.000	.000	.000
BT	-42.000	4700.000	95.000	95.000	4755.000	85.000	85.000	4800.000	82.730	82.730
BT	.000	4850.000	84.030	84.030	4873.000	86.030	86.030	4900.000	87.130	87.130
BT	.000	4916.000	87.930	87.930	4950.000	85.330	85.330	4966.000	83.830	83.830
BT	.000	4979.000	83.630	83.630	4998.500	84.540	84.540	4999.950	84.320	84.320
BT	.000	5000.000	84.920	84.920	5005.000	85.770	82.890	5008.000	85.730	82.840
BT	.000	5010.000	85.710	82.810	5015.000	85.600	82.740	5020.000	85.520	82.670
BT	.000	5025.000	85.440	82.610	5027.000	85.400	82.580	5030.000	85.330	82.540
BT	.000	5032.500	85.330	82.500	5035.000	85.330	82.470	5038.000	84.930	82.430
BT	.000	5038.010	84.930	80.830	5039.000	84.800	80.830	5039.010	84.800	82.420
BT	.000	5040.000	84.670	82.410	5042.000	84.270	82.410	5043.000	83.860	83.860
BT	.000	5074.000	84.730	84.730	5090.000	84.730	84.730	5125.000	84.730	84.730
BT	.000	5140.000	83.030	83.030	5172.000	83.230	83.230	5190.000	82.330	82.330
BT	.000	5211.000	80.930	80.930	5240.000	82.630	82.630	5375.000	87.000	87.000
BT	.000	5650.000	86.000	86.000	5950.000	95.000	95.000	6130.000	100.000	100.000

NH	5.000	100.000	4755.000	.130	5000.000	.046	5039.010	.130	5211.000	100.000
NH	6130.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	46383.000	.000	.000	.000	7.000	7.000	7.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	100.000	4755.000	.130	5000.000	.046	5039.010	.130	5211.000	100.000
NH	6130.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	46384.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	82.730	80.930	.000
NH	5.000	100.000	4755.000	.130	5000.000	.046	5039.010	.130	5211.000	100.000
NH	6130.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR P GOLF

X1	46422.000	.000	.000	.000	38.000	38.000	38.000	.000	.100	.000
NH	4.000	.130	5000.000	.046	5068.510	.130	5218.500	100.000	5762.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5200.000

FIRST BRIDGE X-SECTION FOR 321.

BRIDGE # 321.

PRESSURE ELEV = 86.8 WEIR ELEV = 92.77

X1	46636.000	45.000	5000.000	5068.510	181.500	419.000	214.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	94.110	92.770	.000
GR	100.000	4950.000	94.220	4956.000	90.000	4970.000	77.600	4999.990	77.600	5000.000
GR	77.200	5005.000	76.800	5010.000	75.700	5015.000	75.200	5016.550	75.200	5016.560
GR	75.200	5017.450	75.200	5017.460	74.900	5018.000	75.400	5020.000	75.700	5025.000
GR	76.000	5029.000	76.900	5030.000	76.600	5031.000	76.180	5033.100	76.180	5033.110
GR	75.820	5034.900	75.820	5034.910	74.800	5040.000	75.400	5045.000	76.000	5048.000
GR	76.900	5050.000	77.090	5050.550	77.090	5050.560	77.410	5051.450	77.410	5051.460
GR	77.600	5052.000	78.200	5055.000	78.520	5060.000	78.800	5065.000	79.120	5068.500
GR	79.120	5068.510	80.760	5118.000	82.420	5168.500	84.080	5218.500	85.000	5246.500
GR	85.450	5268.500	90.000	5488.500	90.000	5592.500	91.410	5692.500	100.000	5762.000
NH	4.000	.130	5000.000	.046	5068.510	.130	5218.500	100.000	5762.000	.000
SB	1.250	1.910	2.600	.000	46.830	3.000	656.000	.903	74.800	74.800
ET	.000	.000	.000	.000	.000	.000	.000	9.110	5000.000	5200.000
X1	46763.000	.000	.000	.000	127.000	127.000	127.000	.000	.000	.000
X2	.000	.000	1.000	86.800	92.770	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	94.110	92.770	.000
BT	-41.000	4950.000	100.000	100.000	4956.000	94.220	94.220	4970.000	94.200	90.000
BT	.000	4999.990	94.110	77.600	5000.000	95.940	86.830	5005.000	95.910	86.810
BT	.000	5010.000	95.870	86.800	5015.000	95.820	86.790	5016.550	95.800	86.780
BT	.000	5016.560	95.800	75.200	5017.450	95.790	75.200	5017.460	95.790	86.780
BT	.000	5018.000	95.780	86.780	5020.000	95.760	86.770	5025.000	95.700	86.750
BT	.000	5029.000	95.670	86.750	5030.000	95.660	86.750	5031.000	95.660	86.750
BT	.000	5033.100	95.650	86.740	5033.110	95.650	76.180	5034.900	95.640	75.820
BT	.000	5034.910	95.640	86.730	5040.000	95.620	86.710	5045.000	95.590	86.690
BT	.000	5048.000	95.540	86.680	5050.000	95.500	86.680	5052.000	95.520	86.660

BT	.000	5055.000	95.560	86.630	5060.000	95.550	86.590	5065.000	95.520	86.560
BT	.000	5068.500	95.500	86.560	5068.510	93.670	79.120	5118.000	93.340	80.760
BT	.000	5168.500	93.040	82.420	5218.500	92.930	84.080	5246.500	92.840	85.000
BT	.000	5268.500	92.770	85.450	5488.500	94.500	90.000	5592.500	95.000	90.000
BT	.000	5692.500	97.000	91.410	5762.000	100.000	100.000	.000	.000	.000
NH	5.000	100.000	4970.000	.130	5000.000	.046	5068.510	.130	5218.500	100.000
NH	5762.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5200.000

LAST BRIDGE X-SECTION FOR 321.

X1	46831.000	.000	.000	.000	67.500	67.500	67.500	.000	.190	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	120.000	4850.000	.130	5000.000	.046	5044.010	.130	5275.000	100.000
NH	5912.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	10.410	.000	.000

FIRST BRIDGE X-SECTION FOR R WOOD FOOT BR

X1	47250.000	35.000	5000.000	5044.010	414.500	404.500	419.500	.000	-.260	.000
X4	2.000	91.280	4850.000	84.550	5275.000	.000	.000	.000	.000	.000
GR	125.000	4720.000	100.000	4800.000	87.150	4876.000	85.150	4900.000	85.450	4913.000
GR	84.950	4924.000	89.950	4958.000	85.850	4986.000	86.680	4999.000	86.250	5000.000
GR	84.690	5002.000	85.850	5004.000	84.690	5005.000	81.450	5010.000	78.950	5015.000
GR	76.950	5016.000	75.850	5020.000	75.950	5025.000	76.150	5030.000	76.850	5032.000
GR	81.550	5035.000	84.750	5040.000	84.920	5044.000	87.030	5044.010	86.950	5052.000
GR	85.750	5061.000	85.050	5078.000	84.750	5094.000	84.650	5144.000	84.450	5194.000
GR	84.550	5244.000	90.000	5880.000	95.000	5885.000	100.000	5900.000	110.000	5912.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5044.010	.130	5275.000	100.000
NH	5912.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	47425.000	.000	.000	.000	175.000	175.000	175.000	.000	.260	.000
X3	10.000	.000	.000	.000	.000	.000	.000	84.950	84.450	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5044.010	.130	5275.000	100.000
NH	5912.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # R WOOD BR

PRESSURE ELEV = 84.78 WEIR ELEV = 84.55

X1	47426.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-35.000	4720.000	125.000	125.000	4800.000	100.000	100.000	4876.000	87.150	87.150
BT	.000	4900.000	85.150	85.150	4913.000	85.450	85.450	4924.000	84.950	84.950
BT	.000	4958.000	89.950	89.950	4986.000	85.850	85.850	4999.000	86.680	86.680
BT	.000	5000.000	86.680	86.250	5002.000	86.910	84.690	5004.000	87.440	84.690
BT	.000	5005.000	87.710	84.690	5010.000	87.620	84.420	5015.000	87.510	84.480
BT	.000	5016.000	87.500	84.490	5020.000	87.460	84.530	5025.000	87.530	84.590
BT	.000	5030.000	87.660	84.640	5032.000	87.740	84.690	5035.000	87.870	84.780
BT	.000	5040.000	87.940	84.920	5044.000	87.030	84.920	5044.010	87.030	87.030
BT	.000	5052.000	86.950	86.950	5061.000	85.750	85.750	5078.000	85.050	85.050
BT	.000	5094.000	84.750	84.750	5144.000	84.650	84.650	5194.000	84.450	84.450

BRIDGE # S WOOD BR
 PRESSURE ELEV = 86.8 WEIR ELEV = 84.

X1	47730.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	43.000	4025.000	110.000	110.000	4042.000	105.000	105.000	4060.000	100.000	100.000
BT	.000	4400.000	93.000	93.000	4800.000	87.300	87.300	4850.000	86.400	86.400
BT	.000	4900.000	85.700	85.700	4914.000	85.500	85.500	4950.000	86.000	86.000
BT	.000	4972.000	85.900	85.900	4995.000	86.500	86.500	4999.000	86.930	86.930
BT	.000	5000.000	87.460	87.460	5005.000	87.460	86.460	5008.000	87.500	85.870
BT	.000	5010.000	87.740	85.470	5015.000	88.190	84.470	5019.000	88.160	84.470
BT	.000	5020.000	88.150	84.470	5025.000	88.140	84.480	5027.500	88.150	84.480
BT	.000	5030.000	88.150	84.480	5035.000	88.250	84.490	5038.000	88.300	84.490
BT	.000	5040.000	88.330	84.490	5045.000	88.220	85.540	5047.500	87.780	86.060
BT	.000	5050.000	87.340	86.590	5054.500	87.530	86.800	5054.510	87.530	87.530
BT	.000	5055.000	87.000	87.000	5060.500	86.700	86.700	5082.500	86.000	86.000
BT	.000	5104.500	85.800	85.800	5154.500	85.100	85.100	5204.500	84.900	84.900
BT	.000	5254.500	84.700	84.700	5505.000	84.000	84.000	5882.000	90.000	90.000
BT	.000	5895.000	95.000	95.000	5910.000	100.000	100.000	5920.000	105.000	105.000
BT	.000	5927.000	110.000	110.000	.000	.000	.000	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.046	5054.510	.130	5350.000	100.000
NH	5927.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	47740.000	.000	.000	.000	10.000	10.000	10.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.046	5054.510	.130	5350.000	100.000
NH	5927.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	47741.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	85.500	84.000	.000
NH	5.000	100.000	4800.000	.130	5000.000	.046	5054.510	.130	5350.000	100.000
NH	5927.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR S WOOD BR

X1	47794.000	.000	.000	.000	53.500	53.500	53.500	.000	.170	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5047.000	.130	5450.000	100.000
NH	6118.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

FIRST BRIDGE X-SECTION FOR T WOOD BR

X1	47980.000	35.000	5000.000	5047.000	193.000	55.500	186.000	.000	.520	.000
X4	1.000	85.480	5450.000	.000	.000	.000	.000	.000	.000	.000
GR	110.000	4720.000	105.000	4735.000	100.000	4750.000	95.000	4765.000	89.600	4800.000
GR	87.100	4850.000	87.000	4900.000	86.800	4950.000	86.800	4961.000	88.700	4999.000
GR	88.520	4999.500	88.820	5000.000	86.570	5002.500	86.570	5005.000	78.200	5010.000
GR	77.500	5015.000	77.800	5020.000	77.600	5025.000	79.000	5030.000	84.600	5035.000
GR	86.430	5040.000	87.800	5045.000	88.260	5046.000	88.390	5047.000	86.800	5066.000
GR	86.100	5096.000	86.000	5146.000	86.000	5196.000	86.000	5246.000	86.000	5900.000
GR	90.000	6068.000	95.000	6085.000	100.000	6092.000	105.000	6105.000	110.000	6118.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5047.000	.130	5450.000	100.000
NH	6118.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	48159.000	.000	.000	.000	179.000	179.000	179.000	.000	.520	.000
X3	10.000	.000	.000	.000	.000	.000	.000	86.800	86.000	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5047.000	.130	5450.000	100.000
NH	6118.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

BRIDGE # T WOOD BR
 PRESSURE ELEV = 88.26 WEIR ELEV = 86.

X1	48160.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-35.000	4720.000	110.000	110.000	4735.000	105.000	105.000	4750.000	100.000	100.000
BT	.000	4765.000	95.000	95.000	4800.000	89.600	89.600	4850.000	87.100	87.100
BT	.000	4900.000	87.000	87.000	4950.000	86.800	86.800	4961.000	86.800	86.800
BT	.000	4999.000	83.700	83.700	4999.500	88.520	88.520	5000.000	88.820	88.820
BT	.000	5002.500	90.510	86.570	5005.000	90.470	86.570	5010.000	90.400	86.570
BT	.000	5015.000	90.360	86.540	5020.000	90.330	86.500	5025.000	90.260	86.470
BT	.000	5030.000	90.210	86.460	5035.000	90.130	86.440	5040.000	90.090	86.430
BT	.000	5045.000	89.170	86.430	5046.000	88.260	88.260	5047.000	88.390	88.390
BT	.000	5066.000	86.800	86.800	5096.000	86.100	86.100	5146.000	86.000	86.000
BT	.000	5196.000	86.000	86.000	5246.000	86.000	86.000	5900.000	86.000	86.000
BT	.000	6068.000	90.000	90.000	6085.000	95.000	95.000	6092.000	100.000	100.000
BT	.000	6105.000	105.000	105.000	6118.000	110.000	110.000	.000	.000	.000

NH	5.000	100.000	4850.000	.130	5000.000	.046	5047.000	.130	5450.000	100.000
NH	6118.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	48170.000	.000	.000	.000	10.000	10.000	10.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

NH	5.000	100.000	4850.000	.130	5000.000	.046	5047.000	.130	5450.000	100.000
NH	6118.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	48171.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	86.800	86.000	.000

NH	5.000	100.000	4850.000	.130	5000.000	.046	5047.000	.130	5450.000	100.000
NH	6118.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR T WOOD BR

X1	48215.000	.000	.000	.000	44.000	44.000	44.000	.000	.090	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.130	5420.000	100.000
NH	6280.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4950.000	5390.000

FIRST BRIDGE X-SECTION FOR U WOOD BR

X1	48500.000	28.000	5000.000	5046.000	395.000	145.000	285.000	.000	.320	.000
X4	1.000	89.150	5420.000	.000	.000	.000	.000	.000	.000	.000
GR	110.000	4620.000	105.000	4635.000	100.000	4645.000	87.600	4800.000	87.800	4850.000
GR	87.500	4950.000	87.970	4999.000	87.860	5000.000	86.000	5001.500	85.600	5005.000
GR	84.500	5010.000	79.400	5011.000	78.400	5015.000	78.500	5020.000	78.600	5025.000
GR	79.400	5031.000	82.100	5035.000	86.600	5040.000	88.400	5045.000	88.500	5046.000
GR	88.400	5063.000	87.600	5096.000	87.200	5146.000	87.300	5196.000	87.300	5246.000
GR	100.000	6260.000	105.000	6275.000	110.000	6280.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.130	5420.000	100.000
NH	6280.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4950.000	5390.000
X1	48679.000	.000	.000	.000	179.000	179.000	179.000	.000	.320	.000
X3	10.000	.000	.000	.000	.000	.000	.000	87.500	87.200	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.130	5420.000	100.000
NH	6280.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4950.000	5390.000

BRIDGE # U WOOD BR

PRESSURE ELEV = 88.4 WEIR ELEV = 87.2

X1	48680.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-28.000	4620.000	110.000	110.000	4635.000	105.000	105.000	4645.000	100.000	100.000
BT	.000	4800.000	87.600	87.600	4850.000	87.800	87.800	4950.000	87.500	87.500
BT	.000	4999.000	87.970	87.970	5000.000	88.160	87.860	5001.500	88.470	86.000
BT	.000	5005.000	89.000	86.800	5010.000	89.420	86.160	5011.000	89.420	86.160
BT	.000	5015.000	89.400	86.180	5020.000	89.450	86.260	5025.000	89.500	86.350
BT	.000	5031.000	89.600	86.450	5035.000	89.730	86.520	5040.000	89.600	86.600
BT	.000	5045.000	89.000	88.400	5046.000	88.500	88.500	5063.000	88.400	88.400
BT	.000	5096.000	87.600	87.600	5146.000	87.200	87.200	5196.000	87.300	87.300
BT	.000	5246.000	87.300	87.300	6260.000	100.000	100.000	6275.000	105.000	105.000
BT	.000	6280.000	110.000	110.000	.000	.000	.000	.000	.000	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.130	5420.000	100.000
NH	6280.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4950.000	5390.000
X1	48690.000	.000	.000	.000	10.000	10.000	10.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.130	5420.000	100.000
NH	6280.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4950.000	5390.000
X1	48691.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	87.500	87.200	.000

NH	5.000	100.000	4850.000	.130	5000.000	.046	5046.000	.130	5420.000	190.000
NH	6280.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4950.000	5390.000

LAST BRIDGE X-SECTION FOR U WOOD BR

X1	48735.000	.000	.000	.000	44.000	44.000	44.000	.000	.230	.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5044.510	.130	5320.000	100.000
NH	6300.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4950.000	5370.000

FIRST BRIDGE X-SECTION FOR V WOOD BR

X1	48789.000	40.000	5000.000	5044.510	19.010	34.000	54.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	88.900	86.000	.000
X4	1.000	88.560	5320.000	.000	.000	.000	.000	.000	.000	.000
GR	115.000	4545.000	110.000	4595.000	105.000	4640.000	100.000	4675.000	95.000	4720.000
GR	92.300	4800.000	90.100	4822.000	89.500	4850.000	88.900	4900.000	89.200	4950.000
GR	89.300	4977.000	90.330	4999.000	88.960	5000.000	87.600	5001.500	83.200	5005.000
GR	79.900	5010.000	79.400	5015.000	79.400	5020.000	78.900	5025.000	79.400	5028.500
GR	81.500	5030.000	84.900	5035.000	87.700	5040.000	89.160	5043.000	89.180	5044.500
GR	96.740	5044.510	91.410	5045.000	89.500	5092.500	89.400	5144.500	89.300	5194.500
GR	89.200	5244.500	87.000	5505.000	86.000	5795.000	87.000	6072.000	90.000	6180.000
GR	95.000	6240.000	100.000	6270.000	105.000	6282.000	110.000	6290.000	115.000	6300.000
NH	5.000	100.000	4850.000	.130	5000.000	.046	5044.510	.130	5320.000	100.000
NH	6300.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4950.000	5370.000

BRIDGE # V WOOD BR

PRESSURE ELEV = 89.3 WEIR ELEV = 88.9

X1	48790.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-40.000	4545.000	115.000	115.000	4595.000	110.000	110.000	4640.000	105.000	105.000
BT	.000	4675.000	100.000	100.000	4730.000	95.000	95.000	4800.000	92.300	92.300
BT	.000	4822.000	90.100	90.100	4850.000	89.500	89.500	4900.000	88.900	88.900
BT	.000	4950.000	89.200	89.200	4977.000	89.300	89.300	4999.000	90.330	90.330
BT	.000	5000.000	89.500	88.960	5001.500	90.850	88.960	5005.000	91.380	88.960
BT	.000	5010.000	91.640	88.950	5015.000	91.610	88.950	5020.000	91.580	88.950
BT	.000	5025.000	91.580	88.940	5028.500	91.620	88.980	5030.000	91.640	89.000
BT	.000	5035.000	91.720	89.060	5040.000	91.440	89.120	5043.000	90.970	89.160
BT	.000	5044.500	90.740	89.180	5044.510	90.740	90.740	5045.000	91.410	91.410
BT	.000	5092.500	89.500	89.500	5144.500	89.400	89.400	5194.500	89.300	89.300
BT	.000	5244.500	89.200	89.200	5505.000	87.000	87.000	5795.000	86.000	86.000
BT	.000	6072.000	87.000	87.000	6180.000	90.000	90.000	6240.000	95.000	95.000
BT	.000	6270.000	100.000	100.000	6282.000	105.000	105.000	6290.000	110.000	110.000
BT	.000	6300.000	115.000	115.000	.000	.000	.000	.000	.000	.000

BRIDGE # W WOOD BR
 PRESSURE ELEV = 91.74 WEIR ELEV = 88.6

X1	49151.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	1.000
BT	-39.000	4615.000	115.000	115.000	4665.000	105.000	105.000	4698.500	100.000	110.000
BT	.000	4726.500	95.000	95.000	4785.500	90.000	90.000	4950.000	92.900	92.900
BT	.000	4986.000	91.400	91.400	4999.000	92.310	92.310	5000.000	92.800	92.100
BT	.000	5003.000	92.980	91.740	5005.000	93.100	90.020	5010.000	92.960	91.020
BT	.000	5015.000	92.700	89.790	5018.000	92.520	89.660	5020.000	92.400	89.560
BT	.000	5025.000	92.240	89.330	5028.000	92.200	89.200	5030.000	92.180	89.110
BT	.000	5035.000	92.260	89.320	5038.000	92.360	89.440	5040.000	92.430	89.520
BT	.000	5045.000	92.550	89.730	5050.000	92.430	89.900	5052.000	92.290	90.000
BT	.000	5055.000	92.080	91.300	5056.000	91.610	91.610	5062.000	90.600	89.600
BT	.000	5088.000	88.600	88.600	5105.000	89.000	89.000	5155.000	90.100	90.100
BT	.000	5205.000	89.800	89.800	5225.000	88.700	88.700	5255.000	89.500	89.500
BT	.000	6175.000	90.000	90.000	6235.000	95.000	95.000	6270.000	100.000	100.000
BT	.000	6280.000	105.000	105.000	6292.000	110.000	110.000	6305.000	115.000	115.000

NH	5.000	100.000	4850.000	.130	5000.000	.046	5056.000	.130	5425.000	100.000
NH	6305.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	5000.000	5320.000
X1	49158.000	.000	.000	.000	7.000	7.000	7.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

NH	5.000	100.000	4850.000	.130	5000.000	.046	5056.000	.130	5425.000	100.000
NH	6305.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	10.410	.000	.000
X1	49159.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	90.000	88.600	.000

NH	5.000	100.000	4850.000	.130	5000.000	.046	5056.000	.130	5425.000	100.000
NH	6305.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST BRIDGE X-SECTION FOR W WOOD BR

X1	49213.000	.000	.000	.000	54.000	54.000	54.000	.000	.100	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	4950.000	.130	5000.000	.046	5041.000	.130	5300.000	100.000
NH	5996.500	.000	.000	.000	.000	.000	.000	.000	.000	.000

FIRST BRIDGE X-SECTION FOR X WOOD BR

X1	49336.000	23.000	5000.000	5041.000	123.250	123.250	123.250	.000	-.280	.000
X4	1.000	89.610	5300.000	.000	.000	.000	.000	.000	.000	.000
GR	109.830	4900.000	104.220	4925.000	100.340	4950.000	95.830	4975.000	93.070	4999.000
GR	92.800	5000.000	91.700	5005.000	91.000	5008.000	86.100	5010.000	82.100	5015.000
GR	81.600	5017.000	80.400	5020.000	81.000	5025.000	83.300	5030.000	87.800	5035.000
GR	90.250	5040.000	91.790	5041.000	90.200	5090.000	90.000	5140.000	89.400	5190.000
GR	89.300	5240.000	95.000	5816.500	100.000	5996.500	.000	.000	.000	.000

NH	5.000	100.000	4822.000	.150	5005.000	.046	5043.000	.130	5073.000	100.000
NH	5935.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4955.000	5255.000

FIRST BRIDGE X-SECTION FOR PIPE D/S OF HIBRITEN

X1	50611.000	25.000	5005.000	5043.000	911.500	831.500	891.500	.000	-.330	.000
GR	110.000	3987.000	105.000	4822.000	100.000	4962.000	90.900	5000.000	90.500	5004.990
GR	89.500	5005.000	83.600	5012.500	82.800	5015.000	83.300	5020.000	83.200	5025.000
GR	83.200	5030.000	83.600	5040.000	89.200	5043.000	90.200	5043.010	95.000	5073.000
GR	95.320	5096.000	95.950	5146.000	95.640	5196.000	95.490	5246.000	100.000	5446.000
GR	100.000	5465.000	100.000	5515.000	100.000	5837.000	105.000	5927.000	110.000	5935.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	100.000	4822.000	.150	5005.000	.046	5043.000	.130	5073.000	100.000
NH	5935.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4955.000	5255.000
X1	50762.000	.000	.000	.000	151.000	151.000	151.000	.000	.330	.000
X3	10.000	.000	.000	.000	.000	.000	.000	90.500	90.200	.000

NH	5.000	100.000	4822.000	.150	5005.000	.046	5043.000	.130	5073.000	100.000
NH	5935.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4955.000	5255.000

BRIDGE # PIPE D/S OF HIBRITEN
PRESSURE ELEV = 89.5 WEIR ELEV = 90.2

X1	50763.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-19.000	3987.000	110.000	110.000	4822.000	105.000	105.000	4962.000	100.000	100.000
BT	.000	5000.000	90.900	90.900	5004.990	90.500	90.500	5005.000	90.500	89.500
BT	.000	5043.000	90.200	89.200	5043.010	90.200	90.200	5073.000	95.000	95.000
BT	.000	5096.000	95.320	95.320	5146.000	95.950	95.950	5196.000	95.640	95.640
BT	.000	5246.000	95.490	95.490	5446.000	100.000	100.000	5465.000	100.000	100.000
BT	.000	5515.000	100.000	100.000	5837.000	100.000	100.000	5927.000	105.000	105.000
BT	.000	5935.000	110.000	110.000	.000	.000	.000	.000	.000	.000

NH	5.000	100.000	4822.000	.150	5005.000	.046	5043.000	.130	5073.000	100.000
NH	5935.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4955.000	5255.000
X1	50764.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

NH	5.000	100.000	4822.000	.150	5005.000	.046	5043.000	.130	5073.000	100.000
NH	5935.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4955.000	5255.000

LAST BRIDGE X-SECTION FOR PIPE D/S OF HIBRITEN

X1	50765.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	90.500	90.200	.000

NH	5.000	100.000	4822.000	.150	5000.000	.046	5073.000	.130	5073.000	100.000
NH	5935.000	.000	.000	.000	.000	.000	.000	.000	4950.000	5250.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100		

FIRST BRIDGE X-SECTION FOR Y HIBRITEN

BRIDGE # Y HIBRITEN
PRESSURE ELEV = 95.17 WEIR ELEV = 95.49

X1	50773.000	30.000	5000.000	5073.000	8.000	8.000	8.000	8.000	8.000	8.000	8.000	100.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	110.000	3987.000	105.000	4822.000	100.000	4962.000	90.900	4999.990	90.900	5000.000	5000.000	5000.000
GR	90.900	5000.010	90.900	5001.000	88.900	5005.000	84.800	5010.000	83.600	5012.500	5012.500	5012.500
GR	82.800	5015.000	83.300	5020.000	83.300	5025.000	83.200	5030.000	83.200	5035.000	5035.000	5035.000
GR	83.600	5040.000	84.080	5046.000	84.080	5046.010	84.080	5046.020	84.080	5046.000	5046.000	5046.000
GR	95.320	5096.000	95.950	5146.000	95.640	5196.000	95.490	5246.000	100.000	5446.000	5446.000	5446.000
GR	100.000	5465.000	100.000	5515.000	100.000	5837.000	105.000	5927.000	110.000	5935.000	5935.000	5935.000
NH	5.000	100.000	4822.000	.180	5000.000	.056	5046.010	.150	5073.000	100.000		
NH	5935.000	.000	.000	.000	.000	.000	.000	.000	.000	.000		
SB	1.250	1.560	2.600	.000	29.820	.300	469.000	.654	82.800	82.800		
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4950.000	5250.000		
X1	50796.000	30.000	5000.000	5046.010	23.000	23.000	23.000	.000	.000	.000		
X2	.000	.000	1.000	95.170	95.490	.000	.000	.000	.000	.000		
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000		
BT	-31.000	3987.000	110.000	110.000	4822.000	105.000	105.000	4962.000	100.000	100.000		
BT	.000	4999.990	97.790	90.900	5000.000	5000.010	5000.010	5010.000	100.420	100.420		
BT	.000	5001.000	100.400	95.150	5005.000	100.320	95.070	5010.000	100.210	100.210		
BT	.000	5012.500	100.160	94.910	5015.000	100.110	94.850	5020.000	100.000	94.720		
BT	.000	5025.000	99.890	94.600	5030.000	99.760	94.520	5035.000	99.600	94.430		
BT	.000	5040.000	99.520	94.350	5046.000	99.390	94.140	5096.000	99.390	84.080		
BT	.000	5046.020	96.870	84.080	5073.000	97.780	95.000	5096.000	96.410	95.320		
BT	.000	5146.000	96.000	95.950	5196.000	95.640	95.640	5196.000	95.640	95.640		
BT	.000	5246.000	95.490	95.490	5446.000	100.000	100.000	5465.000	100.000	100.000		
BT	.000	5515.000	100.000	100.000	5837.000	100.000	100.000	5927.000	105.000	105.000		
BT	.000	5935.000	110.000	110.000	100.000	100.000	100.000	100.000	100.000	100.000		
GR	110.000	3987.000	105.000	4822.000	100.000	4962.000	90.900	4999.990	90.900	5000.000		
GR	90.900	5000.010	90.900	5001.000	88.900	5005.000	84.800	5010.000	83.600	5012.500		
GR	82.800	5015.000	83.300	5020.000	83.300	5025.000	83.200	5030.000	83.200	5035.000		
GR	83.600	5040.000	84.080	5046.000	84.080	5046.010	84.080	5046.020	84.080	5046.000		
GR	95.320	5096.000	95.950	5146.000	95.640	5196.000	95.490	5246.000	100.000	5446.000		
GR	100.000	5465.000	100.000	5515.000	100.000	5837.000	105.000	5927.000	110.000	5935.000		
NH	5.000	100.000	4822.000	.250	5000.000	.068	5073.000	.270	515.000	100.000		
NH	5935.000	.000	.000	.000	.000	.000	.000	.000	.000	.000		
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4950.000	5250.000		

LAIT BRIDGE X-SECTION FOR Y HIBRITEN

X1	50841.000	30.000	5000.000	5073.000	45.000	45.000	45.000	.000	.070	.000
GR	110.000	3987.600	105.000	4822.000	100.000	4962.000	90.900	4999.990	90.900	5000.000
GR	90.900	5000.010	90.900	5001.000	88.900	5005.000	84.800	5010.000	83.600	5012.500
GR	82.800	5015.000	83.300	5020.000	83.200	5025.000	83.200	5030.000	83.200	5035.000
GR	83.600	5040.000	84.080	5046.000	84.080	5046.010	84.080	5046.020	95.000	5073.000
GR	95.320	5096.000	95.950	5146.000	95.640	5196.000	95.490	5246.000	100.000	5446.000
GR	100.000	5465.000	100.000	5515.000	100.000	5837.000	105.000	5927.000	110.000	5935.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	100.000	5270.000	.500	5549.500	.070	5574.500	.180	5674.000	100.000
NH	6385.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	10.410	.000	.000

X-SECTION LCP

X1	51780.000	20.000	5549.500	5574.500	943.500	918.500	939.000	.000	.000	.000
X4	2.000	98.000	5270.000	98.130	5674.000	.000	.000	.000	.000	.000
GR	115.000	5000.000	110.000	5015.000	105.000	5035.000	100.000	5050.000	94.870	5519.500
GR	93.560	5549.500	85.820	5559.500	84.340	5561.500	84.040	5564.500	85.820	5566.500
GR	97.680	5574.500	97.530	5584.500	100.000	5955.000	101.000	5990.000	100.000	6020.000
GR	93.000	6150.000	100.000	6260.000	105.000	6285.000	110.000	6350.000	115.000	6385.000
NH	5.000	100.000	5270.000	.500	5549.500	.070	5574.500	.180	5674.000	100.000
NH	6385.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	52505.000	.000	.000	.000	704.000	730.000	725.000	.000	2.310	.000
NH	5.000	100.000	4900.000	.500	5001.000	.070	5036.000	.280	5174.000	100.000
NH	5434.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4918.000	5118.000

FIRST BRIDGE X-SECTION FOR PIPE D/S OF TREMONT

X1	53229.000	22.000	5001.000	5036.000	705.500	732.500	724.500	.000	-.480	.000
GR	110.000	4760.000	101.000	4800.000	101.000	4850.000	101.000	4900.000	101.000	4950.000
GR	94.730	5001.000	93.730	5001.010	92.810	5005.000	89.910	5010.000	89.310	5015.000
GR	89.410	5020.000	89.610	5025.000	89.910	5030.000	93.620	5036.000	94.620	5036.010
GR	98.110	5041.000	100.000	5051.000	101.000	5091.000	100.000	5141.000	107.910	5174.000
GR	105.000	5304.000	110.000	5434.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	100.000	4900.000	.200	5001.000	.070	5036.000	.250	5174.000	100.000
NH	5434.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4918.000	5118.000
X1	53372.000	.000	.000	.000	143.000	143.000	143.000	.000	.480	.000
X3	10.000	.000	.000	.000	.000	.000	.000	101.000	94.620	.000
NH	5.000	100.000	4900.000	.180	5001.000	.065	5036.000	.200	5174.000	100.000
NH	5434.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4918.000	5118.000

THIS RUN EXECUTED 02-10-86 07:19:24

 PEC2 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

LOWER CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
36925.000	.00	.00	.00	58.49	9230.00	77.05	.00	77.12	3.33	3.28	8149.81	5056.23
37179.000	254.00	.00	.00	59.00	9230.00	77.12	.00	77.22	4.46	3.49	7414.83	4368.66
37180.000	1.00	65.62	80.00	59.00	9230.00	77.19	.00	77.24	7.21	2.59	7413.51	3437.42
37181.000	1.25	65.62	80.00	59.00	9230.00	77.19	.00	77.24	7.21	2.59	7414.34	3437.97
37182.000	1.00	.00	.00	59.00	9230.00	77.17	.00	77.27	4.39	3.47	7460.51	4403.49
37228.000	47.00	.00	.00	59.00	9230.00	77.20	.00	77.29	4.67	3.28	7432.27	4271.19
37229.000	1.00	74.17	80.00	59.00	9230.00	77.07	.00	77.43	71.20	6.19	3280.50	1093.83
37271.000	41.50	74.17	80.00	59.00	9230.00	77.46	.00	77.72	56.60	5.52	3695.93	1226.87
37272.000	1.00	.00	.00	59.00	9230.00	77.71	.00	77.78	3.78	3.04	8038.67	4748.21
37391.000	119.00	.00	.00	58.68	9230.00	77.76	.00	77.83	3.26	2.88	8492.20	5110.30
37740.000	349.00	.00	.00	57.87	9230.00	77.88	.00	77.97	3.48	3.44	6387.32	4948.10
38285.000	545.00	.00	.00	61.50	9230.00	78.06	.00	78.20	4.37	3.57	3184.98	4412.98
38286.000	1.00	83.06	83.06	61.50	9230.00	78.05	.00	78.22	5.09	3.84	2945.57	4090.72
38303.000	17.00	83.06	83.06	61.50	9230.00	78.06	.00	78.22	5.09	3.83	2946.24	4092.17
38304.000	1.00	.00	.00	61.50	9230.00	78.09	.00	78.23	4.33	3.55	3195.63	4435.86
38503.000	199.00	.00	.00	61.82	9230.00	78.18	.00	78.33	4.69	3.66	3113.58	4260.90
39628.000	1125.00	.00	.00	63.52	9230.00	79.07	.00	79.95	33.84	9.59	2535.23	1586.65

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
39789.000	161.00	.00	.00	63.79	9230.00	79.70	.00	80.49	29.87	9.17	2747.91	1688.92
39821.000	1.00	76.71	75.67	63.79	9230.00	80.56	.00	81.17	22.36	8.25	3282.65	1951.74
39860.000	39.50	.00	.00	63.88	9230.00	80.65	.00	81.26	22.36	8.25	3283.03	1951.93
41713.000	1853.10	.00	.00	66.18	9230.00	84.71	.00	85.77	24.67	8.74	3131.37	1858.34
41988.000	275.00	.00	.00	66.67	9230.00	85.46	.00	86.45	22.57	8.47	3376.67	1942.85
41989.000	1.00	80.00	100.00	66.67	9230.00	85.16	79.63	86.76	147.31	11.11	2750.59	760.48
42021.000	31.80	80.00	100.00	66.67	9230.00	86.82	.00	87.45	109.73	7.85	4253.37	881.13
42022.000	1.00	.00	.00	66.67	9230.00	86.81	.00	87.47	14.49	7.11	4642.73	2425.15
42090.000	68.00	.00	.00	66.70	9230.00	86.93	.00	87.57	14.08	7.04	4728.31	2459.70
42387.000	297.00	.00	.00	67.60	9230.00	87.38	.00	87.98	13.23	6.55	2779.54	2537.57
42662.000	275.00	.00	.00	67.70	9230.00	87.78	.00	88.33	12.08	6.35	2957.41	2656.02
42663.000	1.00	83.11	100.00	67.70	9230.00	87.81	.00	88.34	95.58	6.98	2575.16	944.10
42716.000	53.00	83.11	100.00	67.70	9230.00	88.39	.00	88.81	72.71	6.33	2930.65	1082.47
42717.000	1.00	.00	.00	67.70	9230.00	88.36	.00	88.85	10.25	5.99	3311.14	2883.43
42785.000	68.00	.00	.00	67.70	9230.00	88.44	.00	88.92	10.01	5.94	3361.07	2917.11
42846.000	61.00	.00	.00	67.70	9230.00	88.46	.00	89.03	11.46	6.70	3372.96	2726.52
42847.000	1.00	72.47	100.00	67.70	9230.00	88.73	.00	89.10	21.85	5.77	3498.17	1974.43
42848.000	1.00	72.47	100.00	67.70	9230.00	88.74	.00	89.10	21.85	5.77	3498.53	1974.61
42849.000	1.00	.00	.00	67.70	9230.00	88.67	.00	89.17	10.15	6.36	3505.64	2896.92
42889.000	39.50	.00	.00	67.74	9230.00	88.71	.00	89.21	10.15	6.36	3505.69	2896.96
42898.000	9.20	.00	.00	67.74	9230.00	88.89	.00	89.23	7.64	5.29	4055.97	3338.92
43173.000	275.00	.00	.00	68.00	9230.00	89.10	.00	89.45	7.76	5.32	4021.10	3313.65
43174.000	1.00	82.82	100.00	68.00	9230.00	89.22	.00	89.48	45.82	5.20	3661.28	1363.51
43206.000	31.60	82.82	100.00	68.00	9230.00	89.38	.00	89.62	42.85	5.08	3767.89	1409.99
43207.000	1.00	.00	.00	68.00	9230.00	89.33	.00	89.67	7.24	5.19	4181.99	3431.06
43275.000	68.00	.00	.00	68.26	9230.00	89.38	.00	89.73	7.71	5.31	4034.75	3323.53

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*5	VCH	AREA	.01K
43800.000	525.00	.00	.00	69.90	9230.00	89.87	.00	90.36	13.26	6.59	8707.99	2534.38
43932.000	131.66	.00	.00	70.36	9230.00	90.13	.00	90.49	6.86	5.33	7679.95	3524.04
44228.000	297.00	.00	.00	71.40	9230.00	90.32	.00	90.73	8.28	5.67	6682.19	3207.50
44229.000	1.00	74.11	100.00	71.40	9230.00	90.53	.00	90.78	24.55	4.85	6873.23	1862.84
44230.000	.67	74.11	100.00	71.40	9230.00	90.53	.00	90.78	24.54	4.85	6874.23	1863.04
44231.000	1.00	.00	.00	71.40	9230.00	90.46	.00	90.86	8.03	5.61	6840.36	3257.37
44258.000	27.00	.00	.00	71.40	9230.00	90.46	.00	90.90	9.41	5.98	6747.87	3008.46
44259.000	1.00	82.59	100.00	71.40	9230.00	90.04	.00	91.33	94.85	9.85	5035.74	947.72
44300.000	40.80	82.59	100.00	71.40	9230.00	90.60	.00	91.74	87.51	9.46	5641.34	986.68
44301.000	1.00	.00	.00	71.40	9230.00	91.61	.00	91.97	7.21	5.47	8112.40	3437.20
44356.000	55.00	.00	.00	71.47	9230.00	91.65	.00	92.01	7.27	5.49	8065.77	3422.40
45040.000	684.00	.00	.00	72.08	9230.00	92.17	.00	92.24	1.74	2.50	10169.74	6997.34
45497.000	457.00	.00	.00	72.50	9230.00	92.26	.00	92.32	1.89	2.57	9839.12	6712.89
45522.000	25.00	72.50	86.51	72.50	9230.00	92.92	.00	92.98	1.61	2.43	10491.03	7275.53
45636.000	113.60	.00	.00	72.77	9230.00	92.93	.00	93.01	1.83	2.68	10243.49	6825.30
45770.000	134.00	.00	.00	73.05	5040.00	92.99	.00	93.03	1.74	2.36	9066.23	3823.01
45874.000	104.00	.00	.00	73.20	5040.00	93.01	.00	93.05	2.21	2.66	11902.56	3389.26
45875.000	1.00	80.30	100.00	73.20	5040.00	93.05	.00	93.06	3.38	1.63	11935.73	2740.93
45885.000	10.50	80.30	100.00	73.20	5040.00	93.06	.00	93.07	3.38	1.63	11939.95	2742.10
45886.000	1.00	.00	.00	73.20	5040.00	93.04	.00	93.08	2.19	2.65	11958.47	3407.55
45919.000	33.00	.00	.00	73.20	5040.00	93.05	.00	93.09	2.21	2.76	11991.09	3389.52
45920.000	1.00	77.69	100.00	73.20	5040.00	93.08	.00	93.10	2.98	1.97	12021.07	2920.44
45921.000	.67	77.69	100.00	73.20	5040.00	93.08	.00	93.10	2.98	1.97	12021.34	2920.52
45922.000	1.00	.00	.00	73.20	5040.00	93.07	.00	93.11	2.20	2.75	12028.77	3401.56
45944.000	23.00	.00	.00	73.24	5040.00	93.08	.00	93.12	2.22	2.76	11970.27	3382.87
46220.000	276.00	.00	.00	73.74	5040.00	93.15	.00	93.20	2.81	2.97	8733.44	3009.08

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
46375.000	155.00	.00	.00	74.03	5040.00	93.19	.00	93.25	3.03	3.06	8639.14	2895.81
46376.000	1.00	80.93	100.00	74.03	5040.00	93.24	.00	93.26	4.84	2.00	8590.91	2290.89
46383.000	7.00	80.93	100.00	74.03	5040.00	93.24	.00	93.26	4.84	2.00	8594.17	2291.58
46384.000	1.00	.00	.00	74.03	5040.00	93.23	.00	93.28	2.98	3.04	8696.60	2917.85
46422.000	38.00	.00	.00	74.13	5040.00	93.24	.00	93.29	3.07	3.07	8585.10	2875.11
46636.000	214.00	.00	.00	74.80	5040.00	93.28	.00	93.39	2.19	3.07	5150.28	3405.91
46763.000	127.00	92.77	86.80	74.80	5040.00	94.26	.00	94.34	1.62	2.75	6192.73	3960.11
46831.000	67.50	.00	.00	74.99	5040.00	94.27	.00	94.35	1.69	2.78	6058.31	3879.07
47250.000	419.50	.00	.00	75.59	5040.00	94.40	.00	94.46	3.37	3.06	8455.02	2746.55
47425.000	175.00	.00	.00	75.85	5040.00	94.46	.00	94.52	3.60	3.13	8235.88	2657.05
47426.000	1.00	84.45	125.00	75.85	5040.00	94.52	.00	94.54	6.78	2.06	8176.70	1935.48
47433.000	7.00	84.45	125.00	75.85	5040.00	94.52	.00	94.54	6.77	2.06	8180.52	1936.72
47434.000	1.00	.00	.00	75.85	5040.00	94.50	.00	94.56	3.54	3.11	8285.82	2677.34
47477.000	43.00	.00	.00	75.92	5040.00	94.52	.00	94.58	3.60	3.13	8235.52	2656.90
47512.000	35.00	.00	.00	75.97	5040.00	94.56	.00	94.59	1.98	2.35	12007.04	3581.83
47729.000	217.00	.00	.00	76.30	5040.00	94.60	.00	94.63	2.17	2.42	11563.27	3422.97
47730.000	1.00	84.00	110.00	76.30	5040.00	94.63	.00	94.64	4.19	1.71	11448.37	2463.39
47740.000	10.00	84.00	110.00	76.30	5040.00	94.63	.00	94.64	4.18	1.71	11453.35	2464.79
47741.000	1.00	.00	.00	76.30	5040.00	94.62	.00	94.66	2.15	2.41	11593.48	3433.74
47794.000	53.50	.00	.00	76.47	5040.00	94.63	.00	94.67	2.27	2.46	11344.80	3345.33
47980.000	186.00	.00	.00	76.98	5040.00	94.67	.00	94.70	2.24	2.40	11308.10	3369.21
48159.000	179.00	.00	.00	77.50	5040.00	94.71	.00	94.74	2.64	2.55	10678.24	3099.47
48160.000	1.00	86.00	110.00	77.50	5040.00	94.74	.00	94.75	4.05	1.50	10561.89	2503.86
48170.000	10.00	86.00	110.00	77.50	5040.00	94.75	.00	94.75	4.05	1.50	10566.32	2505.51
48171.000	1.00	.00	.00	77.50	5040.00	94.73	.00	94.77	2.61	2.54	10720.21	3117.18
48215.000	44.00	.00	.00	77.59	5040.00	94.75	.00	94.78	2.69	2.56	10612.92	3071.98

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
48500.000	285.00	.00	.00	78.08	5040.00	94.80	.00	94.86	3.80	3.10	6410.56	2583.77
48679.000	179.00	.00	.00	78.40	5040.00	94.87	.00	94.94	4.22	3.22	6106.67	2454.29
48680.000	1.00	87.20	110.00	78.40	5040.00	94.93	.00	94.95	9.15	2.25	6045.48	1666.32
48690.000	10.00	87.20	110.00	78.40	5040.00	94.94	.00	94.96	9.12	2.25	6053.15	1668.76
48691.000	1.00	.00	.00	78.40	5040.00	94.92	.00	94.98	4.14	3.20	6162.55	2478.09
48735.000	44.00	.00	.00	78.63	5040.00	94.93	.00	95.00	4.49	3.30	5927.21	2377.89
48789.000	54.00	.00	.00	78.90	5040.00	94.91	.00	95.07	8.81	4.56	10152.89	1697.90
48790.000	1.00	86.00	115.00	78.90	5040.00	95.06	.00	95.11	20.59	3.18	10263.27	1110.80
48800.000	10.00	86.00	115.00	78.90	5040.00	95.08	.00	95.13	20.43	3.17	10285.32	1114.98
48801.000	1.00	.00	.00	78.90	5040.00	95.03	.00	95.18	8.38	4.48	10327.84	1740.90
48844.000	43.50	.00	.00	79.02	5040.00	95.06	.00	95.22	8.70	4.54	10198.66	1709.11
48931.000	87.50	.00	.00	79.24	5040.00	95.19	.00	95.30	6.69	3.79	8658.01	1948.48
49150.000	219.00	.00	.00	79.80	5040.00	95.34	.00	95.46	8.10	4.07	8036.12	1770.45
49151.000	1.00	88.60	115.00	79.80	5040.00	95.44	.00	95.49	25.30	3.29	8032.81	1002.03
49158.000	7.00	88.60	115.00	79.80	5040.00	95.45	.00	95.51	25.14	3.29	8050.44	1005.27
49159.000	1.00	.00	.00	79.80	5040.00	95.42	.00	95.54	7.80	4.01	8158.09	1804.79
49213.000	54.00	.00	.00	79.90	5040.00	95.46	.00	95.59	8.02	4.05	8069.04	1779.69
49336.000	123.25	.00	.00	80.12	5040.00	95.53	.00	95.80	20.34	5.94	3721.73	1117.40
49495.000	159.00	.00	.00	80.40	5040.00	95.91	.00	96.17	19.53	5.86	3800.02	1140.54
49496.000	1.00	89.30	109.03	80.40	5040.00	96.13	.00	96.22	44.76	4.30	3895.96	753.37
49504.000	7.50	89.30	109.03	80.40	5040.00	96.17	.00	96.26	44.09	4.28	3921.53	759.06
49505.000	1.00	.00	.00	80.40	5040.00	96.09	.00	96.34	17.93	5.68	3966.77	1190.26
49544.000	39.00	.00	.00	80.43	5040.00	96.17	.00	96.41	17.58	5.64	4006.01	1202.04
49720.000	176.00	.00	.00	80.57	5040.00	96.42	.00	96.69	11.51	5.35	4762.72	1485.28
50611.000	891.50	.00	.00	82.47	5040.00	97.54	.00	98.62	26.96	8.77	1333.52	970.60
50762.000	151.00	.00	.00	82.80	5040.00	97.96	.00	99.03	26.30	8.70	1367.68	982.78

SECHO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
50763.000	1.00	90.20	110.00	82.80	5040.00	98.27	.00	99.10	93.99	8.12	1456.15	519.87
50764.000	1.00	90.20	110.00	82.80	5040.00	98.28	.00	99.11	93.90	8.11	1457.35	520.12
50765.000	1.00	.00	.00	82.80	5040.00	98.19	.00	99.21	24.61	8.52	1461.60	1015.98
50773.000	8.00	.00	.00	82.80	5040.00	98.96	.00	99.40	10.17	5.36	1905.74	1580.34
50796.000	23.00	95.49	95.17	82.80	5040.00	98.76	.00	99.40	20.23	6.79	1820.91	1120.45
50841.000	45.00	.00	.00	82.87	5040.00	99.25	.00	99.57	17.54	4.82	2002.27	1203.58
51780.000	939.00	.00	.00	84.04	5040.00	102.39	.00	102.93	70.19	8.02	5762.38	601.57
52505.000	725.00	.00	.00	86.35	5040.00	106.24	.00	106.55	38.87	6.41	7665.52	808.36
53229.000	724.50	.00	.00	88.83	5040.00	107.97	.00	108.35	18.08	5.83	3838.48	1185.44
53372.000	143.00	.00	.00	89.31	5040.00	108.37	.00	108.62	13.42	5.01	3792.54	1375.84
53373.000	1.00	94.62	110.00	89.31	5040.00	108.59	.00	108.67	22.41	3.37	3889.89	1064.75
53374.000	1.00	94.62	110.00	89.31	5040.00	108.58	.00	108.68	15.18	3.61	3890.93	1293.41
53375.000	1.00	.00	.00	89.31	5040.00	108.51	.00	108.75	6.77	5.01	3874.45	1937.09
53398.000	23.00	.00	.00	89.31	5040.00	108.52	.00	108.77	6.98	4.86	3783.71	1907.41
53421.000	23.00	101.68	99.44	89.31	5040.00	108.52	.00	108.77	6.99	4.86	3780.19	1905.96
53460.000	39.00	.00	.00	89.38	5040.00	108.55	.00	108.80	7.07	4.88	3753.23	1894.84
53725.000	265.00	.00	.00	89.77	5040.00	108.84	.00	108.97	5.17	3.44	3814.73	2217.46

LOWER CREEK

SUMMARY PRINTOUT TABLE 150

STAKE	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
36925.000	9230.00	77.05	.00	.00	.00	1431.74	.00
37179.000	9230.00	77.12	.00	.07	.00	1169.05	254.00
37180.000	9230.00	77.19	.00	.07	.00	1170.13	1.00
37181.000	9230.00	77.19	.00	.00	.00	1170.14	1.25
37182.000	9230.00	77.17	.00	-.03	.00	1169.72	1.00
37228.000	9230.00	77.20	.00	.03	.00	1170.18	47.00
37229.000	9230.00	77.07	.00	-.14	.00	1167.95	1.00
37271.000	9230.00	77.46	.00	.39	.00	1175.68	41.50
37272.000	9230.00	77.71	.00	.25	.00	1199.11	1.00
37391.000	9230.00	77.76	.00	.05	.00	1234.27	119.00
37740.000	9230.00	77.88	.00	.12	.00	681.27	349.00
38285.000	9230.00	78.06	.00	.18	.00	362.81	545.00
38286.000	9230.00	78.05	.00	-.01	.00	362.79	1.00
38303.000	9230.00	78.06	.00	.01	.00	362.80	17.00
38304.000	9230.00	78.09	.00	.03	.00	362.90	1.00
38503.000	9230.00	78.18	.00	.09	.00	362.20	199.00
39628.000	9230.00	79.07	.00	.89	.00	570.51	1125.00
39789.000	9230.00	79.70	.00	.63	.00	598.93	161.00
39821.000	9230.00	80.56	.00	.86	.00	639.69	1.00
39860.000	9230.00	80.65	.00	.09	.00	639.72	39.50
41713.000	9230.00	84.71	.00	4.06	.00	941.39	1853.10
41988.000	9230.00	85.46	.00	.75	.00	943.21	275.00
41989.000	9230.00	85.16	.00	-.30	.00	941.13	1.00
42021.000	9230.00	86.82	.00	1.66	.00	952.76	31.80

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
42022.000	9230.00	86.81	.00	-.01	.00	952.67	1.00
42090.000	9230.00	86.93	.00	.12	.00	953.30	68.00
42387.000	9230.00	87.38	.00	.45	.00	583.23	297.00
42662.000	9230.00	87.78	.00	.40	.00	598.10	275.00
42663.000	9230.00	87.81	.00	.03	.00	599.51	1.00
42716.000	9230.00	88.39	.00	.58	.00	617.97	53.00
42717.000	9230.00	88.36	.00	-.03	.00	617.28	1.00
42785.000	9230.00	88.44	.00	.08	.00	619.14	68.00
42846.000	9230.00	88.46	.00	.01	.00	619.48	61.00
42847.000	9230.00	88.73	.00	.28	.00	625.90	1.00
42848.000	9230.00	88.74	.00	.00	.00	625.91	1.00
42849.000	9230.00	88.67	.00	-.07	.00	624.38	1.00
42889.000	9230.00	88.71	.00	.04	.00	624.38	39.50
42898.000	9230.00	88.89	.00	.18	.00	674.97	9.20
43173.000	9230.00	89.10	.00	.21	.00	674.90	275.00
43174.000	9230.00	89.22	.00	.12	.00	675.05	1.00
43206.000	9230.00	89.38	.00	.16	.00	675.24	31.60
43207.000	9230.00	89.33	.00	-.04	.00	675.19	1.00
43275.000	9230.00	89.38	.00	.04	.00	674.93	68.00
43800.000	9230.00	89.87	.00	.49	.00	1439.39	525.00
43932.000	9230.00	90.13	.00	.27	.00	1186.90	131.66
44228.000	9230.00	90.32	.00	.19	.00	1152.79	297.00
44229.000	9230.00	90.53	.00	.21	.00	1161.16	1.00
44230.000	9230.00	90.53	.00	.00	.00	1161.20	.67
44231.000	9230.00	90.46	.00	-.07	.00	1158.26	1.00
44258.000	9230.00	90.46	.00	.00	.00	1158.38	27.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
44259.000	9230.00	90.04	.00	-.42	.00	1141.78	1.00
44300.000	9230.00	90.60	.00	.56	.00	1164.24	40.80
44301.000	9230.00	91.61	.00	1.00	.00	1204.57	1.00
44356.000	9230.00	91.65	.00	.04	.00	1203.02	55.00
45040.000	9230.00	92.17	.00	.53	.00	983.44	684.00
45497.000	9230.00	92.26	.00	.03	.00	972.93	457.00
45522.000	9230.00	92.92	.00	.66	.00	993.51	25.00
45636.000	9230.00	92.93	.00	.01	.00	985.76	113.60
45770.000	5040.00	92.99	.00	.06	.00	1053.85	134.00
45874.000	5040.00	93.01	.00	.02	.00	1435.54	104.00
45875.000	5040.00	93.05	.00	.04	.00	1438.06	1.00
45885.000	5040.00	93.06	.00	.00	.00	1438.23	10.50
45886.000	5040.00	93.04	.00	-.02	.00	1437.83	1.00
45919.000	5040.00	93.05	.00	.04	.00	1437.92	33.00
45920.000	5040.00	93.08	.00	.03	.00	1439.82	1.00
45921.000	5040.00	93.08	.00	.00	.00	1439.83	.67
45922.000	5040.00	93.07	.00	-.01	.00	1439.46	1.00
45944.000	5040.00	93.08	.00	.00	.00	1437.06	23.00
46220.000	5040.00	93.15	.00	.07	.00	1189.20	276.00
46375.000	5040.00	93.19	.00	.04	.00	1179.55	155.00
46376.000	5040.00	93.24	.00	.05	.00	1181.65	1.00
46383.000	5040.00	93.24	.00	.00	.00	1181.76	7.00
46384.000	5040.00	93.23	.00	-.02	.00	1181.44	1.00
46422.000	5040.00	93.24	.00	.01	.00	1177.77	38.00
46636.000	5040.00	93.28	.00	.05	.00	707.65	214.00
46763.000	5040.00	94.26	.00	.98	.00	759.64	127.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
46831.000	5040.00	94.27	.00	.01	.00	757.72	67.50
47250.000	5040.00	94.40	.00	.13	.00	1053.12	419.50
47425.000	5040.00	94.46	.00	.06	.00	1051.68	175.00
47426.000	5040.00	94.52	.00	.06	.00	1052.11	1.00
47433.000	5040.00	94.52	.00	.00	.00	1052.14	7.00
47434.000	5040.00	94.50	.00	-.02	.00	1052.01	1.00
47477.000	5040.00	94.52	.00	.01	.00	1051.68	43.00
47512.000	5040.00	94.56	.00	.04	.00	1586.53	35.00
47729.000	5040.00	94.60	.00	.04	.00	1572.15	217.00
47730.000	5040.00	94.63	.00	.03	.00	1573.17	1.00
47740.000	5040.00	94.63	.00	.00	.00	1573.34	10.00
47741.000	5040.00	94.62	.00	-.01	.00	1573.13	1.00
47794.000	5040.00	94.63	.00	.01	.00	1565.02	53.50
47980.000	5040.00	94.67	.00	.03	.00	1320.82	186.00
48159.000	5040.00	94.71	.00	.04	.00	1317.12	179.00
48160.000	5040.00	94.74	.00	.03	.00	1317.45	1.00
48170.000	5040.00	94.75	.00	.00	.00	1317.49	10.00
48171.000	5040.00	94.73	.00	-.01	.00	1317.44	1.00
48215.000	5040.00	94.75	.00	.01	.00	1316.63	44.00
48500.000	5040.00	94.80	.00	.06	.00	1165.80	285.00
48679.000	5040.00	94.87	.00	.07	.00	1141.49	179.00
48580.000	5040.00	94.93	.00	.05	.00	1146.93	1.00
48690.000	5040.00	94.94	.00	.01	.00	1147.54	10.00
48691.000	5040.00	94.92	.00	-.02	.00	1146.00	1.00
48735.000	5040.00	94.93	.00	.02	.00	1126.89	44.00
48789.000	5040.00	94.91	.00	-.02	.00	1506.68	54.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
48790.000	5040.00	95.06	.00	.15	.00	1510.99	1.00
48800.000	5040.00	95.08	.00	.02	.00	1511.24	10.00
48801.000	5040.00	95.03	.00	-.05	.00	1510.48	1.00
48844.000	5040.00	95.06	.00	.03	.00	1507.83	43.50
48931.000	5040.00	95.19	.00	.13	.00	1517.95	87.50
49150.000	5040.00	95.34	.00	.15	.00	1512.78	219.00
49151.000	5040.00	95.44	.00	.10	.00	1513.99	1.00
49158.000	5040.00	95.45	.00	.02	.00	1514.13	7.00
49159.000	5040.00	95.42	.00	-.03	.00	1513.80	1.00
49213.000	5040.00	95.46	.00	.04	.00	1513.06	54.00
49336.000	5040.00	95.53	.00	.07	.00	870.64	123.25
49495.000	5040.00	95.91	.00	.37	.00	874.42	159.00
49496.000	5040.00	96.13	.00	.23	.00	883.98	1.00
49504.000	5040.00	96.17	.00	.03	.00	885.18	7.50
49505.000	5040.00	96.09	.00	-.07	.00	882.31	1.00
49544.000	5040.00	96.17	.00	.07	.00	884.16	39.00
49720.000	5040.00	96.42	.00	.25	.00	856.14	176.00
50611.000	5040.00	97.54	.00	1.12	.00	380.42	891.50
50762.000	5040.00	97.96	.00	.43	.00	384.75	151.00
50763.000	5040.00	98.27	.00	.31	.00	400.40	1.00
50764.000	5040.00	98.28	.00	.01	.00	400.55	1.00
50765.000	5040.00	98.19	.00	-.09	.00	396.42	1.00
50773.000	5040.00	98.96	.00	.77	.00	433.72	8.00
50796.000	5040.00	98.76	.00	-.20	.00	424.12	23.00
50841.000	5040.00	99.25	.00	.49	.00	444.39	45.00
51780.000	5040.00	102.39	.00	3.14	.00	1229.12	939.00

SECNO	Q	CKSEL	DJFWSP	DJFWSX	DJFKWS	TOPWID	XLCH
52505.000	5040.00	106.24	.00	3.85	.00	1241.44	725.00
53229.000	5040.00	107.97	.00	1.73	.00	626.88	724.50
53372.000	5040.00	108.37	.00	.40	.00	624.65	143.00
53373.000	5040.00	108.59	.00	.22	.00	631.08	1.00
53374.000	5040.00	108.58	.00	-.01	.00	631.13	1.00
53375.000	5040.00	108.51	.00	-.07	.00	628.62	1.00
53398.000	5040.00	108.52	.00	.01	.00	629.23	23.00
53421.000	5040.00	108.52	.00	.00	.00	629.06	23.00
53460.000	5040.00	108.55	.00	.03	.00	627.76	39.00
53725.000	5040.00	108.84	.00	.29	.00	519.52	265.00

 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 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T1 FILENAME: LM.HEC ENG: SKE EA: DLY COMM 2320
 T2 LOWER CREEK, DATE: 01/31/86 100-YEAR EVENT
 T3

J1	ICHECK	ING	MINV	IDIR	SIRT	METRIC	WVINS	Q	WSEL	FD
0.	6.	0.	0.	.001073	.00	.0	0.	0.	79.680	.000

J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBV	CHN1H	ITRACE
-1.000	.000	-1.000	.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
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4.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
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ET	.000	.000	.000	.000	.000	.000	.000	.000	10.410	.000
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QT	7.000	4700.000	6940.000	10240.000	13740.000	17270.000	27990.000	27990.000	17270.000	.000
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MC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
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MH	4.000	.220	5790.000	.180	5950.000	.046	6015.000	6015.000	.150	7010.000
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ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATIONS.

QT VALUES REPRESENT THE FOLLOWING EVENTS.

4-YR. 10-YR. 25-YR. 50-YR. 100-YR. 500-YR. 1973. 1977.

LOWER CREEK.

X-SECTION LCA-1

X1	1750.000	19.000	5950.000	6015.000	.000	.000	.000	.000	.000	.000
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X4	1.000	18.000	5790.000	.000	.000	.000	.000	.000	.000	.000
----	-------	--------	----------	------	------	------	------	------	------	------

GR	40.000	5000.000	32.000	5030.000	28.000	5180.000	24.000	5440.000	20.000	5630.000
----	--------	----------	--------	----------	--------	----------	--------	----------	--------	----------

GR	20.000	5950.000	10.800	5953.000	9.800	5982.500	10.800	6012.000	20.000	6015.000
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GR	20.000	6050.000	18.000	6235.000	20.000	6370.000	24.000	6460.000	28.000	6560.000
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GR	28.000	6750.000	32.000	6875.000	36.000	6940.000	40.000	7010.000	28.000	.000
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NH	6.000	100.000	5555.000	.180	5785.500	.046	5873.500	.090	5950.000	.160
NH	6250.000	100.000	7245.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5472.000	6122.000
X-SECTION LCA										
X1	3640.000	49.000	5785.500	5873.500	1830.000	1900.000	1890.000	.000	.000	.000
GR	40.000	5000.000	20.000	5040.000	19.000	5070.000	20.000	5085.000	21.000	5120.000
GR	2.000	5185.000	21.000	5225.000	20.000	5250.000	19.000	5280.000	20.000	5305.000
GR	21.000	5335.000	23.000	5410.000	22.000	5485.000	23.000	5555.000	22.000	5625.000
GR	23.000	5680.000	23.000	5745.000	23.900	5763.500	23.600	5785.500	13.600	5795.500
GR	13.000	5796.500	12.100	5808.500	11.800	5816.500	12.100	5833.500	13.000	5853.500
GR	13.200	5854.500	22.900	5873.500	21.000	5885.000	22.000	5950.000	22.000	6180.000
GR	21.000	6250.000	22.000	6290.000	20.000	6300.000	15.000	6315.000	20.000	6330.000
GR	22.000	6350.000	21.000	6420.000	21.000	6485.000	22.000	6565.000	22.000	6745.000
GR	23.000	6830.000	22.000	6910.000	22.000	7000.000	23.000	7075.000	24.000	7110.000
GR	28.000	7170.000	32.000	7195.000	36.000	7220.000	40.000	7245.000	.000	.000
NH	4.000	.100	5678.500	.046	5746.000	.120	5962.000	100.000	6377.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5653.000	6153.000

X-SECTION LCB										
X1	4680.000	49.000	5678.500	5746.000	980.000	1410.000	1040.000	.000	.000	.000
GR	40.000	5000.000	38.000	5065.000	36.000	5090.000	36.000	5125.000	35.000	5202.000
GR	33.000	5288.000	36.000	5334.000	38.000	5372.000	40.000	5402.000	42.000	5449.000
GR	40.000	5500.000	38.000	5530.000	36.000	5560.000	32.000	5570.000	28.000	5600.000
GR	24.000	5630.000	21.000	5650.000	20.000	5663.000	22.000	5678.500	14.100	5684.500
GR	14.000	5685.500	13.400	5693.500	12.900	5703.500	12.900	5713.500	14.000	5714.500
GR	13.800	5718.500	16.000	5723.000	20.000	5734.000	21.000	5746.000	22.000	5797.000
GR	22.000	5850.000	23.000	5912.000	22.000	5962.000	22.000	6024.000	21.000	6076.000
GR	20.000	6117.000	24.000	6137.000	16.000	6147.000	24.000	6152.000	19.000	6182.000
GR	20.000	6212.000	21.000	6232.000	24.000	6272.000	24.000	6282.000	26.000	6287.000
GR	28.000	6320.000	32.000	6337.000	36.000	6359.000	40.000	6377.000	.000	.000
QT	7.000	4300.000	6320.000	9250.000	12420.000	15540.000	25160.000	15540.000	.000	.000
NH	4.000	.100	4980.000	.046	5095.000	.090	5490.000	.150	5830.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4960.000	5460.000

FIRST X-SECTION FOR BRIDGE # A

X1	5635.600	40.000	4980.000	5095.000	935.600	895.600	955.600	.000	.170	.000
GR	40.000	4520.000	36.000	4560.000	32.000	4665.000	30.000	4730.000	28.370	4800.000
GR	27.230	4850.000	26.690	4900.000	26.370	4950.000	22.000	4980.000	15.000	5000.000
GR	15.000	5000.010	14.700	5005.000	13.600	5007.500	13.700	5010.000	14.200	5015.000
GR	14.500	5020.000	13.700	5025.000	14.300	5030.000	14.900	5035.000	14.900	5035.010
GR	13.700	5036.300	13.700	5036.310	13.800	5040.000	14.100	5045.000	13.500	5050.000
GR	20.000	5095.000	14.000	5060.000	14.000	5085.000	13.700	5071.000	13.700	5071.010
GR	20.000	5380.000	24.000	5490.000	28.000	5650.000	36.000	5730.000	44.000	5830.000

GR	24.000	5380.000	24.000	5490.000	28.000	5650.000	36.000	5730.000	44.000	5830.000
NH	4.000	.180	4950.000	.046	5121.000	.090	5490.000	.150	5830.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4970.000	5470.000

LAST X-SECTION FOR BRIDGE A.

X1	6011.400	.000	.000	.000	70.000	70.000	70.000	.000	.040	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.150	5632.000	.090	5897.500	.046	5987.500	.080	6250.500	.120
NH	6492.500	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	10.410	.000	.000

X-SECTION LCC

X1	9750.000	40.000	5897.500	5987.500	3778.600	3568.600	3739.100	.000	.000	.000
GR	48.000	5000.000	44.000	5045.000	40.000	5070.000	36.000	5115.000	28.000	5195.000
GR	24.000	5228.000	23.000	5315.000	21.000	5395.000	23.000	5466.000	23.000	5573.000
GR	22.000	5632.000	23.000	5675.000	23.000	5750.000	24.000	5810.000	24.000	5840.000
GR	24.800	5362.500	25.000	5897.500	17.200	5913.500	17.000	5913.510	16.000	5917.500
GR	16.000	5932.500	16.000	5942.500	15.800	5964.500	17.000	5966.500	18.500	5966.500
GR	23.000	5987.500	24.000	5990.000	23.000	6030.000	23.000	6097.500	22.000	6174.500
GR	22.000	6250.500	21.000	6340.500	23.000	6267.500	24.000	6383.500	28.000	6392.500
GR	32.000	6406.500	36.000	6423.500	40.000	6433.500	44.000	6456.500	46.000	6492.500
NH	5.000	.150	4730.000	.120	5000.000	.046	5084.000	.080	5675.000	.120
NH	5875.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

X-SECTION ADDED, LCC-1

X1	11287.000	13.000	5000.000	5084.000	1600.000	1410.000	1537.000	.000	.000	.000
GR	48.000	4540.000	24.000	4640.000	24.000	4730.000	25.000	5000.000	18.860	5015.000
GR	17.860	5020.000	18.000	5060.000	20.860	5068.000	24.400	5084.000	24.000	5310.000
GR	24.000	5675.000	40.000	5825.000	48.000	5875.000	.000	.000	.000	.000
NH	4.000	100.000	4270.000	.110	5000.000	.046	5084.000	.180	5330.000	.000

X-SECTION ADDED, LCC-2

X1	13337.000	14.000	5000.000	5084.000	2150.000	1940.000	2050.000	.000	.000	.000
GR	48.000	2930.000	40.000	3060.000	32.000	3380.000	28.000	3940.000	28.000	4270.000
GR	29.620	5000.000	21.620	5015.000	20.620	5020.000	20.780	5060.000	23.620	5068.000
GR	27.220	5084.000	32.000	5120.000	40.000	5150.000	48.000	5330.000	.000	.000
NH	3.000	.140	5647.500	.046	5707.500	.150	6370.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5280.000	5939.000

X-SECTION ADDED, LCC-3

X1	15288.000	17.000	5647.500	5737.500	1501.000	2030.000	1951.000	.000	5555.000	.000	32.240	.000	5647.500
GR	37.000	5000.000	36.000	5070.000	31.000	5410.000	32.000	5731.500	5715.500	28.120	40.000	6275.000	5731.500
GR	24.210	5662.500	23.260	5667.500	27.720	5707.500	27.620	6260.000	6260.000	40.000	.000	.000	6275.000
GR	36.000	5750.000	33.000	5830.000	36.000	6140.000	36.000	6260.000	6260.000	.000	.000	.000	6275.000
GR	44.000	6340.000	42.000	6370.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	.150	5590.000	.140	5907.000	.046	5989.000	.110	6055.000	.150	6055.000	.150	6055.000
NH	6195.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5130.000	.000	5130.000	.000	6005.000

X-SECTION LCD

X1	16450.000	35.000	5907.000	5989.000	1160.000	1090.000	1162.000	.000	5050.000	.000	32.000	.000	5065.000
GR	40.000	5000.000	44.000	5015.000	40.000	5030.000	36.000	5270.000	5270.000	32.000	34.000	5705.000	5270.000
GR	32.000	5090.000	31.000	5150.000	29.000	5210.000	33.000	5590.000	5590.000	34.000	26.000	5925.010	5590.000
GR	35.000	5815.000	36.000	5869.000	35.000	5907.000	26.800	5962.000	5962.000	25.500	25.500	5969.000	5962.000
GR	24.800	5933.000	25.100	5944.000	25.000	5954.000	25.300	5990.000	5990.000	34.000	34.000	6055.000	5990.000
GR	26.000	5975.000	28.000	5977.000	31.900	5989.000	33.000	6185.000	6185.000	48.000	48.000	6195.000	6185.000
GR	35.000	6130.000	36.000	6150.000	40.000	6170.000	44.000	.000	.000	.000	.000	.000	.000
NH	3.000	.100	5000.000	.046	5114.310	.150	6157.200	.000	4685.000	.000	4685.000	.000	5135.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4685.000	.000	4685.000	.000	5135.000

FIRST X-SECTION FOR BRIDGE # B.

X1	18692.000	58.000	5000.000	5114.310	2353.150	2183.150	2242.000	.000	4800.000	.000	36.000	.000	4850.000
X4	1.000	35.500	4590.000	.000	.000	4750.000	36.000	5001.000	5001.000	35.540	32.500	5010.000	5001.000
GR	60.000	4157.000	48.000	4330.000	36.000	4950.000	36.400	5005.000	5005.000	28.300	28.300	5039.250	5005.000
GR	36.000	4900.000	36.000	4950.000	34.200	5002.560	29.200	5030.000	5030.000	28.400	28.400	5050.000	5030.000
GR	35.540	5001.010	34.200	5002.559	29.800	5025.000	28.400	5038.260	5038.260	28.900	28.900	5074.500	5038.260
GR	31.900	5015.000	30.900	5020.000	28.400	5038.250	28.700	5070.000	5070.000	31.300	31.300	5090.000	5070.000
GR	28.400	5037.500	28.400	5040.000	28.400	5040.010	28.700	5076.250	5076.250	31.900	31.900	5112.200	5076.250
GR	28.100	5055.000	28.400	5060.000	27.800	5065.000	28.700	5085.000	5085.000	38.600	38.600	5140.000	5085.000
GR	31.300	5074.510	31.300	5075.250	31.300	5075.260	31.900	5110.000	5110.000	40.000	40.000	5214.000	5110.000
GR	31.900	5077.000	31.900	5077.010	34.400	5080.800	37.200	5164.000	5164.000	40.000	40.000	.000	5164.000
GR	38.400	5095.000	38.200	5100.000	39.500	5105.000	40.800	.000	.000	.000	.000	.000	.000
GR	40.000	5112.210	40.000	5114.300	40.000	5114.310	40.000	.000	.000	.000	.000	.000	.000
GR	44.000	5264.000	48.880	5314.000	60.000	6157.200	.000	.000	.000	.000	.000	.000	.000
NH	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000	.000	.000
NH	3.000	1.000	5000.000	.046	5114.310	.150	6157.200	.000	4690.000	.000	4690.000	.000	5140.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4690.000	.000	4690.000	.000	5140.000
X1	19134.000	.000	.000	.000	442.000	442.000	442.000	.000	43.000	.000	43.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	3.000	.100	5000.000	.046	5114.310	.150	6157.200	.000	27.800	.000	27.800	.000	5130.000
SB	1.050	1.560	2.800	.000	34.620	2.000	1050.000	2.750	4700.000	.000	4700.000	.000	5130.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4700.000	.000	4700.000	.000	5130.000

NH	5.000	.150	5140.000	.110	5280.000	.046	5360.000	.100	6015.000	.150
NH	6105.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5150.000	5905.000

X-SECTION LCF

X1	23320.000	21.000	5280.000	5360.000	2020.000	1980.000	2130.000	.000	.000	.000
GR	60.000	5000.000	55.000	5035.000	50.000	5090.000	48.600	5140.000	45.000	5280.000
GR	40.000	5285.000	35.500	5289.000	35.000	5293.000	34.700	5303.000	34.300	5319.000
GR	34.300	5333.000	34.300	5342.000	35.000	5348.000	35.000	5350.000	40.000	5355.000
GR	45.000	5360.000	46.500	5525.000	47.500	5820.000	50.000	6015.000	55.000	6080.000
GR	60.000	6105.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	3.000	.150	5000.000	.046	5089.000	.160	6415.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5600.000

BOTTOM OF WATER FALLS

X1	24385.000	20.000	5000.000	5089.000	967.500	1307.500	1065.000	.000	.000	.000
GR	75.000	4619.000	70.000	4814.000	65.000	4919.000	60.000	4974.000	55.000	4994.000
GR	50.000	5000.000	34.890	5014.000	33.500	5025.000	33.480	5033.000	33.900	5042.000
GR	31.390	5051.000	31.790	5056.000	33.340	5061.000	34.890	5071.500	47.010	5089.000
GR	48.300	5275.000	49.100	5950.000	50.000	6350.000	55.000	6395.000	60.000	6415.000
NH	3.000	.150	5000.000	.046	5082.000	.160	6415.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5600.000

TOP OF WATER FALLS

X1	24390.000	18.000	5000.000	5082.000	5.000	5.000	5.000	.000	.000	.000
GR	75.000	4619.000	70.000	4814.000	65.000	4919.000	60.000	4974.000	55.000	4994.000
GR	50.000	5000.000	37.650	5015.000	36.810	5025.000	36.550	5045.000	37.210	5055.000
GR	37.550	5065.000	37.650	5076.500	47.400	5082.000	48.300	5275.000	49.100	5950.000
GR	50.000	6350.000	55.000	6395.000	60.000	6415.000	.000	.000	.000	.000
NH	3.000	.180	5440.000	.046	5534.000	.160	6015.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5200.000	5702.000

X-SECTION LCG

X1	25455.000	18.000	5440.000	5534.000	1147.500	997.500	1065.000	.000	.000	.000
GR	60.000	5000.000	55.000	5040.000	50.000	5072.000	49.200	5440.000	41.400	5451.000
GR	39.000	5456.000	37.000	5461.000	36.900	5470.000	38.400	5480.000	38.800	5493.000
GR	38.500	5505.000	39.000	5515.000	42.000	5520.000	48.000	5534.000	47.900	5550.000
GR	50.000	5705.000	55.000	5995.000	60.000	6015.000	.000	.000	.000	.000
NH	4.000	.150	5145.000	.046	5265.000	.095	5500.000	.200	6153.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5145.000	5710.000

X-SECTION LCH

X1	27385.000	25.000	5145.000	5265.000	1962.500	1775.000	1930.000	.000	5145.000	.000	5840.000	.000
GR	70.000	5000.000	65.000	5114.000	55.000	5114.010	55.900	42.500	5221.000	42.500	4973.000	5543.000
GR	41.800	5166.010	41.900	5181.000	42.100	5201.000	41.600	50.000	5500.000	50.000		
GR	43.500	5222.000	55.700	5239.000	55.700	5255.000	50.000	5675.000	5698.000	45.000		
GR	50.000	5610.000	50.000	5646.000	45.000	5651.000	44.000	6083.000	6153.000	65.000		
GR	49.800	5793.000	50.000	5910.000	55.000	6023.000	60.000					
NH	4.000	.150	4991.000	.066	5064.500	.095	5400.000	.200				
ET	.000	.000	.000	.000	.000	.000	.000	9.100				

FIRST X-SECTION FOR # C.

X1	27422.000	38.000	4991.000	5064.500	37.000	37.000	37.000	.000	4845.000	.000	5840.000	.000
GR	75.000	4800.000	70.000	4810.000	65.000	4825.000	60.000	55.970	4855.000	55.970	4973.000	5543.000
GR	55.470	4903.000	56.010	4934.000	53.370	4991.000	50.070	4996.500	5015.000	42.870		
GR	46.770	5000.000	46.060	5002.720	45.470	5005.000	42.870	5035.000	5040.000	41.570		
GR	42.470	5020.000	42.270	5025.000	41.870	5030.000	41.570	5050.010	5055.000	49.270		
GR	43.870	5045.000	46.280	5048.890	46.970	5050.000	48.880	5118.000	5150.000	54.100		
GR	50.000	5064.500	52.000	5084.000	54.000	5096.000	55.300	5560.000	5620.000	50.000		
GR	50.000	5400.000	50.000	5510.000	50.000	5540.000	45.000					
GR	55.000	5720.000	60.000	5800.000	65.000	5840.000	.000	.000				
NC	.000	.000	.000	.300	.500	.000	.000	.000				
NH	4.000	.150	4991.000	.066	5064.500	.095	5400.000	.200				
ET	.000	.000	.000	.000	.000	.000	.000	9.100				
X1	27605.000	.000	.000	.000	208.000	333.000	183.000	.020				
X3	10.000	.000	.000	.000	.000	.000	.000	53.370				
NH	4.000	.150	4991.000	.066	5064.500	.095	5400.000	.200				
ET	.000	.000	.000	.000	.000	.000	.000	9.110				

BRIDGE # C. SEWAGE TREATMENT PLANT.

X1	27606.000	.000	.000	.000	1.000	1.000	1.000	.000	4825.000	.000	5840.000	.000
BT	-38.000	4800.000	75.000	4810.000	4810.000	4810.000	70.000	70.000	4903.000	65.000	4973.000	5543.000
BT	.000	4845.000	60.000	4855.000	4855.000	4855.000	55.970	55.970	4996.500	50.070		
BT	.000	4934.000	56.010	4991.000	4991.000	4991.000	53.370	53.370	5002.720	48.660		
BT	.000	4999.990	48.620	5000.000	5000.000	5000.000	46.770	46.770	5015.000	46.180		
BT	.000	5005.000	48.700	5010.000	5010.000	5010.000	46.150	46.150	5030.000	46.280		
BT	.000	5020.000	48.820	5025.000	5025.000	5025.000	46.170	46.170	5045.000	48.900		
BT	.000	5035.000	48.880	5040.000	5040.000	5040.000	46.300	46.300	5050.010	48.880		
BT	.000	5048.890	48.880	5050.000	5050.000	5050.000	50.000	50.000	5084.000	56.200		
BT	.000	5055.000	49.270	5064.500	5064.500	5064.500	55.270	55.270	5150.000	54.100		
BT	.000	5096.000	59.970	5118.000	5118.000	5118.000	55.300	55.300	5540.000	50.000		
BT	.000	5400.000	50.000	5510.000	5510.000	5510.000	50.000	50.000	5720.000	55.000		
BT	.000	5560.000	45.000	5620.000	5620.000	5620.000	50.000	50.000				
BT	.000	5800.000	60.000	5840.000	5840.000	5840.000	65.000	65.000				

LAST X-SECTION FOR #C.

NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	27614.000	.000	.000	.000	8.000	8.000	8.000	.000	4973.000	5343.000
X2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	27615.000	.000	.000	.000	1.000	1.000	1.000	.000	4973.000	5343.000
X3	10.000	.000	.000	.000	.000	.000	.000	53.370	50.000	.000
QT	7.000	3930.000	5790.000	8520.000	11420.000	14180.000	23150.000	14180.000	5840.000	5343.000
NH	4.000	.150	4991.000	.046	5064.500	.095	5400.000	.200	5840.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4973.000	.000

FIRST X-SECTION FOR PIPE U/S OF S.T.P.

X1	27660.000	.000	.000	.000	45.000	45.000	45.000	.000	.070	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4990.000	5535.000

PIPE, U/S OF THE SEWAGE TREATMENT PLANT

X1	28654.000	23.000	5000.000	5092.000	963.670	1011.160	994.000	.000	55.000	5000.000
GR	75.000	4942.000	70.000	4957.000	65.000	4972.000	60.000	4987.000	55.000	5000.000
GR	49.400	5016.000	48.730	5016.010	44.630	5024.000	44.020	5035.000	44.240	5050.000
GR	43.660	5060.000	43.920	5072.000	44.630	5080.000	49.210	5085.000	49.880	5085.010
GR	54.980	5092.000	54.000	5350.000	53.000	5512.000	55.000	5792.000	60.000	5837.000
GR	65.000	5887.000	70.000	5907.000	75.000	5967.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	5000.000	5560.000
X1	28929.000	.000	.000	.000	275.000	275.000	275.000	.000	49.880	.000
X3	10.000	.000	.000	.000	.000	.000	.000	49.400	49.880	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	5000.000	5560.000

PIPE, U/S OF THE SEWAGE TREATMENT PLANT

X1	28930.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-23.000	4942.000	75.000	4957.000	4957.000	70.000	70.000	4972.000	49.400	49.400
BT	.000	4987.000	60.000	5000.000	5000.000	55.000	55.000	5016.000	49.130	49.400
BT	.000	5016.010	49.400	5050.000	5024.000	49.290	48.620	5035.000	49.130	48.580
BT	.000	5050.000	48.920	5060.000	5060.000	48.520	48.520	5072.000	49.520	48.850
BT	.000	5080.000	49.740	5085.000	5085.000	49.880	49.210	5085.010	49.880	49.890
BT	.000	5092.000	54.980	5350.000	5350.000	54.000	54.000	5512.000	53.000	53.000
BT	.000	5792.000	55.000	5837.000	5837.000	60.000	60.000	5887.000	65.000	65.000
BT	.000	5907.000	70.000	5967.000	5967.000	75.000	75.000	.000	.000	.000

NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	5000.000	5560.000
X1	28931.000	.000	.000	.000	.670	.670	.670	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5560.000
X1	28932.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	49.400	49.880	.000
QT	7.000	3830.000	5640.000	8310.000	11140.000	13840.000	22620.000	13840.000	.000	.000
NH	4.000	.180	5000.000	.046	5092.000	.095	5350.000	.180	5967.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5560.000

LAST X-SECTION FOR PIPE U/S OF S.T.P.

X1	28999.000	.000	.000	.000	67.000	67.000	67.000	.000	.110	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	3.000	.150	5004.000	.048	5107.000	.180	6050.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5004.000	5604.000

X-SECTION ADDED, LC1-1

X1	29965.000	22.000	5004.000	5107.000	956.660	844.160	966.000	.000	.000	.000
GR	95.000	4540.000	72.720	4540.010	70.100	4780.000	57.400	5004.000	51.400	5018.000
GR	46.400	5026.000	45.800	5034.000	45.410	5050.000	45.210	5060.000	46.000	5072.000
GR	47.200	5078.000	48.600	5081.000	53.600	5086.000	54.600	5091.000	57.000	5107.000
GR	54.000	5330.000	55.000	5800.000	60.000	5840.000	65.000	5880.000	70.000	5915.000
GR	75.000	5950.000	85.000	6050.000	.000	.000	.000	.000	.000	.000
NH	3.000	.150	5236.000	.048	5327.000	.180	5830.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5236.000	5606.000

X-SECTION LC1

X1	31000.000	19.000	5236.000	5327.000	1075.000	1055.000	1035.000	.000	.000	.000
GR	75.000	5000.000	70.000	5205.000	65.000	5215.000	60.000	5229.000	56.130	5236.000
GR	48.000	5249.000	47.240	5254.000	47.140	5262.000	46.790	5282.000	48.000	5292.000
GR	50.000	5300.000	55.000	5305.000	57.640	5327.000	60.000	5360.000	60.000	5585.000
GR	60.000	5720.000	65.000	5775.000	70.000	5800.000	75.000	5830.000	.000	.000
NH	3.000	.150	5065.000	.048	5165.000	.180	5650.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5065.000	5395.000

X-SECTION #2 FROM C.O.E. NOV. 1977 RECONNAISSANCE STUDY

X1	31300.000	15.000	5065.000	5165.000	275.000	337.500	300.000	.000	.000	.000
GR	90.000	4910.000	75.000	4911.000	75.000	4950.000	69.000	5000.000	67.300	5065.000
GR	46.200	5090.000	48.000	5120.000	46.000	5140.000	46.500	5150.000	60.200	5165.000
GR	58.700	5200.000	58.000	5300.000	60.000	5525.000	65.000	5570.000	80.000	5650.000

QT 7.000 3390.000 4970.000 7320.000 9880.000 12190.000 19880.000 12190.000 .000
 NH 4.000 .150 5000.000 .048 5075.000 .085 5540.000 .200 6000.000 .000
 ET .000 .000 .000 .000 .000 .000 .000 9.100 5000.000 5385.000

FIRST X-SECTION FOR BRIDGE D

X1 32381.000 24.000 5000.000 5075.000 1000.500 1225.500 1081.000 .000 .130 .000
 GR 74.870 4766.500 70.000 4920.000 65.000 5000.000 60.000 5015.000 55.000 5025.000
 GR 52.200 5030.000 48.600 5033.770 47.700 5037.550 48.810 5038.080 46.100 5041.320
 GR 41.500 5045.100 48.900 5049.330 48.300 5050.610 50.500 5052.650 50.800 5056.420
 GR 52.500 5058.910 55.800 5059.900 56.700 5060.200 60.000 5075.000 60.000 5300.000
 GR 60.000 5520.000 65.000 5540.000 70.000 5580.000 75.000 6000.000 .000 .000

NC .000 .000 .000 .300 .500 .000 .000 .000 .000 .000
 NH 3.000 .150 5000.000 .048 5183.000 .085 5426.500 .000 5000.000 5235.000
 ET .000 .000 .000 .000 .000 .000 .000 9.100 5000.000 .000
 X1 32692.000 48.000 5000.000 5083.000 311.000 311.000 311.000 .000 71.410 .000
 X3 10.000 .000 .000 .000 .000 .000 .000 68.550 .000 .000
 GR 75.000 4766.500 70.840 4970.000 62.000 5000.000 61.200 5002.000 61.200 5002.010
 GR 61.100 5005.000 61.300 5010.000 58.400 5014.500 57.100 5014.940 57.100 5014.950
 GR 57.100 5015.800 57.100 5015.810 55.400 5020.000 53.700 5025.000 52.600 5027.690
 GR 52.600 5027.700 50.900 5028.550 50.900 5028.560 50.200 5030.000 48.600 5035.000
 GR 47.700 5040.000 48.100 5040.690 48.100 5040.700 48.100 5041.550 48.100 5041.560
 GR 46.100 5045.000 47.500 5050.000 48.300 5056.440 48.300 5056.450 48.300 5057.300
 GR 48.300 5057.310 50.500 5060.000 50.800 5065.000 52.600 5068.290 52.600 5068.300
 GR 52.600 5069.310 52.600 5069.160 56.700 5070.000 60.000 5075.000 61.300 5080.000
 GR 63.300 5080.390 63.300 5080.400 64.000 5083.000 71.150 5133.000 71.410 5183.000
 GR 71.600 5233.000 71.410 5283.000 75.000 5426.500 .000 .000 .000 .000

BRIDGE D. SOUTHERN R.R. AT BROYHILL.

NH 3.000 .150 5000.000 .048 5183.000 .085 5426.500 .000 4990.000 5090.000
 ET .000 .000 .000 .000 .000 .000 .000 9.100 5000.000 .000
 X1 32693.000 48.000 5000.000 5083.000 1.000 1.000 1.000 .000 71.060 .000
 BT 48.000 4766.500 75.000 4970.000 70.840 70.840 70.840 5000.000 71.060 62.000
 BT .000 5002.000 71.070 5002.010 5014.500 5014.940 5014.940 5015.810 5015.810 5014.950
 BT .000 5010.000 71.090 5015.800 5015.800 5015.810 5015.810 5015.810 5015.810 5015.810
 BT .000 5020.000 71.110 5025.000 5025.000 5025.000 5025.000 5027.690 5027.690 5027.690
 BT .000 5027.700 71.120 5028.550 5028.550 5028.560 5028.560 5028.560 5028.560 5028.560
 BT .000 5030.000 71.120 5035.000 5035.000 5040.000 5040.000 5040.000 5040.000 5040.000
 BT .000 5040.690 71.140 5040.700 5040.700 5041.550 5041.550 5041.550 5041.550 5041.550
 BT .000 5041.560 71.130 5045.000 5045.000 5050.000 5050.000 5050.000 5050.000 5050.000
 BT .000 5056.440 71.110 5056.450 5056.450 5065.000 5065.000 5065.000 5065.000 5065.000
 BT .000 5057.310 71.110 5060.000 5060.000 5069.150 5069.150 5069.150 5069.150 5069.150
 BT .000 5068.290 71.120 5068.300 5068.300 5075.000 5075.000 5075.000 5075.000 5075.000
 BT .000 5069.160 71.120 5070.000 5070.000 5080.400 5080.400 5080.400 5080.400 5080.400
 BT .000 5083.000 71.030 5133.000 5133.000 5183.000 5183.000 5183.000 5183.000 5183.000
 BT .000 5233.000 71.600 5283.000 5283.000 5426.500 5426.500 5426.500 5426.500 5426.500
 GR 75.000 4766.500 70.840 4970.000 5000.000 5000.000 5000.000 5002.000 61.200 5002.010

LAST X-SECTION FOR D.
FIRST X-SECTION FOR E.

GR	61.100	5005.000	61.300	5010.000	58.400	5014.500	57.100	5014.940	57.100	5014.950
GR	57.100	5015.800	57.100	5015.810	55.400	5020.000	53.700	5025.000	52.600	5027.690
GR	52.600	5027.700	50.900	5028.550	50.900	5028.560	50.200	5030.000	48.600	5035.000
GR	47.700	5040.000	48.100	5040.690	48.100	5040.700	48.100	5041.550	48.100	5041.560
GR	46.100	5045.000	47.500	5050.000	48.300	5056.440	48.300	5056.450	48.300	5057.300
GR	48.300	5057.310	50.500	5060.000	50.800	5065.000	52.600	5068.290	52.600	5068.300
GR	52.600	5069.150	52.600	5069.160	56.700	5070.000	60.000	5075.000	61.300	5080.000
GR	63.300	5080.390	63.300	5080.400	64.000	5083.000	71.150	5133.000	71.410	5183.000
GR	71.600	5233.000	71.410	5283.000	75.000	5426.500	.000	.000	.000	.000
NH	3.000	.150	5000.000	.048	5183.000	.085	5426.500	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	32718.000	.000	.000	.000	25.000	25.000	25.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	3.000	.150	5000.000	.048	5183.000	.085	5426.500	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	32719.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	68.550	.000	71.410	.000
NH	3.000	.110	5010.000	.048	5070.000	.085	5090.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5090.000
X1	32796.000	20.000	5010.000	5070.000	77.000	77.000	77.000	.000	.000	.000
GR	75.000	4999.000	70.000	5000.000	65.000	5010.000	60.000	5020.000	54.500	5030.000
GR	50.900	5033.770	50.000	5037.550	51.110	5038.080	48.400	5041.320	49.800	5045.100
GR	51.200	5049.330	50.600	5052.610	52.800	5052.650	53.100	5056.420	54.900	5058.910
GR	58.100	5059.900	59.000	5060.200	65.000	5070.000	70.000	5085.000	75.000	5090.000
NH	4.000	.150	5000.000	.048	5135.510	.085	5900.000	.200	6862.500	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5135.510
X1	32875.000	48.000	5000.000	5135.510	80.850	55.850	79.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	71.680	.000	71.100	.000
X4	1.000	80.000	4465.000	.000	.000	.000	.000	.000	.000	.000
GR	85.000	4317.500	75.000	4695.000	70.000	4730.000	65.000	4800.000	57.400	5000.000
GR	57.400	5000.010	55.600	5005.000	51.500	5010.000	50.900	5015.000	51.500	5020.000
GR	51.700	5025.000	51.600	5030.000	52.000	5035.000	52.100	5040.000	52.500	5044.000
GR	52.500	5044.010	52.500	5045.500	52.900	5045.510	51.500	5050.000	52.100	5055.000
GR	52.000	5060.000	52.200	5065.000	52.900	5070.000	52.700	5075.000	52.400	5080.000
GR	52.100	5085.000	51.800	5089.000	51.800	5089.010	51.800	5090.500	51.800	5090.510
GR	52.200	5095.000	55.600	5100.000	57.400	5105.000	58.400	5110.000	60.100	5115.500
GR	61.800	5120.000	63.700	5125.000	65.000	5130.000	65.000	5135.000	65.000	5135.500
GR	65.000	5135.510	65.000	5169.000	66.000	5219.000	67.000	5269.000	70.000	5319.000
GR	72.000	5900.000	76.400	6350.000	80.000	6862.500	.000	.000	.000	.000
NH	4.000	.150	5000.000	.048	5135.510	.085	5900.000	.200	6862.500	.000
SB	1.050	1.560	2.600	.000	80.887	2.000	2043.000	1.420	50.900	50.900
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5000.000	5135.510

X1	33995.000	21.000	5000.000	5088.000	335.000	335.000	.000	335.000	.000	.120	.000
X4	2.000	64.880	4794.000	70.220	5194.000	.000	.000	.000	.000	.000	.000
GR	80.000	4346.000	75.000	4376.000	70.000	4396.000	4451.000	65.000	65.000	65.000	4861.000
GR	66.000	4936.000	69.000	5000.000	63.140	5010.000	5010.010	62.470	54.640	54.640	5019.000
GR	54.100	5037.000	54.020	5047.000	54.640	5063.000	5073.000	63.040	63.710	63.710	5073.010
GR	72.000	5088.000	70.000	5216.000	70.000	5806.000	5866.000	73.000	75.000	75.000	5956.000
GR	80.000	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	.085	5088.000	5194.000	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	34246.000	.000	.000	.000	251.000	251.000	9.100	4650.000	4650.000	4650.000	5100.000
X3	10.000	.000	.000	.000	.000	.000	.000	.120	.120	.120	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	.085	5088.000	5194.000	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

PIPE D/S OF FAIRVIEW

X1	34247.000	.000	.000	.000	1.000	1.000	.000	1.000	.000	.000	.000
BT	-21.000	4346.000	80.000	80.000	4376.000	75.000	.000	75.000	.000	.000	70.000
BT	.000	4451.000	65.000	65.000	4861.000	65.000	.000	65.000	.000	.000	66.000
BT	.000	5000.000	69.000	69.000	5010.000	63.140	.000	63.140	.000	.000	62.470
BT	.000	5019.000	63.220	62.550	5037.000	62.710	.000	62.710	.000	.000	62.800
BT	.000	5063.000	63.620	62.950	5073.000	63.710	.000	63.710	.000	.000	63.710
BT	.000	5088.000	72.000	72.000	5073.000	70.000	.000	70.000	.000	.000	70.000
BT	.000	5866.000	73.000	73.000	5956.000	75.000	.000	75.000	.000	.000	80.000
NH	5.000	.180	4794.000	.110	5000.000	.048	.085	5088.000	5194.000	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	34248.000	.000	.000	.000	.670	.670	.000	.670	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	.085	5088.000	5194.000	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	34249.000	.000	.000	.000	1.000	1.000	.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.300	.300	.000	.300	.000	.000	.000
NH	5.000	.180	4794.000	.110	5000.000	.048	.085	5088.000	5194.000	5194.000	100.000
NH	6326.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

LAST X-SECTION FOR PIPE D/S OF FAIRVIEW

NH	4.000	100.000	4850.000	.120	5000.000	.048	5077.200	.150	6163.600	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4860.000	5320.000

LAST X-SECTION FOR #F.

X1	35171.000	.000	.000	.000	70.500	70.500	70.500	.000	.190	.000
QT	7.000	2600.000	3810.000	5590.000	7480.000	9330.000	15130.000	9330.000	.000	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NK	5.000	100.000	5510.000	.110	5660.000	.048	5730.000	.085	5920.000	100.000
NH	7035.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5425.000	5885.000

X-SECTION #8 FROM C.O.E. NOV. 1977 RECONNAISSANCE STUDY

X1	35310.000	15.000	5660.000	5730.000	139.000	139.000	139.000	.000	.000	.000
GR	86.000	5000.000	71.200	5020.000	67.300	5100.000	67.500	5220.000	64.600	5235.000
GR	63.300	5300.000	65.000	5510.000	65.600	5660.000	57.500	5675.000	56.000	5700.000
GR	57.100	5725.000	68.000	5730.000	76.000	5920.000	75.000	6180.000	80.000	7035.000
NH	5.000	.150	5130.000	.110	5415.000	.048	5579.000	.085	6090.000	100.000
NH	7229.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5167.000	5647.000

X-SECTION LCK

X1	35460.000	25.000	5415.000	5579.000	149.500	124.500	150.000	.000	.000	.000
X4	1.000	80.000	5000.000	.000	.000	.000	.000	.000	.000	.000
GR	85.000	4927.000	75.000	5025.000	70.000	5060.000	68.000	5130.000	65.000	5415.000
GR	60.240	5504.000	58.040	5512.000	57.000	5520.000	56.390	5524.000	55.800	5532.000
GR	56.270	5341.000	55.940	5550.000	55.190	5557.000	57.000	5560.000	58.190	5566.000
GR	65.440	5579.000	65.540	5594.000	70.000	6072.000	75.000	6090.000	75.000	6260.000
GR	78.000	6769.990	88.000	6770.000	88.000	6920.000	79.000	6920.010	80.000	7229.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000

FIRST X-SECTION FOR # G.

X1	35829.000	34.000	4988.000	5063.000	368.000	293.000	369.000	.000	-.330	.000
X4	1.000	79.670	4560.000	.000	.000	.000	.000	.000	.000	.000
GR	85.000	4165.500	75.000	4800.000	70.000	4940.000	66.200	4988.000	66.200	4988.010
GR	65.300	4992.700	65.300	4992.710	63.600	5000.000	60.200	5005.000	59.500	5010.000
GR	58.970	5015.000	57.300	5015.010	57.200	5020.000	57.500	5025.000	57.500	5030.000
GR	57.000	5035.000	57.300	5040.000	57.500	5045.000	58.200	5050.000	59.000	5052.000
GR	59.100	5052.010	61.000	5055.000	65.400	5060.000	69.300	5063.000	72.500	5102.000
GR	73.100	5152.000	73.390	5187.000	76.000	5420.000	77.000	5590.000	77.000	5639.990
GR	95.000	5640.000	95.000	5940.000	78.000	5940.010	80.000	7060.000	.000	.000

NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000
X1	36028.000	.000	.000	.000	199.000	199.000	199.000	.000	.330	.000
X3	10.000	.000	.000	.000	.000	.000	.000	63.600	69.300	.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4688.000	5138.000

BRIDGE G. STEEL WALKING PIPE (STEEL STRUCTURE)

X1	36029.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-32.000	4165.500	85.000	85.000	4560.000	80.000	80.000	4800.000	75.000	75.000
BT	.000	4940.000	70.000	70.000	4988.000	66.200	66.200	4988.010	68.580	66.200
BT	.000	4992.700	68.380	65.300	4992.710	65.300	65.300	5000.000	63.250	63.500
BT	.000	5005.000	66.350	60.200	5010.000	68.100	59.500	5015.000	68.100	58.970
BT	.000	5015.010	68.100	58.970	5020.000	68.100	58.990	5025.000	68.120	59.000
BT	.000	5030.000	63.230	59.070	5035.000	68.390	59.030	5040.000	68.550	59.050
BT	.000	5045.000	68.040	59.070	5050.000	66.300	59.090	5052.000	65.610	59.100
BT	.000	5052.010	65.610	59.100	5055.000	65.610	61.000	5060.000	65.610	65.430
BT	.000	5063.000	60.300	69.300	5102.000	72.500	72.500	5152.000	73.100	73.100
BT	.000	5187.000	73.390	77.000	5420.000	95.000	79.000	5590.000	77.000	77.000
BT	.000	5639.990	77.000	77.000	5640.000	95.000	95.000	.000	.000	.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.110	4688.000	5138.000
X1	36643.000	.000	.000	.000	14.000	14.000	14.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000
X1	36044.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	63.600	69.300	.000
NH	5.000	.150	4800.000	.110	4988.000	.048	5063.000	.085	5590.000	100.000
NH	7060.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4688.000	5138.000

LAST X-SECTION FOR G.

X1	36093.000	.000	.000	.000	49.000	49.000	49.000	.000	.190	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.150	5900.000	.110	6035.000	.048	6112.000	.085	6300.000	100.000
NH	6820.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	5645.000	6105.000

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X-SECTION #9 FROM C.O.E. NOV. 1977 RECONNAISSANCE STUDY

X1	36260.000	16.000	6035.000	6112.000	167.000	142.000	167.000	.000	5800.000	66.000	5900.000
GR	85.000	5400.000	80.000	5580.000	75.000	5720.000	65.200	.000	6069.000	57.600	6093.000
GR	66.600	6000.000	68.200	6035.000	57.100	6045.000	76.600	.000	6400.000	76.400	6500.000
GR	72.700	6112.000	77.700	6125.000	77.600	6300.000	.000	.000	.000	.000	.000
GR	78.000	6820.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	.150	4742.500	.110	5000.000	.048	5073.000	.085	.085	5400.000	100.000
NH	5527.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	9.100	4623.000	5073.000

1' D/S OF RETAINING WALL.

X1	36385.000	23.000	5000.000	5073.000	125.000	125.000	125.000	.000	4512.500	66.000	4742.500
GR	85.000	4452.500	80.000	4472.500	75.000	4497.500	70.000	.000	5025.000	58.020	5035.000
GR	67.440	5000.000	58.660	5010.000	57.840	5015.000	53.100	.000	5060.000	80.440	5073.000
GR	57.140	5042.000	58.660	5045.000	61.700	5052.000	71.020	.000	5257.510	70.000	5357.000
GR	80.000	5132.500	95.000	5132.510	95.000	5257.500	77.000	.000	.000	.000	.000
GR	77.000	5400.000	77.000	5526.990	95.000	5527.000	.000	.000	.000	.000	.000
NH	5.000	.150	4742.500	.110	5000.000	.048	5073.000	.085	.085	5400.000	100.000
NH	5527.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	9.100	4623.000	5073.000
X1	36386.000	24.000	5000.000	5073.000	1.000	1.000	1.000	.000	4512.500	66.000	4742.500
GR	85.000	4452.500	80.000	4472.500	75.000	4497.500	70.000	.000	5025.000	58.020	5035.000
GR	67.440	5000.000	58.660	5010.000	57.840	5015.000	58.100	.000	5060.000	80.440	5073.000
GR	57.140	5042.000	58.660	5045.000	61.700	5052.000	70.200	.000	5257.510	71.020	5357.000
GR	80.440	5073.000	80.000	5132.500	95.000	5132.510	95.000	.000	5257.500	77.000	5257.510
GR	70.000	5357.000	77.000	5400.000	77.000	5526.990	95.000	.000	5527.000	.000	.000
NH	5.000	.150	4840.000	.110	5000.000	.048	5068.000	.085	.085	5350.000	100.000
NH	5467.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	9.100	4618.000	5068.000

MIDDLE OF RETAINING WALL.

X1	36655.000	24.000	5000.000	5068.000	281.000	271.000	269.000	.000	4672.000	65.000	4677.000
GR	85.000	3822.000	80.000	3977.000	75.000	4102.000	70.000	.000	5000.000	58.770	5014.520
GR	65.000	4702.000	66.000	4840.000	66.000	4922.000	67.530	.000	5046.000	69.230	5046.010
GR	57.770	5018.000	57.870	5028.000	58.230	5038.000	58.230	.000	5247.000	77.000	5247.010
GR	80.440	5068.000	80.000	5122.000	95.000	5122.010	95.000	.000	5467.000	.000	.000
GR	70.000	5327.000	77.000	5350.000	77.000	5466.990	95.000	.000	.000	.000	.000
NH	5.000	.150	4790.000	.110	5000.000	.048	5065.000	.085	.085	5335.000	100.000
NH	5437.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	9.100	4615.000	5065.000
X1	36924.000	20.000	5000.000	5065.000	269.000	269.000	269.000	.000	4612.000	65.000	4622.000
GR	85.000	3777.000	80.000	3932.000	75.000	4057.000	70.000	.000	5000.000	59.160	5010.000
GR	65.000	4642.000	66.000	4790.000	66.000	4872.000	67.530	.000	5050.010	72.800	5065.000
GR	58.490	5030.000	59.160	5045.000	60.660	5050.000	70.160	.000	5437.490	95.000	5437.500
GR	75.000	5072.500	76.000	5187.500	77.000	5335.000	77.000	.000	.000	.000	.000

1' U/S OF RETAINING WALL.
FIRST X-SECTION FOR PIPE D/S OF VIRGINIA

NH	5.000	.150	4790.000	.110	5000.000	.048	5065.000	.085	5335.000	100.000
NH	5437.500	.000	.000	.000	.000	.000	.000	.000	4615.000	5065.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	36925.000	19.000	5000.000	5065.000	1.000	1.000	1.000	.000	.000	.000
GR	85.000	3777.000	80.000	3932.000	75.000	4057.000	70.000	4612.000	65.000	4622.000
GR	65.000	4662.000	66.000	4790.000	60.660	4872.000	67.530	5000.000	59.160	5010.000
GR	58.490	5030.000	59.160	5045.000	5050.000	5050.000	5065.000	75.000	75.000	5072.500
GR	75.000	5187.500	77.000	5335.000	77.000	5437.490	95.000	5437.500	.000	.000
NC	.000	.000	.000	.350	.500	.000	.000	.000	.000	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4605.000	5105.000
X1	37179.000	27.000	5000.000	5100.000	214.500	257.000	254.000	9.100	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	65.750	.000
X4	1.000	.000	.000	.000	.000	.000	.000	.000	65.750	.000
GR	80.000	3950.000	68.000	4800.000	70.000	4850.000	70.000	4900.000	70.000	4950.000
GR	73.330	5000.000	70.320	5010.000	65.620	5035.000	64.370	5035.010	60.500	5050.000
GR	59.900	5055.000	59.700	5060.000	59.400	5065.000	59.000	5070.000	59.000	5075.000
GR	59.800	5080.000	60.300	5085.000	61.600	5090.000	64.500	5095.000	65.750	5095.010
GR	70.000	5100.000	69.400	5105.000	69.900	5110.000	72.100	5115.000	73.200	5120.000
GR	77.450	5150.000	80.000	5365.000	.000	.000	.000	.000	.000	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4605.000	5105.000

PIPE D/S OF VIRGINIA

X1	37180.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-19.000	3950.000	80.000	80.000	4000.000	425.000	75.000	4800.000	68.000	68.000
BT	.000	4850.000	70.000	70.000	4900.000	70.000	70.000	4950.000	70.000	70.000
BT	.000	5000.000	73.330	73.330	5010.000	70.320	64.500	5035.000	65.620	65.620
BT	.000	5035.010	65.620	64.370	5095.000	65.750	64.500	5095.010	65.750	65.750
BT	.000	5100.000	70.000	70.000	5105.000	69.400	69.900	5110.000	69.900	69.900
BT	.000	5115.000	72.100	72.100	5120.000	73.200	73.200	5150.000	77.450	77.450
BT	.000	5365.000	80.000	80.000	.000	.000	.000	.000	.000	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4605.000	5105.000
X1	37181.000	.000	.000	.000	1.250	1.250	1.250	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	4.000	.150	4800.000	.110	5000.000	.048	5100.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	4605.000	5105.000
X1	37182.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	65.620	65.750	.000

NH	4.000	.150	4800.000	.110	5000.000	.848	5120.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4664.000	5160.000
X1	37272.000	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	74.170	76.210	.000
NH	4.000	.150	4800.000	.110	5000.000	.848	5120.000	.085	5365.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	9.100	4664.000	5160.000

LAST X-SECTION FOR VIRGINIA AVE.

X1	37391.000	.000	.000	.000	119.000	119.000	119.000	.000	.320	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000
NH	6.000	.150	5380.000	.110	5552.500	.048	5621.500	.085	5705.000	100.000
NH	5830.000	100.000	5830.010	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	10.310	.000	.000

X-SECTION LCL & FIRST X-SECTION FOR # 1, R.R.

X1	37740.000	27.000	5552.500	5621.500	446.750	334.250	349.000	.000	.000	.000
GR	85.000	5000.000	80.000	5030.000	75.000	5095.000	70.000	5115.000	67.000	5380.000
GR	67.970	5552.500	67.470	5557.500	63.470	5354.500	61.870	5572.500	61.870	5577.500
GR	61.870	5582.500	61.470	5587.500	60.870	5592.500	60.670	5593.500	59.570	5597.500
GR	57.870	5602.500	58.170	5607.500	60.070	5613.500	64.670	5617.500	68.670	5621.500
GR	68.370	5627.500	45.000	5652.000	70.000	5690.000	75.000	5705.000	78.000	5740.000
GR	78.000	5830.000	98.000	5830.010	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	2.000	.048	5461.500	.085	5581.500	.000	.000	.000	.000	.000
X1	38285.000	80.000	5000.000	5481.500	490.500	545.500	545.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	84.760	83.060	.000
GR	82.260	5000.000	81.300	5005.000	80.700	5010.000	74.500	5023.500	74.500	5023.510
GR	74.500	5026.500	74.500	5026.510	71.300	5035.000	70.500	5045.000	70.400	5055.000
GR	71.800	5072.500	71.800	5072.510	71.800	5077.500	71.800	5077.510	71.300	5085.000
GR	71.100	5095.000	70.900	5105.000	70.600	5115.000	70.500	5123.500	70.500	5123.510
GR	70.500	5127.500	70.500	5127.510	70.500	5135.000	70.500	5145.000	69.900	5155.000
GR	69.300	5170.000	69.000	5173.500	69.000	5173.510	69.000	5176.500	69.000	5176.510
GR	68.900	5180.000	66.500	5195.000	65.600	5199.500	65.600	5199.510	65.600	5200.500
GR	65.600	5200.510	64.800	5205.000	63.500	5212.500	63.500	5212.510	63.500	5215.500
GR	63.500	5215.510	62.700	5220.000	61.900	5225.000	61.500	5230.000	62.000	5240.000
GR	62.160	5245.000	63.300	5250.000	65.400	5255.000	68.460	5260.000	69.160	5265.000
GR	69.360	5270.000	69.160	5277.500	69.160	5277.510	69.160	5280.500	69.160	5280.510
GR	69.360	5290.000	69.160	5300.000	69.460	5310.000	69.460	5319.500	69.460	5319.510
GR	69.460	5318.500	69.460	5318.510	69.860	5325.000	69.860	5329.500	69.860	5329.510
GR	69.860	5330.500	69.860	5330.510	70.060	5335.000	70.060	5340.000	70.360	5350.000
GR	70.760	5353.500	70.760	5353.510	70.760	5356.500	70.760	5356.510	71.560	5365.000
GR	73.460	5370.000	74.260	5375.000	81.200	5381.500	83.060	5481.500	83.060	5581.500

THIS RUN EXECUTED 01-31-86 03:23:34

 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

LOWER CREEK,

SUMMARY PRINTOUT

SECHO	XLCH	CWSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
1750.000	.00	28.41	9.80	5164.53	.00	5950.00	6015.00	.00	6744.15	1580.43
3640.000	1890.00	30.48	11.80	5019.04	.00	5785.50	5873.50	.00	7185.49	2166.45
4680.000	1040.00	32.13	12.90	5569.69	.00	5678.50	5746.00	.00	6337.69	768.01
5635.600	955.60	33.22	13.33	4628.52	.00	4980.00	5095.00	.00	5703.90	1075.38
5918.600	283.00	33.30	13.50	4630.85	.00	4980.00	5095.00	.00	5703.01	1072.15
5919.600	1.00	33.27	13.50	4631.56	.00	4950.00	5121.00	.00	5702.74	1071.18
5940.400	20.80	33.31	13.50	4630.71	.00	4950.00	5121.00	.00	5703.06	1072.35
5941.400	1.00	33.42	13.50	4627.84	.00	4980.00	5095.00	.00	5704.16	1076.31
6011.400	70.00	33.46	13.54	4627.66	.00	4980.00	5095.00	.00	5704.23	1076.57
9750.000	3739.10	34.32	15.80	5131.84	.00	5897.50	5987.50	.00	6416.34	1284.50
11287.000	1537.00	34.61	17.86	4595.80	.00	5000.00	5081.00	.00	5774.44	1178.64
13337.000	2050.00	35.89	20.62	3224.50	.00	5000.00	5084.00	.00	5134.58	1910.08
15288.000	1951.00	38.64	23.24	5000.00	.00	5647.50	5707.50	.00	6283.07	1283.07
16450.000	1162.00	40.51	24.80	5028.09	.00	5907.00	5989.00	.00	6171.91	1143.81
18692.000	2242.00	43.10	27.30	4425.35	.00	5000.00	5114.31	.00	5258.99	833.65
19134.000	442.00	43.75	27.80	4422.11	.00	5000.00	5114.31	.00	5260.86	838.75
19164.000	29.70	47.16	27.80	4348.25	.00	5000.00	5114.31	.00	5296.35	948.10

SECNO	XLCH	CWSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
19274.000	110.00	47.20	27.98	4351.14	.00	5000.00	5114.31	.00	5294.99	943.85
21190.000	1916.00	48.61	30.75	5021.25	.00	6550.00	5530.00	.00	6920.24	1898.99
23320.000	2130.00	51.42	34.30	5074.39	.00	5280.00	5360.00	.00	6033.44	959.05
24385.000	1065.00	53.20	31.39	4996.15	.00	5000.00	5089.00	.00	6378.84	1382.68
24390.000	5.00	53.16	36.55	4996.21	.00	5000.00	5082.00	.00	6378.42	1382.20
25455.000	1065.00	55.09	36.90	5039.30	.00	5440.00	5734.00	.00	5995.35	956.05
27385.000	1930.00	58.26	41.50	5114.01	.00	5145.00	5265.00	.00	6062.11	948.10
27422.000	37.00	58.14	41.59	4849.67	.00	4991.00	5064.50	.00	5769.86	920.19
27605.000	183.00	58.74	41.57	4848.14	.00	4991.00	5064.50	.00	5779.78	931.65
27606.000	1.00	59.00	41.57	4847.48	.00	4991.00	5064.50	.00	5784.01	936.53
27614.000	8.00	59.02	41.57	4847.44	.00	4991.00	5064.50	.00	5784.28	936.85
27615.000	1.00	58.94	41.57	4847.64	.00	4991.00	5064.50	.00	5782.97	935.33
27660.000	45.00	59.08	41.64	4847.46	.00	4991.00	5064.50	.00	5784.13	936.67
28554.000	994.00	60.24	43.06	4985.08	.00	5000.00	5092.00	.00	5843.39	858.30
28929.000	275.00	60.57	43.46	4985.25	.00	5000.00	5092.00	.00	5842.74	857.46
28930.000	1.00	60.84	43.46	4984.49	.00	5000.00	5092.00	.00	5845.37	860.88
28931.000	.67	60.84	43.46	4984.49	.00	5000.00	5092.00	.00	5845.38	860.89
28932.000	1.00	60.75	43.46	4984.76	.00	5000.00	5092.00	.00	5844.46	859.70
28999.000	67.00	60.84	43.57	4984.79	.00	5000.00	5092.00	.00	5844.38	859.59
29965.000	966.00	61.98	45.21	4923.15	.00	5004.00	5107.00	.00	5855.87	932.72
31000.000	1035.00	63.63	46.79	5218.82	.00	5236.00	5327.00	.00	5759.98	541.15
31300.000	300.00	65.09	46.00	5067.61	.00	5065.00	5165.00	.00	5570.51	502.89
32381.000	1081.00	67.31	46.23	4965.26	.00	5000.00	5075.00	.00	5557.37	592.10
32692.000	311.00	67.23	46.10	5000.00	.00	5000.00	5083.00	.00	5083.00	83.00
32693.000	1.00	67.04	46.10	4982.89	.00	5000.00	5083.00	.00	5104.27	121.38
32718.000	25.00	67.28	46.10	4982.09	.00	5000.00	5083.00	.00	5105.92	123.83

SECNO	XLCH	CWSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
32719.000	1.00	67.93	46.10	5000.00	.00	5000.00	5083.00	.00	5083.00	83.00
32796.000	77.00	67.02	48.40	5005.96	.00	5010.00	5070.00	.00	5076.05	70.09
32875.000	79.00	73.74	50.90	4708.82	.00	5000.00	5135.51	.00	6078.32	1369.50
32907.000	32.30	73.89	50.90	4707.19	.00	5000.00	5135.51	.00	6093.52	1386.33
32919.000	12.00	73.89	50.90	4707.16	.00	5000.00	5105.01	.00	6013.76	1386.60
32931.000	12.00	73.89	50.90	4707.18	.00	5000.00	5105.01	.00	6013.57	1386.39
32932.000	1.00	73.97	50.90	4706.32	.00	5000.00	5105.01	.00	6101.60	1395.28
32933.000	.67	73.97	50.90	4706.31	.00	5000.00	5105.01	.00	6101.62	1395.30
32934.000	1.00	73.94	50.90	4706.63	.00	5000.00	5105.01	.00	6098.66	1392.02
33041.000	107.00	73.96	51.47	4712.64	.00	5000.00	5105.01	.00	6042.84	1330.20
33650.000	619.00	74.22	53.75	5004.19	.00	5905.00	5975.00	.00	6762.24	1758.05
33995.000	335.00	74.29	53.90	4378.34	.00	5000.00	5088.00	.00	5929.63	1551.28
34246.000	251.00	74.45	54.02	4378.19	.00	5000.00	5088.00	.00	5931.40	1553.21
34247.000	1.00	74.56	54.02	4377.75	.00	5000.00	5088.00	.00	5936.33	1558.58
34248.000	.67	74.56	54.02	4377.75	.00	5000.00	5088.00	.00	5936.36	1558.61
34249.000	1.00	74.52	54.02	4377.90	.00	5000.00	5088.00	.00	5934.58	1556.68
34311.000	62.00	74.56	54.09	4378.01	.00	5000.00	5088.00	.00	5933.42	1555.42
34784.000	473.00	74.67	54.65	4673.15	.00	5000.00	5077.20	.00	5560.65	887.50
35069.000	285.00	75.15	55.00	4672.06	.00	5000.00	5077.20	.00	5564.58	892.52
35101.000	32.00	75.29	55.00	4670.91	.00	5000.00	5077.20	.00	5568.71	897.79
35171.000	70.50	75.38	55.19	4671.74	.00	5000.00	5077.20	.00	5565.75	894.01
35310.000	139.00	75.60	56.00	5014.05	.00	5660.00	5730.00	.00	6283.40	1157.17
35460.000	150.00	75.87	55.80	5020.67	.00	5415.00	5579.00	.00	6407.26	1386.60
35829.000	369.00	75.79	56.67	4746.47	.00	4988.00	5063.00	.00	5439.58	693.11
36028.000	199.00	75.99	57.00	4752.62	.00	4988.00	5063.00	.00	5418.85	666.23
36029.000	1.00	76.13	57.00	4745.74	.00	4988.00	5063.00	.00	5442.18	696.44

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SECNO	XLCH	CWSEL	ELMIN	SSTA	STENCL	STCHL	STCHR	STENCR	ENDST	TOPWID
36043.000	14.00	76.23	57.00	4741.01	.00	4988.00	5063.00	.00	5458.93	717.92
36044.000	1.00	76.15	57.00	4744.98	.00	4988.00	5063.00	.00	5444.85	699.86
36093.000	49.00	76.18	57.19	4752.39	.00	4988.00	5063.00	.00	5419.28	666.89
36260.000	167.00	76.60	56.90	5675.18	.00	6035.00	6112.00	.00	6540.12	587.13
36385.000	125.00	76.77	57.14	4488.66	.00	5000.00	5073.00	.00	5398.58	717.06
36386.000	1.00	76.78	57.14	4488.65	.00	5000.00	5073.00	.00	5398.58	717.07
36655.000	269.00	76.93	57.77	4053.77	.00	5000.00	5068.00	.00	5349.77	1109.30
36924.000	269.00	77.05	58.49	4005.50	.00	5000.00	5065.00	.00	5437.49	1431.99
36925.000	1.00	77.05	58.49	4005.64	.00	5000.00	5065.00	.00	5437.49	1431.85
37179.000	254.00	77.12	59.00	3978.70	.00	5000.00	5100.00	.00	5147.74	1169.04
37180.000	1.00	77.19	59.00	3978.05	.00	5000.00	5100.00	.00	5148.20	1170.15
37181.000	1.25	77.20	59.00	3978.05	.00	5000.00	5100.00	.00	5148.20	1170.16
37182.000	1.00	77.17	59.00	3978.30	.00	5000.00	5100.00	.00	5148.02	1169.73
37228.000	47.00	77.20	59.00	3978.02	.00	5000.00	5120.00	.00	5148.22	1170.20
37229.000	1.00	77.06	59.00	3979.36	.00	5000.00	5120.00	.00	5147.28	1167.92
37271.000	41.50	77.47	59.00	3975.28	.00	5000.00	5120.00	.00	5151.88	1176.60
37272.000	1.00	77.72	59.00	3972.77	.00	5000.00	5120.00	.00	5173.05	1200.29
37391.000	119.00	77.73	58.68	3969.03	.00	5000.00	5120.00	.00	5204.56	1235.53
37740.000	349.00	77.90	57.87	5057.24	.00	5552.50	5621.50	.00	5738.89	681.65
38285.000	545.00	78.10	61.50	5015.66	.00	5000.00	5481.50	.00	5378.60	362.94
38286.000	1.00	78.09	61.50	5015.67	.00	5000.00	5481.50	.00	5378.59	362.92
38303.000	17.00	78.10	61.50	5015.66	.00	5000.00	5481.50	.00	5378.60	362.94
38304.000	1.00	78.13	61.50	5015.59	.00	5000.00	5481.50	.00	5378.63	363.03
38503.000	199.00	78.23	61.82	5016.06	.00	5000.00	5481.50	.00	5378.43	362.37

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GR	1049.8	1014	1052.5	1055	1051	1073	1067	1107	1070.3	1110
GR	1065	1140	1066	1060	1060	1061				
X1	59633	21	1000	1110	1003	1001	3	1069.5	1069.8	1070.5
BT	9							950	1070.5	1070.5
BT	1000	1871.3	1069.6	1090	1071.3	1072	1072	1071	1071	1735
GR	1069		1072	1072	1072	1051	1051	1000		
GR	1090	775	1072	780	1073.5	950	1071.3	1000	1051	1010
GR	1049.8	1014	1051.5	1035	1069.6	1035	1069.6	1036	1051.5	1036
GR	1052.5	1055	1051	1073	1069.6	1073	1069.6	1074	1051	1074
GR	1067	1107	1071.3	1110	1071	1335	1069	1735	1072	1950
GR	1090	1951								
X1	59667					34	34			
X2	10			1069.6	1071.3					
X3	59670	14	1235	1320	3	3	3	1071.3	1069.8	
GR	1074	1000	1063.8	1055	1061.1	1100	1061.5	1059	1069	1235
GR	1049.8	1247	1052.5	1200	1051	1315	1060	1290	1061.7	1361
GR	1069	1372	1069.2	1400	1068	2000	1060	1320	1067.3	
X1	59730	14	1335	1320	60	60	60	2001		
GR	1074	1000	1063.8	1055	1061.1	1100	1061.5	1200	1061.7	1235
GR	1049.8	1247	1052.5	1200	1051	1315	1060	1320	1067.3	1361
GR	1069	1372	1069.2	1400	1068	2000	1060	2001		
X1	60970	16	1365	1400	1068	2000	1060	2001		
GR	1075	1050	1065	1100	1063.1	1500	1063.1	1600	1064.8	1700
GR	1066.1	1725	1069.9	1735	1073.1	1743	1054.4	1758	1053.2	1773
GR	1053.8	1780	1069.3	1803	1071.7	1855	1073.1	2000	1073.1	2600
GR	1075	2680								
X1	61770	13	1180	1250	800	800	800	1100	1065.3	1150
GR	1074	1050	1045	1035	1064	1030	1054	1250	1066	1300
GR	1065.2	1180	1055	1192	1055	1064.5				
GR	1070.5	1330	1073.5	1700	1074	1720				
X1	61025				55	55	55			
X3	10									
SB	95	1.6	2.5	0	29	5	670	1069	1069	1055
X1	61855				30	30	30			
X2				1067.9	1070.2					
X3	10							1070.2	1070.2	1050
BT	9	1000	1074	1053	1050	1072	1050	1174	1070.2	1050
BT	1175	1070.2	1067.9	1250	1070.2	1067.9	1251	1070.2	1050	1500
BT	1070.6	1050	1740	1073	1050	1740	1075	1050		
X1	61950	9	1180	1250	95	95	95			
GR	1075	975	1365	1300	1065	1180	1055.3	1100	1055.3	1225
GR	1065	1250	1368	1743	1070	1230	1075	1810		
GR	1077	5780	2020	1850	9850	11400	19100	26300		
X1	62360	13	1660	1750	410	410	410			
GR	1086	1030	1071.2	1043	1067.3	1130	1067.5	1270	1064.6	1235
GR	1063.3	1300	1065.6	1043	1057.5	1675	1056	1700	1057.1	1725
GR	1068	1730	1076	1920	1075	2180				
X1	62840	16	2035	2112	480	480	480			
GR	1083	1400	1080	1530	1075	1720	1365.2	1800	-5	1900
GR	1066.6	2000	1068.2	2035	1057.1	2045	1056.9	2069	1057.6	2093
GR	1072.7	2112	1077.7	2125	1077.6	2300	1076.6	2430	1076.4	2500
GR	1078	2020								
X1	63020	17	2035	2112	190	190	190			
GR	1085	1500	1065.8	1600	1065.4	1730	1055.2	1800	1066	1900
GR	1066.6	2000	1068.2	2035	1057.1	2045	1056.9	2069	1057.6	2093
GR	1072.7	2112	1077.7	2125	1077.6	2300	1076.6	2400	1076.4	2500
GR	1078	2020								
X1	63870	19	860	920	850	850	850			
GR	1069.5	800	1070	75	1071.2	175	1071.3	275	1070.3	340
GR	1065	380	1068.5	385	1064.3	450	1069.5	475	1067.8	575
GR	1069.7	775	1069.3	1060	1059.3	870	1059.1	895	1073.3	920
GR	1075	975	1076.5	1055	1076.5	1200	1090	1201		
X1	63983	24	825	945	113	113	113			
X3	10									
GR	1070	0	1071.3	250	1070	300	1073	1070.6	1073	377
GR	1068.5	387	1069	400	1064	450	1069.5	475	1067.8	575
GR	1069.5	824	1069.5	825	1068.6	835	1065.2	875	1060	875
GR	1060.3	900	1065.6	911	1068.7	925	1068.7	935	1071.4	940
GR	1071.4	945	1074.3	946	1076.2	990	1076.2	1200		
SB	95	1.6	2.5	0	29	5	670	4.33	1060	1060
X1	64017									
X2				1072.7	1070.6					
X3	10							1070.6	1070.6	

GR	1078	2600	1085	2895	850	850	850	275	1070.3	340
X1	63870	19	860	920	1071.2	175	1071.5	475	1067.8	575
GR	1069.5	380	1068.5	385	1064.3	450	1069.5	895	1073.3	920
GR	1069.7	775	1069.5	860	1059.5	870	1059.1	1201		
GR	1075	975	1075.5	1055	1076.5	1200	1090			
X1	63983	24	825	945	113	113	113			
X3	1070	0	1071.3	250	1070	300	1070	1070.6	1073	377
GR	1068.5	387	1068	400	1064	450	1069.5	475	1067.8	575
GR	1069.5	824	1069.5	825	1068.6	835	1069.2	870	1060	875
GR	1068.3	903	1065.6	911	1068.7	925	1068.7	935	1071.4	940
GR	1071.6	945	1074.3	946	1076.2	990	1076.5	1200		
SS	63983	1.6	2.5	0	1076.2	10	825	4.35	1060	1060
X1	64017		1	1072.7	1070.6	34	34			
X3	10									
BT	11									
BT	400	1074.0	1070.6	1050	250	1071.9	1050	1070.6	1070.6	1050
BT	1075.7	1072.7	1050	450	1072	1050	824	1075.7	1074.4	825
BT	1050	1111	1090	1050	1072.7	946	1075.7	1050	1110	1076
X1	64117									
GR	1000	150	1069	200	1069	300	1070	450	1070.9	500
GR	1070	500	1060.5	515	1061.4	530	1061.3	542	1069	560
GR	1070.7	630	1069.5	630						
GR	65000	14	100	200	60	60	60			
GR	10900	150	1093	1	1083	130	1069.5	131	1069	150
GR	1068.5	305	1067	330	1062.8	344	1068	260	1069	280
NC	120	120						500		
X1	65045	65	178	260	45	45	45			
BT	6	0	1083	1060	124	1083	1060	125	1083	1080
BT	325	1083	1083	327	1083	521	1083	1083	1080	1080
GR	1083	1083	1080	1080	1079	10	1073	25	1080	26
GR	1083	1083	1080	1080	1079	10	1070	20	1080	20
GR	1083	1083	1080	1080	1079	10	1070	20	1080	20
GR	1083	1083	1080	1080	1079	10	1070	20	1080	20
GR	1069.5	124	1080	125	1080	127	1069.5	128	1069	149
GR	1080	150	1080	152	1080	153	1068	174	1080	175
GR	1080	177	1068	178	1064.6	200	1062.5	215	1061	230
GR	1061	240	1068	260	1068	261	1068	263	1068	264
GR	1069	300	1069	300	1068	300	1069	300	1068.6	300
GR	1080	327	1080	327	1080	327	1080	327	1080	327
GR	1071	353	1071	353	1074.5	374	1080	375	1080	377
GR	1074.5	378	1070	379	1080	380	1082.7	380	1083	521
X1	65055									
X2	65060	14	180	180	1382.7	10	10			
GR	1090	190	1083	200	1083	130	1069.5	131	1069	150
GR	1068.5	305	1067	330	1062.8	344	1068	260	1069	280
NC								500		
X1	65180	10	735	810	122	120	120	735	1069	750
GR	1083	450	1084	500	1081.5	700	1071.5	1000	1085	1200
GR	1062	760	1062	800	1078	810	1082.5	1000		
X1	65700	12	680	750	520	520	520			
GR	1093	300	1090	300	1085	620	1088	670	1075	680
GR	1082.3	19	740	750	1085	750	1080	830	1083	990
GR	1082.3	19	740	750	1085	750	1080	830	1083	990
NC	0.05									
X1	66000	17	1785	1825	300	300	300			
GR	1095	150	1089.4	1650	1080.9	1650	1076.4	1700	1074.2	1730
GR	1073.4	1735	1063.5	1700	1061.9	1800	1063.4	1820	1072.8	1825
GR	1077.8	1900	1077.3	1900	1076.9	1960	1077.6	2000	1078	2150
GR	1078	220	1090	223						
X1	66370	25	410	410	370	370	370			
GR	1090	250	1073	460	1074	460	1073.3	472	1064	483
GR	1063	405	1076	510	1078	010	1095	911		
X1	64502	12	470	510	132	132	132			
X3	10									
GR	1090	250	1278.5	375	1075	410	1074.0	1076	1076	470
GR	1064	402	1063	406	1075	510	1076.5	513	1077	540
GR	1078	910	1095	911						
SS	95	1.6	2.5	0	24.4	1	370	678	1064	1064
X1	64548									

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X2	10		1	1075.5	1077.3			1077.3	1077.3	
BT	10	250		1060	375	1078.5	1050	469	1077.8	1060
BT	10	1077.8	1075.5	1060	1077.3	1075.5	540	1077	1060	710
BT	10	1077.8	1075.5	1060	1077.3	1075.5	540	1077	1060	710
X1	666000	10		1078.5	1077.3	1075.5	122	122		
GR	1062.3	275		1085.5	1080.0	1075.5	1030	465	1064.7	493
QT	67030	5500		1930	4500	1075.5	1075.5	2520	1095	956
GR	1077.3	9		1900	244	1075.5	370	212	1065.6	222
GR	1077.3	244		1088.0	1084.5	1075.5	700	701		
GR	1077.3	13		1900	244	1075.5	10			
GR	1077.3	244		1075.5	190	1066.6	202	212	1065.6	222
GR	1077.3	465		1084.5	700	1080.0	1090	340	1078.5	341
X1	67190	9		190	244	1075.5	150	150		
GR	1113.5	100		1075.5	100	1066.6	202	212	1065.6	222
GR	1077.3	244		1080.0	465	1085.5	700	850		
X1	67780	19		1900	1900	580	580			
CR	1089.9	1725		1084.9	1730	1079.2	1745	1079.1	1078.7	1840
GR	1077.3	1870		1074.7	1890	1074.7	1901	1066.3	1065.2	1920
GR	1084.8	1928		1085.3	1930	1074.7	1940	1877	1080.2	1960
GR	1079.8	1967		1080.5	2000	1085	2570	2640		
N	68500	18		1615	1700	810	810			
X1	68500	18		1615	1700	810	810			
GR	1100	1200		1037	1201	1081.8	1390	1435	1082.7	1510
GR	1080	1565		1983	1615	1080	1616	1649	1067.7	1670
GR	1073.5	1677		1073.5	1632	1080.5	1699	1083.4	1083.5	1720
GR	1081.5	1780		1081.5	2205	1080.5	2235			
X1	6860	10		1081.5	1081.5	1081.5	1081.5			
X3	1.6	2.5			35.8	2	815	1081.1	1081.7	1067
X1	68724	28		1081.5	1081.7	1081.8	1060	1081.1	1081.7	1060
X2	10		1	1081.5	1081.7	1081.8	1060	1081.1	1081.7	1060
BT	10	1200		1087	1060	1390	1081.8	1565	1081.1	1060
BT	10	1083		1060	1520	1083	1081.8	1700	1083.5	1791
BT	10	1060		1081.7	1060	2230	1081.7	1080	1081.5	1095
BT	10	1060		1081.7	1060	2230	1081.7	1080	1081.5	1095
X1	68800	17		1338	1423	96	96	96		
GR	1081.5	1080		1098.5	1031	1013.3	1143	1083.6	1175	1084.1
GR	1081.5	1338		1072.7	1353	1072.7	1356	1068.9	1373	1067.9
GR	1081.5	1400		1081.5	1432	1084.2	1423	1083.5	1443	1084
GR	1081.5	1700		1095	1805					1600
X1	6930	10		1081.5	1081.5	1081.5	1081.5			
X3	1.6	2.5			33	2	845	1083	1083	1068.5
X1	69415	28		1082.3	1083.6	1083.6	1060	1083	1083	1068.5
X2	10		1	1082.3	1083.6	1083.6	1060	1083	1083	1068.5
X3	10									
BT	10	1300		1092.5	1061	1060	1083.6	1084.1	1083.5	1060
BT	10	1083		1087	1430	1084.2	1082.9	1337	1084.1	1060
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
X1	69500	17		1338	1423	96	96	96		
GR	1081.5	1080		1098.5	1031	1013.3	1143	1083.6	1175	1084.1
GR	1081.5	1338		1072.7	1353	1072.7	1356	1068.9	1373	1067.9
GR	1081.5	1400		1081.5	1432	1084.2	1423	1083.5	1443	1084
GR	1081.5	1700		1095	1805					1600
X1	69750	10		1081.5	1081.5	1081.5	1081.5			
X3	1.6	2.5			33	2	845	1083	1083	1068.5
X1	69876	28		1082.3	1083.6	1083.6	1060	1083	1083	1068.5
X2	10		1	1082.3	1083.6	1083.6	1060	1083	1083	1068.5
X3	10									
BT	10	1400		1085	1060	1600	1083.7	1084.1	1083.5	1060
BT	10	1083		1087	1430	1084.2	1082.9	1337	1084.1	1060
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
X1	70000	17		1338	1423	96	96	96		
GR	1081.5	1080		1098.5	1031	1013.3	1143	1083.6	1175	1084.1
GR	1081.5	1338		1072.7	1353	1072.7	1356	1068.9	1373	1067.9
GR	1081.5	1400		1081.5	1432	1084.2	1423	1083.5	1443	1084
GR	1081.5	1700		1095	1805					1600
X1	70250	10		1081.5	1081.5	1081.5	1081.5			
X3	1.6	2.5			33	2	795	1082.3	1082.3	1069
X1	70384	28		1082.5	1083.8	1083.8	1060	1082.3	1082.3	1069
X2	10		1	1082.5	1083.8	1083.8	1060	1082.3	1082.3	1069
X3	10									
BT	10	1400		1085	1060	1600	1083.7	1084.1	1083.5	1060
BT	10	1083		1087	1430	1084.2	1082.9	1337	1084.1	1060
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
X1	70500	17		1338	1423	96	96	96		
GR	1081.5	1080		1098.5	1031	1013.3	1143	1083.6	1175	1084.1
GR	1081.5	1338		1072.7	1353	1072.7	1356	1068.9	1373	1067.9
GR	1081.5	1400		1081.5	1432	1084.2	1423	1083.5	1443	1084
GR	1081.5	1700		1095	1805					1600
X1	70750	10		1081.5	1081.5	1081.5	1081.5			
X3	1.6	2.5			33	2	795	1082.3	1082.3	1069
X1	70884	28		1082.5	1083.8	1083.8	1060	1082.3	1082.3	1069
X2	10		1	1082.5	1083.8	1083.8	1060	1082.3	1082.3	1069
X3	10									
BT	10	1400		1085	1060	1600	1083.7	1084.1	1083.5	1060
BT	10	1083		1087	1430	1084.2	1082.9	1337	1084.1	1060
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
X1	71000	17		1338	1423	96	96	96		
GR	1081.5	1080		1098.5	1031	1013.3	1143	1083.6	1175	1084.1
GR	1081.5	1338		1072.7	1353	1072.7	1356	1068.9	1373	1067.9
GR	1081.5	1400		1081.5	1432	1084.2	1423	1083.5	1443	1084
GR	1081.5	1700		1095	1805					1600
X1	71250	10		1081.5	1081.5	1081.5	1081.5			
X3	1.6	2.5			33	2	795	1082.3	1082.3	1069
X1	71384	28		1082.5	1083.8	1083.8	1060	1082.3	1082.3	1069
X2	10		1	1082.5	1083.8	1083.8	1060	1082.3	1082.3	1069
X3	10									
BT	10	1400		1085	1060	1600	1083.7	1084.1	1083.5	1060
BT	10	1083		1087	1430	1084.2	1082.9	1337	1084.1	1060
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
X1	71500	17		1338	1423	96	96	96		
GR	1081.5	1080		1098.5	1031	1013.3	1143	1083.6	1175	1084.1
GR	1081.5	1338		1072.7	1353	1072.7	1356	1068.9	1373	1067.9
GR	1081.5	1400		1081.5	1432	1084.2	1423	1083.5	1443	1084
GR	1081.5	1700		1095	1805					1600
X1	71750	10		1081.5	1081.5	1081.5	1081.5			
X3	1.6	2.5			33	2	795	1082.3	1082.3	1069
X1	71884	28		1082.5	1083.8	1083.8	1060	1082.3	1082.3	1069
X2	10		1	1082.5	1083.8	1083.8	1060	1082.3	1082.3	1069
X3	10									
BT	10	1400		1085	1060	1600	1083.7	1084.1	1083.5	1060
BT	10	1083		1087	1430	1084.2	1082.9	1337	1084.1	1060
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
X1	72000	17		1338	1423	96	96	96		
GR	1081.5	1080		1098.5	1031	1013.3	1143	1083.6	1175	1084.1
GR	1081.5	1338		1072.7	1353	1072.7	1356	1068.9	1373	1067.9
GR	1081.5	1400		1081.5	1432	1084.2	1423	1083.5	1443	1084
GR	1081.5	1700		1095	1805					1600
X1	72250	10		1081.5	1081.5	1081.5	1081.5			
X3	1.6	2.5			33	2	795	1082.3	1082.3	1069
X1	72384	28		1082.5	1083.8	1083.8	1060	1082.3	1082.3	1069
X2	10		1	1082.5	1083.8	1083.8	1060	1082.3	1082.3	1069
X3	10									
BT	10	1400		1085	1060	1600	1083.7	1084.1	1083.5	1060
BT	10	1083		1087	1430	1084.2	1082.9	1337	1084.1	1060
BT	10	1060		1081.7	1060	1700	1081.7	1084.2	1060	1440
BT	10	1060		1081.7	1060	1700	1081.7	1084.2		

GR1081.5	1831	1075.5	1845	1088.3	1855	1069.4	1770	1034.0	1830
GR1076	1900	1082	1915	1094.8	1916	1083.4	1898	1075	1895
GR1083.7	2160	1100	2200				1995	1065.2	2100
X1-69876				126	126	126			
X3							1082.3	1082.3	
BT							1.95	1069	1069
X1-69904	1.6	2.5		33	2	795			
X2			1	1082.5	1083.0				
X3							1083.0	1083.4	
BT	1400	1085	1060	1600	1083.7	1060	1770	1083	1060
BT1084.8	1094.6	1060	1831	1084.6	1082.3	1915	1094.8	1082.3	1916
BT	1060	1995	1083.4	1060	2100	1085.2	1060	2160	1085.7
X1-70000				96	06	06			
QT	5480	1800	4300	8200	10300	17600	24500		
X1-70430	15	2182	2234	430	430	430			
GR	1400	1081.1	1600	1379.9	1800	1079.2	1900	1080.1	2100
GR1080.6	2132	1070	2100	1069.7	2208	1070	2226	1090.4	2234
GR1080.4	2250	1095.4	2264	1085.1	2270	1085	2400	1086.5	2500
X1-70850	15	1595	1644	420	420	420			
GR	1095	1084.0	950	1082.5	1000	1083.3	1440	1079.8	1400
GR1080.3	1575	1083	1595	1079.5	1632	1070.6	1609	1071	1633
GR1080.3	1644	1080.8	1690	1087.5	1700	1090	2000	1100	2050
X1-70950	16	1552	1656	100	100	100			
X3							1082.5	1082.5	
GR	900	1084	950	1082.5	1000	1082.6	1500	1083.3	1440
GR1079.8	1400	1080.5	1582	1072.5	1600	1070.6	1620	1071	1635
GR1081.5	1656	1091	1680	1097.5	1700	1088	1750	1090	2000
GR	1100	2050							
X1-70990	1.6	2.5		34	2	810	1.33	1071	1071
X3				40	40	40			
BT							1082.5	1082.5	
BT	1300	1082.6	1080	1582	1098.5	1080	1700	1082.5	1060
BT	1060	1086	1060	1060	1750	1088.2	1060	1086	1655
X1-71040									
X3				50	50	50			
GR	1090	1092.5	1160	1081.5	1080	1080.5	1850	1081.5	1100
GR	1124	1073.5	1130	1071.5	1142	1078.5	1160	1080.5	1195
GR1088.5	1235	1086.5	1260	1080	1150	1080			
X1-71690	14	1090	1150	500	500	500			
GR	800	1084	850	1082.2	1030	1080.2	1050	1082	1000
GR	1077	1107	1115	1072.2	1121	1078	1140	1081.7	1150
GR1082.5	1350	1086.7	1305	1095.6	1150	1087.5	1650		
X1-72080	16	470	550	300	300	300			
GR	1100	1087	1081	1083	1080	1083	450	1081.7	470
GR1077.5	1400	1095	1400	1077.5	1400	1077.5	510	1084	510
GR1077.5	1656	1077.5	1656	1082.5	1656	1082.5	850	1084	850
GR	1110	925							
T1	LOWER CREEK								
T2	2 YR. FLOOD								
T3	NOV. 1984								
J1	3			.0013				1054.5	
J2	2	-1							
T1	LOWER CREEK								
T2	10 YR. FLOOD								
T3	NOV. 1984								
J1	4			.0013				1057.5	
J2	3	-1							
T1	LOWER CREEK								
T2	50 YR. FLOOD								
T3	NOV. 1984								
J1	5			.0013				1061.5	
J2	4	-1							
T1	LOWER CREEK								
T2	100 YR. FLOOD								
T3	NOV. 1984								
J1	6			.0013				1063.0	
J2	5	-1							
T1	LOWER CREEK								
T2	500 YR. FLOOD								
T3	NOV. 1984								
J1	7			.0013				1066.0	
J2	6	-1							

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SJOB, 72202Z LOWER1, 2077EJ, EJ, OUT=2077EJ*LOWEROT, PR=6, TI=150

SMO, PS=255

SWR, RUN, 72202Z

T1 LOWER CREEK RECONNAISSANCE STUDY
T2 LENOIR NC NOV. 1977 FLOOD

T3 NOV. 1984 DWL

1	J1			.0013				1057.3		
2	J2	1	-1							
3	M	.095	.08	.050	.1	.3				
4	BT	6980	3350	7500	13150	16400	26050	34400		
5	X1	53700	11	1115	1182	1				
6	GR1	1065.5	1000	1053.6	1097	1052.8	1115	1042	1124	1040.2
7	GR	1042.5	1165	1054.8	1182	1054.5	1200	1053.5	1235	1060
8	X1	53750	2230							2100
9	X1	53800								.06
10	X1	53850								.97
11	X1	53850								.06
12	BT	6590	2810	6500	11500	14400	23400	31000		
13	X1	58090	15	10655	1165	42400	42400			
14	GR	1090	910	1075	911	950	1069	1000	1067.3	1065
15	GR1	1046.5	1090	1048	1120	1140	1046.5	1150	1060.2	1165
16	GR	1058.7	1200	1058	1300	1060	1065	1570	1080	1650
17	X1	59370	19	1117	1240	1280	1280			
18	GR	1070.7	649	1075	650	1075	1070.7	1000	1068.7	1097
19	GR1	1049.4	1117	1054	1156	1053.1	1172	1050.2	1177	1048.9
20	GR	1065.5	1225	1062.2	1240	1060.6	1300	1060	1400	1660
21	X1	59490	21	1150	1235	122	122	1880	1890	
22	X3									
23	GR	1090	649	1075	650	1075	780	1070.7	1000	1120
24	GR1	1070.3	1150	1063.2	1151	1061.8	1160	1049.4	1170	1048.2
25	GR	1049.7	1190	1050.2	1214	1063.1	1233	1068.2	1234	1070.3
26	GR	1065.5	1250	1065	1510	1060	1745	1060	1780	1800
27	X1	59495	32	1150	1235	3	3			
28	X3									
29	BT	649	1075	1075	780	1075	1075	1000	1070.7	1070.7
30	BT	1120	1070	1150	1070.3	1070.3	1070.3	1151	1070.3	1234
31	BT	1070.3	1068.2	1235	1070.3	1070.3	1250	1065	1820	1066
32	GR	1090	649	1075	650	1075	780	1070.7	1000	1120
33	GR1	1070.3	1150	1063.2	1151	1061.8	1160	1054.5	1167	1068.3
34	GR	1049.7	1168	1054.5	1168	1049.4	1170	1049.5	1187	1068.3
35	GR	1068.3	1188	1049.5	1188	1049.7	1190	1050	1203	1203
36	GR	1068.3	1204	1050	1204	1050.2	1214	1050.3	1218	1068.3
37	GR	1068.3	1219	1050.3	1219	1063.1	1233	1068.2	1234	1070.3
38	GR	1065.5	1250	1066	1820					
39	X1	59504								
40	X2									
41	X3									
42	X1	59567	18	1150	1235	3	3	1070.3	1068.0	
43	X3									
44	GR	1090	649	1075	650	1075	780	1070.7	1000	1120
45	GR1	1070.3	1150	1063.2	1151	1061.8	1160	1049.4	1170	1048.2
46	GR	1049.7	1190	1050.2	1214	1063.1	1233	1068.2	1234	1070.3
47	GR	1065.5	1250	1066	1820					
48	X1	59567	12	430	550	60	60			
49	X3									
50	GR	1090	0	1075	1	1070.3	380	1070	430	1068.0
51	GR1	1049.8	444	1052.5	495	1051	513	1070.3	550	1057
52	GR	1065	620	1066	1300					440
53	X1	59630	13	1000	1110	63	63			570
54	X3									
55	GR	1090	775	1072	790	1070.5	950	1071.3	1070.3	1068.0

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GR	1049.8	1014	1052.5	1055	1051	1073	1067	1107	1070.3	1110
GR	1065	1140	1056	1900	1090	1901				
X1	59633	21	1000	1110	3	3	3			
X3	10							1069.5	1069.0	
BT	109	775	1090	1090	780	1072	1072	950	1070.5	1070.5
ST	1000	1071.3	1069.6	1110	1071.3	1069.6	1335	1071	1071	1735
BY	1069	1069	1950	1072	1072	1951	1090	1090		
GR	1049.8	775	1072	780	1070.5	950	1071.3	1000	1051	1010
GR	1052.5	1014	1051.5	1035	1069.6	1035	1069.6	1036	1051.5	1036
GR	1055	1055	1051	1073	1069.6	1073	1069.6	1074	1051	1074
GR	1090	1107	1071.3	1110	1071	1335	1069	1735	1072	1950
X1	59667	1951								
X2	10									
X3	10									
X1	50670	14	1235	1320	3	3	3	1071.3	1069.0	
X3	10									
GR	1074	1000	1063.8	1055	1061.1	1100	1061.5	1200	1061.7	1235
GR	1049.8	1247	1052.5	1200	1051	1315	1050	1320	1067.3	1361
GR	1069	1372	1069.2	1400	1068	2000	1090	2001		
X1	59730	14	1235	1320	60	60	60			
GR	1074	1000	1063.8	1055	1061.1	1100	1061.5	1200	1061.7	1235
GR	1051.5	1250	1050.6	1270	1051.7	1290	1062.5	1320	1067.3	1361
GR	1039.8	1372	1069.2	1400	1068	2000	1090	2001		
X1	60970	16	1743	1803	1240	1240	1240			
GR	1075	1050	1065	1100	1063.1	1500	1063.1	1600	1064.8	1700
GR	1066.6	1725	1069.9	1735	1070.1	1743	1054.4	1758	1053.2	1773
GR	1053.8	1788	1069.8	1803	1071.7	1855	1073.1	2000	1073.1	2600
GR	1075.5	2680								
X1	61770	13	1180	1250	800	800	800			
GR	1074	1000	1063.8	1055	1061.1	1100	1061.5	1200	1061.7	1235
GR	1065.2	1180	1055	1192	1055	1228	1064.5	1250	1066	1303
GR	1070	1330	1070.5	1700	1074	1720				
X1	61825				55	55	55			
X3	10									
SB	0.955	1.6	2.5	0	29	.5	670	1.83	1069	1055
X1	61855				30	30	30			
X2	10									
X3	10									
BT	109	1000	1074	1050	1050	1072	1050	1070.2	1070.2	1050
BT	1175	1070.2	1057.9	1250	1070.2	1067.9	1251	1174	1070.2	1500
X1	61950	9	1700	1073	1050	1740	1075	1050		
GR	1075	975	1065	1040	1065	1180	1055.3	1190	1055.3	1225
GR	1065	1250	1068	1740	1070	1780	1075	1810		
QT	1065	5780	2020	4850	9050	11400	19100	26300		
X1	62360	13	1660	1730	410	410	410			
GR	1086	1000	1071.2	1020	1067.3	1100	1073.5	1220	1064.6	1235
GR	1063.3	1300	1065.6	1660	1057.5	1675	1056	1700	1057.1	1725
GR	1068	1730	1076	1920	1075	2180				
X1	62840	16	2035	2112	480	480	480			
GR	1083	1400	1080	1580	1075	1720	1065.2	1800	1066	1900
GR	1066.6	2000	1068.2	2035	1057.1	2045	1056.9	2069	1057.6	2093
GR	1072.7	2112	1077.7	2125	1077.6	2300	1076.6	2400	1076.4	2500
GR	1070	2820								
X1	63020	17	2035	2112	180	180	180			
GR	1085	1500	1065.8	1600	1065.4	1700	1065.2	1800	1066	1900
GR	1066.6	2000	1068.2	2035	1057.1	2045	1056.9	2069	1057.6	2093
GR	1072.7	2112	1077.7	2125	1077.6	2300	1076.6	2400	1076.4	2500
GR	1070	2600	1085	2600						
X1	63870	19	860	920	850	850	850			
GR	1069.5	0	1070	75	1071.2	175	1071.3	275	1070.3	340
GR	1065.5	380	1068.5	385	1064.3	450	1069.5	475	1067.8	575
GR	1069.7	775	1069.5	860	1059.5	870	1059.1	885	1073.3	920
GR	1075	975	1076.3	1055	1076.5	1200	1090	1201		
X1	63983	24	825	945	113	113	113			
X3	10									
GR	1070	0	1071.3	250	1070	300	1070	1070.6	1073	377

1	GR	1068.5	387	1069	400	1064	450	1069.5	475	1067.8	575
2	GR	1069.5	824	1069.5	825	1068.6	835	1065.2	870	1060	875
3	GR	1060.3	900	1065.6	911	1068.7	925	1068.7	935	1071.4	940
4	GR	1071.4	945	1074.3	946	1076.2	990	1076.5	1200		
5	SB	1.6	1.6	2.5	0	10	2	825	4.33	1060	1060
6	X2	64017			1	1072.7	1070.6				
7	X3	10									
8	BT	11	0	1070.6	1050	250	1071.9	1050	300	1070.6	1050
9	BT	400	1074.4	1050	450	1072	1050	824	1075.7	1074.4	1050
10	BT	1075.7	1072.7	945	1075.7	1072.7	946	1075.7	1050	1110	1076
11	BT	1050	1111	1090	1050						
12	X1	64117				100	100	100			
13	X1	64940	12	500	560	823	823	823			
14	GR	1090	150	1069	200	1069	300	1070	450	1070.9	500
15	GR	1070	509	1060.5	515	1061.4	530	1061.3	542	1069	560
16	GR	1070.7	600	1083	630						
17	X1	65000	14	1080	260	60	60	60			
18	GR	1090	0	1083	1	1083	130	1069.5	131	1069	150
19	GR	1068	180	1061	230	1061	244	1068	260	1069	280
20	GR	1068.5	305	1070	330	1082.8	331	1083	500		
21	NC	120									
22	X1	65045	65	178	260	45	45	45			
23	BT	6	0	1083	1060	124	1083	1060	125	1083	1080
24	BT	3253	1083	1030	327	1083	1060	521	1083	1060	
25	GR	1080		1080	0	1079	10	1073	25	1080	26
26	GR	1080	28	1073	29	1070	30	1070	49	1080	50
27	GR	1080	52	1070	53	1069.7	74	1080	75	1080	77
28	GR	1069.5	78	1069.5	99	1080	100	1080	102	1069.5	103
29	GR	1069.5	124	1080	125	1080	127	1069.5	128	1069	149
30	GR	1080	150	1090	152	1069	153	1068	174	1080	175
31	GR	1080	177	1068	178	1064.6	200	1062.5	215	1061	230
32	GR	1061	240	1068	260	1080	261	1080	263	1068	264
33	GR	1069	274	1080	275	1080	277	1069	278	1068.6	299
34	GR	1080	300	1080	302	1068.6	303	1069.8	324	1080	325
35	GR	1080	327	1069.8	328	1071	349	1080	350	1080	352
36	GR	1071.5	353	1071.5	365	1074.5	374	1080	375	1080	377
37	GR	1074.5	378	1070	379	1080	380	1082.7	380	1083	521
38	X1	65055				10	10	10			
39	X2	65060	14	180	1080	1082.7	5	5			
40	X1	1090	0	1083	260	1083	130	1069.5	131	1069	150
41	GR	1068	180	1061	230	1061	244	1068	260	1069	280
42	GR	1068.5	305	1070	330	1082.8	331	1083	500		
43	NC										
44	X1	65187	10	735	810	123	120	120			
45	GR	1083	450	1084	500	1081.5	700	1071.5	735	1069	750
46	GR	1062	760	1062	800	1078	810	1082.3	1000	1085	1200
47	X1	65700	12	680	750	520	520	520			
48	GH	1093	300	1090	480	1085	620	1080	670	1075	680
49	GR	1062.3	703	1062.3	740	1075	750	1080	830	1083	990
50	GR	1082.3	1250	1100	1251						
51	NC	0.80									
52	X1	66000	17	1785	1825	300	300	300			
53	GR	1090.5	1530	1085.4	1500	1080.9	1650	1076.4	1700	1074.2	1738
54	GR	1073.4	1785	1063.5	1700	1061.9	1808	1033.4	1820	1072.8	1825
55	GR	1077.8	1830	1078.2	1900	1076.9	1968	1077.6	2000	1078	2150
56	GR	1078	2230	1098	2231						
57	X1	66370	9	472	515	370	370	370			
58	GR	1090	250	1075	410	1074	460	1073.3	472	1064	483
59	GR	1063	495	1076.6	515	1078	010	1095	917		
60	X3	66502	12	470	510	132	132	132			
61	GR	1090	250	1078.5	375	1075	410	1074.0	1076	1076	470
62	GR	1064	482	1063	496	1075	510	1076.5	513	1077	540
63	SB	1.6	1.6	2.5	0	24.4	1	370	.678	1064	1064
64	X1	66538				36	36	36			

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BT	10	1400	1085	1060	1600	1083.7	1060	1770	1083	1060
BT	1830	1084.6	1060	1831	1084.6	1082.3	1915	1084.8	1082.3	1916
BT	1084.8	1060	1995	1083.4	1060	2100	1085.2	1060	2160	1085.7
BT	1060									
X1	70000				96	96	96			
Y1	70000	5480	1800	4300	8200	10300	17600	24500		
Y1	70430	15	2182	2234	430	430	430			
GR	11200	1400	1081.1	1600	1079.2	1800	1079.2	1900	1080.1	2100
GR	1080.6	2182	1070	2190	1069.7	2200	1070	2226	1090.4	2234
GR	1080.6	2250	1085.4	2264	1085.1	2270	1085	2400	1086.5	2500
X1	70850	15	1505	1644	420	420	420			
GR	1095	900	1084.0	950	1082.5	1000	1083.3	1440	1079.8	1490
GR	1080.3	1575	1083.3	1595	1079.5	1602	1070.6	1609	1071	1633
GR	1080.3	1644	1080.8	1680	1087.5	1700	1090	2000	1100	2050
X1	70950	16	1582	1656	100	100	100			
X3	10							1082.5	1082.5	
GR	1095	900	1084	950	1082.5	1000	1082.6	1390	1083.3	1440
GR	1079	1490	1080.5	1582	1072.5	1600	1070.6	1620	1071	1635
GR	1081.5	1656	1081	1680	1087.5	1700	1088	1750	1090	2000
GR	1100	2050								
SB	1.6		2.5		34	2	810	1.33	1071	1071
X1	70990				40	40	40			
X2			1	1086	1082.5					
X3	10							1082.5	1082.5	
BT	11	900	1095	1060	950	1084	1060	1000	1082.5	1060
BT	1390	1082.6	1060	1582	1088.5	1060	1582	1088.5	1086	1655
BT	1088.6	1086	1656	1088.6	1060	1750	1088.2	1060	2000	1090
BT	1060	2050	1100	1060						
X1	71040				50	50	50			
X1	71110	13	1124	1160	70	70	70			
GR	1090	300	1082.5	500	1081.5	1000	1080.5	1050	1081.5	1100
GR	1079	1124	1072.3	1130	1071.8	1142	1078.5	1160	1080.5	1195
GR	1088.5	1235	1086.5	1260	1090	1650				
X1	71690	14	1090	1150	580	580	580			
GR	1095	800	1084	850	1082.2	1000	1080.2	1050	1082	1090
GR	1077	1107	1072	1113	1072.2	1121	1078	1140	1081.7	1150
GR	1082.5	1350	1086.7	1395	1085.6	1550	1087.5	1650		
X1	72080	16	470	550	390	390	390			
GR	1100	300	1082	325	1081.8	400	1083	450	1081.7	470
GR	1073.5	485	1072	408	1072.2	505	1076.5	510	1072.5	515
GR	1073.5	527	1077.5	530	1082.6	550	1082.5	850	1084	885
GR	1110	925								
J1		LOWER CREEK								
J2		2 YR. FLOOD								
J3		NOV. 1984								
J1		3			.0013				1054.5	
J2		2	-1							
J1		LOWER CREEK								
J2		10 YR. FLOOD								
J3		NOV. 1984								
J1		4			.0013				1057.5	
J2		3	-1							
J1		LOWER CREEK								
J2		50 YR. FLOOD								
J3		NOV. 1984								
J1		5			.0013				1061.5	
J2		4	-1							
J1		LOWER CREEK								
J2		100 YR. FLOOD								
J3		NOV. 1984								
J1		6			.0013				1063.0	
J2		5	-1							
J1		LOWER CREEK								
J2		500 YR. FLOOD								
J3		NOV. 1984								
J1		7			.0013				1066.0	

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C 82553. LAST BRIDGE X-SECTION FOR NN

C 82553.

C 83400.

C 83400. FIRST BRIDGE X-SECTION FOR 00

C 83400.

C 83492.

BRIDGE # 00

C 83492.

C 83530.

C 83530. LAST BRIDGE X-SECTION FOR 00

C 83530.

C 84460.

C 84460. X-SECTION # LCA1

C 84460.

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENDIR, NC FIS

T2 FILENAME: LOW3.HEC ENG: SKE EA: DLY COMM 2320

T3 LOWER CREEK DATE: 02/21/86 100-YEAR EVENT

J1-10. 4. 108.52

1										
2	881.25	1.56	2.6	0.	20.21	0.	310.	1.026	89.31	89.31
3										
4										
5	ET							9.11	4918.	5118.
6										
7										
8	X153421.				23.	23.	23.			
9										
10										
11	X2		1.	99.44	101.68					
12										
13										
14	X310.							101.68	102.	
15										
16										
17	BT-29.	4725.	125.	125.	4750.	110.	110.	4800.	103.78	101.
18										
19										
20	BT	4850.	102.96	101.	4900.	102.12	101.	4950.	101.68	101.
21										
22										
23	BT	4990.	102.	100.	4999.99	102.08	94.51	5000.	104.74	94.51
24										
25										
26	BT	5001.	104.74	94.51	5001.01	104.74	99.44	5005.	104.7	99.4
27										
28										
29	BT	5010.	104.67	99.35	5015.	104.6	99.31	5020.	104.57	99.26
30										
31										
32	BT	5025.	104.55	99.24	5030.	104.55	99.23	5035.	104.52	99.21
33										
34										
35	BT	5040.	104.53	99.21	5040.01	104.53	98.11	5041.	104.53	98.11
36										
37										
38	BT	5041.01	102.06	98.11	5051.	102.	100.	5091.	103.52	101.
39										
40										
41	BT	5141.	106.43	100.	5174.	107.91	107.91	5304.	105.	105.
42										
43										
44	BT	5434.	110.	110.	5580.	125.	125.			
45										
46										
47	NH5.	100.	4900.	.15	5000.	.05	5041.	.18	5174.	100.
48										
49										
50	NH5580.									
51										
52										
53	ET							9.1	4918.	5118.
54										
55										
56	X153460.				39.	39.	39.	.07		
57										
58										
59										
60										

1412 G.S.

1412 G.S.

14112 G.B.

1											
2	BT	4660.	115.	110.51	4690.	113.75	110.	4800.	109.22	105.86	
3											
4											
5	BT	4850.	108.35	103.98	4950.	107.97	100.22	4999.99	108.08	98.34	
6											
7											
8	BT	5000.	110.4	98.34	5000.01	110.4	105.2	5002.	110.42	105.22	
9											
10											
11	BT	5004.	110.44	105.24	5005.	110.45	105.25	5010.	110.47	105.27	
12											
13											
14	BT	5011.9	110.47	105.27	5011.91	110.47	98.28	5012.5	110.47	98.28	
15											
16											
17	BT	5013.1	110.48	98.28	5013.11	110.48	105.27	5015.	110.48	105.28	
18											
19											
20	BT	5015.01	110.48	105.28	5020.	110.49	105.28	5020.01	110.49	105.28	
21											
22											
23	BT	5020.9	110.49	105.28	5020.91	110.49	98.28	5021.5	110.49	98.28	
24											
25											
26	BT	5022.1	110.49	98.28	5022.11	110.49	105.28	5023.	110.49	105.27	
27											
28											
29	BT	5023.01	110.49	105.27	5025.	110.49	105.27	5027.5	110.49	105.27	
30											
31											
32	BT	5027.51	110.48	105.27	5029.4	110.48	105.27	5029.41	110.48	98.29	
33											
34											
35	BT	5030.	110.48	98.29	5030.6	110.48	98.29	5030.61	110.48	105.27	
36											
37											
38	BT	5035.	110.47	105.27	5038.5	110.45	105.27	5038.51	110.45	99.51	
39											
40											
41	BT	5041.5	110.45	99.23	5041.51	108.48	99.23	5091.5	110.42	108.21	
42											
43											
44	BT	5101.5	110.82	110.	5121.5	111.65	111.54	5166.5	115.	115.	
45											
46											
47	BT	5471.5	120.	120.							
48											
49											
50	GR120.	4095.	117.75	4230.	115.	4395.	110.51	4660.	110.	4690.	
51											
52											
53	GR105.864800.		103.98	4850.		100.22	4950.	98.34	4999.99	98.34	5000.
54											
55											
56	GR98.34	5000.01	98.39	5002.	98.44	5004.	98.46	5005.	98.29	5010.	
57											

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1										
2	GR98.28	5011.9	98.28	5011.91	98.28	5012.5	98.28	5013.1	98.28	5013.11
3										
4										
5	GR98.28	5015.	93.3	5015.01	94.3	5020.	98.28	5020.01	98.28	5020.9
6										
7										
8	GR98.28	5020.91	98.28	5021.5	98.28	5022.1	98.28	5022.11	98.28	5023.
9										
10										
11	GR93.6	5023.01	93.25	5025.	93.	5027.5	98.28	5027.51	98.29	5029.4
12										
13										
14	GR98.29	5029.41	98.29	5030.	98.29	5030.6	98.29	5030.61	99.09	5035.
15										
16										
17	GR99.51	5038.5	99.51	5038.51	99.23	5041.5	99.23	5041.51	108.21	5091.5
18										
19										
20	GR110.	5101.5	111.54	5121.5	115.	5166.5	120.	5471.5		
21										
22										
23	NC.1	.1	.05	.1	.3					
24										
25										
26	NH4.	.18	5367.	.05	5396.	.3	5421.9	100.	5650.	
27	ET							9.11		
28								10.141	5196.	5396.
29	X155760.21.		5367.	5396.	104.4	84.4	89.5			
30										
31										
32	GR125.	5000.	120.	5020.	115.	5045.	110.	5065.	110.69	5110.
33										
34										
35	GR102.9	5230.	97.63	5239.	97.02	5243.	97.63	5244.	102.96	5254.
36										
37										
38										
39	GR104.275304.		102.24	5367.	94.97	5368.	94.51	5376.	94.43	5384.
40										
41	GR94.97	5392.	100.27	5396.	110.23	5421.	115.	5530.	120.	5595.
42										
43										
44	GR125.	5650.								
45										
46										
47	NH5.	100.	4790.	.25	4985.	.05	5060.	.16	5182.	100.
48										
49									4900.	
50	NH5722.								4800.	
51	ET							9.11	4900.	5060.
52										
53	X156878.28.		4985.	5060.	1108.5	1221.5	1118.5		-.09	
54										
55										
56	GR150.	3991.	145.	4011.	140.	4033.	135.	4061.	130.	4079.
57										

14112 G.B.

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14112 G.S.

1										
2	GR125.	4099.	120.	4137.	115.	4177.	110.	4327.	105.	4525.
3										
4										
5	GR105.	4545.	107.	4790.	105.	4985.	95.9	5000.	95.7	5010.
6										
7										
8	GR95.1	5012.5	96.1	5015.	99.	5020.	99.6	5030.	110.	5060.
9										
10										
11	GR115.	5072.	120.	5182.	125.	5262.	130.	5287.	135.	5427.
12										
13										
14	GR140.	5542.	145.	5607.	150.	5722.				
15										
16										
17	NC			.3	.5					
18										
19										
20	NH5.	100.	4790.	.25	4985.	.05	5060.	.16	5182.	100.
21										
22										
23	NH5722.								4900.	
24									4800.	
25	ET						9.11		4700.	5060.
26	X157033.			155.	155.	155.			.09	
27										
28										
29	X310.							110.	110.	
30										
31										
32	NH5.	100.	4790.	.25	4999.99	.05	5042.	.16	5145.	100.
33										
34										
35	NH5655.									
36										
37										
38	SB1.25	1.56	3.1 2.6	0.0	12.95	0.0	272.	1.467	95.1	35.1
39										
40	ET							9.11	4900.	5060.
41	X157056.38.		4999.99	5042.	23.	23.	23.		4800.	
42									4900.	
43										
44	X2		1.	105.	107.5					
45										
46										
47	X310.							107.5	115.38	
48										
49										
50	BT-38.	4110.	150.	150.	4130.	145.	145.	4143.	140.	140.
51										
52										
53	BT	4163.	135.	135.	4178.	130.	130.	4203.	125.	125.
54										
55									117.	
56	BT	4238.	120.	120.	4290.	115.	115.	4425.	110.	110.
57									115.	

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1										
2	BT	4720.	^{116.} 107.5	107.5	4790.	^{115.} 107.5	107.5	4795.	^{115.} 110.	107.5
3										
4	BT	4815.	115.	107.4	4999.99	115.35	95.9	5000.	115.35	105.
5										
6										
7	BT	5001.	115.37	105.	5005.	115.44	105.	5010.	115.47	105.
8										
9										
10	BT	5012.	115.43	105.	5012.5	115.42	105.	5015.	115.42	105.
11										
12										
13	BT	5020.	115.44	105.	5023.	115.43	105.	5023.5	115.43	105.
14										
15										
16	BT	5025.	115.42	105.	5030.	115.42	105.	5035.	115.42	105.
17										
18										
19	BT	5040.	115.4	105.	5041.	115.39	105.	5042.	115.38	105.
20										
21										
22	BT	5085.	118.	118.	5145.	120.	120.	5180.	125.	125.
23										
24										
25	BT	5215.	130.	130.	5360.	135.	135.	5475.	140.	140.
26										
27										
28	BT	5540.	145.	145.	5655.	150.	150.			
29										
30										
31										
32	GR150.	4110.	145.	4130.	140.	4143.	135.	4163.	130.	4178.
33										
34										
35	GR125.	4203.	120.	4238.	115.	4290.	110.	4425.	107.5	4720.
36										
37										
38	GR107.5	4790.	107.5	4795.	107.4	4815.	95.9	4999.99	95.9	5000.
39										
40										
41	GR95.9	5001.	95.9	5005.	95.7	5010.	95.22	5012.	95.1	5012.5
42										
43										
44	GR96.1	5015.	99.6	5020.	99.6	5023.	99.6	5023.5	99.6	5025.
45										
46										
47	GR99.9	5030.	101.4	5035.	102.93	5040.	103.23	5041.	105.	5042.
48										
49										
50	GR118.	5085.	120.	5145.	125.	5180.	130.	5215.	135.	5360.
51										
52										
53	GR140.	5475.	145.	5540.	150.	5655.				
54										
55										
56	NH5.	100.	4922.	.25	4980.	.05	5042.	.16	5258.	100.
57										

14112 G.S.

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14112 G. B.

NH5890.

10.41

X157744.40. 4990. 5042. 688. 688. 688. 1.95

GR150. 4175. 145. 4195. 140. 4215. 135. 4240. 130. 4260.

GR125. 4292. 120. 4340. 115. 4385. 115. 4550. 116. 4795.

GR115. 4900. 110. 4922. 105. 4980. 95.9 5000. 95.9 5001.

GR95.9 5005. 95.7 5010. 95.22 5012. 95.1 5012.5 96.1 5015.

GR99.6 5020. 99.6 5023. 99.6 5023.5 99.6 5025. 99.9 5030.

GR101.4 5035. 102.93 5040. 103.23 5041. 105. 5042. 110. 5172.

GR115. 5258. 120. 5335. 120. 5455. 120. 5560. 125. 5660.

GR130. 5690. 135. 5732. 140. 5775. 145. 5810. 150. 5890.

GT7. 1600. 2990. 3710. 6020. 3710. 2280. 3710.

NC. 1 .1 .05 .1 .3

NH5. 100. 4850. .15 4950. .05 5037. .15 5136. 100.

NH5406.

7.11 4920. 5040.

X158518.25. 4950. 5037. 828.75 728.75 774. -.43

GR140. 3951. 120. 4171. 112.02 4800. 112.03 4850. 112.09 4900.

GR112.124950. 99.9 4999.99 99.9 5000. 99.9 5002. 99.9 5002.01

GR100.1 5005. 100.4 5010. 100.3 5015. 100.7 5020. 103. 5025.

GR105.1 5030. 105.6 5036. 106.6 5036.01 106.6 5037. 113.96 5086.

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14112 G.S.

1										
2	GR112.124950.	99.9	4999.99	99.9	5000.	99.9	5002.	99.9	5002.01	
3										
4										
5	GR100.1 5005.	100.4	5010.	100.3	5015.	100.7	5020.	103.	5025.	
6										
7										
8	GR106.1 5030.	106.6	5036.	106.6	5036.01	106.6	5037.	113.96	5086.	
9										
10										
11	GR115.785136.	118.52	5179.	121.	5256.	125.	5371.	130.	5406.	
12										
13										
14	NH5.	100.	4850.	.15	5000.	.05	5037.	.15	5136.	100.
15										
16										
17	NH5406.									
18										
19	<i>ET</i>						9.11	4920.	5040.	
20	X158676.			21.5	21.5	21.5				
21										
22										
23	X2					1.				
24										
25										
26	NH5.	100.	4850.	.15	4950.	.05	5037.	.15	5136.	100.
27										
28										
29	NH5406.									
30										
31	<i>ET</i>						9.11	4920.	5040.	
32	X158677.25.		4950.	5037.	1.	1.	1.			
33										
34										
35	X310.						112.02			
36										
37										
38	GR140.	3951.	120.	4171.	112.02	4800.	112.03	4850.	112.09	4900.
39										
40										
41	GR112.124950.	99.9	4999.99	99.9	5000.	99.9	5002.	99.9	5002.01	
42										
43										
44	GR100.1 5005.	100.4	5010.	100.3	5015.	100.7	5020.	103.	5025.	
45										
46										
47	GR106.1 5030.	106.6	5036.	106.6	5036.01	106.6	5037.	113.96	5086.	
48										
49										
50	GR115.785136.	118.52	5179.	121.	5256.	125.	5371.	130.	5406.	
51										
52										
53	NH5.	100.	4850.	.15	4950.	.05	5037.	.15	5136.	100.
54										
55										
56	NH5406.									
57										

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ET

9.11 9920. 5090.

X158710. 33. 33. 33. .16

NH4. .18 5625. .06 5682. .18 5842. 100. 6045.

ET

10.41

X160688.22. 5625. 5682. 4355.25 1985.25 1978.

GR150. 5000. 145. 5020. 140. 5078. 135. 5092. 130. 5108.

GR125. 5135. 120. 5170. 117. 5462. 115. 5625. 107.8 5640.

GR107.3 5645. 107.12 5660. 107.3 5665. 107.8 5667. 110. 5682.

GR115. 5738. 120. 5775. 125. 5842. 130. 5848. 135. 5940.

GR140. 5998. 145. 6045.

NC.1 .1 .05 .1 .3

NH4. .18 5045. .06 5089. .18 5340. 100. 5840.

ET

9.11

X161805.17. 5045. 5089. 1030. 1060. 1117.

5245. 5345.
5195. 5245.
5195.
5215.

X42. 121. 5045. 119.5 5340.

GR140. 5000. 135. 5022. 130. 5041. 112.9 5049. 112. 5052.

GR111.765059. 111.25 5072. 111.08 5079. 112. 5084. 118.74 5089.

GR119.795099. 119.23 5114. 120. 5695. 125. 5765. 130. 5805.

GR135. 5825. 140. 5840.

NH5. 100. 4850. .18 4950. .06 5092. .18 5242. 100.

NH6350.

9.11

X162231.31. 4950. 5092. 426.5 364.5 426.5

52501 5300. 5400.
5150. 5300.
5200.
5250.
5270.

- .25

14112 G.B.

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14112 G.B.

1	GR155.	4780.	150.	4800.	125.	4850.	121.46	4900.	121.84	4950.		
2												
3												
4	GR115.	4999.99	115.	5000.	115.	5005.	114.9	5008.	114.9	5008.01		
5												
6												
7	GR113.8	5010.	113.3	5012.	112.8	5015.	112.4	5020.	112.9	5025.		
8												
9												
10	GR113.1	5027.	114.8	5030.	114.8	5030.01	115.	5035.	115.	5040.		
11												
12												
13	GR115.	5042.	115.	5042.01	121.81	5092.	120.92	5142.	120.59	5192.		
14												
15												
16	GR120.645242.		120.	5700.	125.	5785.	130.	6140.	135.	6220.		
17												
18												
19	GR140.	6350.										
20												
21												
22	NC			.3	.5							
23												
24												
25	NH5.	100.	4850.	.18	4950.	.06	5092.	.18	5242.	100.		
26												
27												
28	NHG350.										5300.	5400.
29											5250.	5300.
30												
31	ET						7.11	4950.	5150.	5200.		
32	X162318.			87.	87.	87.		.25			5250.	5270.
33												
34												
35	X310.						121.46	120.				
36												
37												
38	NH5.	100.	4850.	.18	5000.	.06	5042.	.18	5242.	100.		
39												
40												
41	NHG350.											
42												
43												
44	SB1.25	1.56	2.6	0.0	10.	0.0	241.	3.538	112.4	112.4	5300.	5400.
45												
46	ET						7.11	4950.	5150.	5200.	5300.	5400.
47	X162341.31.		5000.	5042.	23.	23.	23.				5200.	5250.
48												
49												
50	X2		1.	119.36	120.						5250.	5270.
51												
52												
53	X310.						121.46	120.				
54												
55												
56	B7-31.	4780.	155.	155.	4800.	150.	150.	4850.	125.	125.		
57												

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ET

X162362.31. 4950. 5092. 21. 21. 21. .04

9.11 4950. 5400. 5300. 5200. 5150. 5100. 5050. 5000. 4950.

GR155. 4780. 150. 4800. 125. 4850. 121.46 4900. 121.84 4950.

GR115. 4999.99 115. 5000. 115. 5005. 114.9 5008. 114.9 5008.01

GR113.8 5010. 113.3 5012. 112.8 5015. 112.4 5020. 112.9 5025.

GR113.1 5027. 114.8 5030. 114.8 5030.01 115. 5035. 115. 5040.

GR115. 5042. 115. 5042.01 121.81 5092. 120.92 5142. 120.59 5192.

BR120.645242. 120. 5700. 125. 5785. 130. 6140. 135. 6220.

GR140. 6350.

NC. 1 .1 .05 .1 .3

NHS. 100. 5155. .18 5250. .06 5310. .18 5900. 100.

NH6915.

X162973.23. 5250. 5310. 605.5 530.5 611.

GR175. 5000. 170. 5018. 165. 5042. 160. 5073. 155. 5100.

GR150. 5127. 125. 5155. 120. 5178. 120. 5250. 114.2 5258.

GR113.2 5280. 114.2 5292. 119.5 5310. 119. 5328. 120. 5900.

GR125. 6330. 130. 6365. 135. 6450. 140. 6685. 145. 6799.

GR150. 6822. 155. 6875. 160. 6915.

NH6. 100. 5067. .18 5340. .15 5679.5 .06 5740.5 .18

NH5920. 100. 6593.

ET

9.11 5919. 5970.

1										
2	X163615.18.	5679.5	5740.5	738.	398.	642.				
3										
4										
5	X42.	119.5	5340.	120.1	5920.					
6										
7										
8	GR140.	5000.	135.	5032.	130.	5067.	125.	5080.	120.	5149.
9										
10										
11	GR119.295679.5	114.34	5685.5	113.99	5695.5	114.09	5702.5	114.34	5714.5	
12										
13										
14	GR115.435720.5	118.63	5737.5	120.93	5740.5	120.	5970.	125.	6340.	
15										
16										
17	GR120.	6393.	135.	6460.	140.	6593.				
18										
19										
20	NH6.	100.	4706.	.18	4850.	.15	4950.	.06	5086.	.18
21										
22										
23	NH5236.	100.	5631.							
24										
25	ET						9.11	4868.	5268.	5318.
26	X164740.34.	4950.	5086.	1068.5	1005.5	1125.5				
27										
28										
29	GR150.	4496.	145.	4526.	140.	4591.	135.	4656.	130.	4706.
30										
31										
32	GR125.	4766.	125.	4800.	127.	4850.	126.56	4878.	126.25	4900.
33										
34										
35	GR125.764950.	116.	4999.	116.	5000.	116.	5000.01	115.9	5005.	
36										
37										
38	GR116.4	5007.	116.9	5010.	117.3	5015.	117.5	5020.	117.5	5025.
39										
40										
41	GR117.9	5030.	118.	5035.	118.1	5035.01	118.1	5036.	125.5	5086.
42										
43										
44	GR125.655136.	125.67	5186.	125.95	5236.	125.	5436.	130.	5468.	
45										
46										
47	GR135.	5496.	140.	5536.	145.	5586.	150.	5631.		
48										
49										
50	NC.		.3	.5						
51										
52										
53	NH6.	100.	4706.	.18	4850.	.15	4950.	.06	5086.	.18
54										
55										
56	NH5236.	100.	5631.							
57										

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528, 5318.

9.11 4868. 5168.

5268, 5318.

1										
2	X164871.			131.	131.	131.		.22		
3										
4										
5	X310.						125.	125.		
6										
7										
8	NH6.	100.	4706.	.18	4850.	.15	5000.	.045	5036.	.18
9										
10										
11	NH5236.	100.	5631.							
12										
13										
14	SB1.25	1.56	2.6	0.0	21.97	0.0	220.	.924	115.9	115.5
15										
16										
17	X164898.	34.	5000.	5036.	27.	27.	27.			
18										
19										
20										
21										
22	X2		1.	123.49	125.					
23										
24										
25	X310.						125.	125.		
26										
27	BT-34.	4496.	150.	150.	4526.	145.	145.	4591.	140.	140.
28										
29	BT	4656.	135.	135.	4706.	130.	130.	4766.	125.	125.
30										
31	BT	4800.	125.	125.	4850.	127.	127.	4878.	126.56	126.56
32										
33										
34	BT	4900.	126.25	126.25	4950.	125.76	125.76	4999.	125.35	116.
35										
36										
37	BT	5000.	125.35	116.	5000.01	127.72	123.42	5005.	127.74	123.42
38										
39										
40	BT	5007.	127.74	123.41	5010.	127.75	123.4	5015.	127.76	123.38
41										
42										
43	BT	5020.	127.77	123.42	5025.	127.78	123.45	5030.	127.78	123.49
44										
45										
46	BT	5035.	127.8	123.52	5035.01	127.8	118.1	5036.	125.41	118.1
47										
48										
49	BT	5086.	125.5	125.5	5136.	125.65	125.65	5186.	125.67	125.67
50										
51										
52	BT	5236.	125.98	125.95	5436.	125.	125.	5468.	130.	130.
53										
54										
55	BT	5496.	135.	135.	5536.	140.	140.	5586.	145.	145.
56										
57										

1											
2	BT	5631.	150.	150.							
3											
4											
5	GR150.	4496.	145.	4526.	140.	4591.	135.	4656.	130.	4706.	
6											
7											
8	GR125.	4766.	125.	4800.	127.	4850.	126.56	4878.	126.25	4900.	
9											
10											
11	GR125.764950.		116.	4999.	116.	5000.	116.	5000.01	115.9	5005.	
12											
13											
14	GR116.4	5007.	116.9	5010.	117.3	5015.	117.5	5020.	117.5	5025.	
15											
16											
17	GR117.9	5030.	118.	5035.	118.1	5035.01	118.1	5036.	125.5	5086.	
18											
19											
20	GR125.655136.		125.67	5186.	125.95	5236.	125.	5436.	130.	5468.	
21											
22											
23	GR135.	5496.	140.	5536.	145.	5586.	150.	5631.			
24											
25											
26	NHG.	100.	4706.	.18	4850.	.25	4950.	.06	5086.	.18	
27											
28											
29	NH5236.	100.	5631.								
30	<i>BT</i>						9.11	4868.	5468.	5268.	
31										5310.	
32	X164930.	34.	4950.	5086.	32.	32.	32.	.13			
33											
34											
35	GR150.	4496.	145.	4526.	140.	4591.	135.	4656.	130.	4706.	
36											
37											
38	GR125.	4766.	125.	4800.	127.	4850.	126.56	4878.	126.25	4900.	
39											
40											
41	GR125.764950.		116.	4999.	116.	5000.	115.	5000.01	115.9	5005.	
42											
43											
44	GR116.4	5007.	116.9	5010.	117.3	5015.	117.5	5020.	117.5	5025.	
45											
46											
47	GR117.9	5030.	118.	5035.	118.1	5035.01	118.1	5036.	125.5	5086.	
48											
49											
50	GR125.655136.		125.67	5186.	125.95	5236.	125.	5436.	130.	5468.	
51											
52											
53	GR135.	5496.	140.	5536.	145.	5586.	150.	5631.			
54											
55											
56	NC.1	.1	.05	.1	.3						
57											
58											
59											
60											
61											
62											
63											
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14112 G.S.

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14112

1										
2	NH5.	100.	5180.	.18	5240.	.06	5280.	.18	5540.	100.
3										
4										
5	NH5140.									
6										
7	<i>ET</i>							<i>10.4-1</i>		
8	X166315.22.		5240.	5280.	1317.5	1617.5	1385.			
9										
10										
11	GR175.	5000.	170.	5030.	165.	5060.	160.	5100.	155.	5130.
12										
13										
14	GR150.	5180.	125.	5240.	121.	5255.	120.5	5260.	119.54	5267.5
15										
16										
17	GR120.5	5275.	121.	5280.	122.3	5540.	125.	5975.	130.	5990.
18										
19										
20	GR135.	6010.	140.	6030.	145.	6060.	150.	6085.	155.	6095.
21										
22										
23	GR130.	6130.	165.	6140.						
24										
25										
26	NC.1	.1	.05	.1	.3					
27										
28										
29	NH5.	100.	5435.	.15	5631.	.06	5672.	.18	5890.	100.
30										
31										
32	NH5235.									
33										
34										
35	X166765.21.		5631.	5672.	450.	480.	450.			
36										
37										
38	X42.	127.	5435.	126.5	5850.					
39										
40										
41	GR150.	5000.	145.	5048.	140.	5070.	135.	5130.	130.	5165.
42										
43										
44	GR125.	5145.	129.76	5631.	125.89	5635.	125.97	5641.	124.	5643.5
45										
46										
47	GR122.	5647.3	120.69	5652.	121.6	5650.	122.	5662.	123.29	5663.
48										
49										
50	GR128.025672.		125.	6090.	130.	6120.	135.	6160.	140.	6190.
51										
52										
53	GR150.	6235.								
54										
55										
56	QT7.	1300.	2530.	3160.	5040.	3160.	1900.	3160.		
57										

U.S. GOVERNMENT PRINTING OFFICE

14112 G.B.

1										
2	BT	5013.5	146.81	139.92	5014.38	146.74	141.57	5015.69	145.64	142.24
3										
4										
5	BT	5017.	146.57	142.42	5018.31	146.49	142.24	5019.63	146.4	141.57
6										
7										
8	BT	5020.5	146.35	139.92	5022.5	146.23	139.92	5023.38	146.17	141.47
9										
10										
11	BT	5024.69	146.09	142.14	5026.	146.24	142.32	5027.31	146.24	142.14
12										
13										
14	BT	5028.63	146.23	141.47	5029.5	146.23	139.82	5030.	146.23	139.9
15										
16										
17	BT	5035.	146.19	144.2	5040.	146.09	145.5	5063.	145.97	144.
18										
19										
20	BT	5090.	144.95	144.46	5140.	144.85	144.85	5190.	145.27	145.27
21										
22										
23	BT	5240.	146.33	146.33	5298.	148.	148.	5378.	152.	152.
24										
25										
26	BT	5386.	156.	156.	5406.	160.	160.			
27										
28										
29	GR154.394800.	159.95	4850.	160.	4073.	155.84	4900.	151.58	4950.	
30										
31										
32	GR148. 4990.	146.5	5000.	145.2	5005.	142.2	5010.	139.92	5013.5	
33										
34										
35	GR138.875014.38	137.6	5015.	137.6	5015.69	137.42	5017.	137.6	5018.31	
36										
37										
38	GR138.275019.63	139.92	5020.5	139.92	5022.5	139.92	5022.51	138.17	5023.38	
39										
40										
41	GR137.5 5024.68	137.1	5025.	137.32	5026.	137.5	5027.31	138.17	5028.63	
42										
43										
44	GR139.825029.5	139.9	5030.	144.2	5035.	145.5	5040.	144.	5063.	
45										
46										
47	GR144.465020.	144.85	5140.	145.27	5190.	146.33	5240.	148.	5298.	
48										
49										
50	GR152. 5378.	156.	5386.	160.	5406.					
51										
52										
53	NH5. 100.	4850.	.25	5000.	.045	5040.	.18	5378.	100.	
54										
55										
56	NH5406.									
57										

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14112 G.D.

1										
2	X172146.			42.	42.	42.				
3										
4										
5	X2							1.		
6										
7	NH5.	100.	4850.	.25	5000.	.065	5040.	.18	5378.	100.
8										
9										
10	NH5406.									
11										
12										
13										
14	X172147.24.		5000.	5040.	1.	1.	1.			
15										
16										
17	X310.							147.85	144.85	
18										
19	GR164.394800.		159.95	4850.	160.	4873.	155.84	4900.	151.58	4950.
20										
21										
22	GR148.	4990.	146.5	5000.	145.2	5005.	142.2	5010.	137.8	5015.
23										
24										
25										
26	GR136.625020.		137.1	5025.	139.9	5030.	144.2	5033.	145.5	5040.
27										
28										
29	GR144.	5063.	144.46	5090.	144.85	5140.	145.27	5190.	146.33	5240.
30										
31										
32	GR148.	5298.	152.	5378.	156.	5386.	160.	5406.		
33										
34										
35	NH5.	100.	4850.	.25	5000.	.065	5040.	.18	5378.	100.
36										
37										
38	NH5406.									
39										
40										
41	X172160.			13.	13.	13.		.13		
42										
43										
44	ND.1	.1	.05	.1	.3					
45										
46	NH2.	.25	5000.	.065	5014.5	.18				
47										
48										
49	ET.									
50	X173452.24.		5000.	5014.5	1277.5	1202.5	1292.5			.14
51	X21.	122.91	5187.							
52										
53	GR160.	4885.	152.	4900.	148.	4950.	148.	4965.	148.5	5000.
54										
55										
56	GR141.8	5000.01	142.	5003.5	142.	5003.51	141.8	5006.49	141.8	5006.5
57										

1.00
0.52 5755
5187
5755
9.91
9.91
4950
5187

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14112 G.B.

1	X2						1.				
2											
3											
4	NH3	.25	5000.	.065	5014.5	.18	5187	1.00			
5							5755.	0.50	5755.		
6											
7	X173492.						1.	1.	1.		
8											
9											
10	X310.							144.	148.		
11											
12											
13	NH3	.25	5000.	.065	5014.5	.18	5187	1.00			
14							5755.	0.50	5755.		
15											
16	X173500.						8.	8.	8.	.03	
17											
18											
19	NC. 1	.1	.05	.1	.3						
20											
21											
22	NH4.	.25	4850.	.12	5020.	.065	5050.	.18	5194.5	4800.	
23											
24											
25	ET										
26	X174626.24.		5020.	5050.	1101.	1101.	1126.5	7.11	4850.	5050.	
27											
28											
29	X42.	155.77	4810.	155.82	4850.						
30											
31											
32	BR160.	4480.	155.6	4900.	156.9	4930.	157.23	4936.	157.34	4950.	
33											
34											
35	BR155.7	5000.	155.7	5005.	155.9	5010.	155.8	5015.	155.2	5020.	
36											
37											
38	BR153.8	5025.	145.3	5027.5	144.9	5030.	144.5	5035.	146.1	5045.	
39											
40											
41	BR152.9	5050.	155.8	5055.	157.4	5060.	158.1	5065.	158.5	5070.	
42											
43											
44	BR160.495075.5		163.71	5125.5	166.65	5175.5	167.33	5194.5			
45											
46											
47	NC			.3	.5						
48											
49											
50	NH4.	.25	4850.	.12	5020.	.065	5050.	.18	5194.5		
51											
52	ET										
53	X174681.			55.	55.	55.		7.11	4850.	5050.	
54											
55											
56	X310.							155.7	158.5		
57											

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14112 G.B.

1										
2	NH4.	.25	9850.	.12	5020.	.065	5050.	.18	5194.5	
3										
4										
5	SB1.25	2.61	2.6	0.0	7.	4.	51.	1.340	145.	145.
6										
7	<i>ET</i>							<i>7.11</i>	4850.	5050.
8	X174748.36.		5020.	5050.	67.	67.	67.		4750.	
9										
10									4790.	4800.
11	X2		1.	150.15	155.60					
12										
13										
14	X310.							155.6	158.5	
15										
16										
17	X42.	156.	4810.	155.82	4850.					
18										
19										
20	BT-37.	4480.	160.	160.	4810.	156.	156.	4900.	155.6	155.6
21										
22										
23	BT	4930.	156.9	156.9	4936.	157.23	157.23	4950.	157.34	157.34
24										
25										
26	BT	5000.	155.7	155.7	5000.01	159.2	155.7	5005.	159.32	155.7
27										
28										
29	BT	5010.	159.46	155.9	5015.	159.57	155.8	5020.	159.69	155.2
30										
31										
32	BT	5025.	159.8	153.8	5027.5	159.85	147.65	5028.67	159.87	149.51
33										
34										
35	BT	5029.63	159.9	150.01	5031.	159.92	150.15	5032.17	159.96	150.01
36										
37										
38	BT	5033.33	160.	149.51	5034.5	160.04	147.65	5038.5	160.19	147.5
39										
40										
41	BT	5039.67	160.23	149.36	5040.83	160.28	149.86	5042.	160.32	150.
42										
43										
44	BT	5043.17	160.34	149.86	5044.33	160.37	149.36	5045.5	160.39	147.5
45										
46										
47	BT	5050.	160.63	152.9	5055.	160.86	155.8	5060.	161.1	157.4
48										
49										
50	BT	5065.	161.33	158.1	5069.99	161.53	158.5	5070.	158.5	158.5
51										
52										
53	BT	5075.5	160.49	160.49	5125.5	163.71	163.71	5170.5	166.63	166.65
54										
55										
56	BT	5194.5	167.33	167.33						
57										

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14112 G.B.

1										
2	GR154.025519.	150.21	5522.	148.	5524.	147.21	5525.	147.62	5531.	
3										
4										
5	GR148. 5536.	150.57	5540.	153.57	5550.	152.	5565.	159.	5600.	
6										
7										
8	GR160. 5545.	164.	5660.	168.	5690.	172.	5715.	180.	5810.	
9										
10										
11	NH6. 100.	4732.	.18	4950.	.12	4999.	.065	5045.	.18	
12										
13										
14	NH5098. 100.	5297.								
15										
16										
17	X176092. 30.	4999.	5045.	107.5	107.5	107.5		.3		
18										
19										
20	GR180. 4632.	176.	4657.	172.	4677.	150.	4732.	158.8	4800.	
21										
22										
23	GR158.1 4850.	157.7	4900.	157.1	4950.	156.3	4999.	156.46	5000.	
24										
25										
26	GR154.5 5005.	152.7	5010.	152.5	5013.	148.1	5015.	148.1	5020.	
27										
28										
29	GR147.7 5025.	147.7	5027.	148.	5030.	148.5	5033.	148.6	5035.	
30										
31										
32	GR151.9 5040.	157.2	5045.	158.7	5048.	158.87	5049.	164.6	5098.	
33										
34										
35	GR167.6 5148.	169.9	5198.	172.	5227.	176.	5277.	180.	5297.	
36										
37										
38	NC		.3	.5						
39										
40										
41	NH6. 100.	4732.	.18	4950.	.12	4999.	.065	5045.	.18	
42										
43										
44	NH5098. 100.	5297.								
45										
46										
47	X176251.			129.	179.	159.		.3		
48										
49										
50	X310.						156.3	159.17		
51										
52										
53	NH6. 100.	4732.	.18	4950.	.12	4999.	.045	5045.	.18	
54										
55										
56	NH5098. 100.	5297.								
57										

PRINTED IN U.S.A.

4

7

14112 C.B.

PRINTED IN U.S.A.

1	NH5700.									
2										
3										
4										
5	X17804B.			1.	1.	1.				
6										
7	BT-25.	4800.	180.	180.	4860.	164.	164.	4880.	162.	162.
8										
9										
10	BT	4890.	160.	160.	4900.	162.17	162.17	4950.	162.87	162.87
11										
12										
13	BT	5000.	163.07	163.07	5000.01	163.17	161.97	5005.	162.97	161.77
14										
15										
16	BT	5010.	162.8	161.6	5012.	162.7	161.5	5015.	162.33	161.39
17										
18										
19	BT	5018.	162.61	161.41	5020.	162.64	161.44	5025.	162.7	161.5
20										
21										
22										
23	BT	5030.	162.73	161.53	5033.07	162.79	161.59	5035.	162.83	162.67
24										
25										
26	BT	5040.	162.86	162.77	5040.01	162.77	162.77	5090.	162.07	162.07
27										
28										
29	ST	5140.	162.47	162.47	5190.	163.27	163.27	5217.	164.37	164.37
30										
31										
32	BT	5547.	164.	164.						
33										
34										
35	NH5.	100.	4900.	.19	5000.	.045	5040.	.15	5217.	.25
36										
37										
38										
39										
40										
41	X178061.			13.	13.	13.				
42										
43										
44	X2					1.				
45										
46										
47	NH5.	100.	4900.	.19	5000.	.058	5040.	.15	5217.	.25
48										
49										
50										
51										
52										
53	X178062.			1.	1.	1.				
54										
55										
56	X310.							154.	162.07	
57										
58										
59										
60										
61										
62										
63										
64										
65										
66										
67										
68										
69										
70										
71										
72										
73										
74										
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76										

1											
2	NH5.	100.	4900.	.19	5000.	.058	5040.	.15	5217.	.25	
3											
4	NH5700.										
5	<i>ET</i>							7.41			
6	X178094.				32.	32.	32.			-0.04	
7											
8	QT7.	1340.	2770.	3430.	5100.	3430.	2030.	3430.			
9											
10											
11	ND. 1	.1	.05	.1	.3						
12											
13	NH6.	100.	5146.	.19	5206.	.058	5246.	.15	5445.	.25	
14											
15	NH5792.	100.	5970.								
16	<i>ET</i>							9.11	5206.	5362.	
17	X178235.	25.	5206.	5246.	110.5	110.5	141.				
18											
19	GR180.	5000.	176.	5020.	172.	5040.	162.1	5146.	163.2	5206.	
20											
21	GR158.	985224.	155.97	5230.	155.14	5236.	154.61	5242.	154.27	5243.	
22											
23	GR155.	145244.	160.83	5246.	162.34	5296.	163.	5345.	163.	5385.	
24											
25	GR164.	5415.	165.	5445.	167.	5530.	167.	5585.	166.	5650.	
26											
27	GR166.	5715.	168.	3792.	171.	5862.	176.	5935.	180.	5970.	
28											
29	NH5.	.19	5000.	.058	5036.	.15	5250.	.25	5546.	100.	
30											
31	NH5661.										
32	<i>ET</i>							5.41			
33	X179268.	29.	5000.	5036.	973.5	893.5	1033.5			-0.62	
34											
35	X41.	166.2	5250.								
36											
37	GR182.8	4800.	178.	4850.	173.4	4900.	170.2	4950.	162.4	5000.	
38											
39	GR162.4	5000.01	162.4	5001.	162.4	5001.01	163.2	5005.	161.1	5010.	
40											
41											
42											
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56											
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141258

141258

1										
2	GR159.7	5015.	159.3	5020.	159.6	5025.	159.8	5028.	160.6	5030.
3										
4										
5	GR162.	5035.	162.	5035.01	162.3	5036.	162.3	5037.	167.	5086.
6										
7										
8	GR166.9	5136.	166.8	5186.	166.6	5236.	168.	5326.	168.	5491.
9										
10										
11	GR172.	5521.	172.	5546.	176.	5646.	180.	5661.		
12										
13										
14	NC			.3	.5					
15										
16										
17	NH5.	.19	5000.	.058	5036.	.15	5250.	.25	5546.	100.
18										
19										
20	NH5661.							9.11		
21	<i>ET</i>							8.11	5000.	5300.
22										
23	X179403.				135.	135.	135.		.62	
24										
25										
26	X310.							170.2	166.6	
27										
28										
29	NH5.	.19	5000.	.045	5036.	.15	5250.	.25	5546.	100.
30										
31										
32	NH5661.							9.11		
33	<i>ET</i>							8.11	5000.	5300.
34										
35	X179404.				1.	1.	1.			
36										
37										
38	BT-29.	4800.	182.8	182.8	4850.	178.	178.	4900.	173.4	173.4
39										
40										
41	BT	4950.	170.2	170.2	5000.	170.49	162.4	5000.01	170.48	162.4
42										
43										
44	BT	5001.	170.48	162.4	5001.01	170.48	165.29	5005.	170.46	165.29
45										
46										
47	BT	5010.	170.43	165.33	5015.	170.39	165.38	5020.	170.37	165.42
48										
49										
50	BT	5025.	170.32	165.41	5028.	170.3	165.4	5030.	170.29	165.39
51										
52										
53	BT	5035.	170.3	165.37	5035.01	170.3	162.	5036.	170.3	162.3
54										
55										
56	BT	5037.	167.6	162.3	5086.	167.	167.	5136.	166.9	166.9
57										
58										
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14112 G.B.

Y 571 N. 031100

1										
2	BT	5185.	168.8	166.9	5236.	166.6	166.6	5325.	168.	168.
3										
4	BT	5491.	168.	168.	5521.	172.	172.	5546.	172.	172.
5										
6										
7	BT	5646.	176.	176.	5661.	180.	180.			
8										
9										
10	NHS.	.21	5000.	.045	5036.	.15	5250.	.25	5546.	100.
11										
12										
13	NHS661.									
14	<i>ET</i>									
15										
16	X179425.				21.	21.	21.	<i>9.11</i>	5000.	5300.
17										
18										
19	X2						1.			
20										
21										
22	NHS.	.21	5000.	.058	5036.	.15	5250.	.25	5546.	100.
23										
24										
25	NHS661.									
26	<i>ET</i>									
27										
28	X179426.				1.	1.	1.	<i>9.11</i>	5000.	5300.
29										
30										
31	X310.							170.2	166.6	
32										
33										
34	NHS.	.21	5000.	.058	5036.	.15	5250.	.25	5546.	100.
35										
36										
37	NHS661.									
38	<i>ET</i>									
39										
40	X179459.				33.	33.	33.		.16	
41										
42										
43	NC. 1	.1	.05	.1	.3					
44										
45										
46	NH4.	.21	5043.	.058	5076.	.15	5220.	.25	5510.	
47										
48	<i>ET</i>									
49	X180345.	21.	5043.	5076.	875.5	955.5	886.	<i>6.11</i>		
50										
51										
52	GR182.	5000.	180.	5005.	172.	5030.	167.73	5043.	163.63	5052.
53										
54										
55	GR163.	5054.	162.75	5057.	162.65	5062.	163.	5066.	164.34	5072.
56										
57										

14112 G.P.

MADE IN U.S.A.

14112 G.B.

1										
2	GR169.245076.	169.24	5076.01	168.	5100.	169.	5150.	170.	5220.	
3										
4										
5	GR170.	5290.	171.	5370.	172.	5415.	174.	5445.	176.	5480.
6										
7										
8	GR180.	5510.								
9										
10										
11	NHS.	.185	5000.	.058	5076.	.15	5226.	.25	5593.	100.
12										
13										
14										
15										
16										
17	X181519.29.	5000.	5076.	1194.5	1169.5	1174.5				
18										
19										
20										
21										
22	GR200.	4803.	196.	4818.	192.	4838.	188.	4898.	179.06	4950.
23										
24										
25										
26	GR169.594999.99	169.59	5000.	169.59	5001.	169.59	5001.01	169.35	5005.	
27										
28										
29										
30										
31										
32	GR169.455009.	168.35	5010.	167.65	5015.	166.85	5020.	167.05	5024.	
33										
34										
35	GR167.055025.	167.05	5025.01	167.05	5026.	167.05	5027.	176.15	5076.	
36										
37										
38										
39										
40										
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9.11 4990. 5100. 5200.

9.11 4990. 5100. 5200.

1										
2	GR188.	5708.	192.	5743.	196.	5758.	200.	5808.		
3										
4										
5	NH5.	.185	5000.	.058	5076.	.15	5226.	.25	5593.	100.
6										
7	NH5808.									
8										
9	<i>ET</i>						9.11	4990.	5190.	5200.
10	X181658.29.	5000.	5076.	23.	23.	23.		.14		
11										
12										
13	GR200.	4803.	196.	4818.	192.	4838.	188.	4898.	179.06	4950.
14										
15										
16										
17	GR169.594999.99	169.59	5000.	169.59	5001.	169.59	5001.01	169.35	5005.	
18										
19										
20	GR169.455009.	168.35	5010.	167.65	5015.	166.85	5020.	167.05	5024.	
21										
22										
23	GR167.055025.	167.05	5025.01	167.05	5026.	167.05	5027.	176.15	5076.	
24										
25										
26	GR175.855126.	176.05	5176.	176.15	5226.	180.	5593.	184.	5683.	
27										
28										
29	GR188.	5708.	192.	5743.	196.	5758.	200.	5808.		
30										
31										
32	NC.1	.1	.05	.1	.3					
33										
34										
35	NH5.	.185	5195.	.058	5245.	.15	5335.	.25	5555.	100.
36										
37										
38	NH5650.									
39	<i>ET</i>						9.11	5190.	5450.	5400.
40	X182335.23.	5195.	5245.	691.5	616.5	677.	6.44			
41										
42										
43	GR200.	5000.	182.	5095.	181.	5150.	180.	5195.	171.	5218.
44										
45										
46										
47	GR170.145220.	169.85	5225.	170.14	5230.5	171.	5232.	178.	5245.	
48										
49										
50	GR179.	5290.	178.	5335.	179.	5405.	179.	5495.	179.	5555.
51										
52										
53	GR180.	5595.	182.	5615.	183.	5645.	184.	5660.	186.	5700.
54										
55										
56	GR192.	5775.	196.	5835.	200.	5850.				
57										

141120.8

141120.8

14112 G.B.

1										
2	NH7.	100.	4850.	.16	4970.	.15	4999.	.058	5024.	.15
3										
4										
5	NH5073.	.25	5173.	100.	5226.					
6										
7										
8	X183492.				1.	1.	1.			
9										
10										
11	BT-25.	4631.	200.	200.	4643.	196.	196.	4661.	192.	192.
12										
13										
14	BT	4706.	188.	188.	4800.	183.41	183.41	4850.	183.21	183.21
15										
16										
17	BT	4900.	182.91	182.91	4950.	182.81	182.81	4999.	183.31	183.31
18										
19										
20	BT	5000.	183.42	181.87	5000.01	183.42	181.87	5005.	183.47	181.84
21										
22										
23	BT	5010.	183.33	181.8	5012.	183.29	181.79	5015.	183.22	161.77
24										
25										
26	BT	5020.	183.35	181.8	5023.	183.37	181.82	5023.01	183.37	181.82
27										
28										
29	BT	5024.	183.22	183.22	5038.	181.82	181.82	5073.	183.62	183.62
30										
31										
32	BT	5123.	187.02	187.02	5173.	192.02	192.02	5198.	195.66	195.66
33										
34										
35	BT	5226.	200.	200.						
36										
37										
38	NH6.	100.	4850.	.16	4999.	.058	5024.	.15	5073.	.25
39										
40										
41	NH5173.	100.	5226.							
42										
43										
44	X183507.				15.	15.	15.			
45										
46										
47	X2						1.			
48										
49										
50	NH6.	100.	4850.	.16	4999.	.058	5024.	.15	5073.	.25
51										
52										
53	NH5173.	100.	5226.							
54										
55										
56	X183508.				1.	1.	1.			
57										

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LOWER CREEK

PRINTED: 01/28/86

ED NO

C

C 200.

C 1750.

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATIONS.

C 1750.

C 1750.

QT VALUES REPRESENT THE FOLLOWING EVENTS.

C 1750.

4-YR. 10-YR. 25-YR. 50-YR. 100-YR. 500-YR.

C 1750.

1973. 1977.

C 1750.

C 1750.

LOWER CREEK.

C 1750.

C 1750.

X-SECTION LCA-1

C 1750.

C 3640.

C 3640.

X-SECTION LCA

C 3640.

C 4680.

C 4680.

X-SECTION LCB

C 4680.

PART I

FLOODWAY

CALIBRATION

1/30/86

14112 G.B.

1		
2		
3	C 5635.6	
4		
5	C 5635.6	FIRST X-SECTION FOR BRIDGE # A
6		
7	C 5635.6	
8		
9		
10		
11		
12	C 5919.6	
13		
14	C 5919.6	BRIDGE # A. CALICO RD.
15		
16		
17	C 5919.6	
18		
19		
20		
21	C 5919.6	
22		
23		
24	C 6011.4	
25		
26	C 6011.4	LAST X-SECTION FOR BRIDGE A.
27		
28		
29		
30	C 6011.4	
31		
32		
33	C 9750.	
34		
35		
36	C 9750.	X-SECTION LCC
37		
38		
39	C 9750.	
40		
41		
42	C 11287.	
43		
44		
45	C 11287.	X-SECTION ADDED, LCC-1
46		
47		
48	C 11287.	
49		
50		
51	C 13337.	
52		
53		
54	C 13337.	X-SECTION ADDED, LCC-2
55		
56		
57	C 13337.	

1		
2		
3	C 15288.	
4		
5		
6	C 15288.	X-SECTION ADDED, LCC-3
7		
8		
9	C 15288.	
10		
11		
12	C 16450.	
13		
14		
15	C 16450.	X-SECTION LCD
16		
17		
18	C 16450.	
19		
20		
21	C 18692.	
22		
23		
24	C 18692.	FIRST X-SECTION FOR BRIDGE # B.
25		
26		
27	C 18692.	
28		
29		
30	C 19164.	
31		
32		
33	C 19164.	BRIDGE # B. ROCKY RD.
34		
35		
36	C 19164.	SPECIAL-BRIDGE
37		
38		
39	C 19164.	
40		
41		
42	C 19274.	
43		
44		
45	C 19274.	LAST X-SECTION FOR BRIDGE # B.
46		
47		
48	C 19274.	
49		
50		
51	C 21190.	
52		
53		
54	C 21190.	X-SECTION LCE
55		
56		
57	C 21190.	

C 23320.

C 23320. X-SECTION LCF

C 23320.

C 24385.

C 24385. BOTTOM OF WATER FALLS

C 24385.

C 24390.

C 24390. TOP OF WATER FALLS

C 24390.

C 25455.

C 25455. X-SECTION LCG

C 25455.

C 27385.

C 27385. X-SECTION LCH

C 27385.

C 27422.

C 27422. FIRST X-SECTION FOR # C.

C 27422.

C 27606.

1
2
3 C 27606. BRIDGE # C. SEWAGE TREATMENT PLANT.
4
5

6 C 27606.
7

8 C 27660.
9
10

11 C 27660. LAST X-SECTION FOR #C.
12
13

14 C 27660.
15
16

17 C 28654.
18
19

20 C 28654. FIRST X-SECTION FOR PIPE U/S OF S.T.P.
21
22

23 C 28654.
24
25

26 C 28930.
27
28

29 C 28930. PIPE, U/S OF THE SEWAGE TREATMENT PLANT
30
31

32 C 28930.
33
34

35 C 28930.
36
37

38 C 28999.
39
40

41 C 28999. LAST X-SECTION FOR PIPE U/S OF S.T.P.
42
43

44 C 28999.
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47 C 29965.
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50 C 29965. X-SECTION ADDED, LCI-1
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53 C 29965.
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56 C 31000.
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C 31000. X-SECTION LCI

C 31000.

C 31300.

C 31300. X-SECTION #2 FROM C.O.E. NOV. 1977 RECONNAISSANCE STUDY

C 31300.

C 32381.

C 32381. FIRST X-SECTION FOR BRIDGE D

C 32381.

C 32693.

C 32693. BRIDGE D. SOUTHERN R. R. AT BROYHILL.

C 32693.

C 32693.

C 32796.

C 32796. LAST X-SECTION FOR D.

C 32796. FIRST X-SECTION FOR E.

C 32796.

C 32907.

C 32907. BRIDGE # E. COMPLEX ST. AT BROYHILL.

C 32907. SPECIAL BRIDGE ELLC = 70.13 ELTRD = 71.1

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C 32907.

C 32919.

C 32919. LAST X-SECTION FOR E.

C 32919. FIRST X-SECTION FOR U/S PIPE.

C 32919.

C 32932.

C 32932. PIPE 25' U/S FORM COMPLEX ST. BRIDGE.

C 32932.

C 32932.

C 32932.

C 33041. LAST X-SECTION FOR PIPE

C 33041.

C 33660.

C 33660. X-SECTION LCJ

C 33660.

C 33995.

C 33995. FIRST X-SECTION FOR PIPE D/S OF FAIRVIEW

C 33995.

C 34247.

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3	C 35460.			3
4				4
5				5
6	C 35460.	X-SECTION LCK		6
7				7
8				8
9	C 35460.			9
10				10
11				11
12	C 35829.			12
13				13
14				14
15	C 35829.	FIRST X-SECTION FOR # G.		15
16				16
17				17
18	C 35829.			18
19				19
20				20
21	C 36029.			21
22				22
23				23
24	C 36029.	BRIDGE G. STEEL WALKING PIPE (STEEL STRUCTURE)		24
25				25
26				26
27	C 36029.			27
28				28
29				29
30	C 36029.			30
31				31
32				32
33	C 36093.			33
34				34
35				35
36	C 36093.	LAST X-SECTION FOR G.		36
37				37
38				38
39	C 36093.			39
40				40
41				41
42				42
43	C 36260.			43
44				44
45	C 36260.	X-SECTION #9 FROM C.D.E. NOV. 1977 RECONNAISSANCE STUDY		45
46				46
47				47
48	C 36260.			48
49				49
50				50
51	C 36385.			51
52				52
53				53
54	C 36385.	1' D/S OF RETAINING WALL.		54
55				55
56	C 36385.			56
57				57

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3	C 36655.	
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6	C 36655.	MIDDLE OF RETAINING WALL.
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9	C 36655.	
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11		
12	C 36925.	
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14		
15	C 36925.	1' U/S OF RETAINING WALL.
16		
17		
18	C 36925.	FIRST X-SECTION FOR PIPE D/S OF VIRGINIA
19		
20		
21	C 36925.	
22		
23		
24	C 37180.	
25		
26		
27	C 37180.	PIPE D/S OF VIRGINIA
28		
29		
30	C 37180.	
31		
32		
33	C 37228.	
34		
35		
36	C 37228.	LAST X-SECTION FOR PIPE D/S OF VIRGINIA AVE.
37		
38		
39	C 37228.	FIRST X-SECTION FOR VIRGINIA AVE.
40		
41		
42	C 37228.	
43		
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45	C 37229.	
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48	C 37229.	# H VIRGINIA AVE.
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51	C 37229.	
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54	C 37229.	
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57	C 37391.	

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3 C 37391. LAST X-SECTION FOR VIRGINIA AVE.
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8 C 37391.
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12 C 37740.
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14

15 C 37740. X-SECTION LCL
16
17

18 C 37740. & FIRST X-SECTION FOR # I, R.R.
19
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21 C 37740.
22
23

24 C 38286.
25
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27 C 38286. BRIDGE # I, R.R.
28
29

30 C 38286.
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33 C 38286.
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36 C 38503.
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39 C 38503. LAST X-SECTION FOR # I, R.R.
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42 C 38503.
43
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45 T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
46
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48 T2 FILENAME: LW.HEC ENG: SKE EA: DLY COMM 2320
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51 T3 LOWER CREEK, 100-YEAR DATE: 01/25/86 100 YEAR EVENT
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54 J1-10. 6.0 .001073 79.68
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57 J21.0 -1.
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60 J3110. 200. 0. 38. 1. 26. 27. 28. 50.
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2										
3	J5-10.	-10.								
4										
5										
6	J61.0									
7										
8										
9	ET							10.41		
10										
11										
12	QT7.	3750.	6940.	10240.	13740.	17270.	27990.	17270.		
13										
14										
15	NCO.1	0.1	0.05	0.1	0.3					
16										
17										
18	NH4.	.22	5790.	.18	5950.	.046	6015.	.15	7010.	
19										
20										
21	X11750.	19.	5950.	6015.	0.	0.	0.			
22										
23										
24	X41.	18.	5790.							
25										
26										
27	GR40.	5000.	32.	5030.	28.	5180.	24.	5440.	20.	5630.
28										
29										
30	GR20.	5950.	10.8	5953.	9.8	5982.5	10.8	6012.	20.	6015.
31										
32										
33	GR20.	6050.	18.	6235.	20.	6370.	24.	6460.	28.	6560.
34										
35										
36	GR28.	6730.	32.	6875.	36.	6940.	40.	7010.		
37										
38										
39	NH5.	6.100.	5555.	.18	5785.5	.046	5873.5	.09	5950	.15
40										
41	6250.	6350 100.								
42	NH7245.	.25	7245.						"0.8"	"0.9"
43										
44										
45	ET.							9.1	5397.	5247.
46									6587.	6937.
47									6280.	6347.
48	X13640.	49.	5785.5	5873.5	1830.	1900.	1890.		6197.	
49										
50										
51	GR40.	5000.	20.	5040.	19.	5070.	20.	5085.	21.	5120.
52										
53										
54	GR23.	5185.	21.	5225.	20.	5250.	19.	5280.	20.	5305.
55										
56										
57	GR21.	5335.	23.	5410.	22.	5485.	23.	5555.	22.	5625.

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1	GR23.	5680.	23.	5745.	23.9	5765.5	23.6	5785.5	13.6	5795.5
2										
3	GR13.	5796.5	12.1	5808.5	11.8	5816.5	12.1	5833.5	13.	5853.5
4										
5	GR13.2	5854.5	22.9	5873.5	21.	5885.	22.	5950.	22.	6180.
6										
7	GR21.	6250.	22.	6290.	20.	6300.	15.	6315.	20.	6330.
8										
9	GR22.	6350.	21.	6420.	21.	6485.	22.	6565.	22.	6745.
10										
11	GR23.	6830.	22.	6910.	22.	7000.	23.	7075.	24.	7110.
12										
13	GR28.	7170.	32.	7195.	36.	7220.	40.	7245.		
14										
15	NHK.	.1	5678.5	.046	574E.	.09	6272.	.15	6377.	100.
16										
17	ET	6377.								
18										
19	ET									
20										
21	LCB	X14680.49.	5678.5	5746.	980.	1410.	1040.			
22										
23	GR40.	5000.	38.	5065.	36.	5090.	36.	5125.	35.	5202.
24										
25	GR33.	5288.	36.	5334.	38.	5372.	40.	5402.	42.	5449.
26										
27	GR40.	5500.	38.	5530.	36.	5560.	32.	5570.	28.	5600.
28										
29	GR24.	5630.	21.	5650.	20.	5663.	22.	5678.5	14.1	5684.5
30										
31	GR14.	5685.5	13.4	5693.5	12.9	5703.5	12.9	5713.5	14.	5714.5
32										
33	GR13.8	5718.5	16.	5723.	20.	5734.	21.	5746.	22.	5797.
34										
35	GR22.	5850.	23.	5912.	22.	5962.	22.	6024.	21.	6076.
36										
37	GR20.	6117.	24.	6137.	16.	6147.	24.	6152.	19.	6182.
38										
39	GR20.	6212.	21.	6232.	24.	6272.	24.	6282.	26.	6287.
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ET 10.41
 7.1 5678. 6078. 6128. 6153. 6153. 6153.

1											
2											
3		X15919.643.	4950.	5121.	1.	1.	1.				
4											
5											
6											
7		BT-40.	4520.	40.	40.	4560.	36.	36.	4665.	32.	32.
8											
9		BT	4730.	30.	30.	4800.	28.37	28.37	4850.	27.23	27.23
10											
11											
12		BT	4900.	26.69	26.69	4950.	26.37	26.37	4980.	26.	22.
13											
14											
15		BT	5000.	25.98	15.	5000.01	28.51	23.51	5005.	28.48	23.48
16											
17											
18		BT	5007.5	28.47	23.47	5010.	28.46	23.46	5015.	28.45	23.45
19											
20											
21		BT	5020.	28.43	23.43	5025.	28.42	23.42	5030.	28.39	23.39
22											
23											
24		BT	5035.	28.41	23.41	5035.01	28.41	14.9	5036.3	28.41	13.7
25											
26											
27		BT	5036.31	28.41	23.41	5040.	28.42	23.42	5045.	28.41	23.41
28											
29											
30		BT	5050.	28.43	23.43	5055.	28.43	23.43	5060.	28.43	23.43
31											
32											
33		BT	5065.	28.43	23.43	5071.	28.45	23.45	5071.01	25.82	13.7
34											
35											
36		BT	5095.	25.8	20.	5121.	25.77	21.	5171.	25.75	22.
37											
38											
39		BT	5221.	25.47	22.	5271.	25.65	23.	5380.	30.	24.
40											
41											
42		BT	5490.	32.	24.	5650.	36.	28.	5730.	40.	36.
43											
44											
45		BT	5830.	44.	44.						
46											
47											
48		GR40.	4520.	36.	4560.	32.	4665.	30.	4730.	28.37	4800.
49											
50											
51		GR27.23	4850.	26.69	4900.	26.37	4950.	22.	4980.	15.	5000.
52											
53											
54		GR15.	5000.01	14.7	5005.	13.6	5007.5	15.4	5007.51	15.4	5008.5
55											
56											
57		GR13.6	5008.51	13.7	5010.	14.2	5015.	14.5	5020.	13.7	5025.

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1										
2										
3	GR14.3	5030.	14.9	5035.	14.9	5035.01	13.7	5036.3	13.7	5036.31
4										
5										
6	GR13.8	5040.	14.1	5045.	13.5	5050.	13.7	5055.	14.	5060.
7										
8										
9	GR14.	5065.	13.7	5071.	13.7	5071.01	20.	5095.	21.	5121.
10										
11										
12	GR22.	5171.	22.	5221.	23.	5271.	24.	5380.	24.	5490.
13										
14										
15	GR28.	5650.	36.	5730.	44.	5830.				
16										
17										
18	NH4.	.18	4980.	.046	5095.	.09	5490.	.15	5830.	
19										
20										
21	ET						9.11	4846.	5346.	
22								4905.	5287.9	
23										
24	X15940.4				20.8	20.8	20.8			
25										
26										
27	X2						1.			
28										
29										
30	NH4.	.18	4980.	.046	5095.	.09	5490.	.15	5830.	
31										
32								9.1		
33	ET						10.4T	4940.	5940.	
34										
35										
36	X15941.440.		4980.	5095.	1.	1.	1.			
37										
38										
39	X310.							15.	13.7	
40										
41										
42	GR40.	4520.	36.	4560.	32.	4665.	30.	4730.	28.37	4800.
43										
44										
45	GR27.23	4850.	26.69	4900.	26.37	4950.	22.	4980.	15.	5000.
46										
47										
48	GR15.	5000.01	14.7	5005.	13.6	5007.5	13.7	5010.	14.2	5015.
49										
50										
51	GR14.5	5020.	13.7	5025.	14.3	5030.	14.9	5035.	14.9	5035.01
52										
53										
54	GR13.7	5036.3	13.7	5036.31	13.8	5040.	14.1	5045.	13.5	5050.
55										
56										
57	GR13.7	5055.	14.	5060.	14.	5065.	13.7	5071.	13.7	5071.01

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1	GR20.	5095.	21.	5121.	22.	5171.	22.	5221.	23.	5271.
2										
3	GR24.	5380.	24.	5490.	28.	5650.	36.	5730.	44.	5830.
4										
5	NH4.	.18	4950.	.046	5121.	.09	5490.	.15	5830.	
6	<i>ET</i>							9.1	4970.	5470.
7	X16011.4				70.	70.	70.		.04	
8										
9	NC.1	.1	.05	.1	.3					
10										
11	NH5.	.15	5632.	.09	5897.5	.046	5987.5	.08	6250.5	.12
12										
13	NH6492.5									
14										
15	<i>ET</i>							10.4-1		
16	X19750.40.		5897.5	5987.5	3779.6	3568.6	3739.1			
17										
18	GR48.	5000.	44.	5045.	40.	5070.	36.	5115.	28.	5195.
19										
20	GR24.	5228.	23.	5315.	21.	5395.	23.	5466.	23.	5573.
21										
22	GR22.	5632.	23.	5675.	23.	5750.	24.	5810.	24.	5840.
23										
24	GR24.8	5862.5	25.	5897.5	17.2	5913.5	17.	5913.51	16.	5917.5
25										
26	GR16.	5932.5	16.	5942.5	15.8	5964.5	17.	5966.5	18.5	5966.5
27										
28	GR23.	5987.5	24.	5990.	23.	6030.	23.	6097.5	22.	6174.5
29										
30	GR22.	6250.5	21.	6340.5	23.	6367.5	24.	6383.5	28.	6392.5
31										
32	GR32.	6406.5	36.	6423.5	40.	6433.5	44.	6456.5	46.	6492.5
33										
34	NH5.	.15	4730.	.12	5000.	.046	5084.	.08	5675.	.12
35										
36	NH5875.									
37	X11287.13.		5000.	5084.	1600.	1410.	1537.			

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1										
2										
3	GR48.	4540.	24.	4640.	24.	4730.	25.	5000.	18.86	5015.
4										
5										
6	GR17.86	5020.	18.	5060.	20.86	5068.	24.4	5084.	24.	5310.
7										
8										
9	GR24.	5675.	40.	5825.	48.	5875.				
10										
11										
12	NH4.	100.	4270.	.11	5000.	.046	5084.	.18	5330.	
13										
14										
15	X113337.14.	5000.	5084.	2190.	1940.	2050.				
16										
17										
18	3548.	2930.	40.	3060.	32.	3380.	28.	3940.	28.	4270.
19										
20										
21	GR29.62	5000.	21.62	5015.	20.62	5020.	20.78	5060.	23.62	5068.
22										
23										
24	GR27.22	5084.	32.	5120.	40.	5150.	48.	5330.		
25										
26										
27	NH3.	.14	5647.5	.046	5707.5	.15	6370.			
28										
29										
30	ET						9.1	5280.	5939.	
31										
32										
33	X115288.17.	5647.5	5707.5	1500.	2030.	1951.				
34										
35										
36	GR37.	5000.	36.	5070.	31.	5410.	32.	5555.	32.24	5647.5
37										
38										
39	GR24.24	5662.5	23.24	5667.5	27.72	5707.5	27.62	5715.5	28.12	5731.5
40										
41										
42	GR36.	5750.	33.	5830.	36.	6140.	36.	6260.	40.	6295.
43										
44										
45	GR44.	6340.	48.	6370.						
46										
47										
48	NH5.	.15	5590.	.14	5907.	.046	5989.	.11	6055.	.15
49										
50										
51	NH6195.									
52										
53										
54	ET						9.1	5130.	6005.	
55										
56										
57	X116450.35.	5907.	5989.	1160.	1090.	1162.				

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1										
2										
3	GR48.	5000.	44.	5015.	40.	5030.	36.	5050.	32.	5065.
4										
5										
6	GR32.	5090.	31.	5150.	29.	5210.	33.	5270.	32.	5320.
7										
8										
9	GR32.	5390.	31.7	5460.	31.5	5515.	32.	5590.	34.	5705.
10										
11										
12	GR35.	5815.	36.	5869.	35.	5907.	26.8	5925.	26.	5925.01
13										
14										
15	GR24.8	5933.	25.1	5944.	25.	5954.	25.3	5962.	25.5	5969.
16										
17										
18	GR26.	5975.	28.	5977.	31.9	5989.	33.	5990.	34.	6055.
19										
20										
21	GR35.	6130.	36.	6150.	40.	6170.	44.	6185.	48.	6195.
22										
23										
24	NH3.	.1	5000.	.046	5114.31	.15	6157.2	4685.	5135.	
25								4673.	5125.	
26								4100.	5120.	
27	ET						9.1	4705.	5114.31	5115.
28										
29										
30	X118692.58.	5000.	5114.31	2353.15	2183.15	2242.			.5	
31										
32										
33	X41.	35.5	4590.							
34										
35										
36	GR60.	4157.	48.	4330.	36.	4750.	36.	4800.	36.	4850.
37										
38										
39	GR36.	4900.	36.	4950.	36.4	5000.	36.4	5000.01	35.54	5001.
40										
41										
42	GR35.54	5001.01	34.2	5002.55	34.2	5002.56	33.4	5005.	32.5	5010.
43										
44										
45	GR31.9	5015.	30.9	5020.	29.8	5025.	29.2	5030.	28.3	5035.
46										
47										
48	GR28.4	5037.5	28.4	5037.51	28.4	5038.25	28.4	5038.26	28.4	5039.25
49										
50										
51	GR28.4	5039.26	28.4	5040.	28.4	5040.01	28.7	5045.	28.9	5050.
52										
53										
54	GR28.1	5055.	28.4	5060.	27.8	5065.	28.7	5070.	31.3	5074.5
55										
56										
57	GR31.3	5074.51	31.3	5075.25	31.3	5075.26	31.9	5076.25	31.9	5076.26

14112 G.B.

PRINTED IN U.S.A.

1										
2										
3	BT	5002.55	47.94	39.69	5002.56	47.74	42.24	5005.	47.73	42.23
4										
5										
6	BT	5010.	47.73	42.23	5015.	47.73	42.22	5020.	47.73	42.22
7										
8										
9	BT	5025.	47.75	42.21	5030.	47.76	42.21	5035.	47.75	42.2
10										
11										
12	BT	5037.5	47.75	42.2	5037.51	47.75	39.7	5038.25	47.75	39.7
13										
14										
15	BT	5038.26	47.75	28.4	5039.25	47.74	28.4	5039.26	47.74	39.7
16										
17										
18	BT	5040.	47.74	39.7	5040.01	47.74	42.19	5045.	47.74	42.18
19										
20										
21	BT	5050.	47.75	42.16	5055.	47.75	42.15	5060.	47.75	42.13
22										
23										
24	BT	5065.	47.76	42.12	5070.	47.76	42.11	5074.5	47.75	42.1
25										
26										
27	BT	5074.51	47.75	39.8	5075.25	47.75	39.6	5075.26	47.75	31.3
28										
29										
30	BT	5076.25	47.75	31.9	5076.26	47.75	39.6	5077.	47.75	39.6
31										
32										
33	BT	5077.01	47.75	42.1	5080.	47.75	42.13	5085.	47.73	42.17
34										
35										
36	BT	5090.	47.72	42.2	5095.	47.73	42.23	5100.	47.72	42.25
37										
38										
39	BT	5105.	47.75	42.27	5110.	47.79	42.29	5112.2	47.79	42.29
40										
41										
42	BT	5112.21	47.79	40.	5114.3	47.8	40.	5114.31	45.28	40.
43										
44										
45	BT	5164.	45.62	40.	5214.	46.15	40.	5264.	47.42	44.
46										
47										
48	BT	5314.	48.88	48.88	6157.2	60.	60.			
49										
50										
51	NH3.	.1	5000.	.046	5114.31	.15	6157.2			
52										
53										
54	ET						9.1	4700. 4630.	5310. 5114.31	4.710. 51205.9
55										
56										
57	X119274.				110.	110.	110.		.18	

14112 G.B.

PRINTED IN U.S.A.

1											
2											
3	NC. 1	.1	.05	.1	.3						
4											
5	NH4.	.18	6055.	.1	6550.	.046	6630.	.15	6970.		
6											
7											
8											
9	ET							9.1	6110 5910 5810 5710 6090 6065	6730 6730 6730 6740 6765	WIDTH 650
10											
11	X121190.	40.	6550.	6630.	1875.	2015.15	1916.				
12											
13											
14											
15	LCE	GR52.	5000.	44.	5050.	48.	5070.	48.	5130.	45.	5180.
16											
17											
18		GR44.	5215.	43.	5290.	43.	5365.	44.	5400.	45.	5475.
19											
20											
21		GR45.	5585.	44.	5640.	43.	5665.	44.	5700.	45.	5805.
22											
23											
24		GR45.	5905.	44.	5935.	43.	6000.	43.	6055.	42.	6110.
25											
26											
27		GR43.	6160.	42.	6220.	44.	6290.	45.	6360.	45.	6490.
28											
29											
30		GR44.	6550.	31.25	6560.	30.85	6565.	30.75	6585.	30.85	6605.
31											
32											
33		GR31.25	6610.	44.	6630.	45.	6660.	45.	6695.	44.	6720.
34											
35											
36		GR43.	6745.	44.	6885.	48.	6915.	52.	6950.	56.	6970.
37											
38											
39		NH5.	.15	5140.	.11	5280.	.042	5360.	.1	6015.	.15
40											
41											
42		NH6105.							5150. 5155	5905. 5855	WIDTH 650 CUR 457
43									9.1 10.44 9.1	5830. 5810	
44		ET							5180. 5260.	5715.	
45											
46											
47											
48		X123320.	21.	5280.	5360.	2020.	1980.	2130.			
49											
50											
51	LCP	GR60.	5000.	55.	5035.	50.	5090.	48.6	5140.	45.	5280.
52											
53											
54		GR40.	5285.	35.5	5289.	35.	5293.	34.7	5303.	34.3	5319.
55											
56											
57		GR34.3	5333.	34.3	5342.	35.	5348.	35.	5350.	40.	5355.

2

1												
2												
3		GR45.	5360.	46.5	5525.	47.5	5820.	50.	6015.	55.	6080.	
4												
5												
6		GR60.	6105.									
7												
8												
9		NH3.	.15	5000.	.046	5089.	.16	6415.				
10												
11									9.1	5000.	5600.	
12		ET							10.41			600 WIDE
13												
14												
15		X124385.20.	5000.	5089.	987.5	1307.5	1065.					
16												
17												
18	BOTTOM	GR75.	4619.	70.	4814.	65.	4919.	60.	4974.	55.	4994.	
19	WATERFALLS											
20												
21		GR50.	5000.	34.89	5014.	33.5	5025.	33.48	5033.	33.9	5042.	
22												
23												
24		GR31.39	5051.	31.79	5056.	33.34	5061.	34.89	5071.5	47.01	5089.	
25												
26												
27		GR48.3	5275.	49.1	5950.	50.	6350.	55.	6395.	60.	6415.	
28												
29												
30		NH3.	.15	5000.	.046	5082.	.16	6415.				
31												
32		ET							9.1	5000.	5600.	600 WIDE
33		X124390.18.	5000.	5082.	5.	5.	5.					
34												
35												
36	TOP OF	GR75.	4619.	70.	4814.	65.	4919.	60.	4974.	55.	4994.	
37	FALLS											
38												
39		GR50.	5000.	37.65	5015.	36.81	5025.	36.55	5045.	37.21	5055.	
40												
41												
42		GR37.55	5065.	37.65	5076.5	47.4	5082.	48.3	5275.	49.1	5950.	
43												
44												
45		GR50.	6350.	55.	6395.	60.	6415.					
46												
47												
48		NH3.	.18	5440.	.046	5534.	.16	6015.				
49												
50												
51		ET							9.1	5200.	5702.	
52												
53												
54	TOP	X125455.18.	5440.	5534.	1147.5	997.5	1065.					
55	LCG											
56	WATERFALLS	GR60.	5000.	55.	5040.	50.	5072.	49.2	5440.	41.4	5451.	
57												

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1	GR39.	5456.	37.	5461.	36.9	5470.	38.4	5480.	38.8	5493.
2										
3	GR38.5	5505.	39.	5515.	42.	5520.	48.	5534.	47.9	5550.
4										
5	GR50.	5705.	55.	5995.	60.	6015.				
6										
7										
8										
9										
10	NH4.	.15	5145.	.046	5265.	.095	5500.	.2	6153.	
11										
12										
13										
14										
15	ET						9.1	5145.	5710.	
16										
17										
18	X127385.25.		5145.	5265.	1962.5	1775.	1930.			
19										
20	GR70.	5000.	65.	5114.	55.	5114.01	55.9	5145.	42.5	5166.
21										
22										
23										
24	GR41.8	5166.01	41.9	5181.	42.1	5201.	41.6	5214.	42.5	5221.
25										
26										
27	GR43.5	5222.	55.7	5239.	55.7	5265.	50.	5275.	50.	5500.
28										
29										
30	GR50.	5610.	50.	5646.	45.	5651.	44.	5675.	45.	5698.
31										
32	GR49.8	5793.	50.	5910.	55.	6023.	60.	6083.	65.	6153.
33										
34										
35										
36	NH4.	.15	4991.	.046	5064.5	.095	5400.	.2	5840.	
37										
38										
39	ET							9.1	4973	5343
40									4980.	5537.
41										
42	X127422.38.		4991.	5064.5	37.	37.	37.		.02	
43										
44	GR75.	4800.	70.	4810.	65.	4825.	60.	4845.	55.97	4855.
45										
46										
47	GR55.47	4903.	56.01	4934.	53.37	4991.	50.07	4996.5	48.62	4999.99
48										
49	GR46.77	5000.	46.06	5002.72	45.47	5005.	42.87	5010.	42.87	5015.
50										
51	GR42.47	5020.	42.27	5025.	41.87	5030.	41.97	5035.	41.57	5040.
52										
53										
54	GR43.87	5045.	46.28	5048.89	46.97	5050.	48.88	5050.01	49.27	5055.
55										
56										
57										

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14112 G.B.

PRINTED IN U.S.A.

1										
2										
3	GR50.	5064.5	52.	5084.	54.	5096.	55.3	5118.	54.1	5150.
4										
5										
6	GR50.	5400.	50.	5510.	50.	5540.	45.	5560.	50.	5620.
7										
8										
9	GR55.	5720.	60.	5800.	65.	5840.				
10										
11										
12	NC			.3	.5					
13										
14										
15	NH4.	.15	4991.	.046	5064.5	.095	5400.	.2	5840.	
16										
17	ET						9.1	4973. 4980.	5543. 5554.	
18										
19										
20										
21	X127605.			208.	333.	183.			-.02	
22										
23										
24	X310.						53.37	50.		
25										
26										
27	NH4.	.15	4991.	.046	5064.5	.095	5400.	.2	5840.	
28										
29	ET						9.11 10.41	4973.	5543.	
30										
31										
32										
33	X127606.			1.	1.	1.				
34										
35	BT-38.	4800.	75.	75.	4810.	70.	70.	4825.	65.	65.
36										
37	BT	4845.	60.	60.	4855.	55.97	55.97	4903.	55.47	55.47
38										
39	BT	4934.	56.01	56.01	4991.	53.37	53.37	4996.5	50.07	50.07
40										
41										
42	BT	4999.99	48.62	48.62	5000.	48.62	46.77	5002.72	48.66	46.06
43										
44										
45	BT	5005.	48.7	46.1	5010.	48.75	46.15	5015.	48.78	46.18
46										
47										
48	BT	5020.	48.82	46.22	5025.	48.87	46.17	5030.	48.88	46.28
49										
50										
51	BT	5035.	48.88	46.12	5040.	48.9	46.3	5045.	48.9	46.3
52										
53										
54	BT	5048.89	48.88	46.28	5050.	48.88	46.97	5050.01	48.88	48.88
55										
56										
57										

SEWAGE
TREATMENT
BRIDGE

14112 G.B.

1										
2										
3	BT	5055.	49.27	49.27	5064.5	55.27	50.	5084.	56.2	52.
4										
5										
6	BT	5096.	59.97	54.	5118.	55.3	55.3	5150.	54.1	54.1
7										
8										
9	BT	5400.	50.	50.	5510.	50.	50.	5540.	50.	50.
10										
11										
12	BT	5560.	45.	45.	5620.	50.	50.	5720.	55.	55.
13										
14										
15	BT	5800.	60.	60.	5840.	65.	65.			
16										
17										
18	NH4.	.15	4991.	.046	5064.5	.095	5400.	.2	5840.	
19										
20	ET							9.11	4973.	5543.
21	X127614.				8.	8.	8.			
22										
23										
24	X2						1.			
25										
26										
27	NH4.	.15	4991.	.046	5064.5	.095	5400.	.2	5840.	
28										
29	ET							9.1	4973.	5543.
30	X127615.				1.	1.	1.			
31										
32										
33	X310.							53.37	50.	
34										
35										
36	QT7.	3930.	5790.	8520.	11420.	14180.	23150.	14180.		
37										
38										
39	NH4.	.15	4991.	.046	5064.5	.095	5400.	.2	5840.	
40										
41										
42	ET							9.1	4973.	5543.
43									4986.	5558.
44										
45	X127650.				45.	45.	45.		.07	
46										
47										
48	NC.1	.1	.05	.1	.3					
49										
50										
51	NH4.	.18	5000.	.046	5092.	.095	5350.	.18	5967.	
52										
53										
54	ET							9.1	4975	5535.
55									4990.	5520.
56										
57	#1 (PIPE)	X128654.23.	5000.	5092.	963.67	1011.16	994.		.4	

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1										
2										
3	GR75.	4942.	70.	4957.	65.	4972.	60.	4987.	55.	5000.
4										
5										
6	NR49.	5016.	48.73	5016.01	44.63	5024.	44.02	5035.	44.24	5050.
7										
8										
9	GR43.46	5060.	43.92	5072.	44.63	5080.	49.21	5085.	49.88	5085.01
10										
11										
12	GR54.98	5092.	54.	5350.	53.	5512.	55.	5792.	60.	5837.
13										
14										
15	GR65.	5887.	70.	5907.	75.	5967.				
16										
17										
18	NC.			.3	.5					
19										
20										
21	NH4.	.18	5000.	.046	5092.	.095	5350.	.18	5967.	
22										
23										
24	ET						9.1	5000.	5560.	
25										
26										
27	X128929.			275.	275.	275.		.4		
28										
29										
30	X310.						49.4	49.88		
31										
32										
33	NH4.	.18	5000.	.046	5092.	.095	5350.	.18	5967.	
34										
35										
36	ET						9.1	5000.	5560.	
37										
38										
39	X128930.			1.	1.	1.				
40										
41										
42	BT-23.	4942.	75.	75.	4957.	70.	70.	4972.	65.	65.
43										
44	BT	4987.	60.	60.	5000.	55.	55.	5016.	49.4	49.4
45										
46	BT	5016.01	49.4	48.73	5024.	49.29	48.62	5035.	49.13	48.58
47										
48	BT	5050.	48.92	48.25	5060.	49.19	48.52	5072.	49.52	48.85
49										
50	BT	5080.	49.74	49.07	5085.	49.88	49.21	5085.01	49.88	49.88
51										
52	BT	5092.	54.98	54.98	5350.	54.	54.	5512.	53.	53.
53										
54										

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54

PRINTED IN U.S.A.

1											
2											
3	BT	5792.	55.	55.	5837.	60.	60.	5887.	65.	65.	
4											
5											
6	BT	5907.	70.	70.	5967.	75.	75.				
7											
8											
9	NH4.	.18	5000.	.046	5092.	.095	5350.	.18	5967.		
10											
11											
12	ET							9.11	5000. 4995.	5560. 5555.	
13											
14											
15	X128931.				.67	.67	.67				
16											
17											
18	X2							1.			
19											
20											
21	NH4.	.18	5000.	.046	5092.	.095	5350.	.18	5967.		
22											
23											
24	ET							9.1	5000.	5560.	
25											
26											
27	X128932.				1.	1.	1.				
28											
29											
30	X310.							49.4	49.88		
31											
32											
33	QT7.	3830.	5640.	8310.	11140.	13840.	22620.	13940.			
34											
35											
36	NH4.	.18	5000.	.046	5092.	.095	5350.	.18	5967.		
37											
38											
39	ET							9.1	5000.	5560. 5515.	
40											
41											
42	X128999.				67.	67.	67.		.11		
43											
44											
45	NC.1	.1	.05	.1	.3						
46											
47											
48	NH3.	.15	5004.	.048	5107.	.18	6050.				
49											
50											
51	ET							9.1	5004.	5570. 5574. 5604.	
52											
53											
54	X129965.22.		5004.	5107.	956.66	844.16	966.				
55											
56	BR95.	4540.	72.72	4540.01	70.1	4780.	57.4	5004.	51.4	5018.	
57											

LCI-1

14112 G.B.

PRINTED IN U.S.A.

1											
2											
3	ET						9.1	5000.	5135.51		
4											
5											
6	X132875.48.	5000.	5135.51	80.85	55.85	79.					
7											
8											
9	X310.						71.68	71.1			
10											
11											
12	X41.	80.	4465.								
13											
14											
15	GR85.	4317.5	75.	4695.	70.	4750.	65.	4800.	57.4	5000.	
16											
17											
18	GR57.4	5000.01	55.6	5005.	51.5	5010.	50.9	5015.	51.5	5020.	
19											
20											
21	GR51.7	5025.	51.6	5030.	52.	5035.	52.1	5040.	52.5	5044.	
22											
23											
24	GR52.5	5044.01	52.5	5045.5	52.5	5045.51	51.6	5050.	52.1	5055.	
25											
26											
27	GR52.	5060.	52.2	5065.	52.9	5070.	52.7	5075.	52.4	5080.	
28											
29											
30	GR52.1	5085.	51.8	5089.	51.8	5089.01	51.8	5090.5	51.8	5090.51	
31											
32											
33	GR52.2	5095.	55.6	5100.	57.4	5105.	58.4	5110.	60.1	5115.	
34											
35											
36	GR61.8	5120.	63.7	5125.	65.	5130.	65.	5135.	65.	5135.5	
37											
38											
39	GR65.	5135.51	65.	5169.	66.	5219.	67.	5269.	70.	5319.	
40											
41											
42	GR72.	5900.	76.4	6350.	80.	6862.5					
43											
44											
45	NH4.	.15	5000.	.048	5135.51	.085	5900.	.2	6862.5		
46											
47											
48	GB1.05	1.56	2.6	0.	80.887	2.	2043.	1.42	50.9	50.9	
49											
50											
51	ET						9.1	5000.	5135.51		
52											
53											
54	X132907.			32.3	32.3	32.3					
55											
56											
57	X2	1.	70.13	71.1							
58											
59											
60											

COMPLEX ST
C. BROYHILL

48

1	BT	4800.	65.	65.	5000.	57.11	57.11	57.11	5000.01	57.11	56.44
2	BT	5105.	57.11	56.44	5105.01	57.11	57.11	5115.	60.1	60.1	
3	BT	5120.	61.8	61.8	5125.	63.7	63.7	5130.	65.7	65.7	
4	BT	5135.	65.	65.	5135.51	65.	65.	5169.	65.	65.	
5	BT	5219.	66.	66.	5269.	67.	67.	5319.	70.	70.	
6	BT	5900.	72.	72.	6350.	76.4	76.4				
7	NH4.	.15	5000.	.048	5105.01	.085	5900.	.2	6862.5		
8	ET							9.1	5000.	5105.01	
9	X132933.			.67	.67	.67					
10	X2						1.				
11	NH4.	.15	5000.	.048	5105.01	.085	5900.	.2	6862.5		
12	ET							9.1	5000.	5105.01	
13	X132934.			1.	1.	1.					
14	X310.							57.11	57.11		
15	NH4.	.15	5000.	.048	5105.01	.085	5900.	.2	6862.5		
16	ET							9.1	5000.	5105.01	
17	X133041.			107.	107.	107.			.57		
18	NC.1	.1	.05	.1	.3						
19	NH5.	.15	5280.	.11	5905.	.048	5960.	.085	6770.	100	

#6

.18
100

NH7570.

ET

9.1 5630. 6020.

X133660.18. 5905. 5975. 750.18 412.68 619.

LCS

X41. 75. 5000.

GR80. 4960. 70. 5027. 65. 5057. 62. 5280. 69. 5905.

GR57.6 5924. 55.27 5925. 54.05 5930. 54.03 5940. 53.75 5950.

GR55.27 5959. 63.95 5960. 72. 5975. 70. 6027. 70. 6470.

GR70. 6720. 75. 6770. 80. 7570.

? OK

NH5. 18 4774. 4774. 5000. .048 5088. .085. 5194. 5856. 100.

5100
450
650

NH6326.

ET

9.1 5630. 6020.
10.4
9.1 4525. 5575.

X133995.21. 5000. 5088. 335. 335. 335. -.12

#1 PIPE
DIS FAIRVIEW

540 WIRE

X42.0 65. 4774. 70.34 5194.

GR80. 4346. 75. 4376. 70. 4396. 65. 4451. 65. 4861.

GR66. 4936. 69. 5000. 63.14 5010. 62.47 5010.01 54.64 5019.

GR54.1 5037. 54.02 5047. 54.64 5063. 63.04 5073. 63.71 5073.01

GR72. 5088. 70. 5216. 70. 5806. 73. 5866. 75. 5956.

GR80. 6326.

NC

.3 .5

NH5. 18 4774. 4774. 5000. .048 5088. .085. 5194. 5856. 100.

NH6326.

ET
X134249.

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~~488~~ ~~4738~~ ~~4688~~ ~~5100~~
4548. 5088. 540

X330.

63.14 63.71

NH5.

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4396.

.11 5000. .048 5088. .085

5174.
5886. 100.

NH6326.

ET

X134311.

62. 62. 62.

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5175. 5185. 540

NC.1

.1 .05 .1 .3

NH3.

100. 4850.
12

5000. .048 5077.2 .085 5127. 5163.6 100.

~~4725~~ ~~4738~~ ~~4688~~ ~~5100~~
4750 5300
4800 5210.

ET

9.1

4885 5170.
4905.

X134784.45. 5000. 5077.2 385.83 598.33 473.

-.35

#1 FOR

X41. 84.65 4590.

FAIRVIEW

GR90. 4458.6 73. 4690. 70. 4800. 70. 4850. 70. 4900.

GR66. 4950. 61.5 5000. 61.5 5000.01 61.5 5001. 61.5 5001.01

GR61.5 5002.8 61.5 5002.81 61.5 5005. 61.1 5010. 59.6 5015.

GR59.3 5020. 56.4 5025. 56. 5030. 55.4 5035. 55. 5037.5

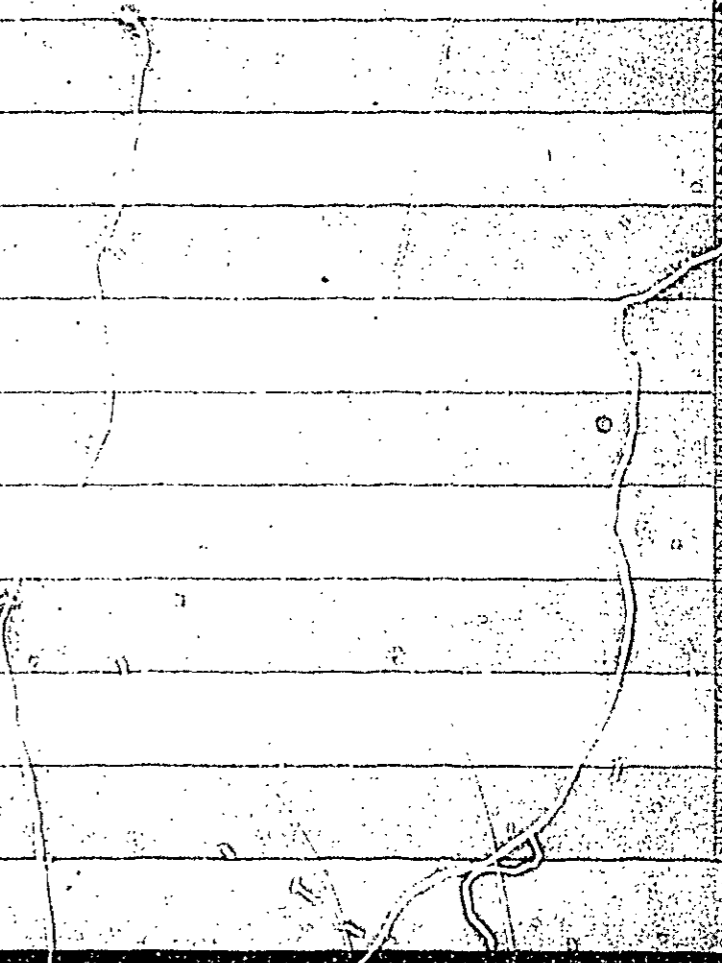
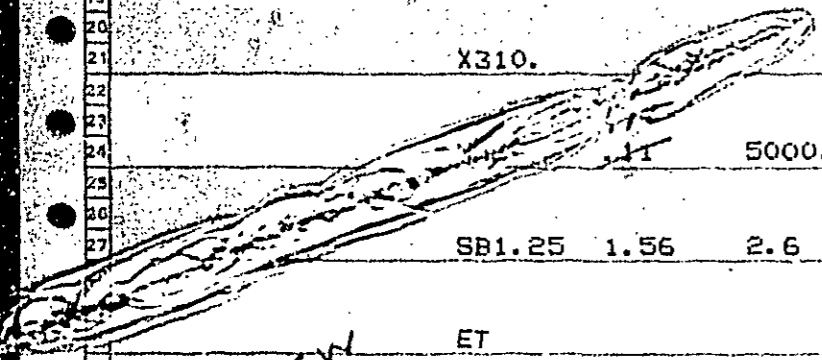
GR55. 5037.51 55. 5038.25 55. 5038.26 55. 5039.25 55. 5039.26

GR55. 5040. 55. 5040.01 55.1 5045. 55.4 5050. 55.7 5055.

GR56.3 5060. 56.2 5065. 57. 5069.1 57. 5069.11 57. 5071.

GR57.	5071.01	60.	5077.2	60.	5077.21	65.	5127.	70.	5177.
GR70.	5227.	70.	5277.	73.	5500.	76.	5590.	80.	6163.6
NC			.3	.5				4810	5260 5270
NH3.	4, 100. ^{4850.} 12	5000.	.048	5077.2	.085	6163.6		4850 5210.	
ET							9.1	4905 5170.	4900 5057.
X135069.			285.	285.	285.			.35	
X310.							70.85	70.69	
		5000.	.048	5077.2	.085	6163.6		4810	5260 5270
SB1.25	1.56	2.6	0.	42.843	1.	685.	1.0986	55.	55.
ET							9.1	4885 5185	4905 5170.
								4900 5177.2	
X135101.			32.	32.	32.				
X2	1.	67.36	70.69						
X310.							70.85	70.69	
BT-46.	4458.6	90.	90.	4590.	85.	85.	4690.	80.	73.
BT	4800.	75.56	70.	4850.	73.77	70.	4900.	72.41	70.
BT	4950.	71.49	66.	5000.	70.85	61.5	5000.01	73.36	61.5
BT	5001.	73.36	61.5	5001.01	73.36	65.53	5002.8	73.36	65.53
BT	5002.81	73.36	67.36	5005.	73.35	67.36	5010.	73.34	67.36
BT	5015.	73.35	67.36	5020.	73.34	67.36	5025.	73.34	67.36

FAIRVIEW
DR



BT 5030. 73.32 67.36 5035. 73.32 67.36 5037.5 73.32 67.36

BT 5037.51 73.32 65.53 5038.25 73.33 65.53 5038.26 73.33 55.

BT 5039.25 73.34 55. 5039.26 73.34 65.53 5040. 73.34 65.53

BT 5040.01 73.34 67.36 5045. 73.36 67.36 5050. 73.36 67.36

BT 5055. 73.35 67.36 5060. 73.32 67.36 5065. 73.3 67.36

BT 5069.1 73.3 67.36 5069.11 73.3 65.53 5071. 73.3 65.53

BT 5071.01 73.3 57. 5077.2 73.29 60. 5077.21 70.69 60.

BT 5127. 70.8 65. 5177. 71.11 70. 5227. 71.32 70.

BT 5277. 71.48 70. 5500. 73. 70. 5590. 76. 76.

BT 6163.6 80. 80.

NH3. 100. 4850. 12
.11 5000. .048 5077.2 .085 6163.6

ET

9.1 10.41 4860. 5310. 5320 450

X135171. 70.5 70.5 70.5 .19

#4
SB

QT7. 2600. 3810. 5590. 7480. 9330. 15130. 9330.

FAIRVIEW

NC.1 .1 .05 .1 .3

NH5. 100. 5510. .11 5660. .048 5730. .085 5920. 100.

NH7035.

ET X135310.15. 5660. 5730. 139. 139. 139. 9.1 5425. 5875 5885, 450

#8 COE

GR86. 5000. 71.2 5020. 67.3 5100. 67.5 5220. 64.6 5235.

GR63.3 5300. 65. 5510. 65.6 5660. 57.5 5675. 56. 5700.

GR57.1 5725. 68. 5730. 76. 5920. 75. 6180. 80. 7035.

NH5. .15 5130. .11 5415. .048 5579. .085 6090. 100.

NH7229.

ET
X135460.25. 5415. 5579. 149.5 124.5 150. 9.1 5167.
~~5275~~ 5297. 5647.

LCK
X41. 80. 5000.

GR85. 4927. 75. 5025. 70. 5060. 68. 5130. 65. 5415.

GR60.24 5504. 58.04 5512. 57. 5520. 56.39 5524. 55.8 5532.

GR56.27 5541. 55.94 5550. 56.19 5557. 57. 5560. 58.19 5566.

GR65.44 5579. 65.54 5594. 70. 6072. 75. 6090. 75. 6260.

GR78. 6769.99 88. 6770. 88. 6920. 79. 6920.01 80. 7229.

NH5. .15 4800. .11 4988. .048 5063. .085 5590. 100.

NH7060.

ET 9.1 4689
~~4888~~ 5138.

X135829.34. 4988. 5063. 368. 293. 369. -.33

#1
X41. 79.67 4560.

STEEL
WALKING
PIPE

GR85. 4165.5 75. 4800. 70. 4940. 66.2 4988. 66.2 4988.01

GR65.3 4992.7 65.3 4992.71 63.6 5000. 60.2 5005. 59.5 5010.

GR58.97 5015. 57.3 5015.01 57.2 5020. 57.5 5025. 57.5 5030.

1											
2											
3	BT	5045.	68.04	59.07	5050.	66.3	59.09	5052.	65.61	59.1	
4											
5											
6	BT	5052.01	65.61	59.1	5055.	65.61	61.	5060.	65.61	65.43	
7											
8											
9	BT	5063.	69.3	69.3	5102.	72.5	72.5	5152.	73.1	73.1	
10											
11											
12	BT	5187.	73.39	73.39	5420.	76.	76.	5590.	77.	77.	
13											
14											
15	BT	5639.99	77.	77.	5640.	95.	95.				
16											
17											
18	NH5.	.15	4800.	.11	4988.	.048	5063.	.085	5590.	100.	
19											
20											
21	NH7060.										
22											
23	BT							9.11	4688.	5138.	
24	X136043.				14.	14.	14.				
25											
26											
27	X2						1.				
28											
29											
30	NH5.	.15	4800.	.11	4988.	.048	5063.	.085	5590.	100.	
31											
32											
33	NH7060.										
34											
35	BT							9.11	4688.	5138.	
36	X136044.				1.	1.	1.				
37											
38											
39	X310.							63.6	69.3		
40											
41											
42	NH5.	.15	4800.	.11	4988.	.048	5063.	.085	5590.	100.	
43											
44											
45	NH7060.										
46											
47	BT							9.11	4688.	5138.	
48	X136093.				49.	49.	49.		.19		
49											
50											
51	NC.1	.1	.05	.1	.3						
52											
53											
54	NH5.	.15	5900.	.11	6035.	.048	6112.	.085	6300.	100.	
55											
56											
57	NH6820.										

LAST #6
STEEL WALKING

PRINTED IN U.S.A.

14112 G.B.

C.C.E. #

*1' DIS
RETAINING
WALL*

RETAIN

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9.1 5645. 5835. 6105.

X136260.16. 6035. 6112. 167. 142. 167.

GR83. 5400. 80. 5580. 75. 5720. 65.2 5800. 66. 5900.

GR66.6 6000. 68.2 6035. 57.1 6045. 56.9 6069. 57.6 6093.

GR72.7 6112. 77.7 6125. 77.6 6300. 76.6 6400. 76.4 6500.

GR78. 6820.

NH5. .15 4742.5 .11 5000. .048 5073. .085 5400. 100.

NH5527.

ET 9.1 4223. 5073.
~~10.41~~

X136385.23. 5000. 5073. 125. 125. 125.

GR85. 4452.5 80. 4472.5 75. 4497.5 70. 4512.5 66. 4742.5

GR67.44 5000. 58.66 5010. 57.84 5015. 58.1 5025. 58.02 5035.

GR57.14 5042. 58.66 5045. 61.7 5052. 71.02 5060. 80.44 5073.

GR80. 5132.5 95. 5132.51 95. 5257.5 77. 5257.51 70. 5357.

GR77. 5400. 77. 5526.99 95. 5527.

NH5. .15 4742.5 .11 5000. .048 5073. .085 5400. 100.

NH5527.

ET 9.1 4223. 5073.

X136386.24. 5000. 5073. 1. 1. 1.

GR85. 4452.5 80. 4472.5 75. 4497.5 70. 4512.5 66. 4742.5

U.S. NATIONAL ARCHIVES

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2										
3	GR67.44	5000.	58.66	5010.	57.84	5015.	58.1	5025.	58.02	5035.
4										
5										
6	GR57.14	5042.	58.66	5045.	61.7	5052.	70.2	5052.01	71.02	5060.
7										
8										
9	GR80.44	5073.	80.	5132.5	95.	5132.51	95.	5257.5	77.	5257.51
10										
11										
12	GR70.	5357.	77.	5400.	77.	5526.99	95.	5527.		
13										
14										
15	NH5.	.15	4840.	.11	5000.	.048	5068.	.085	5350.	100.
16										
17										
18	NH5467.									
19										
20										
21	ET X136655.24.	5000.	5068.	281.	271.	269.				
22										
23										
24	GR85.	3822.	80.	3977.	75.	4102.	70.	4672.	65.	4677.
25										
26										
27	GR65.	4702.	66.	4840.	66.	4922.	67.53	5000.	58.77	5014.
28										
29										
30	GR57.77	5018.	57.87	5028.	58.23	5038.	58.23	5046.	69.23	5046.01
31										
32										
33	GR80.44	5068.	80.	5122.	95.	5122.01	95.	5247.	77.	5247.01
34										
35										
36	GR70.	5327.	77.	5350.	77.	5466.99	95.	5467.		
37										
38										
39	NH5.	.15	4790.	.11	5000.	.048	5065.	.085	5335.	100.
40										
41										
42	NH5437.5									
43										
44	ET X136924.20.	5000.	5065.	269.	269.	269.				
45										
46										
47										
48	GR85.	3777.	80.	3932.	75.	4057.	70.	4612.	65.	4622.
49										
50										
51	GR65.	4642.	66.	4790.	66.	4872.	67.53	5000.	59.16	5010.
52										
53										
54	GR58.49	5030.	59.16	5045.	60.66	5050.	70.16	5050.01	72.8	5065.
55										
56										
57	GR75.	5072.5	76.	5187.5	77.	5335.	77.	5437.49	95.	5437.5

MIDDLE
RETAINING

RETAIN

4618.
9.1 4623 5068.

9.1 4615 5065.

14112 C.B.

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3		NH5.	.15	4790.	.11	5000.	.048	5065.	.085	5335. 100.
4										
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6		NH5437.5								
7								9.1	4615.	5065.
8		ET								
9		X136925.19.		5000.	5065.	1.	1.	1.		
10										
11										
12		GR85.	3777.	80.	3932.	75.	4057.	70.	4612.	65. 4622.
13										
14										
15		GR65.	4642.	66.	4790.	66.	4872.	67.53	5000.	59.16 5010.
16										
17										
18		GR58.49	5030.	59.16	5045.	60.66	5050.	72.8	5065.	75. 5072.5
19										
20										
21		GR76.	5187.5	77.	5335.	77.	5437.49	95.	5437.5	
22										
23										
24		NC			.3	.5				
25										
26										
27		NH4.	.15	4800.	.11	5000.	.048	5100.	.085	5365.
28										
29										
30		ET						9.1	4605.	4530. 5105.
31										
32										
33		X137179.27.		5000.	5100.	214.5	257.	254.		
34										
35										
36		X310..							65.62	65.75
37										
38										
39		X41.	75.	4000.						
40										
41										
42		GR80.	3950.	68.	4800.	70.	4850.	70.	4900.	70. 4950.
43										
44										
45		GR73.33	5000.	70.32	5010.	65.62	5035.	64.37	5035.01	60.5 5050.
46										
47										
48		GR59.9	5055.	59.7	5060.	59.4	5065.	59.	5070.	59. 5075.
49										
50										
51		GR59.8	5080.	60.3	5085.	61.8	5090.	64.5	5095.	65.75 5095.01
52										
53										
54		GR70.	5100.	69.4	5105.	69.9	5110.	72.1	5115.	73.2 5120.
55										
56										
57		GR77.45	5150.	80.	5365.					

1' O/S
 RETAIN
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#6
PIPE
#1 VA

4604
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PRINTED IN U.S.A.

D

BT	4999.99	76.18	73.33	5000.	78.9	73.33	5001.	78.88	73.31
BT	5002.5	78.83	73.26	5006.	78.75	73.18	5010.	78.75	73.18
BT	5015.	78.75	73.18	5020.	78.75	73.18	5025.	78.75	73.18
BT	5030.	78.75	73.18	5035.	78.75	73.18	5038.75	78.8	73.23
BT	5038.76	78.8	70.73	5039.5	78.8	70.73	5039.51	78.8	66.7
BT	5040.5	78.8	66.7	5040.51	78.8	70.73	5041.25	78.8	70.73
BT	5041.26	78.8	73.23	5045.	78.78	73.21	5050.	78.75	73.18
BT	5055.	78.77	73.2	5060.	78.77	73.2	5065.	78.78	73.21
BT	5070.	78.78	73.21	5075.	78.78	73.21	5078.75	78.79	73.22
BT	5078.76	78.79	70.72	5079.5	78.79	70.72	5079.51	78.79	59.8
BT	5080.5	78.79	59.8	5080.51	78.79	70.72	5081.25	78.79	70.72
BT	5081.26	78.79	73.22	5085.	78.81	73.24	5090.	78.78	73.21
BT	5095.	78.74	73.17	5100.	78.73	73.19	5105.	78.73	73.19
BT	5110.	78.74	73.14	5115.	78.75	73.18	5120.	78.93	73.2
BT	5120.01	76.21	73.2	5150.	77.45	77.45	5365.	80.	80.
NH4.	.15	4800.	.11	5000.	.048	5120.	.085	5365.	
ET						9.11	4609. 4550.	5160.	
X137271.			41.5	41.5	41.5				
X2						1.			

14112 LB.

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1											
2											
3	X138285.80.	5000.	5481.5	490.5	545.5	545.					
4											
5											
6	X310.						84.76	83.06			
7											
8											
9	GR82.26	5000.	81.3	5005.	80.7	5010.	74.5	5023.5	74.5	5023.51	
10											
11											
12	GR74.5	5026.5	74.5	5026.51	71.3	5035.	70.5	5045.	70.4	5055.	
13											
14											
15	GR71.8	5072.5	71.8	5072.51	71.8	5077.5	71.8	5077.51	71.3	5085.	
16											
17											
18	GR71.1	5095.	70.9	5105.	70.6	5115.	70.5	5123.5	70.5	5123.51	
19											
20											
21	GR70.5	5127.5	70.5	5127.51	70.5	5135.	70.5	5145.	69.9	5155.	
22											
23											
24	GR69.3	5170.	69.	5173.5	69.	5173.51	69.	5176.5	69.	5176.51	
25											
26											
27	GR68.9	5180.	66.5	5195.	65.6	5199.5	65.6	5199.51	65.6	5200.5	
28											
29											
30	GR65.6	5200.51	64.8	5205.	63.5	5212.5	63.5	5212.51	63.5	5215.5	
31											
32											
33	GR63.5	5215.51	62.7	5220.	61.9	5225.	61.5	5230.	62.	5240.	
34											
35											
36	GR62.16	5245.	63.3	5250.	65.4	5255.	68.46	5260.	69.16	5265.	
37											
38											
39	GR69.36	5270.	69.16	5277.5	69.16	5277.51	69.16	5280.5	69.16	5280.51	
40											
41											
42	GR69.36	5290.	69.16	5300.	69.46	5310.	69.46	5315.5	69.46	5315.51	
43											
44											
45	GR69.46	5318.5	69.46	5318.51	69.86	5325.	69.86	5329.5	69.86	5329.51	
46											
47											
48	GR69.86	5330.5	69.86	5330.51	69.86	5335.	70.06	5340.	70.36	5350.	
49											
50											
51	GR70.76	5353.5	70.76	5353.51	70.76	5356.5	70.76	5356.51	71.56	5365.	
52											
53											
54	GR73.46	5370.	74.26	5375.	81.2	5381.5	83.06	5481.5	83.06	5581.5	
55											
56											
57	NH2.	.048	5481.5	.085	5581.5						

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BT-80. 5000. 84.76 82.26 5005. 84.76 82.26 5010. 84.75 82.25

BT 5023.5 84.66 82.16 5023.51 84.66 74.5 5026.5 84.66 74.5

BT 5026.51 84.66 82.16 5035. 84.61 82.11 5045. 84.57 82.07

BT 5055. 84.53 82.03 5072.5 84.45 81.95 5072.51 84.45 71.8

BT 5077.5 84.45 71.8 5077.51 84.45 81.95 5085. 84.39 81.89

BT 5095. 84.36 81.86 5105. 84.35 81.85 5115. 84.31 81.81

BT 5123.5 84.29 81.79 5123.51 84.29 70.5 5127.5 84.29 70.5

BT 5127.51 84.29 81.79 5135. 84.25 81.75 5145. 84.24 81.74

BT 5155. 84.2 81.7 5170. 84.16 81.66 5173.5 84.13 81.63

BT 5173.51 84.13 69. 5176.5 84.13 69. 5176.51 84.13 81.63

BT 5180. 84.1 81.6 5195. 84.07 81.57 5199.5 84.1 81.6

BT 5199.51 84.1 65.6 5200.5 84.1 65.6 5200.51 84.1 81.6

BT 5205. 84.04 81.54 5212.5 84.04 81.53 5212.51 84.04 63.5

BT 5215.5 87.59 63.7 5215.51 87.59 81.51 5220. 87.59 81.5

BT 5225. 87.63 81.49 5230. 87.67 81.47 5240. 87.67 81.43

BT 5245. 87.67 81.41 5250. 87.6 81.39 5255. 87.6 81.38

BT 5250. 87.6 81.36 5265. 87.51 81.34 5270. 87.44 81.32

BT 5277.5 87.39 81.32 5277.51 87.39 69.16 5280.5 83.82 69.16

14112 G.B.

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14112 9/8

1										
2										
3	BT	5280.51	83.82	81.31	5290.	83.82	81.31	5300.	83.83	81.33
4										
5										
6	BT	5310.	83.84	81.34	5315.5	83.83	81.33	5315.51	83.83	69.46
7										
8										
9	BT	5318.5	83.83	69.46	5318.51	83.83	81.33	5325.	83.83	81.33
10										
11										
12	BT	5329.5	83.82	81.32	5329.51	83.82	69.86	5330.5	83.82	69.86
13										
14										
15	BT	5330.51	83.82	81.32	5335.	83.83	81.33	5340.	83.82	81.32
16										
17										
18	BT	5350.	83.8	81.3	5353.5	83.8	81.3	5353.51	83.8	70.76
19										
20										
21	BT	5356.5	83.8	70.76	5356.51	83.8	81.3	5365.	83.76	81.26
22										
23										
24	BT	5370.	83.73	81.23	5375.	83.7	81.2	5381.5	83.7	81.2
25										
26										
27	BT	5481.5	83.06	83.06	5581.5	83.06	83.06			
28										
29										
30	NH2.	.048	5481.5	.085	5581.5					
31										
32										
33	X138303.				17.	17.	17.			
34										
35										
36	X2						1.			
37										
38										
39	NH2.	.048	5481.5	.085	5581.5					
40										
41										
42	X138304.				1.	1.	1.			
43										
44										
45	X310.							84.76	83.06	
46										
47										
48	NH2.	.048	5481.5	.085	5581.5					
49										
50										
51	X138503.				199.	199.	199.		.32	
52										
53										
54	EJ									
55										
56										
57	T1	HAYES, SEAY, MATTERN & MATTERN						CALDWELL CO/LENOIR, NC FIS		

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T2 FILENAME: LW.HEC ENG: SKE EA: DLY CDMM 2320

T3 LOWER CREEK, FLOODWAY DATE: 01/25/86 100-YEAR EVENT

J1 B.O 29.41

J215. -1.

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