

Smoky/Greek



THIS RUN EXECUTED 11/07/85 00:31:50

 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

C
 T1 HAYES, SEAY, MATERN & MATERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SCE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/7/85 10-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WDEL	FQ
	0.	4.	0.	0.	.004840	.00	.0	0.	80.000	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIK	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	201.000	.000	.000	.000	.000	.000
J5	LPRNT	NUMSEC	*****REQUESTED SECTION NUMBERS*****							
	-10.000	-10.000	.000	.000	.000	.000	.000	.000	.000	.000
J6	IHLEQ	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	8.000	1021.000	1821.000	2187.000	3311.000	1658.000	3109.000	3651.000	5161.000	.000
NC	.100	.100	.050	.100	.300	.000	.000	.000	.000	.000

FIELD 1 OF THE X1 CARD IS THE DISTANCE ABOVE THE COUNTY LINE

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATION ABOVE SEA LEVEL. ELEVATIONS ADJUSTED FOR PROGRAM.

CROSS SECTION: SMA
THIS CROSS SECTION LIES 1500 DOWNSTREAM OF THE COUNTY LINE

X1	.010	25.000	5335.000	5407.000	.000	.000	.000	.000	.000	.000
GR	108.000	5000.000	104.000	5080.000	100.000	5120.000	96.000	5170.000	92.000	5255.000
GR	89.000	5300.000	88.000	5335.000	84.000	5345.000	80.000	5355.000	77.100	5365.000
GR	75.800	5370.000	75.900	5377.000	77.100	5384.000	78.300	5392.000	80.000	5397.000
GR	84.000	5407.000	85.000	5422.000	88.000	5442.000	90.000	5467.000	92.000	5497.000
GR	94.000	5532.000	96.000	5552.000	100.000	5567.000	104.000	5577.000	108.000	5592.000

CROSS SECTION: SMB

X1	1700.000	28.000	5193.000	5227.000	3200.000	3200.000	3200.000	.000	.000	.000
GR	124.000	5000.000	120.000	5025.000	116.000	5040.000	112.000	5045.000	108.000	5077.000
GR	104.000	5095.000	102.000	5113.000	100.000	5150.000	98.000	5168.000	96.000	5183.000
GR	98.200	5193.000	93.800	5200.000	93.000	5203.000	92.900	5208.000	92.600	5218.000
GR	93.000	5223.000	97.000	5227.000	96.000	5237.000	100.000	5262.000	104.000	5282.000
GR	106.000	5297.000	108.000	5312.000	112.000	5332.000	113.000	5352.000	114.000	5387.000
GR	116.000	5412.000	120.000	5437.000	124.000	5462.000	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3141.500	22.000	5001.500	5020.000	1441.500	1441.500	1441.500	.000	-.190	.000
GR	124.000	4920.000	120.000	4940.000	116.000	4950.000	112.000	4970.000	108.000	4990.000
GR	108.000	4990.010	106.230	4999.990	106.230	5000.000	106.230	5001.500	102.080	5001.510
GR	102.500	5009.000	102.910	5014.000	101.750	5014.500	105.190	5014.510	105.150	5015.500
GR	105.160	5016.000	106.420	5016.010	108.000	5018.000	112.000	5020.000	116.000	5045.000
GR	120.000	5054.000	124.000	5062.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	3192.500	.000	.000	.000	51.000	51.000	51.000	.000	.190	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.230	106.420	.000

BRIDGE #1, DIRT ROAD

WIDTH: 13 FEET
ELLIP: 105.14

X1	3193.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-21.000	4920.000	124.000	124.000	4940.000	120.000	120.000	4950.000	116.000	116.000
BT	.000	4970.000	112.000	112.000	4990.000	108.000	108.000	4999.990	106.230	106.230
BT	.000	5000.000	106.230	106.230	5001.500	106.230	106.230	5001.510	106.240	105.020
BT	.000	5009.000	106.340	105.190	5014.000	106.400	105.180	5014.500	106.400	105.140
BT	.000	5014.510	106.400	105.140	5015.500	106.410	105.150	5016.000	106.420	105.160
BT	.000	5016.010	106.420	106.420	5018.000	108.000	108.000	5020.500	112.000	112.000
BT	.000	5045.000	116.000	116.000	5054.000	120.000	120.000	5062.000	124.000	124.000

X1	4509.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	115.880	115.890	.000

END BRIDGE CROSS SECTIONS FOR BRIDGE #1A

X1	4528.300	.000	.000	.000	18.800	18.800	18.800	.000	.040	.000
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CROSS SECTION: SMD SURVEY BY HSM+M

X1	6180.000	18.000	5232.000	5262.000	2000.000	2000.000	2000.000	.000	.000	.000
GR	135.100	5000.000	132.800	5050.000	130.100	5100.000	125.400	5150.000	122.900	5170.000
GR	119.600	5200.000	118.700	5232.000	116.200	5242.000	113.200	5250.000	113.600	5258.000
GR	118.900	5262.000	118.800	5269.000	120.000	5300.000	122.200	5334.000	123.600	5350.000
GR	128.790	5400.000	131.500	5444.000	134.100	5500.000	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #2

X1	6715.500	25.000	4999.990	5035.720	535.500	535.500	535.500	.000	-.440	.000
GR	140.000	4865.000	136.000	4890.000	132.000	4960.000	130.480	4999.990	128.100	5000.000
GR	128.100	5000.010	128.100	5000.020	128.100	5000.030	128.100	5000.300	128.100	5001.000
GR	128.100	5003.490	118.060	5003.500	117.700	5007.000	117.900	5017.000	118.060	5025.000
GR	120.830	5030.000	121.010	5034.500	128.550	5034.510	128.550	5035.000	128.550	5035.700
GR	128.550	5035.710	131.240	5035.720	132.000	5045.700	136.000	5100.700	140.000	5125.700
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	6838.500	.000	.000	.000	123.000	123.000	123.000	.000	.440	.000
X3	10.000	.000	.000	.000	.000	.000	.000	130.480	131.240	.000

BRIDGE #2, SR 1134

WIDTH: 21 FEET
ELLCC: 128.55

X1	6839.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-21.000	4865.000	140.000	140.000	4890.000	136.000	136.000	4960.000	132.000	132.000
BT	.000	4999.990	130.480	130.480	5000.000	130.480	128.100	5000.010	133.140	128.100
BT	.000	5000.300	133.150	128.100	5001.000	133.160	128.110	5003.490	133.160	128.110
BT	.000	5007.000	133.260	128.190	5017.000	133.440	128.320	5025.000	133.580	128.430
BT	.000	5030.000	133.670	128.490	5034.500	133.750	128.550	5034.510	133.750	128.550
BT	.000	5035.700	133.770	128.550	5035.710	131.240	128.550	5035.720	131.240	131.240
BT	.000	5045.700	132.000	132.000	5100.700	136.000	136.000	5125.700	140.000	140.000
X1	6860.500	.000	.000	.000	21.000	21.000	21.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X1	6861.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	130.480	131.240	.000

THIS RUN EXECUTED 11/07/85 00:32:34

 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

T1 HAYES, SEAY, MATTER: & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KNC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/7/85 50-YEAR EVENT

J1	ICHECK	IHQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	.001685	.00	.0	0.	79.680	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLER = 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 11/07/85 00:33:05

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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/7/85 100-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.001685	.00	.0	0.	79.680	.090
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

INLEG = 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 11/07/85 00:33:36

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/7/85 500-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	USEL	FQ
	0.	5.	0.	0.	.001685	.00	.0	0.	79.680	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIK	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 11/07/85 00:34:01

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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC HSM&M Q ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/7/85 10-YEAR EVENT

J1	ICHECK	INO	NINV	IDIR	STRT	NETRIC	HVINS	Q	WSEL	FQ
	0.	6.	0.	0.	.001685	.00	.0	0.	79.680	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
	5.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IHLED = 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 11/07/85 00:34:26

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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.NEC HSM&M Q ENG: SKE EA: KMC & EKL CCMN 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/7/85 50-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	7.	0.	0.	.001685	.00	.0	0.	79.680	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIK	ITRACE
	6.000	.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 11/07/85 00:34:52

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SPOKY.HEC HSM&M Q ENG: SKE EA: KMC & EKL COMM 2320
 T3 SPOKY CREEK, CALDWELL CO., NC DATE: 11/7/85 100-YEAR EVENT

STRT	CHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ	
		0.	8.	0.	0.	.001685	.00	.0	0.	79.680	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE	
	7.000	.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 11/07/85 00:35:18

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC HSM&M Q ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/7/85 100-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	9.	0.	0.	.001685	.00	.0	0.	79.680	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	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 11/07/85 00:35:49

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

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

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECNO	HL	OLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
.010	.00	.00	85.14	.61	84.53	.00	75.80	48.37	.00	350.80	314.44	.00
.010	.00	.00	86.17	.26	85.90	.00	75.80	16.59	.00	461.52	447.06	.00
.010	.00	.00	86.96	.29	86.67	.00	75.80	16.88	.00	530.98	532.24	.00
.010	.00	.00	89.03	.38	88.65	.00	75.80	16.93	.00	745.11	806.35	.00
.010	.00	.00	85.75	.25	85.50	.00	75.80	16.71	.00	427.11	405.54	.00
.010	.00	.00	88.71	.36	88.35	.00	75.80	16.89	.00	705.47	756.50	.00
.010	.00	.00	89.50	.40	89.10	.00	75.80	17.04	.00	812.12	884.57	.00
.010	.00	.00	91.43	.48	90.95	.00	75.80	16.72	.00	1150.75	1262.26	.00
1700.000	16.08	.01	101.23	.65	100.58	16.05	92.60	52.10	.00	458.04	303.00	3200.00
1700.000	13.65	.24	100.06	1.06	99.00	13.09	92.60	109.73	.00	284.00	173.84	3200.00
1700.000	13.46	.25	100.67	1.12	99.55	12.89	92.60	104.85	.00	339.50	213.59	3200.00
1700.000	12.91	.26	102.20	1.26	100.95	12.30	92.60	96.15	.00	504.11	338.38	3200.00
1700.000	13.79	.23	99.77	1.02	98.75	13.25	92.60	111.04	.00	260.32	157.34	3200.00
1700.000	12.98	.26	101.95	1.24	100.71	12.36	92.60	97.36	.00	473.78	315.08	3200.00
1700.000	12.81	.26	102.58	1.29	101.30	12.20	92.60	94.10	.00	553.42	376.37	3200.00
1700.000	12.36	.28	104.07	1.41	102.66	11.71	92.60	89.21	.00	767.25	546.42	3200.00
3141.500	12.32	.21	113.77	1.36	112.41	11.83	101.56	140.29	.00	277.40	184.65	1441.50
3141.500	13.51	.02	113.60	.83	112.77	13.77	101.56	81.83	.00	298.13	201.30	1441.50
3141.500	13.67	.02	114.36	.94	113.42	13.87	101.56	86.56	.00	340.69	235.07	1441.50
3141.500	14.07	.00	116.28	1.24	115.04	14.09	101.56	99.09	.00	465.17	333.31	1441.50
3141.500	13.41	.02	113.20	.78	112.43	13.68	101.56	100.04	.00	278.24	185.32	1441.50
3141.500	14.01	.01	115.96	1.18	114.78	14.07	101.56	97.51	.00	442.88	315.65	1441.50
3141.500	14.15	.01	116.74	1.31	115.43	14.13	101.56	102.41	.00	499.69	360.78	1441.50
3141.500	14.42	.06	118.54	1.59	116.95	14.29	101.56	112.19	.00	646.85	487.27	1441.50

SECNO	HL	01565	EG	HV	CMSEL	DIFMSX	ELMIN	10K'S	ELLC	AREA	.01K	XLCH
3192.500	.57	.11	114.45	.99	113.46	1.05	101.75	92.86	.00	330.42	226.96	51.00
3192.500	.59	.03	114.01	.74	113.27	.55	101.75	70.48	.00	317.73	216.91	51.00
3192.500	.41	.03	114.80	.82	113.97	.55	101.75	73.47	.00	366.16	255.15	51.00
3192.500	.45	.06	116.79	1.04	115.75	.71	101.75	80.14	.00	512.05	370.65	51.00
3192.500	.38	.02	113.61	.69	112.91	.49	101.75	69.09	.00	295.83	199.47	51.00
3192.500	.44	.05	116.46	1.00	115.46	.68	101.75	79.12	.00	485.57	349.52	51.00
3192.500	.46	.07	117.27	1.09	116.18	.75	101.75	81.65	.00	552.77	404.05	51.00
3192.500	.50	.09	119.13	1.28	117.85	.90	101.75	86.33	.00	719.79	555.47	51.00
3193.500	.01	.08	114.54	.74	113.80	.34	101.75	166.11	124.00	336.90	169.69	1.00
3193.500	.01	.05	114.07	.58	113.49	.21	101.75	136.58	124.00	314.80	155.82	1.00
3193.500	.01	.06	114.87	.62	114.25	.28	101.75	132.30	124.00	369.23	190.14	1.00
3193.500	.01	.10	116.90	.69	116.21	.46	101.75	120.64	124.00	538.67	302.08	1.00
3193.500	.01	.04	113.66	.56	113.09	.18	101.75	140.56	124.00	289.25	139.85	1.00
3193.500	.01	.10	116.57	.63	115.88	.43	101.75	122.87	124.00	507.83	280.48	1.00
3193.500	.01	.12	117.40	.83	116.57	.51	101.75	117.92	124.00	584.75	336.21	1.00
3193.500	.01	.15	119.29	.79	118.49	.64	101.75	112.83	124.00	769.52	485.86	1.00
3206.500	.20	.02	114.76	.65	114.11	.30	101.75	142.44	124.00	358.37	183.25	13.00
3206.500	.17	.02	114.25	.53	113.72	.23	101.75	120.77	124.00	330.55	165.70	13.00
3206.500	.16	.02	115.05	.57	114.48	.23	101.75	118.19	124.00	386.53	201.16	13.60
3206.500	.15	.02	117.07	.64	116.43	.21	101.75	109.71	124.00	559.78	316.77	13.00
3206.500	.17	.02	113.84	.51	113.33	.24	101.75	123.33	124.00	304.38	149.29	13.00
3206.500	.15	.01	116.73	.63	116.10	.22	101.75	111.76	124.00	527.54	294.08	13.00
3206.500	.15	.01	117.56	.66	116.90	.21	101.75	107.51	124.00	605.64	352.11	13.00
3206.500	.14	.01	119.44	.75	118.69	.20	101.75	104.69	124.00	790.95	504.41	13.00
3207.500	.01	.07	114.85	.80	114.04	.07	101.75	71.28	.00	371.08	259.03	1.00
3207.500	.01	.05	114.31	.64	113.67	.05	101.75	58.33	.00	344.94	238.43	1.00
3207.500	.01	.07	115.12	.71	114.42	.06	101.75	60.45	.00	399.33	281.28	1.00
3207.500	.01	.11	117.18	.86	116.32	.10	101.75	63.64	.00	566.61	415.91	1.00
3207.500	.01	.05	113.90	.60	113.29	.04	101.75	57.71	.00	319.42	218.25	1.00
3207.500	.01	.10	116.85	.84	116.01	.10	101.75	63.59	.00	536.02	389.87	1.00
3207.500	.01	.12	117.68	.89	116.79	.11	101.75	64.04	.00	612.49	456.23	1.00
3207.500	.01	.15	119.60	1.04	118.55	.14	101.75	67.62	.00	793.71	627.61	1.00
3219.500	.09	.03	114.96	.86	114.10	.06	102.00	77.54	.00	357.54	248.36	12.00
3219.500	.07	.02	114.41	.68	113.72	.05	102.00	63.95	.00	331.38	227.72	12.00
3219.500	.08	.03	115.23	.75	114.47	.05	102.00	65.94	.00	384.16	269.33	12.00
3219.500	.08	.03	117.29	.92	116.37	.05	102.00	69.01	.00	547.33	399.42	12.00
3219.500	.07	.02	113.99	.65	113.34	.05	102.00	63.44	.00	306.72	208.16	12.00
3219.500	.08	.03	116.95	.90	116.06	.05	102.00	68.78	.00	517.36	374.89	12.00
3219.500	.08	.03	117.79	.95	116.84	.05	102.00	69.23	.00	592.79	438.78	12.00
3219.500	.08	.03	119.71	1.10	118.61	.05	102.00	72.31	.00	772.79	606.93	12.00

SECHO	HL	OLOSS	EG	HV	CASEL	DIFVFX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
4180.000	1.19	.07	116.23	.13	116.10	2.00	106.50	6.76	.00	873.61	841.09	960.50
4180.000	1.12	.06	115.59	.11	115.48	1.75	106.50	6.44	.00	771.67	717.65	960.50
4180.000	1.10	.06	116.39	.12	116.27	1.80	106.50	6.26	.00	500.85	874.35	960.50
4180.000	1.06	.08	118.43	.15	118.28	1.90	106.50	5.99	.00	1297.21	1356.07	960.50
4180.000	1.15	.05	115.19	.10	115.09	1.75	106.50	6.59	.00	711.07	646.11	960.50
4150.000	1.06	.08	118.09	.15	117.94	1.89	106.50	6.01	.00	1226.74	1267.97	960.50
4180.000	1.06	.08	118.93	.16	118.77	1.93	106.50	5.98	.00	1405.07	1493.04	960.50
4186.000	1.08	.09	120.88	.19	120.69	2.08	106.50	6.08	.00	1857.52	2093.41	960.50
4428.300	.97	.11	117.31	.49	116.82	.71	110.22	71.33	.00	639.86	258.94	248.30
4428.300	1.17	.14	116.90	.58	116.32	.84	110.22	87.58	.00	505.40	194.59	248.30
4428.300	.88	.10	117.37	.45	116.92	.65	110.22	64.69	.00	665.12	271.91	248.30
4428.300	.48	.04	118.95	.28	118.67	.39	110.22	32.99	.00	1166.81	577.70	248.30
4428.300	1.35	.17	116.72	.67	116.05	.96	110.22	102.54	.00	433.58	163.73	248.30
4428.300	.53	.05	118.66	.30	118.36	.42	110.22	36.29	.00	1075.74	516.07	248.30
4428.300	.43	.03	119.39	.26	119.14	.36	110.22	28.96	.00	1306.76	678.46	248.30
4428.300	.32	.01	121.21	.22	120.99	.30	110.22	19.84	.00	1890.96	1158.62	248.30
* 4506.500	.98	-.04	118.35	.83	117.52	.70	111.41	125.25	.00	507.25	195.42	78.20
* 4506.500	.93	-.03	118.04	.77	117.27	.95	111.41	118.92	.00	441.47	166.99	78.20
* 4506.500	.99	-.05	118.35	.84	117.51	.59	111.41	126.34	.00	505.35	194.57	78.20
* 4506.500	.89	-.01	117.90	.73	117.16	1.12	111.41	65.88	.00	902.22	405.73	78.20
* 4506.500	.43	.13	119.22	.55	118.67	.31	111.41	74.93	.00	413.75	155.68	78.20
4506.500	.34	.10	119.83	.46	119.37	.24	111.41	57.12	.00	823.77	359.16	78.20
4506.500	.21	.06	121.48	.34	121.14	.15	111.41	34.66	.00	1025.39	483.06	78.20
4507.500	.01	.15	118.51	.34	118.17	.66	111.41	152.70	132.00	594.70	176.98	1.00
* 4507.500	.01	.14	118.20	.32	117.88	.61	111.41	164.01	132.00	516.73	142.19	1.00
* 4507.500	.01	.15	118.51	.33	118.18	.67	111.41	150.24	132.00	597.81	178.42	1.00
4507.500	.01	.05	119.52	.34	119.18	.23	111.41	103.29	132.00	881.28	326.48	1.00
4507.500	.01	.12	118.04	.32	117.71	.55	111.41	183.84	132.00	468.96	122.28	1.00
4507.500	.01	.06	119.29	.35	118.94	.27	111.41	117.51	132.00	810.81	286.81	1.00
4507.500	.01	.04	119.88	.32	119.56	.19	111.41	86.91	132.00	990.97	391.64	1.00
4507.500	.00	.02	121.51	.27	121.24	.10	111.41	47.37	132.00	1502.27	749.87	1.00
4508.500	.02	.00	118.53	.37	118.19	.02	111.41	159.57	132.00	598.67	178.82	1.00
4508.500	.02	.00	118.21	.31	117.90	.02	111.41	162.34	132.00	518.43	142.92	1.00
4508.500	.01	.00	118.53	.33	118.20	.12	111.41	148.18	132.00	600.47	179.66	1.00
4508.500	.01	.00	119.53	.33	119.19	.01	111.41	103.09	132.00	881.81	326.78	1.00
4508.500	.02	.00	118.06	.32	117.74	.03	111.41	176.99	132.00	474.72	124.63	1.00
4508.500	.01	.00	119.31	.35	118.76	.02	111.41	116.18	132.00	813.77	288.44	1.00
4508.500	.01	.00	119.89	.32	119.57	.01	111.41	86.56	132.00	992.26	392.43	1.00
4508.500	.00	.00	121.52	.27	121.25	.01	111.41	47.25	132.00	1503.47	750.81	1.00

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SECNO	HL	OLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
4509.500	.01	.05	118.58	.43	118.15	-.04	111.41	61.13	.00	680.08	279.71	1.00
4509.500	.01	.04	118.26	.39	117.87	-.03	111.41	57.66	.00	601.63	239.82	1.00
4509.500	.01	.05	118.58	.43	118.16	-.04	111.41	60.88	.00	681.17	280.29	1.00
4509.500	.01	.05	119.59	.44	119.15	-.05	111.41	56.57	.00	959.61	441.15	1.00
4509.500	.01	.03	118.10	.38	117.72	-.02	111.41	56.78	.00	560.63	220.03	1.00
4509.500	.01	.06	119.37	.46	118.91	-.05	111.41	60.54	.00	892.05	399.58	1.00
4509.500	.01	.05	119.94	.41	119.53	-.04	111.41	50.65	.00	1071.10	512.99	1.00
4509.500	.00	.03	121.55	.33	121.22	-.03	111.41	33.12	.00	1585.48	896.72	1.00
4528.300	.11	.01	118.70	.38	118.32	.17	111.45	53.59	.00	715.88	298.76	18.80
4528.300	.10	.01	118.38	.35	118.03	.16	111.45	50.59	.00	634.13	256.03	18.80
4528.300	.11	.01	118.71	.38	118.33	.17	111.45	53.44	.00	716.65	299.18	18.80
4528.300	.10	.01	119.70	.41	119.29	.14	111.45	51.75	.00	991.40	461.23	18.80
4528.300	.10	.01	118.21	.34	117.87	.16	111.45	49.59	.00	592.71	235.45	18.80
4528.300	.11	.01	119.49	.42	119.07	.16	111.45	54.39	.00	928.10	421.57	18.80
4528.300	.09	.01	120.04	.39	119.65	.12	111.45	47.38	.00	1097.25	530.40	18.80
4528.300	.06	.00	121.61	.32	121.29	.07	111.45	32.46	.00	1596.62	905.87	18.80
6180.000	5.58	.04	124.32	.25	124.07	5.75	113.20	18.86	.00	808.90	503.53	2000.00
6180.000	5.35	.04	123.76	.23	123.53	5.50	113.20	18.17	.00	705.17	427.23	2000.00
6180.000	5.58	.04	124.32	.25	124.07	5.75	113.20	18.87	.00	808.72	503.40	2000.00
6180.000	6.00	.03	125.73	.31	125.42	6.13	113.20	21.15	.00	1085.37	721.56	2000.00
6180.000	5.24	.03	123.48	.22	123.26	5.39	113.20	17.79	.00	657.11	393.13	2000.00
6180.000	5.98	.04	125.51	.30	125.21	6.14	113.20	20.64	.00	1039.90	684.38	2000.00
6180.000	6.00	.02	126.06	.33	125.73	6.08	113.20	21.97	.00	1154.15	778.87	2000.00
6180.000	5.69	.05	127.35	.42	126.93	5.64	113.20	25.31	.00	1440.22	1025.80	2000.00
6715.500	2.77	.44	127.53	1.13	126.40	2.32	117.26	84.43	.00	256.15	238.01	535.50
6715.500	2.52	.35	126.63	.94	125.69	2.16	117.26	75.77	.00	234.14	209.20	535.50
6715.500	2.77	.44	127.53	1.13	126.40	2.33	117.26	84.44	.00	256.15	238.00	535.50
6715.500	2.90	.87	129.50	2.05	127.45	2.03	117.26	138.29	.00	288.76	282.15	535.50
6715.500	2.40	.32	126.20	.85	125.34	2.08	117.26	71.84	.00	223.52	195.62	535.50
6715.500	3.48	.64	129.63	1.57	128.06	2.85	117.26	109.48	.00	309.14	297.13	535.50
6715.500	3.15	.95	130.15	2.23	127.93	2.20	117.26	157.00	.00	304.98	291.38	535.50
6715.500	3.87	1.42	132.64	3.26	129.38	2.45	117.26	206.56	.00	356.13	359.09	535.50
6838.500	.92	.05	128.50	.96	127.54	1.14	117.70	66.76	.00	278.20	267.67	123.00
6838.500	.84	.04	127.50	.81	126.69	1.00	117.70	61.54	.00	251.72	232.13	123.00
6838.500	.92	.05	128.50	.96	127.54	1.14	117.70	66.76	.00	278.20	267.67	123.00
6838.500	1.34	.20	131.03	1.40	129.63	2.19	117.70	90.10	.00	349.52	349.56	123.00
6838.500	.80	.03	127.03	.75	126.28	.94	117.70	59.10	.00	239.14	215.67	123.00
6838.500	1.13	.10	130.86	1.23	129.63	1.57	117.70	79.06	.00	349.57	349.65	123.00
6838.500	1.41	.22	131.79	1.48	130.30	2.37	117.70	90.23	.00	373.47	384.36	123.00
6838.500	1.49	.44	134.58	1.78	132.80	3.42	117.70	85.69	.00	546.75	557.54	123.00

SECHNO	HL	GLOSS	EG	HV	CHSEL	DIFMSX	ELKIN	10K*5	ELLC	AREA	.0IK	XLCH
6839.500	.01	.00	128.51	.96	127.55	.01	117.70	66.72	140.00	278.25	267.74	1.00
6839.500	.01	.00	127.51	.81	126.69	.01	117.70	61.48	140.00	251.80	232.25	1.00
6839.500	.01	.00	128.51	.96	127.55	.01	117.70	56.72	140.00	278.25	267.74	1.00
6839.500	.02	.23	131.28	1.86	129.42	-.22	117.70	264.73	140.00	303.01	203.93	1.00
6839.500	.01	.00	127.04	.75	126.29	.01	117.70	59.03	140.00	239.24	215.79	1.00
6839.500	.01	.20	131.08	1.63	129.44	-.19	117.70	232.51	140.00	303.01	203.89	1.00
6839.500	.02	.39	132.19	2.25	129.93	-.37	117.70	325.23	140.00	303.03	202.45	1.00
6839.500	.02	1.32	135.92	4.41	131.51	-1.29	117.70	658.96	140.00	317.41	201.05	1.00
6860.500	.14	.01	128.65	.92	127.73	.19	117.70	62.96	140.00	284.01	275.62	21.00
6860.500	.13	.01	127.64	.78	126.86	.17	117.70	57.98	140.00	257.00	239.14	21.00
6860.500	.14	.01	128.65	.92	127.73	.19	117.70	62.96	140.00	284.01	275.61	21.00
6860.500	.56	.00	131.84	1.26	129.98	-.56	117.70	269.08	140.00	303.03	202.27	21.00
6860.500	.12	.01	127.16	.72	126.45	.16	117.70	55.66	140.00	244.18	222.23	21.00
6860.500	.49	.00	131.57	1.63	129.93	-.49	117.70	235.84	140.00	303.03	202.45	21.00
6860.500	.69	.00	132.88	2.25	130.62	-.69	117.70	331.20	140.00	303.33	200.62	21.00
6860.500	.34	1.19	137.45	.43	137.02	5.51	117.70	91.34	140.00	1698.21	540.01	21.00
6861.500	.01	.00	128.66	.92	127.74	.01	117.70	62.84	.00	284.21	275.89	1.00
6861.500	.01	.00	127.65	.78	126.87	.01	117.70	57.87	.00	257.19	239.39	1.00
6861.500	.01	.00	128.66	.92	127.74	.01	117.70	62.84	.00	284.21	275.89	1.00
6861.500	.01	-.24	132.09	1.07	131.02	1.04	117.70	60.96	.00	402.73	424.96	1.00
6861.500	.01	.00	127.17	.71	126.46	.01	117.70	55.55	.00	244.36	222.46	1.00
6861.500	.01	.20	131.77	.98	130.79	.86	117.70	56.98	.00	392.34	411.86	1.00
6861.500	.01	.37	133.26	1.01	132.24	1.62	117.70	51.06	.00	490.24	510.92	1.00
6861.500	.00	.05	137.50	.53	136.97	-.04	117.70	21.55	.00	1271.89	1111.76	1.00
6891.500	.19	.00	128.85	.92	127.93	.19	117.90	63.03	.00	283.90	275.47	30.00
6891.500	.17	.00	127.82	.78	127.04	.17	117.90	58.37	.00	256.41	238.35	30.00
6891.500	.19	.00	128.85	.92	127.93	.19	117.90	63.03	.00	283.90	275.47	30.00
6891.500	.18	.00	132.27	1.08	131.20	.18	117.90	61.30	.00	401.75	423.77	30.00
6891.500	.17	.00	127.34	.72	126.62	.16	117.90	56.20	.00	243.36	221.17	30.00
6891.500	.17	.00	131.95	.99	130.96	.17	117.90	57.56	.00	390.80	409.79	30.00
6891.500	.15	.01	133.42	1.03	132.39	.15	117.90	52.07	.00	484.48	505.97	30.00
6891.500	.07	.01	137.58	.55	137.03	.05	117.90	22.65	.00	1239.37	1084.37	30.00
8450.000	7.44	.02	136.30	.75	135.56	7.63	125.30	38.38	.00	344.75	352.99	1558.50
8450.000	7.50	.01	135.33	.70	134.64	7.59	125.30	40.92	.00	300.64	284.67	1558.50
8450.000	7.44	.02	136.30	.75	135.56	7.63	125.30	38.38	.00	344.75	352.99	1558.50
8450.000	6.52	.03	138.82	.80	138.02	6.82	125.30	31.76	.00	590.21	588.80	1558.50
8450.000	7.51	.01	134.86	.67	134.19	7.57	125.30	42.20	.00	273.43	255.23	1558.50
8450.000	6.45	.02	138.42	.79	137.63	6.67	125.30	32.35	.00	550.01	546.65	1558.50
8450.000	6.00	.02	139.45	.81	138.63	6.24	125.30	30.57	.00	638.21	660.34	1558.50
8450.000	4.01	.10	141.69	.90	140.80	3.77	125.30	28.84	.00	936.83	961.07	1558.50

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECNO	ELLC	ELTRD	EGLVC	EGPRS	CLASS	QPR	QWEIR	QLOB	QCH	QROB	Q	CWSEL
.010	.00	.00	.00	.00	.00	.00	.00	.00	2186.08	.92	2187.00	84.53
.010	.00	.00	.00	.00	.00	.00	.00	.00	1804.07	16.92	1821.00	85.90
.010	.00	.00	.00	.00	.00	.00	.00	.00	2148.90	38.10	2187.00	86.67
.010	.00	.00	.00	.00	.00	.00	.00	2.13	3173.54	142.33	3318.00	88.65
.010	.00	.00	.00	.00	.00	.00	.00	.00	1648.64	9.36	1658.00	85.50
.010	.00	.00	.00	.00	.00	.00	.00	.40	2988.45	120.16	3109.00	88.35
.010	.00	.00	.00	.00	.00	.00	.00	9.18	3461.89	179.93	3651.00	89.10
.010	.00	.00	.00	.00	.00	.00	.00	111.53	4652.45	397.01	5161.00	90.95
1700.000	.00	.00	.00	.00	.00	.00	.00	261.75	1683.83	241.41	2187.00	100.58
1700.000	.00	.00	.00	.00	.00	.00	.00	122.55	1570.29	128.16	1821.00	99.00
1700.000	.00	.00	.00	.00	.00	.00	.00	188.38	1814.33	124.29	2187.00	99.55
1700.000	.00	.00	.00	.00	.00	.00	.00	434.47	2489.61	393.92	3318.00	100.95
1700.000	.00	.00	.00	.00	.00	.00	.00	96.76	1655.71	105.54	1658.00	98.75
1700.000	.00	.00	.00	.00	.00	.00	.00	384.37	2372.11	352.51	3109.00	100.71
1700.000	.00	.00	.00	.00	.00	.00	.00	518.94	2670.77	461.29	3651.00	101.30
1700.000	.00	.00	.00	.00	.00	.00	.00	957.42	3432.43	771.15	5161.00	102.66
3141.500	.00	.00	.00	.00	.00	.00	.00	525.51	1660.62	.87	2187.00	112.41
3141.500	.00	.00	.00	.00	.00	.00	.00	462.43	1356.27	2.30	1821.00	112.77
3141.500	.00	.00	.00	.00	.00	.00	.00	606.69	1570.67	9.64	2187.00	113.42
3141.500	.00	.00	.00	.00	.00	.00	.00	1076.12	2176.36	65.52	3318.00	115.04
3141.500	.00	.00	.00	.00	.00	.00	.00	399.37	1257.93	.70	1658.00	112.43
3141.500	.00	.00	.00	.00	.00	.00	.00	987.39	2069.94	51.67	3109.00	114.78
3141.500	.00	.00	.00	.00	.00	.00	.00	1218.50	2342.17	90.33	3651.00	115.43
3141.500	.00	.00	.00	.00	.00	.00	.00	1885.63	3011.19	264.18	5161.00	116.95
3192.500	.00	.00	.00	.00	.00	.00	.00	595.35	1583.99	7.66	2187.00	113.46
3192.500	.00	.00	.00	.00	.00	.00	.00	483.33	1333.11	4.56	1821.00	113.27
3192.500	.00	.00	.00	.00	.00	.00	.00	632.46	1539.28	15.26	2187.00	113.97
3192.500	.00	.00	.00	.00	.00	.00	.00	1117.66	2112.21	88.12	3318.00	115.75
3192.500	.00	.00	.00	.00	.00	.00	.00	418.67	1237.44	1.89	1658.00	112.91
3192.500	.00	.00	.00	.00	.00	.00	.00	1626.06	2012.43	70.51	3109.00	115.46
3192.500	.00	.00	.00	.00	.00	.00	.00	1264.71	2264.18	122.12	3651.00	116.18
3192.500	.00	.00	.00	.00	.00	.00	.00	1946.79	2885.13	329.07	5161.00	117.85
3193.500	124.00	106.23	.00	.00	.00	.00	.00	899.99	1268.80	18.20	2187.00	113.80
3193.500	124.00	106.23	.00	.00	.00	.00	.00	729.52	1681.70	9.78	1821.00	113.49
3193.500	124.00	106.23	.00	.00	.00	.00	.00	929.53	1228.31	29.15	2187.00	114.25
3193.500	124.00	106.23	.00	.00	.00	.00	.00	1552.25	1613.14	152.61	3318.00	116.21
3193.500	124.00	106.23	.00	.00	.00	.00	.00	639.73	1013.93	4.35	1658.00	113.09
3193.500	124.00	106.23	.00	.00	.00	.00	.00	1437.59	1550.76	120.65	3109.00	115.88
3193.500	124.00	106.23	.00	.00	.00	.00	.00	1733.97	1708.19	208.84	3651.00	116.69
3193.500	124.00	106.23	.00	.00	.00	.00	.00	2550.76	2119.24	491.00	5161.00	118.49

SECNO	ELLC	ELTRD	EGLVC	EGPRS	CLASS	QPR	QWEIR	QLOB	QCH	QROB	Q	CMSEL
3206.500	124.00	106.23	.00	.00	.00	.00	.00	920.24	1241.45	25.31	2187.00	114.11
3206.500	124.00	106.23	.00	.00	.00	.00	.00	743.96	1063.51	13.53	1821.00	113.72
3206.500	124.00	106.23	.00	.00	.00	.00	.00	943.21	1208.25	35.54	2187.00	114.48
3206.500	124.00	106.23	.00	.00	.00	.00	.00	1562.86	1585.99	169.15	3318.00	116.43
3206.500	124.00	106.23	.00	.00	.00	.00	.00	654.74	996.37	6.89	1658.00	113.33
3206.500	124.00	106.23	.00	.00	.00	.00	.00	1448.65	1526.07	134.28	3109.00	116.10
3206.500	124.00	106.23	.00	.00	.00	.00	.00	1744.21	1680.26	226.54	3651.00	116.90
3206.500	124.00	106.23	.00	.00	.00	.00	.00	2559.04	2091.68	510.27	5161.00	113.69
3207.500	.00	.00	.00	.00	.00	.00	.00	637.09	1533.46	16.45	2187.00	114.04
3207.500	.00	.00	.00	.00	.00	.00	.00	508.93	1303.31	8.75	1821.00	113.67
3207.500	.00	.00	.00	.00	.00	.00	.00	661.80	1501.43	23.78	2187.00	114.42
3207.500	.00	.00	.00	.00	.00	.00	.00	1159.56	2038.48	119.96	3318.00	116.32
3207.500	.00	.00	.00	.00	.00	.00	.00	441.62	1212.02	4.36	1658.00	113.29
3207.500	.00	.00	.00	.00	.00	.00	.00	1064.90	1950.40	93.70	3109.00	116.01
3207.500	.00	.00	.00	.00	.00	.00	.00	1310.71	2176.39	163.90	3651.00	116.79
3207.500	.00	.00	.00	.00	.00	.00	.00	1999.45	2772.43	389.12	5161.00	118.55
3219.500	.00	.00	.00	.00	.00	.00	.00	624.09	1549.66	13.26	2187.00	114.10
3219.500	.00	.00	.00	.00	.00	.00	.00	496.62	1317.85	6.52	1821.00	113.72
3219.500	.00	.00	.00	.00	.00	.00	.00	648.91	1518.35	19.74	2187.00	114.47
3219.500	.00	.00	.00	.00	.00	.00	.00	1145.24	2065.34	107.42	3318.00	116.37
3219.500	.00	.00	.00	.00	.00	.00	.00	429.64	1225.44	2.91	1658.00	113.34
3219.500	.00	.00	.00	.00	.00	.00	.00	1051.28	1972.71	85.01	3109.00	116.06
3219.500	.00	.00	.00	.00	.00	.00	.00	1296.45	2204.18	150.36	3651.00	116.84
3219.500	.00	.00	.00	.00	.00	.00	.00	1985.51	2802.81	372.68	5161.00	118.61
4180.000	.00	.00	.00	.00	.00	.00	.00	69.67	2051.32	66.01	2187.00	116.10
4180.000	.00	.00	.00	.00	.00	.00	.00	44.90	1732.41	43.69	1821.00	115.48
4180.000	.00	.00	.00	.00	.00	.00	.00	73.83	2043.29	69.88	2187.00	116.27
4180.000	.00	.00	.00	.00	.00	.00	.00	189.98	2940.52	187.50	3318.00	118.28
4180.000	.00	.00	.00	.00	.00	.00	.00	33.47	1590.96	33.57	1658.00	115.09
4180.000	.00	.00	.00	.00	.00	.00	.00	165.64	2780.62	162.74	3109.00	117.94
4180.000	.00	.00	.00	.00	.00	.00	.00	238.63	3192.01	228.37	3651.00	118.77
4180.000	.00	.00	.00	.00	.00	.00	.00	442.19	4284.77	434.04	5161.00	120.69
4428.300	.00	.00	.00	.00	.00	.00	.00	601.00	1266.52	319.48	2187.00	116.82
4428.300	.00	.00	.00	.00	.00	.00	.00	417.72	1184.27	219.00	1821.00	116.32
4428.300	.00	.00	.00	.00	.00	.00	.00	616.31	1242.36	328.32	2187.00	116.92
4428.300	.00	.00	.00	.00	.00	.00	.00	1215.17	1435.64	667.19	3318.00	118.67
4428.300	.00	.00	.00	.00	.00	.00	.00	328.31	1159.30	170.39	1658.00	116.05
4428.300	.00	.00	.00	.00	.00	.00	.00	1106.97	1396.92	605.10	3109.00	118.36
4428.300	.00	.00	.00	.00	.00	.00	.00	1385.93	1497.77	767.30	3651.00	119.14
4428.300	.00	.00	.00	.00	.00	.00	.00	2139.59	1798.35	1223.06	5161.00	120.99

SECHO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QWEIR	QLOB	QCH	QROB	Q	CMSEL
* 4506.500	.00	.00	.00	.00	.00	.00	.00	503.28	1419.79	263.92	2187.00	117.52
* 4506.500	.00	.00	.00	.00	.00	.00	.00	367.39	1262.70	190.91	1821.00	117.27
* 4506.500	.00	.00	.00	.00	.00	.00	.00	501.64	1422.36	263.00	2187.00	117.51
4506.500	.00	.00	.00	.00	.00	.00	.00	1100.56	1621.47	595.96	3318.00	118.95
* 4506.500	.00	.00	.00	.00	.00	.00	.00	312.15	1184.39	161.46	1658.00	117.16
4506.500	.00	.00	.00	.00	.00	.00	.00	988.11	1588.40	532.49	3109.00	118.67
4506.500	.00	.00	.00	.00	.00	.00	.00	1276.88	1677.94	696.18	3651.00	119.37
4506.500	.00	.00	.00	.00	.00	.00	.00	2054.56	1952.15	1154.29	5161.00	121.14
4507.500	132.00	112.37	.00	.00	.00	.00	.00	1001.07	667.15	518.78	2187.00	118.17
* 4507.500	132.00	112.37	.00	.00	.00	.00	.00	822.84	576.69	421.46	1821.00	117.88
* 4507.500	132.00	112.37	.00	.00	.00	.00	.00	1001.51	666.26	519.23	2187.00	118.18
4507.500	132.00	112.37	.00	.00	.00	.00	.00	1560.81	924.43	832.76	3318.00	119.18
4507.500	132.00	112.37	.00	.00	.00	.00	.00	741.62	539.79	376.58	1658.00	117.71
4507.500	132.00	112.37	.00	.00	.00	.00	.00	1455.38	881.65	771.97	3109.00	118.94
4507.500	132.00	112.37	.00	.00	.00	.00	.00	1728.13	993.35	929.52	3651.00	119.56
4507.500	132.00	112.37	.00	.00	.00	.00	.00	2484.44	1292.22	1384.33	5161.00	121.24
4508.500	132.00	112.37	.00	.00	.00	.00	.00	1001.63	666.01	519.35	2187.00	118.19
4508.500	132.00	112.37	.00	.00	.00	.00	.00	823.11	576.17	421.72	1821.00	117.90
4508.500	132.00	112.37	.00	.00	.00	.00	.00	1001.89	665.51	519.61	2187.00	118.20
4508.500	132.00	112.37	.00	.00	.00	.00	.00	1560.86	924.31	832.83	3318.00	119.19
4508.500	132.00	112.37	.00	.00	.00	.00	.00	742.62	537.87	377.51	1658.00	117.74
4508.500	132.00	112.37	.00	.00	.00	.00	.00	1455.70	880.96	772.34	3109.00	118.96
4508.500	132.00	112.37	.00	.00	.00	.00	.00	1728.24	993.10	929.66	3651.00	119.57
4508.500	132.00	112.37	.00	.00	.00	.00	.00	2484.50	1292.03	1384.47	5161.00	121.25
4509.500	.00	.00	.00	.00	.00	.00	.00	624.97	1228.69	333.34	2187.00	118.15
4509.500	.00	.00	.00	.00	.00	.00	.00	479.61	1087.33	254.07	1821.00	117.87
4509.500	.00	.00	.00	.00	.00	.00	.00	625.59	1227.71	333.70	2187.00	118.16
4509.500	.00	.00	.00	.00	.00	.00	.00	1130.12	1573.90	613.98	3318.00	119.15
4509.500	.00	.00	.00	.00	.00	.00	.00	414.31	1025.10	218.59	1658.00	117.72
4509.500	.00	.00	.00	.00	.00	.00	.00	1026.02	1527.73	555.26	3109.00	118.91
4509.500	.00	.00	.00	.00	.00	.00	.00	1297.91	1643.78	709.31	3651.00	119.53
4509.500	.00	.00	.00	.00	.00	.00	.00	2062.17	1938.71	1160.12	5161.00	121.22
4528.300	.00	.00	.00	.00	.00	.00	.00	644.54	1197.72	344.74	2187.00	118.32
4528.300	.00	.00	.00	.00	.00	.00	.00	497.41	1059.30	264.29	1821.00	118.03
4528.300	.00	.00	.00	.00	.00	.00	.00	644.94	1197.08	344.97	2187.00	118.33
4528.300	.00	.00	.00	.00	.00	.00	.00	1145.21	1549.54	623.26	3318.00	119.29
4528.300	.00	.00	.00	.00	.00	.00	.00	432.00	997.34	228.65	1658.00	117.87
4528.300	.00	.00	.00	.00	.00	.00	.00	1044.09	1498.67	566.23	3109.00	119.97
4528.300	.00	.00	.00	.00	.00	.00	.00	1309.23	1625.34	716.43	3651.00	119.65
4528.300	.00	.00	.00	.00	.00	.00	.00	2065.53	1932.75	1162.71	5161.00	121.29

SECCNO	ELLC	ELTRD	EGLWC	EGRPS	CLASS	QPR	QMEIR	QLOB	QCH	QROB	Q	CASEL
6180.000	.00	.00	.00	.00	.00	.00	.00	406.21	1299.11	481.67	2187.00	124.07
6180.000	.00	.00	.00	.00	.00	.00	.00	312.74	1142.33	365.93	1821.00	123.53
6180.000	.00	.00	.00	.00	.00	.00	.00	406.17	1299.23	481.61	2187.00	124.07
6180.000	.00	.00	.00	.00	.00	.00	.00	272.10	1751.66	859.23	318.00	123.42
6180.000	.00	.00	.00	.00	.00	.00	.00	707.17	1069.11	316.72	1658.00	123.26
6180.000	.00	.00	.00	.00	.00	.00	.00	650.77	1669.81	788.43	3109.00	125.21
6180.000	.00	.00	.00	.00	.00	.00	.00	798.70	1879.79	972.52	3651.00	125.73
6180.000	.00	.00	.00	.00	.00	.00	.00	1228.38	2429.89	1502.73	5161.00	126.93
6715.500	.00	.00	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	126.40
6715.500	.00	.00	.00	.00	.00	.00	.00	.00	1821.00	.00	1821.00	126.69
6715.500	.00	.00	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	126.40
6715.500	.00	.00	.00	.00	.00	.00	.00	.00	3318.00	.00	3318.00	127.45
6715.500	.00	.00	.00	.00	.00	.00	.00	.00	1658.00	.00	1658.00	125.34
6715.500	.00	.00	.00	.00	.00	.00	.00	.00	3109.00	.00	3109.00	128.06
6715.500	.00	.00	.00	.00	.00	.00	.00	.00	3651.00	.00	3651.00	127.93
6715.500	.00	.00	.00	.00	.00	.00	.00	.00	5161.00	.00	5161.00	129.33
6838.500	.00	.00	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	127.54
6838.500	.00	.00	.00	.00	.00	.00	.00	.00	1821.00	.00	1821.00	126.69
6838.500	.00	.00	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	127.54
6838.500	.00	.00	.00	.00	.00	.00	.00	.00	3318.00	.00	3318.00	129.63
6838.500	.00	.00	.00	.00	.00	.00	.00	.00	1658.00	.00	1658.00	126.28
6838.500	.00	.00	.00	.00	.00	.00	.00	.00	3109.00	.00	3109.00	129.63
6838.500	.00	.00	.00	.00	.00	.00	.00	.00	3651.00	.00	3651.00	130.30
6838.500	.00	.00	.00	.00	.00	.00	.00	.00	5020.38	21.28	5161.00	132.80
6839.500	140.00	130.48	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	127.55
6839.500	140.00	130.48	.00	.00	.00	.00	.00	.00	1821.00	.00	1821.00	126.69
6839.500	140.00	130.48	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	127.55
6839.500	140.00	130.48	.00	.00	.00	.00	.00	.00	3318.00	.00	3318.00	129.42
6839.500	140.00	130.48	.00	.00	.00	.00	.00	.00	1658.00	.00	1658.00	126.29
6839.500	140.00	130.48	.00	.00	.00	.00	.00	.00	3109.00	.00	3109.00	129.44
6839.500	140.00	130.48	.00	.00	.00	.00	.00	.00	3651.00	.00	3651.00	129.93
6839.500	140.00	130.48	.00	.00	.00	.00	.00	.00	5126.67	.46	5161.00	131.51
6860.500	140.00	130.43	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	127.73
6860.500	140.00	130.48	.00	.00	.00	.00	.00	.00	1821.00	.00	1821.00	126.85
6860.500	140.00	130.48	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	127.73
6860.500	140.00	130.48	.00	.00	.00	.00	.00	.00	3318.00	.00	3318.00	129.98
6860.500	140.00	130.48	.00	.00	.00	.00	.00	.00	1658.00	.00	1658.00	126.45
6860.500	140.00	130.48	.00	.00	.00	.00	.00	.00	3109.00	.00	3109.00	129.93
6860.500	140.00	130.48	.00	.00	.00	.00	.00	.00	3650.87	.00	3651.00	130.62
6860.500	140.00	130.48	.00	.00	.00	.00	.00	1682.36	2750.70	727.94	5161.00	137.02

SECHO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QNEIR	QLOB	QCH	QR08	Q	CASEL
6861.500	.00	.00	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	127.74
6861.500	.00	.00	.00	.00	.00	.00	.00	.00	1821.00	.00	1821.00	126.87
6861.500	.00	.00	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	127.74
6861.500	.00	.00	.00	.00	.00	.00	.00	1.81	3316.58	.00	3318.00	131.02
6861.500	.00	.00	.00	.00	.00	.00	.00	.00	1658.00	.00	1658.00	126.46
6861.500	.00	.00	.00	.00	.00	.00	.00	.42	3108.58	.00	3109.00	130.79
6861.500	.00	.00	.00	.00	.00	.00	.00	42.89	3603.18	4.93	3651.00	132.24
6861.500	.00	.00	.00	.00	.00	.00	.00	803.87	4010.65	346.48	5161.00	136.97
6891.500	.00	.00	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	127.93
6891.500	.00	.00	.00	.00	.00	.00	.00	.00	1821.00	.00	1821.00	127.04
6891.500	.00	.00	.00	.00	.00	.00	.00	.00	2187.00	.00	2187.00	127.93
6891.500	.00	.00	.00	.00	.00	.00	.00	1.64	3316.36	.00	3318.00	131.20
6891.500	.00	.00	.00	.00	.00	.00	.00	.00	1658.00	.00	1658.00	126.62
6891.500	.00	.00	.00	.00	.00	.00	.00	.31	3108.69	.00	3109.00	130.96
6891.500	.00	.00	.00	.00	.00	.00	.00	38.87	3607.99	4.14	3651.00	132.39
6891.500	.00	.00	.00	.00	.00	.00	.00	777.24	4053.48	330.28	5161.00	137.03
8450.000	.00	.00	.00	.00	.00	.00	.00	61.71	2089.45	35.84	2187.00	135.56
8450.000	.00	.00	.00	.00	.00	.00	.00	26.36	1778.00	16.63	1821.00	134.64
8450.000	.00	.00	.00	.00	.00	.00	.00	61.71	2089.45	35.84	2187.00	135.56
8450.000	.00	.00	.00	.00	.00	.00	.00	250.59	2910.54	156.97	3318.00	138.02
8450.000	.00	.00	.00	.00	.00	.00	.00	16.39	1631.27	10.34	1658.00	134.19
8450.000	.00	.00	.00	.00	.00	.00	.00	212.16	2766.97	129.87	3109.00	137.63
8450.000	.00	.00	.00	.00	.00	.00	.00	316.32	3128.45	206.23	3651.00	138.63
8450.000	.00	.00	.00	.00	.00	.00	.00	628.60	4051.79	480.61	5161.00	140.80

2500.00

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECHO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
.010	.00	75.80	84.53	.00	5343.66	5335.00	5407.00	5415.02	71.36	108.00	88.00	84.00
.010	.00	75.80	85.90	.00	5340.24	5335.00	5407.00	5428.03	87.79	108.00	88.00	84.00
.010	.00	75.80	86.67	.00	5338.34	5335.00	5407.00	5433.10	94.76	108.00	88.00	84.00
.010	.00	75.80	88.65	.00	5312.28	5335.00	5407.00	5450.11	137.83	108.00	88.00	84.00
.010	.00	75.80	85.50	.00	5341.24	5335.00	5407.00	5425.36	84.12	108.00	88.00	84.00
.010	.00	75.80	88.35	.00	5322.90	5335.00	5407.00	5446.32	123.42	108.00	88.00	84.00
.010	.00	75.80	89.10	.00	5298.49	5335.00	5407.00	5455.76	157.27	108.00	88.00	84.00
.010	.00	75.80	90.95	.00	5270.77	5335.00	5407.00	5481.23	210.45	108.00	88.00	84.00
1700.000	3200.00	92.60	100.58	.00	5139.19	5193.00	5227.00	5264.92	125.74	124.00	98.20	97.00
1700.000	3200.00	92.60	99.00	.00	5159.02	5193.00	5227.00	5255.74	96.72	124.00	98.20	97.00
1700.000	3200.00	92.60	99.55	.00	5154.06	5193.00	5227.00	5259.18	105.12	124.00	98.20	97.00
1700.000	3200.00	92.60	100.95	.00	5132.63	5193.00	5227.00	5266.70	134.07	124.00	98.20	97.00
1700.000	3200.00	92.60	98.75	.00	5161.26	5193.00	5227.00	5254.18	92.91	124.00	98.20	97.00
1700.000	3200.00	92.60	100.71	.00	5136.90	5193.00	5227.00	5265.54	128.65	124.00	98.20	97.00
1700.000	3200.00	92.60	101.30	.00	5126.03	5193.00	5227.00	5268.48	142.45	124.00	98.20	97.00
1700.000	3200.00	92.60	102.66	.00	5107.08	5193.00	5227.00	5275.29	168.22	124.00	98.20	97.00
3141.500	1441.50	101.56	112.41	.00	4967.01	5001.50	5020.00	5023.74	56.73	123.81	106.04	111.81
3141.500	1441.50	101.56	112.77	.00	4965.24	5001.50	5020.00	5025.94	60.70	123.81	106.04	111.81
3141.500	1441.50	101.56	113.42	.00	4961.94	5001.50	5020.00	5030.07	68.13	123.81	106.04	111.81
3141.500	1441.50	101.56	115.04	.00	4953.88	5001.50	5020.00	5040.15	86.27	123.81	106.04	111.81
3141.500	1441.50	101.56	112.43	.00	4966.94	5001.50	5020.00	5023.83	56.90	123.81	106.04	111.81
3141.500	1441.50	101.56	114.78	.00	4955.19	5001.50	5020.00	5038.51	83.31	123.81	106.04	111.81
3141.500	1441.50	101.56	115.43	.00	4951.93	5001.50	5020.00	5042.59	90.66	123.81	106.04	111.81
3141.500	1441.50	101.56	116.95	.00	4947.15	5001.50	5020.00	5047.56	100.41	123.81	106.04	111.81
3192.500	51.00	101.75	113.46	.00	4962.70	5001.50	5020.00	5029.12	66.42	124.00	106.23	112.00
3192.500	51.00	101.75	113.27	.00	4963.68	5001.50	5020.00	5027.91	64.23	124.00	106.23	112.00
3192.500	51.00	101.75	113.97	.00	4960.13	5001.50	5020.00	5032.34	72.22	124.00	106.23	112.00
3192.500	51.00	101.75	115.75	.00	4951.25	5001.50	5020.00	5043.44	92.18	124.00	106.23	112.00
3192.500	51.00	101.75	112.91	.00	4965.43	5001.50	5020.00	5025.71	60.27	124.00	106.23	112.00
3192.500	51.00	101.75	115.46	.00	4952.71	5001.50	5020.00	5041.61	88.89	124.00	106.23	112.00
3192.500	51.00	101.75	116.18	.00	4949.55	5001.50	5020.00	5045.41	95.86	124.00	106.23	112.00
3192.500	51.00	101.75	117.85	.00	4945.36	5001.50	5020.00	5049.17	103.81	124.00	106.23	112.00
3193.500	1.00	101.75	113.80	124.00	4960.95	5001.50	5020.00	5031.32	70.37	124.00	106.23	112.00
3193.500	1.00	101.75	113.49	124.00	4952.56	5001.50	5020.00	5029.30	66.74	124.00	106.23	112.00
3193.500	1.00	101.75	114.25	124.00	4958.73	5001.50	5020.00	5034.09	75.36	124.00	106.23	112.00
3193.500	1.00	101.75	116.21	124.00	4949.46	5001.50	5020.00	5045.49	96.03	124.00	106.23	112.00
3193.500	1.00	101.75	113.09	124.00	4964.54	5001.50	5020.00	5026.82	62.28	124.00	106.23	112.00
3193.500	1.00	101.75	115.88	124.00	4950.53	5001.50	5020.00	5044.33	93.80	124.00	106.23	112.00
3193.500	1.00	101.75	116.69	124.00	4948.27	5001.50	5020.00	5046.56	98.29	124.00	106.23	112.00
3193.500	1.00	101.75	118.49	124.00	4943.76	5001.50	5020.00	5050.61	106.85	124.00	106.23	112.00

SECKO	XLCH	ELM'N	CUSEL	ELLC	SS7A	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
3206.500	13.00	101.75	114.11	124.00	4959.46	5001.50	5020.00	5033.18	73.72	124.00	106.23	112.00
3206.500	13.00	101.75	113.72	124.00	4961.40	5001.50	5020.00	5030.75	69.35	124.00	106.23	112.00
3206.500	13.00	101.75	114.48	124.00	4957.60	5001.50	5020.00	5035.50	77.90	124.00	106.23	112.00
3206.500	13.00	101.75	116.43	124.00	4948.93	5001.50	5020.00	5045.96	97.02	124.00	106.23	112.00
3206.500	13.00	101.75	113.33	124.00	4963.35	5001.50	5020.00	5028.31	64.96	124.00	106.23	112.00
3206.500	13.00	101.75	116.10	124.00	4949.75	5001.50	5020.00	5045.23	95.43	124.00	106.23	112.00
3206.500	13.00	101.75	116.90	124.00	4947.74	5001.50	5020.00	5047.03	99.29	124.00	106.23	112.00
3206.500	13.00	101.75	118.69	124.00	4943.27	5001.50	5020.00	5051.06	107.80	124.00	106.23	112.00
3207.500	1.00	101.75	114.04	.00	4959.79	5001.50	5020.00	5032.77	72.98	124.00	106.23	112.00
3207.500	1.00	101.75	113.67	.00	4961.63	5001.50	5020.00	5030.46	68.83	124.00	106.23	112.00
3207.500	1.00	101.75	114.42	.00	4957.91	5001.50	5020.00	5035.12	77.21	124.00	106.23	112.00
3207.500	1.00	101.75	116.32	.00	4949.19	5001.50	5020.00	5045.73	96.54	124.00	106.23	112.00
3207.500	1.00	101.75	113.29	.00	4963.54	5001.50	5020.00	5028.07	64.53	124.00	106.23	112.00
3207.500	1.00	101.75	116.01	.00	4949.99	5001.50	5020.00	5045.01	95.03	124.00	106.23	112.00
3207.500	1.00	101.75	116.79	.00	4948.01	5001.50	5020.00	5046.79	98.77	124.00	106.23	112.00
3207.500	1.00	101.75	118.55	.00	4943.61	5001.50	5020.00	5050.75	107.14	124.00	106.23	112.00
3219.500	12.00	102.00	114.10	.00	4960.73	5001.50	5020.00	5031.59	70.86	124.25	106.48	112.25
3219.500	12.00	102.00	113.72	.00	4932.63	5001.50	5020.00	5029.21	66.58	124.25	106.48	112.25
3219.500	12.00	102.00	114.47	.00	4958.90	5001.50	5020.00	5033.87	74.97	124.25	106.48	112.25
3219.500	12.00	102.00	116.37	.00	4949.69	5001.50	5020.00	5045.28	95.59	124.25	106.48	112.25
3219.500	12.00	102.00	113.34	.00	4964.55	5001.50	5020.00	5026.82	62.27	124.25	106.48	112.25
3219.500	12.00	102.00	116.06	.00	4950.97	5001.50	5020.00	5043.79	92.83	124.25	106.48	112.25
3219.500	12.00	102.00	116.84	.00	4948.51	5001.50	5020.00	5046.34	97.82	124.25	106.48	112.25
3219.500	12.00	102.00	118.61	.00	4944.10	5001.50	5020.00	5050.31	106.20	124.25	106.48	112.25
4180.000	960.50	106.50	116.10	.00	5185.93	5225.00	5317.00	5354.14	168.21	132.00	112.00	112.00
4180.000	960.50	106.50	115.48	.00	5190.38	5225.00	5317.00	5348.53	158.14	132.00	112.00	112.00
4180.000	960.50	106.50	116.27	.00	5184.33	5225.00	5317.00	5357.33	175.00	132.00	112.00	112.00
4180.000	960.50	106.50	118.28	.00	5164.08	5225.00	5317.00	5378.39	214.30	132.00	112.00	112.00
4180.000	960.50	106.50	115.09	.00	5192.92	5225.00	5317.00	5345.93	153.02	132.00	112.00	112.00
4180.000	960.50	106.50	117.94	.00	5167.55	5225.00	5317.00	5376.72	209.17	132.00	112.00	112.00
4180.000	960.50	106.50	118.77	.00	5158.89	5225.00	5317.00	5380.86	221.97	132.00	112.00	112.00
4180.000	960.50	106.50	120.69	.00	5142.05	5225.00	5317.00	5390.44	248.39	132.00	112.00	112.00
4428.300	248.30	110.22	116.82	.00	4838.45	4990.60	5024.80	5111.85	273.41	130.81	114.69	114.70
4428.300	248.30	110.22	116.32	.00	4841.81	4990.60	5024.80	5108.62	266.81	130.81	114.69	114.70
4428.300	248.30	110.22	116.92	.00	4837.82	4990.60	5024.80	5112.45	274.63	130.81	114.69	114.70
4428.300	248.30	110.22	118.67	.00	4823.99	4990.60	5024.80	5123.84	297.85	130.81	114.69	114.70
4428.300	248.30	110.22	116.05	.00	4843.63	4990.60	5024.80	5106.86	263.22	130.81	114.69	114.70
4428.300	248.30	110.22	118.36	.00	4828.07	4990.60	5024.80	5121.84	293.77	130.81	114.69	114.70
4428.300	248.30	110.22	119.14	.00	4823.89	4990.60	5024.80	5127.19	303.50	130.81	114.69	114.70
4428.300	248.30	110.22	120.99	.00	4817.36	4990.60	5024.80	5141.16	323.80	130.81	114.69	114.70

SECHO	XLCH	ELMIN	CUSEL	ELLC	SSTA	STCHL	STCHR	EMDST	TOPWID	TELKX	XLBEL	RBEL
* 4506.500	78.20	111.41	117.52	.00	4841.76	4990.60	5024.80	5108.66	266.90	132.00	115.88	115.89
* 4506.500	78.20	111.41	117.27	.00	4843.43	4990.60	5024.80	5107.05	263.62	132.00	115.88	115.89
* 4506.500	78.20	111.41	117.51	.00	4841.81	4990.60	5024.80	5108.62	266.81	132.00	115.88	115.89
* 4506.500	78.20	111.41	118.95	.00	4832.11	4990.60	5024.80	5117.95	285.84	132.00	115.88	115.89
* 4506.500	78.20	111.41	117.16	.00	4844.14	4990.60	5024.80	5106.36	262.22	132.00	115.88	115.89
* 4506.500	78.20	111.41	118.67	.00	4833.98	4990.60	5024.80	5116.16	282.18	132.00	115.88	115.89
* 4506.500	78.20	111.41	119.37	.00	4829.23	4990.60	5024.80	5120.72	291.49	132.00	115.88	115.89
* 4506.500	78.20	111.41	121.14	.00	4821.00	4990.60	5024.80	5133.38	312.38	132.00	115.88	115.89
* 4507.500	1.00	111.41	118.17	132.00	4837.34	4990.60	5024.80	5112.92	275.58	132.00	115.88	115.89
* 4507.500	1.00	111.41	117.88	132.00	4839.26	4990.60	5024.80	5111.07	271.81	132.00	115.88	115.89
* 4507.500	1.00	111.41	118.18	132.00	4837.26	4990.60	5024.80	5112.99	275.73	132.00	115.88	115.89
* 4507.500	1.00	111.41	119.18	132.00	4830.48	4990.60	5024.80	5119.52	289.03	132.00	115.88	115.89
* 4507.500	1.00	111.41	117.71	132.00	4840.45	4990.60	5024.80	5109.92	269.47	132.00	115.88	115.89
* 4507.500	1.00	111.41	118.94	132.00	4832.14	4990.60	5024.80	5117.92	285.78	132.00	115.88	115.89
* 4507.500	1.00	111.41	119.56	132.00	4827.95	4990.60	5024.80	5121.96	294.02	132.00	115.88	115.89
* 4507.500	1.00	111.41	121.24	132.00	4820.64	4990.60	5024.80	5134.14	313.49	132.00	115.88	115.89
* 4508.500	1.00	111.41	118.19	132.00	4837.24	4990.60	5024.80	5113.01	275.77	132.00	115.88	115.89
* 4508.500	1.00	111.41	117.90	132.00	4839.22	4990.60	5024.80	5111.11	271.89	132.00	115.88	115.89
* 4508.500	1.00	111.41	118.20	132.00	4837.20	4990.60	5024.80	5113.06	275.86	132.00	115.88	115.89
* 4508.500	1.00	111.41	119.19	132.00	4830.47	4990.60	5024.80	5119.53	289.06	132.00	115.88	115.89
* 4508.500	1.00	111.41	117.74	132.00	4840.31	4990.60	5024.80	5110.06	269.75	132.00	115.88	115.89
* 4508.500	1.00	111.41	118.96	132.00	4832.07	4990.60	5024.80	5117.99	285.92	132.00	115.88	115.89
* 4508.500	1.00	111.41	119.57	132.00	4827.92	4990.60	5024.80	5121.99	294.28	132.00	115.88	115.89
* 4508.500	1.00	111.41	121.25	132.00	4820.63	4990.60	5024.80	5134.17	313.54	132.00	115.88	115.89
* 4509.500	1.00	111.41	118.15	.00	4837.46	4990.60	5024.80	5112.81	275.35	132.00	115.88	115.89
* 4509.500	1.00	111.41	117.87	.00	4839.39	4990.60	5024.80	5110.94	271.55	132.00	115.88	115.89
* 4509.500	1.00	111.41	118.16	.00	4837.43	4990.60	5024.80	5112.83	275.40	132.00	115.88	115.89
* 4509.500	1.00	111.41	119.15	.00	4830.76	4990.60	5024.80	5119.25	288.49	132.00	115.88	115.89
* 4509.500	1.00	111.41	117.72	.00	4940.42	4990.60	5024.80	5109.96	269.54	132.00	115.88	115.89
* 4509.500	1.00	111.41	118.91	.00	4832.35	4990.60	5024.80	5117.72	285.37	132.00	115.88	115.89
* 4509.500	1.00	111.41	119.53	.00	4828.18	4990.60	5024.80	5121.74	293.56	132.00	115.88	115.89
* 4509.500	1.00	111.41	121.22	.00	4820.72	4990.60	5024.80	5133.97	313.25	132.00	115.88	115.89
* 4528.300	18.80	111.45	118.32	.00	4836.58	4990.60	5024.80	5113.65	277.07	132.04	115.92	115.93
* 4528.300	18.80	111.45	118.03	.00	4838.59	4990.60	5024.80	5111.72	273.13	132.04	115.92	115.93
* 4528.300	18.80	111.45	118.33	.00	4836.56	4990.60	5024.80	5113.67	277.10	132.04	115.92	115.93
* 4528.300	18.80	111.45	119.29	.00	4830.02	4990.60	5024.80	5119.96	289.94	132.04	115.92	115.93
* 4528.300	18.80	111.45	117.87	.00	4839.61	4990.60	5024.80	5110.73	271.11	132.04	115.92	115.93
* 4528.300	18.80	111.45	119.07	.00	4831.50	4990.60	5024.80	5118.54	287.04	132.04	115.92	115.93
* 4528.300	18.80	111.45	119.65	.00	4827.58	4990.60	5024.80	5122.32	294.74	132.04	115.92	115.93
* 4528.300	18.80	111.45	121.29	.00	4820.60	4990.60	5024.80	5134.24	313.64	132.04	115.92	115.93

SECNO	XLCH	ELMIN	CHSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
6180.000	2000.00	113.20	124.07	.00	5160.58	5232.00	5252.00	5354.60	194.02	134.10	118.70	118.90
6180.000	2000.00	113.20	123.53	.00	5164.96	5232.00	5262.00	5349.19	184.23	134.10	118.70	118.90
6180.000	2000.00	113.20	124.07	.00	5160.58	5232.00	5262.00	5354.59	194.01	134.10	118.70	118.90
6180.000	2000.00	113.20	125.42	.00	5149.78	5232.00	5262.00	5367.54	217.76	134.10	118.70	118.90
6180.000	2000.00	113.20	123.26	.00	5167.08	5232.00	5262.00	5346.17	179.09	134.10	118.70	118.90
6180.000	2000.00	113.20	125.21	.00	5151.52	5232.00	5262.00	5365.51	213.99	134.10	118.70	118.90
6180.000	2000.00	113.20	125.73	.00	5146.47	5232.00	5262.00	5370.54	224.07	134.10	118.70	118.90
6180.000	2000.00	113.20	126.93	.00	5133.59	5232.00	5262.00	5382.20	248.61	134.10	118.70	118.90
6715.500	535.50	117.26	126.40	.00	5003.49	4999.99	5035.72	5034.51	31.02	139.56	130.04	130.80
6715.500	535.50	117.26	125.69	.00	5003.49	4999.99	5035.72	5034.51	31.01	139.56	130.04	130.80
6715.500	535.50	117.26	126.40	.00	5003.49	4999.99	5035.72	5034.51	31.02	139.56	130.04	130.80
6715.500	535.50	117.26	127.45	.00	5003.49	4999.99	5035.72	5034.51	31.02	139.56	130.04	130.80
6715.500	535.50	117.26	125.34	.00	5003.49	4999.99	5035.72	5034.51	31.01	139.56	130.04	130.80
6715.500	535.50	117.26	128.06	.00	5000.00	4999.99	5035.72	5034.51	34.51	139.56	130.04	130.80
6715.500	535.50	117.26	127.93	.00	5000.00	4999.99	5035.72	5034.51	34.51	139.56	130.04	130.80
6715.500	535.50	117.26	129.38	.00	4999.99	4999.99	5035.72	5035.71	35.72	139.56	130.04	130.80
6838.500	123.00	117.70	127.54	.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6838.500	123.00	117.70	126.69	.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6838.500	123.00	117.70	127.54	.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6838.500	123.00	117.70	129.63	.00	4999.99	4999.99	5035.72	5035.71	35.72	140.00	130.48	131.24
6838.500	123.00	117.70	126.28	.00	5003.49	4999.99	5035.72	5034.51	31.01	140.00	130.48	131.24
6838.500	123.00	117.70	129.63	.00	4999.99	4999.99	5035.72	5035.71	35.72	140.00	130.48	131.24
6838.500	123.00	117.70	130.30	.00	4999.99	4999.99	5035.72	5035.72	35.73	140.00	130.48	131.24
6838.500	123.00	117.70	132.80	.00	4946.03	4999.99	5035.72	5056.68	110.65	140.00	130.48	131.24
6839.500	1.00	117.70	127.55	140.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6839.500	1.00	117.70	126.69	140.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6839.500	1.00	117.70	127.55	140.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6839.500	1.00	117.70	129.42	140.00	4999.99	4999.99	5035.72	5035.71	35.72	140.00	130.48	131.24
6839.500	1.00	117.70	126.29	140.00	5003.49	4999.99	5035.72	5034.51	31.01	140.00	130.48	131.24
6839.500	1.00	117.70	129.44	140.00	4999.99	4999.99	5035.72	5035.71	35.72	140.00	130.48	131.24
6839.500	1.00	117.70	129.93	140.00	4999.99	4999.99	5035.72	5035.72	35.72	140.00	130.48	131.24
6839.500	1.00	117.70	131.51	140.00	4972.99	4999.99	5035.72	5039.22	66.23	140.00	130.48	131.24
6860.500	21.00	117.70	127.73	140.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6860.500	21.00	117.70	126.86	140.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6860.500	21.00	117.70	127.73	140.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6860.500	21.00	117.70	129.98	140.00	4999.99	4999.99	5035.72	5035.72	35.72	140.00	130.48	131.24
6860.500	21.00	117.70	126.45	140.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6860.500	21.00	117.70	129.93	140.00	4999.99	4999.99	5035.72	5035.72	35.72	140.00	130.48	131.24
6860.500	21.00	117.70	130.62	140.00	4996.17	4999.99	5035.72	5035.72	39.55	140.00	130.48	131.24
6860.500	21.00	117.70	137.02	140.00	4883.66	4999.99	5035.72	5107.04	223.37	140.00	130.48	131.24

SECNO	XLCH	ELMIN	CLSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPMID	TELJK	XLBEL	KBEL
6861.500	1.00	117.70	127.74	.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6861.500	1.00	117.70	126.87	.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6861.500	1.00	117.70	127.74	.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6861.500	1.00	117.70	131.02	.00	4985.92	4999.99	5035.72	5035.72	49.80	140.00	130.48	131.24
6861.500	1.00	117.70	126.46	.00	5003.49	4999.99	5035.72	5034.51	31.02	140.00	130.48	131.24
6861.500	1.00	117.70	130.79	.00	4991.75	4999.99	5035.72	5035.72	43.96	140.00	130.48	131.24
6861.500	1.00	117.70	132.24	.00	4955.72	4999.99	5035.72	5049.06	93.34	140.00	130.48	131.24
6861.500	1.00	117.70	136.97	.00	4883.92	4999.99	5035.72	5106.78	222.85	140.00	130.48	131.24
6891.500	30.00	117.90	127.93	.00	5003.49	4999.99	5035.72	5034.51	31.02	140.20	130.68	131.44
6891.500	30.00	117.90	127.04	.00	5003.49	4999.99	5035.72	5034.51	31.02	140.20	130.68	131.44
6891.500	30.00	117.90	127.93	.00	5003.49	4999.99	5035.72	5034.51	31.02	140.20	130.68	131.44
6891.500	30.00	117.90	131.20	.00	4986.44	4999.99	5035.72	5035.72	49.27	140.20	130.68	131.44
6891.500	30.00	117.90	126.62	.00	5003.49	4999.99	5035.72	5034.51	31.02	140.20	130.68	131.44
6891.500	30.00	117.90	130.96	.00	4992.69	4999.99	5035.72	5035.72	43.03	140.20	130.68	131.44
6891.500	30.00	117.90	132.39	.00	4956.81	4999.99	5035.72	5048.20	91.39	140.20	130.68	131.44
6891.500	30.00	117.90	137.03	.00	4884.84	4999.99	5035.72	5105.86	221.02	140.20	130.68	131.44
8450.000	1558.50	125.30	135.56	.00	5054.37	5080.00	5115.00	5120.14	75.77	148.00	132.00	132.00
8450.000	1558.50	125.30	134.64	.00	5062.40	5080.00	5115.00	5126.32	62.81	148.00	132.00	132.00
8450.000	1558.50	125.30	135.56	.00	5054.37	5080.00	5115.00	5130.14	75.77	148.00	132.00	132.00
8450.000	1558.50	125.30	138.02	.00	5042.43	5080.00	5115.00	5149.66	107.23	148.00	132.00	132.00
8450.000	1558.50	125.30	134.19	.00	5065.36	5080.00	5115.00	5124.33	58.97	148.00	132.00	132.00
8450.000	1558.50	125.30	137.63	.00	5043.87	5080.00	5115.00	5146.30	102.44	148.00	132.00	132.00
8450.000	1558.50	125.30	138.63	.00	5040.14	5080.00	5115.00	5155.02	114.88	148.00	132.00	132.00
8450.000	1558.50	125.30	140.80	.00	5031.01	5080.00	5115.00	5173.97	142.96	148.00	132.00	132.00

C 49.
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 C 6847.5
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 C 6993.0
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 C 7023.0
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 C 8473.
 C 8473.
 C 8473.
 T1
 T2
 T3
 J1
 J21.0
 J5110. 200.
 J61.0

FIELD 1 OF THE X1 CARD IS THE DISTANCE ABOVE THE COUNTY LINE

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATION ABOVE SEA LEVEL. ELEVATIONS ADJUSTED FOR PROGRAM.

CROSS SECTION: SMA
 SMA LIES 1500 DOWNSTREAM OF THE COUNTY LINE

CROSS SECTION: SHB

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #1

BRIDGE #1, DIRT ROAD WIDTH: 13 FEET
 ELLC: 105.14

END BRIDGE CROSS SECTIONS FOR BRIDGE #1

CROSS SECTION: SHC

BEGIN BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

BRIDGE #1A, ABANDON PIER WIDTH: 11 FOOT
 ELLC: 115.89

END BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

CROSS SECTION: SMD SURVEY BY HSM+M

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #2

BRIDGE #2, SR 1134 WIDTH: 21 FEET
 ELLC: 128.55

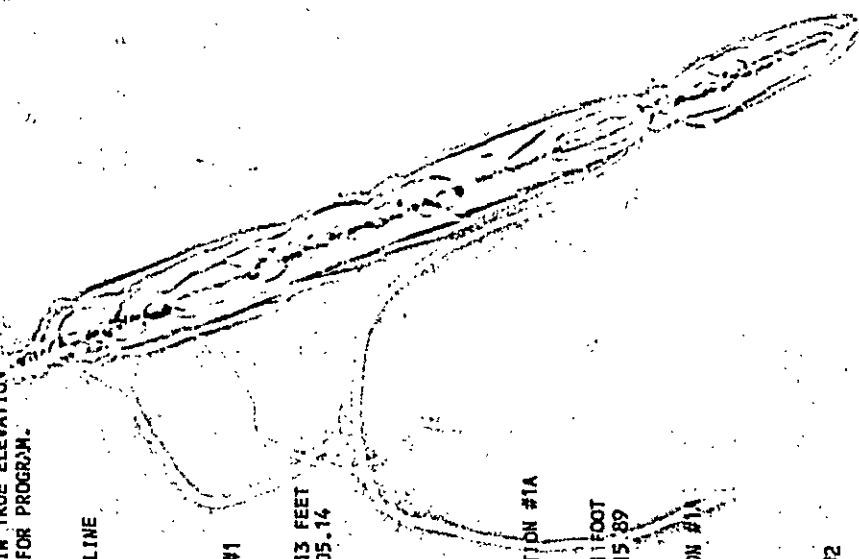
END BRIDGE CROSS SECTIONS FOR BRIDGE #2

CROSS SECTION: SHE

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO./LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KXC & EKL CORR 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 10-YEAR EVENT
 J1 4.0
 J21.0
 J5110. 200.
 J61.0

QT5. 3341. 5184. 5825. 7534. 5825.
 MCO.15 0.15 0.075 0.1 0.3

-1.



ET	X10.01	25.	5355.	5407.	0.	10.41	0.	0.	5170.	92.	5255.
GR108.	5000.	104.	5090.	5335.	84.	5345.	80.	5355.	77.1	80.	5365.
GR89.	5300.	88.	5370.	5377.	77.1	5384.	78.5	5392.	80.	5397.	
GR75.8	5370.	75.9	5407.	5422.	88.	5442.	90.	5467.	92.	5497.	
GR84.	5407.	85.	5470.	5552.	100.	5567.	104.	5577.	108.	5592.	
GR94.	5532.	96.									
QT5.0	3144.	4872.	5471.	5471.	7066.	5471.	5471.	5471.	5471.	5471.	5471.
X11700.	28.	5193.	5227.	5227.	3160.	3125.	3200.				
GR124.	5000.	120.	5025.	5025.	116.	5040.	112.	5045.	108.	5077.	
GR104.	5095.	102.	5113.	5113.	100.	5150.	100.	5150.1	100.	5150.2	
GR98.2	5193.	93.8	5200.	5200.	93.	5203.	92.9	5208.	92.6	5218.	
GR93.	5223.	97.	5227.	5227.	100.	5261.9	100.	5262.	104.	5282.	
GR106.	5297.	108.	5312.	5312.	112.	5332.	113.	5352.	114.	5387.	
GR116.	5412.	120.	5437.	5437.	124.	5462.					
X12510.	17.	5125.	5160.	5160.	785.	885.	810.	5065.	104.	5100.	
GR120.	5000.	116.	5030.	5030.	112.	5050.	108.	5143.6	97.6	5154.4	
GR100.	5125.	98.8	5135.	5135.	98.	5137.8	97.9	5215.	112.	5300.	
GR98.	5160.	100.	5175.	5175.	104.	5180.	108.				
GR116.	5330.	120.	5350.	5350.							
NC0.15	0.15	0.075									
ET	X13141.	522.	5017.	5044.	660.00	575.00	631.50	4983.	5065.		
GR124.	4920.	116.	4940.	4940.	116.	4950.	112.	4970.	108.	4990.	
GR108.	4990.01	108.	4990.02	4990.02	105.18	5000.	105.38	5010.	105.36	5017.	
GR102.	575021.5	102.23	5026.5	5026.5	102.03	5031.5	101.53	5036.	102.57	5040.	
GR105.	135044.	106.58	5054.	5054.	107.59	5064.	108.	5066.	112.	5076.	
GR116.	5086.	120.	5096.	5096.							
NC		0.3	0.3	0.3	0.5						
ET	X13192.5		43.00	100.00	51.00	4985.	5065.	0.19	106.30	105.86	
X310.											
ET	X13193.529.		4996.5	5023.5	1.	9.11	1.	4960.	5039.		
BT-29.	4870.	120.	4890.	4890.	116.	4910.	112.	4910.	112.	4950.	
BT	4920.	108.	4950.	4950.	107.57	4975.	106.68	4975.	106.68	106.68	
BT	4979.5	106.6	4989.5	4989.5	106.42	4995.	106.33	4995.	106.33	105.63	
BT	4996.5	106.3	5000.	5000.	106.24	5000.99	106.24	5000.99	106.24	102.75	
BT	5001.	106.24	5007.	5007.	106.23	5011	105.17	5012.6	105.17	105.17	
BT	5014.	106.41	5019	5019	106.41	5015	106.43	5015	106.43	102.75	
BT	5018.	106.44	5018.01	5018.01	106.44	5023.5	106.46	5023.5	106.46	105.31	
BT	5040.	106.52	5065.	5065.	105.86	5085.	108.	5085.	108.	108.	
BT	5108.5	109.4	5115.	5115.	112.	5117.5	113.	5117.5	113.	113.	
BT	5125.	116.	5145.	5145.	120.	4920.	107.57	4920.	107.57	4950.	
GR120.	4870.	116.	4890.	4890.	112.	4910.	108.	4920.	107.57	4950.	
GR106.	584975.	105.18	4979.5	4979.5	105.56	4989.5	105.54	4995.	105.54	4996.5	
GR103.	375000.	102.75	5000.99	5000.99	102.75	5001.	101.07	5007.	102.75	5012.6	
GR102.	075014.	102.07	5014.01	5014.01	102.76	5015.	104.81	5018.	104.81	5018.01	
GR105.	315023.5	106.52	5040.	5040.	105.86	5065.	108.	5085.	109.4	5108.5	
GR112.	5115.	113.	5117.5	5117.5	116.	5125.	120.	5145.			
ET	X13206.5		13.	13.	13.	9.11	13.	4960.	5039.		
X2											
ET	X13207.514.		5000.	5030.	1.	9.1	1.	4955.	5045.		

X310.							106.23		
GR120.	4920.	116.	4940.	112.	4960.	108.	4970.	104.	5000.
GR102.085011.		102.5	5019.5	102.91	5022.5	101.72	5023.	104.	5030.
GR108.	5050.	112.	5060.	116.	5070.	120.	5090.		
X13219.5				68.00	3.00	12.00			0.25
QT5.0	3062.	4730.	5308.	6845.	5308.				
NC0.15	0.15	0.075	0.1	0.3					
ET					10.41				
X14180.	26.	5263.	5307.	890.00	1025.00	960.50			
GR132.	5000.	129.	5035.	128.	5063.	126.	5098.	124.	5123.
GR120.	5146.	118.	5167.	116.	5187.	114.	5200.	112.	5225.
GR110.	5240.	108.	5263.	107.	5268.	106.6	5272.	106.7	5277.
GR106.5	5282.	107.	5287.	108.	5307.	112.	5317.	113.	5332.
GR116.	5352.	117.	5372.	120.	5387.	124.	5407.	128.	5422.
GR132.	5442.								
NC0.15	0.15	0.080	0.1	0.3					
ET					20.41				
X14428.320.		4990.6	5024.8	235.00	240.00	248.30			
GR132.	4775.	128.	4797.	124.	4811.	120.	4825.	116.	4852.
GR111.474990.6		108.53	4993.6	107.96	5000.	107.96	5000.01	107.	5009.9
GR108.515016.8		109.36	5019.8	111.47	5024.8	111.36	5036.8	111.59	5036.81
GR116.	5098.8	120.	5124.8	124.	5154.8	128.	5169.8	132.	5201.8
NC			0.3	0.5					
X14506.5				125.00	43.00	78.20			
X310.							115.88	115.89	
X14507.5				1.	1.	1.			
BT-20.	4775.	132.	132.	4797.	128.	128.	4811.	124.	124.
BT	4825.	120.	120.	4852.	116.	116.	4990.6	111.47	111.47
BT	4993.6	108.52	108.52	5000.	107.96	107.96	5000.01	111.82	107.96
BT	5009.9	111.84	107.00	5016.8	111.85	108.51	5019.8	111.86	109.36
BT	5024.8	111.78	111.47	5036.8	111.59	111.36	5036.81	111.59	111.59
BT	5098.8	116.	116.	5124.8	120.	120.	5154.8	124.	124.
BT	5169.8	122.	128.	5201.8	132.	132.			
X14508.5				1.	1.	1.			
X2						1.			
X14509.5				1.	1.	1.			
X310.							115.88	115.89	
ET					9.1		4877.	5057.	
X14528.3				43.00	16.00	18.80	0.04		
NC0.15	0.15	0.080	0.1	0.3					
ET					9.11		5172.	5332.	
X16180.	18.	5232.	5262.	1810.00	1485.00	1652.00			
GR137.1	5000.	134.8	5050.	132.1	5100.	127.4	5150.	124.9	5170.
GR121.6	5200.	118.	5232.	115.5	5242.	112.5	5250.	112.9	5258.
GR118.2	5262.	120.8	5269.	122.	5300.	124.2	5334.	125.6	5350.
GR130.795400.		133.5	5444.	136.1	5500.				
ET					9.1		4965.	5045.	
X16847.512.		4995.99	5035.72	650.00	685.00	667.00	-0.97		
GR140.	4865.	136.	4890.	132.	4960.	120.	4995.99	118.06	5003.5
GR117.705007.		117.90	5017.0	118.06	5025.00	120.	5035.72	132.	5045.7
GR136.	5100.7	140.	5125.7						

NC		0.3	0.5	9.1					5045.
ET				130.00	123.00			0.97	
X16970.0			95.00					130.48	131.24
X310.									
S81.05	1.56	2.5	0.0	25.	0.01	303.	0.27	117.7	117.7
ET					9.11			4965.	5045.
X16993.025.		4995.99	5035.72	23.	23.				
X2	1.0	128.55	130.48						
X310.									
BT-21.	4865.	140.	140.	4890.	136.	136.	130.48	131.24	132.
BT	4995.99	130.40	120.	5000.	130.48	120.	4960.	132.	128.
BT	5000.3	133.15	128.1	5001.	133.16	128.11	5000.01	133.14	128.
BT	5007.	133.26	128.19	5017.	133.44	128.32	5003.49	133.16	128.11
BT	5030.	133.67	128.49	5034.5	133.75	128.55	5025.	133.58	128.43
BT	5035.7	133.77	128.55	5035.71	131.24	128.55	5034.51	133.75	128.55
BT	5045.7	132.	132.	5100.7	136.	136.	5035.72	131.24	120.
GR140.	4865.	136.	4890.	132.	4960.	120.	5125.7	140.	140.
GR120.	5000.01	120.	5000.02	120.	5000.03	119.83	4995.99	120.	5000.00
GR118.065003.49	118.06	5003.5	117.70	5007.	117.90	5017.0	5000.30	119.45	5001.00
GR119.035030.00	119.9	5034.50	119.91	5034.51	120.	5035.00	5017.0	118.06	5025.00
GR120.	5035.71	120.	5035.72	132.	5045.7	136.	5035.00	120.	5035.70
ET					9.1		5100.7	140.	5125.7
X17023.012.		4995.99	5035.71	50.00	25.0	30.00	4961.		5041.
GR140.	4865.	136.	4890.	132.	4960.	120.	0.2		
GR117.705007.		117.90	5017.0	118.06	5025.00	120.	4995.99	118.06	5003.5
GR136.	5100.7	140.	5125.7				5035.72	132.	5045.7
QT5.0	2796.	4301.	4821.	6200.	4821.				
NC0.15	0.15	0.080	0.1	0.3					
ET					10.4				
X18473.19.		5083.	5110.	1375.00	1400.00	1450.00			
GR148.	5000.	144.	5015.	140.	5035.	136.	5050.	135.	5060.
GR132.	5080.	128.	5083.	127.4	5085.	126.	5090.	125.7	5094.
GR125.3	5099.	126.	5104.	126.9	5107.	128.	5110.	132.	5115.
GR136.	5132.	140.	5167.	144.	5202.	148.	5217.		
EJ									

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
T2 FILENAME: SHOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
T3 SHOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 100-YEAR FLOODWAY
J1 6.0
J215.0 -1.95

** BLANK CARD **
** BLANK CARD **
** BLANK CARD **
ER

THIS RUN EXECUTED 11/24/85 18:56:52

 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

C
 T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 10-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	4.	0.	0.	.000090	.00	.0	0.	93.950	.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	IHLER	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	5.000	3341.000	5184.000	5825.000	7534.000	5825.000		.000	.000	.000
NC	.150	.150	.075	.100	.300	.000		.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410		.000	.000	.000

FIELD 1 OF THE X1 CARD IS THE DISTANCE ABOVE THE COUNTY LINE

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATION ABOVE SEA LEVEL. ELEVATIONS ADJUSTED FOR PROGRAM.

CROSS SECTION: SMA
 SMA LIES 1500 DOWNSTREAM OF THE COUNTY LINE

X1	.010	25.000	5335.000	5407.000	.000	.000	.000	.000	.000	.000
GR	108.000	5000.000	104.000	5080.000	100.000	5120.000	96.000	5170.000	92.000	5255.000
GR	89.000	5300.000	88.000	5335.000	84.000	5345.000	80.000	5355.000	77.100	5365.000
GR	75.800	5370.000	75.900	5377.000	77.100	5384.000	78.500	5392.000	80.000	5397.000
GR	84.000	5407.000	85.000	5422.000	88.000	5442.000	90.000	5467.000	92.000	5497.000
GR	94.000	5532.000	96.000	5552.000	100.000	5567.000	104.000	5577.000	108.000	5592.000
QT	5.000	3144.000	4872.000	5471.000	7066.000	5471.000	.000	.000	.000	.000

CROSS SECTION: SHB

X1	1700.000	28.000	5193.000	5227.000	3160.000	3125.000	3200.000	.000	.000	.000
GR	124.000	5000.000	120.000	5025.000	116.000	5040.000	112.000	5045.000	108.000	5077.000
GR	104.000	5095.000	102.000	5113.000	100.000	5150.000	100.000	5150.100	100.000	5150.200
GR	98.200	5193.000	93.800	5200.000	93.000	5203.000	92.900	5208.000	92.600	5218.000
GR	93.000	5223.000	97.000	5227.000	100.000	5261.900	100.000	5262.000	104.000	5282.000
GR	106.000	5297.000	108.000	5312.000	112.000	5332.000	113.000	5352.000	114.000	5387.000
GR	116.000	5412.000	120.000	5437.000	124.000	5462.000	.000	.000	.000	.000
X1	2510.000	17.000	5125.000	5160.000	785.000	885.000	810.000	.000	.000	.000
GR	120.000	5000.000	116.000	5030.000	112.000	5050.000	108.000	5065.000	104.000	5100.000
GR	100.000	5125.000	98.800	5135.000	98.000	5137.800	97.900	5143.600	97.600	5154.400
GR	98.000	5160.000	100.000	5175.000	104.000	5180.000	108.000	5215.000	112.000	5300.000
GR	116.000	5330.000	120.000	5350.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.075	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4983.000	5063.000

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3141.500	22.000	5017.000	5044.000	660.000	575.000	631.500	.000	.000	.000
GR	124.000	4920.000	120.000	4940.000	116.000	4950.000	112.000	4970.000	108.000	4990.000
GR	108.000	4990.010	108.000	4990.020	105.180	5000.000	105.380	5010.000	105.360	5017.000
GR	102.570	5021.500	102.230	5026.500	102.030	5031.500	101.530	5036.000	102.570	5040.000
GR	105.130	5044.000	106.580	5054.000	107.590	5064.000	108.000	5066.000	112.000	5076.000
GR	116.000	5086.000	120.000	5096.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.100	.000	.000	4985.000	5065.000
X1	3192.500	.000	.000	.000	43.000	100.000	51.000	.000	.190	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.300	105.860	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4960.000	5039.000

BRIDGE #1, DIRT ROAD

WIDTH: 13 FEET
ELLIP: 105.14

X1	3193.500	29.000	4996.500	5023.500	1.000	1.000	1.000	.000	.000	.000
BT	-29.000	4870.000	120.000	4890.000	116.000	116.000	116.000	4910.000	112.000	112.000
BT	.000	4920.000	108.000	4950.000	107.570	107.570	107.570	4975.000	106.680	106.680
BT	.000	4979.500	106.600	4989.500	106.420	105.560	105.560	4995.000	106.330	105.630
BT	.000	4996.500	106.300	5000.000	106.240	103.370	103.370	5000.990	106.240	102.750
BT	.000	5001.000	106.240	5007.000	106.230	105.110	105.110	5012.600	106.370	105.170
BT	.000	5014.000	106.410	5018.010	106.410	102.070	102.070	5015.000	106.430	102.750
BT	.000	5018.000	106.440	5018.010	106.440	104.810	104.810	5023.500	106.460	105.310
BT	.000	5040.000	106.520	5065.000	105.860	105.860	105.860	5085.000	108.000	108.000
BT	.000	5108.500	109.400	5115.000	112.000	112.000	112.000	5117.500	113.000	113.000
DT	.000	5125.000	116.000	5145.000	120.000	120.000	120.000	.000	.000	.000
GR	120.000	4870.000	116.000	4890.000	112.000	4910.000	108.000	4920.000	107.570	4950.000
GR	106.680	4975.000	105.180	4979.500	105.560	4989.500	105.540	4995.000	105.540	4996.500
GR	103.370	5000.000	102.750	5000.990	102.750	5001.000	101.070	5007.000	102.750	5012.600
GR	102.070	5014.000	102.070	5014.010	102.760	5015.000	104.810	5018.000	104.810	5018.010

GR	105.310	5023.500	106.520	5040.000	105.860	5065.000	108.000	5085.000	109.400	5108.500
GR	112.000	5115.000	113.000	5117.500	116.000	5125.000	120.000	5145.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4960.000	5039.000
X1	3206.500	.000	.000	.000	13.000	13.000	13.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.100	.000	.000	4955.000	5045.000
X1	3207.500	14.000	5000.000	5030.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.230	106.420	.000
GR	120.000	4920.000	116.000	4940.000	112.000	4960.000	108.000	4970.000	104.300	5008.000
GR	102.080	5011.000	102.500	5019.500	102.910	5022.500	101.750	5023.000	104.000	5030.000
GR	108.000	5050.000	112.000	5060.000	116.000	5070.000	120.000	5090.000	.000	.000

END BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3219.500	.000	.000	.000	68.000	3.000	12.000	.000	.250	.000
QT	5.000	3062.000	4730.000	5308.000	6845.000	5308.000	.000	.000	.000	.000
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000

CROSS SECTION: SMC

X1	4180.000	26.000	5263.000	5307.000	890.000	1025.000	960.500	.000	.000	.000
GR	132.000	5000.000	129.000	5035.000	128.000	5063.000	126.000	5098.000	124.000	5123.000
GR	120.000	5146.000	118.000	5167.000	116.000	5187.000	114.000	5200.000	112.000	5225.000
GR	110.000	5240.000	108.000	5263.000	107.000	5268.000	106.600	5272.000	106.700	5277.000
GR	106.500	5282.000	107.000	5287.000	108.000	5307.000	112.000	5317.000	113.000	5332.000
GR	116.000	5352.000	117.000	5372.000	120.000	5387.000	124.000	5407.000	128.000	5422.000
GR	132.000	5442.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	20.410	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1	4428.300	20.000	4990.600	5024.800	235.000	240.000	248.300	.000	.000	.000
GR	132.000	4775.000	128.000	4797.000	124.000	4811.000	120.000	4825.000	116.000	4852.000
GR	111.470	4990.600	108.530	4993.600	107.960	5000.000	107.960	5000.010	107.000	5009.900
GR	108.510	5016.800	109.360	5019.800	111.470	5024.800	111.360	5036.800	111.590	5036.810
GR	116.000	5098.800	120.000	5124.800	124.000	5154.800	128.000	5169.800	132.000	5201.800
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000

BRIDGE #1A, ABANDON PIER

WIDTH: 1 FOOT
ELLIPSE: 115.89

X1	4506.500	.000	.000	.000	125.000	43.000	78.200	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	115.880	115.890	.000

X1	4507.500	.000	.000	.000	1.000	1.000	1.000	1.000	1.000	1.000	4811.000	124.000	.000
BT	-20.000	4775.000	132.000	4797.000	128.000	128.000	128.000	128.000	128.000	124.000	4990.600	111.470	124.000
BT	.000	4825.000	120.000	4852.000	116.000	116.000	116.000	116.000	116.000	111.470	5000.010	111.820	107.960
BT	.000	4993.600	108.520	5000.000	107.960	107.960	107.960	107.960	107.960	111.860	5019.800	111.660	109.360
BT	.000	5009.900	111.840	5016.800	111.850	111.850	111.850	111.850	111.850	111.590	5036.810	111.590	111.590
BT	.000	5024.800	111.780	5036.800	111.590	111.590	111.590	111.590	111.590	124.000	5154.800	124.000	124.000
BT	.000	5098.800	116.000	5124.800	120.000	120.000	120.000	120.000	120.000	132.000	5154.800	132.000	132.000
BT	.000	5169.800	128.000	5201.800	132.000	132.000	132.000	132.000	132.000	.000	.000	.000	.000
X1	4508.500	.000	.000	1.000	1.000	1.000	1.000	1.000	1.000	.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
X1	4509.500	.000	.000	1.000	1.000	1.000	1.000	1.000	1.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	115.880	115.890	.000	.000
ET	.000	.000	.000	.000	9.100	9.100	9.100	9.100	9.100	.000	4897.000	5057.000	.000

END BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1	4528.300	.000	.000	43.000	16.000	16.000	16.000	16.000	16.000	18.800	.000	.040	.000
HC	.150	.150	.080	.300	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	9.110	9.110	9.110	9.110	9.110	.000	5172.000	5332.000	.000

CROSS SECTION: SHD SURVEY BY HSM+H

X1	6180.000	18.000	5232.000	5262.000	1810.000	1485.000	1485.000	1485.000	1485.000	1652.000	.000	.000	.000
GR	137.100	5000.000	134.800	5050.000	132.100	5100.000	5100.000	5100.000	5100.000	127.400	124.900	5170.000	5170.000
GR	121.600	5200.000	118.000	5232.000	115.500	5242.000	5242.000	5242.000	5242.000	112.500	112.900	5258.000	5258.000
GR	118.200	5262.000	120.800	5269.000	122.000	5300.000	5300.000	5300.000	5300.000	124.200	125.600	5350.000	5350.000
GR	130.790	5400.000	133.500	5444.000	136.100	5500.000	5500.000	5500.000	5500.000	.000	.000	5045.000	5045.000
ET	.000	.000	.000	.000	9.100	9.100	9.100	9.100	9.100	.000	4965.000	5045.000	5045.000

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #2

X1	6847.500	12.000	4995.990	5035.720	650.000	685.000	685.000	685.000	685.000	667.000	.000	.970	.000
GR	140.000	4865.000	136.000	4893.000	132.000	4960.000	4960.000	4960.000	4960.000	120.000	4995.990	118.060	5003.500
GR	117.700	5007.000	117.900	5017.000	118.060	5025.000	5025.000	5025.000	5025.000	120.000	5035.720	132.000	5045.700
GR	136.000	5155.700	140.000	5125.700	.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.100	9.100	9.100	9.100	.000	.000	4965.000	5045.000
X1	6970.000	.000	.000	.000	95.000	130.000	130.000	130.000	130.000	123.000	.000	.970	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	130.480	131.240	.000
SB	1.050	1.560	2.500	.000	25.000	.010	.010	.010	.010	303.000	.270	117.700	117.700
ET	.000	.000	.000	.000	.000	9.110	9.110	9.110	9.110	.000	.000	4965.000	5045.000

BRIDGE #2, SR 1134

WIDTH: 21 FEET
ELLIC: 128.55

X1	6993.000	25.000	4995.990	5035.720	23.000	23.000	23.000	.000	.000	.000
X2	.000	.000	1.000	128.550	130.480	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	130.480	131.240	.000
BT	-21.000	4865.000	140.000	140.000	4890.000	136.000	136.000	4960.000	132.000	132.000
BT	.000	4995.990	130.480	120.000	5000.000	130.480	120.000	5000.010	133.140	128.000
BT	.000	5000.300	133.150	128.100	5001.000	133.160	128.110	5003.490	133.160	128.110
BT	.000	5007.000	133.260	128.190	5017.000	133.440	128.320	5025.000	133.580	128.430
BT	.000	5030.000	133.670	128.490	5034.500	133.750	128.550	5034.510	133.750	128.550
BT	.000	5035.700	133.770	128.550	5035.710	131.240	128.550	5035.720	131.240	120.000
BT	.000	5045.700	132.000	132.000	5100.700	136.000	136.000	5125.700	140.000	140.000
GR	140.000	4865.000	136.000	4890.000	132.000	4960.000	120.000	4995.990	120.000	5000.000
GR	120.000	5000.010	120.000	5000.020	120.000	5000.030	119.830	5000.300	119.450	5001.000
GR	118.060	5003.490	118.060	5003.500	117.700	5007.000	117.900	5017.000	118.060	5025.000
GR	119.030	5030.000	119.900	5034.500	119.910	5034.510	120.000	5035.000	120.000	5035.700
GR	120.000	5035.710	120.000	5035.720	132.000	5045.700	136.000	5100.700	140.000	5125.700

ET	.000	.000	.000	.000	.000	9.100	.000	.000	4961.000	5041.000
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END BRIDGE CROSS SECTIONS FOR BRIDGE #2

X1	7023.000	12.000	4995.990	5035.720	50.000	25.000	30.000	.000	.200	.000
GR	140.000	4865.000	136.000	4890.000	132.000	4960.000	120.000	4995.990	118.060	5003.500
GR	117.700	5007.000	117.900	5017.000	118.060	5025.000	120.000	5035.720	132.000	5045.700
GR	136.000	5100.700	140.000	5125.700	.000	.000	.000	.000	.000	.000

QT	5.000	2796.000	4301.000	4821.000	6200.000	4821.000	.000	.000	.000	.000
NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.400	.000	.000	.000	.000

CROSS SECTION: SME

X1	8473.000	19.000	5083.000	5110.000	1375.000	1400.000	1450.000	.000	.000	.000
GR	148.000	5000.000	144.000	5015.000	140.000	5035.000	136.000	5050.000	135.000	5060.000
GR	132.000	5080.000	128.000	5083.000	127.400	5085.000	126.000	5090.000	125.700	5094.000
GR	125.300	5099.000	126.000	5104.000	126.900	5107.000	128.000	5110.000	132.000	5115.000
GR	136.000	5132.000	140.000	5167.000	144.000	5202.000	148.000	5217.000	.000	.000
EJ	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

*PROF 1

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 11/24/85 18:58:43

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

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

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT TABLE 110

SECHO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
.010	93.95	.00	94.22	317.56	404.20	4693.92	726.88	.00	.00	5335.00	5407.00	.00
.010	94.95	1.00	95.28	113.29	92.80	5263.64	468.55	.15	5322.61	5335.00	5407.00	5435.91
1700.000	106.01	.00	106.59	211.14	1335.40	3199.60	936.01	.00	.00	5193.00	5227.00	.00
1700.000	107.00	.99	107.72	113.85	1171.16	3648.19	651.64	.17	5139.70	5193.00	5227.00	5253.55
2510.000	110.64	.00	111.24	215.79	991.63	3329.93	1149.44	.00	.00	5125.00	5160.00	.00
2510.000	111.60	.96	112.35	86.71	796.94	3759.66	914.41	.16	5097.61	5125.00	5160.00	5184.32
3141.500	114.89	.00	115.89	127.63	1331.82	3269.77	869.41	.00	.00	5017.00	5044.00	.00
3141.500	115.74	.85	116.85	80.00	1280.16	3559.52	631.32	80.00	4983.00	5017.00	5044.00	5063.00
3192.500	115.55	.00	116.43	131.19	1365.70	3213.02	892.28	.00	.00	5017.00	5044.00	.00
3192.500	116.39	.84	117.36	80.00	1230.09	3464.54	776.36	80.00	4985.00	5017.00	5044.00	5065.00
3193.500	116.53	.00	116.66	240.31	1981.98	1238.49	2250.53	.00	.00	4996.50	5023.50	.00
3193.500	116.43	.10	117.38	79.00	2099.74	2935.23	436.02	79.00	4960.00	4996.50	5023.50	5039.00
3206.500	116.58	.00	116.70	240.76	1983.58	1236.39	2251.03	.00	.00	4996.50	5023.50	.00
3206.500	116.77	.19	117.66	79.00	2110.97	2924.04	435.99	79.00	4960.00	4996.50	5023.50	5039.00
3207.500	116.31	.00	116.98	133.07	1278.94	3305.12	886.94	.00	.00	5000.00	5030.00	.00
3207.500	116.90	.59	117.69	90.00	1402.30	3610.54	458.16	90.00	4955.00	5000.00	5030.00	5045.00
3219.500	116.43	.00	117.12	131.82	1271.45	3317.55	881.99	.00	.00	5000.00	5030.00	.00
3219.500	117.31	.88	117.88	140.63	1322.95	3232.12	915.93	.00	.00	5000.00	5030.00	.00
4180.000	120.18	.00	120.48	242.93	1443.24	3135.58	729.18	.00	.00	5263.00	5307.00	.00
4180.000	120.75	.57	121.15	122.87	1291.79	3559.88	456.33	.15	5202.82	5263.00	5307.00	5331.69
4428.300	120.93	.00	121.12	310.02	1994.04	2131.30	1182.66	.00	.00	4990.60	5024.80	.00
4428.300	121.59	.66	121.96	145.35	1860.48	2822.51	625.01	.31	4905.61	4990.60	5024.80	5050.96

SECCO	CMSEL	DIFKMS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
4506.500	121.17	.00	121.35	312.71	2015.52	2097.13	1195.35	.00	.00	4990.60	5024.80	.00
4506.500	121.98	.81	122.31	149.74	1896.22	2751.47	660.31	.30	4903.17	4990.60	5024.80	5052.91
4507.500	121.20	.00	121.36	313.00	2293.16	1664.66	1350.18	.00	.00	4990.60	5024.80	.00
4507.500	122.01	.81	122.32	153.66	2232.98	2276.58	798.44	.32	4901.09	4990.60	5024.80	5054.75
4508.500	121.20	.00	121.36	313.03	2293.30	1664.43	1350.27	.00	.00	4990.60	5024.80	.00
4508.500	122.01	.81	122.32	153.69	2233.14	2276.23	798.63	.32	4901.08	4990.60	5024.80	5054.77
4509.500	121.20	.00	121.37	313.07	2018.27	2092.74	1196.99	.00	.00	4990.60	5024.80	.00
4509.500	122.01	.81	122.33	150.62	1910.25	2746.35	667.39	.30	4902.70	4990.60	5024.80	5053.31
4528.300	121.27	.00	121.44	313.33	2120.23	2089.57	1198.20	.00	.00	4990.60	5024.80	.00
4528.300	122.14	.88	122.43	160.00	1937.45	2644.89	725.51	160.00	4897.00	4990.60	5024.80	5057.00
6180.000	127.67	.00	128.25	222.77	1131.40	3020.60	1156.01	.00	.00	5232.00	5262.00	.00
6180.000	128.65	.98	129.14	160.00	1170.85	2978.64	1158.52	160.00	5172.00	5232.00	5262.00	5332.00
6847.500	131.58	.00	132.48	102.83	597.68	4582.44	127.88	.00	.00	4995.99	5035.72	.00
6847.500	131.88	.30	132.74	80.00	614.11	4568.03	125.87	80.00	4965.00	4995.99	5035.72	5045.00
6970.000	132.27	.00	133.22	94.05	576.97	4607.97	123.07	.00	.00	4995.99	5035.72	.00
6970.000	132.52	.25	133.43	80.00	599.40	4585.36	123.24	80.00	4965.00	4995.99	5035.72	5045.00
6993.000	134.82	.00	135.40	173.96	783.95	4328.76	195.28	.00	.00	4995.99	5035.72	.00
6993.000	135.56	.74	136.13	80.00	718.42	4446.57	143.01	80.00	4965.00	4995.99	5035.72	5045.00
7023.000	134.92	.00	135.51	170.80	765.26	4354.06	188.68	.00	.00	4995.99	5035.72	.00
7023.000	135.65	.73	136.23	80.00	739.62	4484.59	83.79	80.00	4961.00	4995.99	5035.72	5041.00
8473.000	141.19	.00	141.98	148.40	749.98	3372.76	698.26	.00	.00	5083.00	5110.00	.00
8473.000	141.89	.70	142.89	70.48	540.52	3767.76	512.72	.15	5060.08	5083.00	5110.00	5130.55

FLOODWAY DATA, SHOKY CREEK, CALDWELL CO
 PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
				WITH FLOODWAY	WITHOUT FLOODWAY	
.010	113.	1448.	4.0	94.9	93.9	1.0
1700.300	114.	1094.	5.0	107.0	106.0	1.0
2510.000	87.	991.	5.5	111.6	110.6	1.0
3141.500	80.	848.	6.5	115.8	114.9	.9
3192.500	80.	888.	6.2	116.3	115.5	.8
3193.500	79.	825.	6.6	116.5	116.5	.0
3206.500	79.	851.	6.4	116.8	116.6	.2
3207.500	90.	1013.	5.4	116.9	116.3	.6
3219.500	141.	1222.	4.5	117.3	116.4	.9
4180.000	123.	1375.	3.9	120.8	120.2	.6
4428.300	145.	1448.	3.7	121.6	120.9	.7
4506.500	150.	1542.	3.4	122.0	121.2	.8
4507.500	154.	1488.	3.6	122.0	121.2	.8
4508.500	154.	1489.	3.6	122.0	121.2	.8
4509.500	151.	1554.	3.4	122.0	121.2	.8
4528.300	160.	1645.	3.2	122.2	121.3	.9
6180.000	160.	1322.	4.0	128.7	127.7	1.0
6847.500	80.	879.	6.0	131.9	131.6	.3
6970.000	80.	853.	6.2	132.6	132.3	.3
6993.000	80.	1092.	4.9	135.5	134.8	.7
7023.000	80.	1078.	4.9	135.6	134.9	.7
8473.000	70.	809.	6.0	141.9	141.2	.7

GR120.	4920.	116.	4940.	112.	4960.	108.	4970.	110.	5000.
GR102.085011.		102.5	5019.5	102.91	5022.5	101.75	5023.	110.	5030.
GR108.	5050.	112.	5060.	116.	5070.	120.	5090.		
X13219.5				68.00	3.00	12.00			0.25
QT5.0	3062.	4730.	5308.	6845.	5308.				
HCO.15	0.15	0.075	0.1	0.3					
X14180.	26.	5263.	5307.	890.00	1025.00	960.50			
GR132.	5000.	129.	5035.	128.	5063.	126.	5098.	124.	5123.
GR120.	5146.	118.	5167.	116.	5187.	114.	5200.	112.	5225.
GR110.	5240.	108.	5263.	107.	5268.	106.6	5272.	106.7	5277.
GR106.5	5282.	107.	5287.	108.	5307.	112.	5317.	113.	5332.
GR116.	5352.	117.	5372.	120.	5387.	124.	5407.	128.	5422.
GR132.	5442.								
HCO.15	0.15	0.080	0.1	0.3					
X14428.	320.	4990.6	5024.8	235.00	240.00	248.30			
GR132.	4775.	128.	4797.	124.	4811.	120.	4825.	116.	4852.
GR111.474990.6		108.53	4993.6	107.96	5000.	107.96	5000.01	107.	5009.9
GR108.515016.8		109.36	5012.8	111.47	5024.8	111.36	5036.8	111.59	5036.81
GR116.	5098.8	120.	5124.8	124.	5154.8	128.	5169.8	132.	5201.8
NC			0.3	0.5					
X14506.5				125.00	43.00	78.20			
X310.							115.88	115.89	
X14507.5				1.	1.	1.			
BT-20.	4775.	132.	132.	4797.	128.	128.	4811.	124.	124.
BT	4825.	120.	120.	4852.	116.	116.	4990.6	111.47	111.47
BT	4993.6	108.52	108.52	5000.	107.96	107.96	5000.01	111.82	107.96
BT	5009.9	111.84	107.00	5016.8	111.85	108.51	5019.8	111.86	109.36
BT	5024.8	111.78	111.47	5036.8	111.59	111.36	5036.81	111.59	111.59
BT	5098.8	116.	116.	5124.8	120.	120.	5154.8	124.	124.
BT	5169.8	128.	128.	5201.8	132.	132.			
X14508.5				1.	1.	1.			
X2									
X14509.5				1.	1.	1.			
X310.							115.88	115.89	
X14528.3				43.00	16.00	18.80			0.04
HCO.15	0.15	0.080	0.1	0.3					
X16180.	18.	5232.	5262.	1810.00	1485.00	1652.00			
GR137.1	5000.	134.8	5050.	132.1	5100.	127.4	5150.	124.9	5170.
GR121.6	5200.	118.	5232.	115.5	5242.	112.5	5250.	112.9	5258.
GR118.2	5262.	120.8	5269.	122.	5300.	124.2	5334.	125.6	5350.
GR130.795400.		133.5	5444.	136.1	5500.				
X16847.512.		4095.99	5035.72	650.00	685.00	667.00			-0.97
GR140.	4865.	156.	4890.	132.	4960.	120.	4995.99	118.06	5003.5
GR117.705007.		117.90	5017.0	118.06	5025.00	120.	5035.72	132.	5045.7
GR136.	5100.7	140.	5125.7						
IC			0.3	0.5					
X16970.5				95.00	130.00	123.00			0.97
X310.							130.48	131.24	
SB1.05	1.56	2.5	0.0	25.	0.01	303.	0.27	117.7	117.7
X16993.525.		4995.99	5035.72	23.	23.	23.			

X2	1.0	128.55	130.48						
X310.						130.48	1.		
BT-21.	4865.	140.	140.	4890.	136.	136.	4960.	132.	132.
BT	4995.99	130.48	120.	5000.	130.48	120.	5000.01	133.14	128.
BT	5000.3	133.15	128.1	5001.	133.16	128.11	5003.49	133.16	128.11
BT	5007.	133.26	128.19	5017.	133.44	128.32	5025.	133.58	128.43
BT	5030.	133.67	128.49	5034.5	133.75	128.55	5034.51	133.75	128.55
BT	5035.7	133.77	128.55	5035.71	131.24	128.55	5035.72	131.24	120.
BT	5045.7	132.	132.	5100.7	136.	136.	5125.7	140.	140.
GR140.	4865.	136.	4890.	132.	4960.	120.	4995.99	120.	5000.00
GR120.	5000.01	120.	5000.02	120.	5000.03	119.83	5000.30	119.45	5001.00
GR118.065003.49	118.06	5003.5	117.70	5007.	117.90	5017.0	118.06	5025.00	
GR119.035030.00	119.9	5034.50	119.91	5034.51	120.	5035.00	120.	5035.70	
GR120.	5035.71	120.	5035.72	132.	5045.7	136.	5100.7	140.	5125.7

X17023.012.	4995.99	5035.72	50.00	25.00	30.00			0.2	
GR140.	4865.	136.	4890.	132.	4960.	120.	4995.99	118.06	5003.5
GR117.705007.	117.90	5017.0	118.06	5025.00	120.	5035.72	132.	5045.7	
GR136.	5100.7	140.	5125.7						

QT5.0	2796.	4301.	4820.	6200.	4820.				
HCO.15	0.15	0.080	0.1	0.3					
X18473.	19.	5083.	5110.	1375.00	1400.00	1450.00			
GR148.	5000.	144.	5015.	140.	5035.	136.	5050.	135.	5060.
GR132.	5080.	128.	5083.	127.4	5085.	126.	5090.	125.7	5094.
GR125.3	5099.	126.	5104.	126.9	5107.	128.	5110.	132.	5115.
GR136.	5132.	140.	5167.	144.	5202.	148.	5217.		

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 50-YEAR
 J1 3.0 .001685 79.68
 J22.0 -1.

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 100-YEAR
 J1 4.0 .001685 79.68
 J23.0 -1.

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 500-YEAR
 J1 5.0 .001685 79.68
 J215.0 -1.

** BLANK CARD **
 ** BLANK CARD **
 ** BLANK CARD **

ER

THIS RUN EXECUTED 11/24/85 18:50:49

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-X1 VERSION

C
 T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 10-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	2.	0.	0.	.004840	.00	.0	0.	80.000	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	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	5.000	3341.000	5184.000	5825.000	7534.000	5825.000	.000	.000	.000	.000
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.400	.000	.000	.000	.000

FIELD 1 OF THE X1 CARD IS THE DISTANCE ABOVE THE COUNTY LINE.

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATION ABOVE SEA LEVEL. ELEVATIONS ADJUSTED FOR PROGRAM.

CROSS SECTION: SMA
SMA LIES 1500 DOWNSTREAM OF THE COUNTY LINE

X1	.010	25.000	5335.000	5407.000	.000	.000	.000	.000	.000	.000
GR	108.000	5000.000	104.000	5080.000	100.000	5120.000	96.000	5170.000	92.000	5255.000
GR	89.000	5300.000	88.000	5335.000	84.000	5345.000	80.000	5355.000	77.100	5365.000
GR	75.800	5370.000	75.900	5377.000	77.100	5384.000	78.500	5392.000	80.000	5397.000
GR	84.000	5407.000	85.000	5422.000	88.000	5442.000	90.000	5467.000	92.000	5497.000
GR	94.000	5532.000	96.000	5552.000	100.000	5567.000	104.000	5577.000	108.000	5592.000

QT	5.000	3144.000	4872.000	5471.000	7066.000	5471.000	.000	.000	.000	.000
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CROSS SECTION: SMB

X1	1700.000	28.000	5193.000	5227.000	3160.000	3125.000	3200.000	.000	.000	.000
GR	124.000	5000.000	120.000	5025.000	116.000	5040.000	112.000	5045.000	108.000	5077.000
GR	104.000	5095.000	102.000	5113.000	100.000	5150.000	100.000	5150.100	100.000	5150.200
GR	98.200	5193.000	93.800	5200.000	93.000	5203.000	92.900	5208.000	92.600	5218.000
GR	93.000	5223.000	97.000	5227.000	100.000	5261.900	100.000	5262.000	104.000	5282.000
GR	106.000	5297.000	108.000	5312.000	112.000	5332.000	113.000	5352.000	114.000	5387.000
GR	116.000	5412.000	120.000	5437.000	124.000	5462.000	.000	.000	.000	.000

X1	2510.000	17.000	5125.000	5160.000	785.000	885.000	810.000	.000	.000	.000
GR	120.000	5000.000	116.000	5030.000	112.000	5050.000	108.000	5065.000	104.000	5100.000
GR	100.000	5125.000	98.800	5135.000	98.000	5137.800	97.900	5143.600	97.600	5154.400
GR	98.000	5160.000	100.000	5175.000	104.000	5180.000	108.000	5215.000	112.000	5300.000
GR	116.000	5330.000	120.000	5350.000	.000	.000	.000	.000	.000	.000

NC	.150	.150	.075	.000	.000	.000	.000	.000	.000	.000
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BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3141.500	22.000	5017.000	5044.000	660.000	575.000	631.500	.000	.000	.000
GR	124.000	4920.000	120.000	4940.000	116.000	4950.000	112.000	4970.000	108.000	4990.000
GR	108.000	4990.010	108.000	4990.020	105.180	5000.000	105.380	5010.000	105.360	5017.000
GR	102.570	5021.500	102.230	5026.500	102.030	5031.500	101.530	5036.000	102.570	5040.000
GR	105.130	5044.000	106.580	5054.000	107.590	5064.000	108.000	5066.000	112.000	5076.000
GR	116.000	5086.000	120.000	5096.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	3192.500	.000	.000	.000	43.000	100.000	51.000	.000	.190	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.300	105.860	.000

BRIDGE #1, DIRT ROAD

WIDTH: 13 FEET
ELLC: 105.14

X1	3193.500	29.000	4996.500	5023.500	1.000	1.000	1.000	.000	.000	.000
BT	-29.000	4870.000	120.000	120.000	4890.000	116.000	116.000	4910.000	112.000	112.000
BT	.000	4920.000	108.000	108.000	4950.000	107.570	107.570	4975.000	106.680	106.680
BT	.000	4979.500	106.600	105.180	4989.500	106.420	105.560	4995.000	106.330	105.630
BT	.000	4996.500	106.300	105.540	5000.000	106.240	103.370	5000.990	106.240	102.750
BT	.000	5001.000	106.240	105.010	5007.000	106.230	105.110	5012.600	106.370	105.170

BT	.000	5014.000	106.410	105.190	5014.010	106.410	102.070	5015.000	106.430	102.750
BT	.000	5018.000	106.440	104.800	5018.010	106.440	104.810	5023.500	106.460	105.310
BT	.000	5040.000	106.520	106.520	5065.000	105.860	105.860	5085.000	108.000	108.000
BT	.000	5108.500	109.400	109.400	5115.000	112.000	112.000	5117.500	113.000	113.000
BT	.000	5125.000	116.000	116.000	5145.000	120.000	120.000	.000	.000	.000
GR	120.000	4870.000	116.000	4890.000	112.000	4910.000	108.000	4920.000	107.570	4950.000
GR	106.680	4975.000	105.180	4979.500	105.560	4989.500	105.540	4995.000	105.540	4996.500
GR	103.370	5000.000	102.750	5000.990	102.750	5001.000	101.070	5007.000	102.750	5012.600
GR	102.070	5014.000	102.070	5014.010	102.760	5015.000	104.810	5018.000	104.810	5018.010
GR	105.310	5023.500	106.520	5040.000	105.860	5065.000	108.000	5085.000	109.400	5108.500
GR	112.000	5115.000	113.000	5117.500	116.000	5125.000	120.000	5145.000	.000	.000
X1	3206.500	.000	.000	.000	13.000	13.000	13.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X1	3207.500	14.000	5000.000	5030.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.230	106.420	.000
GR	120.000	4920.000	116.000	4940.000	112.000	4960.000	108.000	4970.000	104.000	5000.000
GR	102.080	5011.000	102.500	5019.500	102.910	5022.500	101.750	5023.000	104.000	5030.000
GR	108.000	5050.000	112.000	5060.000	116.000	5070.000	120.000	5090.000	.000	.000

END BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3219.500	.000	.000	.000	68.000	3.000	12.000	.000	.250	.000
QT	5.000	3062.000	4730.000	5308.000	6845.000	5308.000	.000	.000	.000	.000
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000

CROSS SECTION: SMC

X1	4180.000	26.000	5263.000	5307.000	890.000	1025.000	960.500	.000	.000	.000
GR	132.000	5000.000	129.000	5035.000	128.000	5063.000	126.000	5098.000	124.000	5123.000
GR	120.000	5146.000	118.000	5167.000	116.000	5187.000	114.000	5200.000	112.000	5225.000
GR	110.000	5240.000	108.000	5263.000	107.000	5268.000	106.600	5272.000	106.700	5277.000
GR	106.500	5282.000	107.000	5287.000	108.000	5307.000	112.000	5317.000	113.000	5332.000
GR	116.000	5352.000	117.000	5372.000	120.000	5387.000	124.000	5407.000	128.000	5422.000
GR	132.000	5442.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1	4428.300	20.000	4990.600	5024.800	235.000	240.000	248.300	.000	.000	.000
GR	132.000	4775.000	128.000	4797.000	124.000	4811.000	120.000	4825.000	116.000	4852.000
GR	111.470	4990.600	108.530	4993.600	107.960	5000.000	107.960	5000.010	107.000	5009.900
GR	108.510	5016.800	109.360	5019.800	111.470	5024.800	111.360	5036.600	111.590	5036.810
GR	116.000	5098.800	120.000	5124.800	124.000	5154.800	128.000	5169.800	132.000	5201.800

NC .000 .000 .000 .300 .500 .000 .000 .000 .000 .000

BRIDGE #1A, ABANDON PIER WIDTH: 1 FOOT
ELLC: 115.89

X1 4506.500 .000 .900 .000 125.000 43.000 78.200 .000 .000 .000
X3 10.000 .000 .000 .000 .000 .000 .000 115.880 115.890 .000

X1 4507.500 .000 .000 .000 1.000 1.000 1.000 .000 .000 .000
BT -20.000 4775.000 132.000 132.000 4797.000 128.000 128.000 4811.000 124.000 124.000
BT .000 4825.000 120.000 120.000 4852.000 116.000 116.000 4990.600 111.470 111.470
BT .000 4993.600 108.520 108.520 5000.000 107.960 107.960 5000.010 111.820 107.960
BT .000 5009.900 111.840 107.000 5016.800 111.850 108.510 5019.800 111.860 109.360
BT .000 5024.800 111.780 111.470 5036.800 111.590 111.360 5036.810 111.590 111.590
BT .000 5098.300 116.000 116.000 5124.800 120.000 120.000 5154.800 124.000 124.000
BT .000 5169.800 128.000 128.000 5201.800 132.000 132.000 .000 .000 .000

X1 4508.500 .000 .000 .000 1.000 1.000 1.000 .000 .000 .000
X2 .000 .000 .000 .000 .000 .000 1.000 .000 .000 .000

X1 4509.500 .000 .000 .000 1.000 1.000 1.000 .000 .000 .000
X3 10.000 .000 .000 .000 .000 .000 .000 115.880 115.890 .000

END BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1 4528.300 .000 .000 .000 43.000 16.000 18.800 .000 .040 .000

NC .150 .150 .080 .100 .300 .000 .000 .000 .000 .000

CROSS SECTION: SMD SURVEY BY HSM+M

X1 6180.000 18.000 5232.000 5262.000 1810.000 1485.000 1652.000 .000 .000 .000
GR 137.100 5000.000 134.800 5050.000 132.100 5100.000 127.400 5150.000 124.900 5170.000
GR 121.600 5200.000 118.000 5232.000 115.500 5242.000 112.500 5250.000 112.900 5258.000
GR 118.200 5262.000 120.800 5269.000 122.000 5300.000 124.200 5334.000 125.600 5350.000
GR 130.790 5400.000 133.500 5444.000 136.100 5500.000 .000 .000 .000 .000

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #2

X1 6847.500 12.000 4995.990 5035.720 650.000 685.000 667.000 .000 -.970 .000
GR 140.000 4865.000 136.000 4890.000 132.000 4960.000 120.000 4995.990 118.060 5003.500
GR 117.700 5007.000 117.900 5017.000 118.060 5025.000 120.000 5035.720 132.000 5045.700
GR 136.000 5100.700 140.000 5125.700 .000 .000 .000 .000 .000 .000

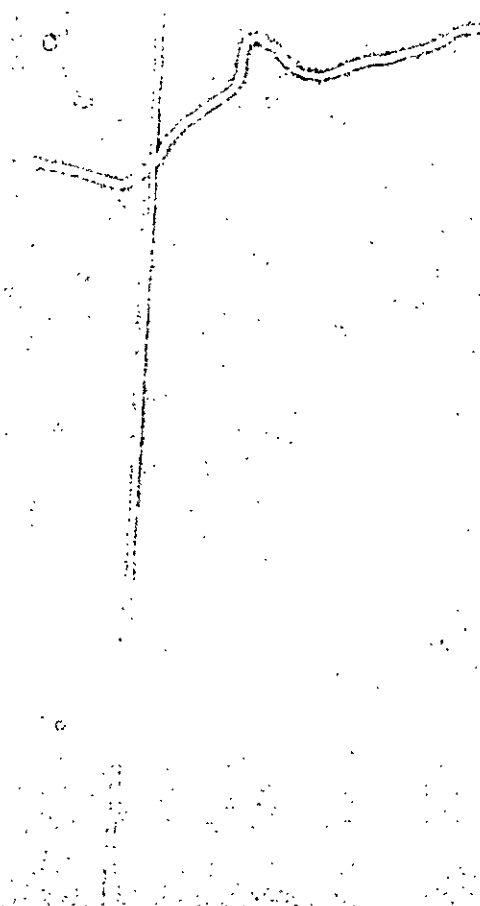
NC .000 .000 .000 .300 .500 .000 .000 .000 .000 .000
X1 6970.500 .000 .000 .000 95.000 130.000 123.000 .000 .970 .000
X3 10.000 .000 .000 .000 .000 .000 .000 130.480 131.240 .000

THIS RUN EXECUTED 11/24/85 18:51:55

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 50-YEAR

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	3.	0.	0.	.001685	.00	.0	0.	79.680	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FM	ALLDC	IBW	CHNIM	ITRACE
	2.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000



THIS RUN EXECUTED 11/24/85 18:53:50

 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

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

SHOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECCO	HL	DLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
.010	.00	.00	88.56	.45	88.12	.00	75.80	48.42	.00	678.48	480.12	.00
.010	.00	.00	93.53	.26	93.26	.00	75.80	17.00	.00	1725.77	1257.31	.00
.010	.00	.00	94.23	.27	93.95	.00	75.80	17.16	.00	1935.43	1406.07	.00
.010	.00	.00	95.96	.29	95.66	.00	75.80	16.92	.00	2525.17	1831.62	.00
1700.000	15.74	.00	104.30	.42	103.88	15.77	92.60	50.27	.00	896.74	443.45	3200.00
1700.000	12.36	.09	105.90	.56	105.61	12.15	92.60	60.64	.00	1195.49	625.65	3200.00
1700.000	12.27	.09	106.59	.58	106.01	12.06	92.60	59.95	.00	1319.88	706.58	3200.00
1700.000	12.00	.10	108.05	.62	107.44	11.77	92.60	58.54	.00	1635.17	923.51	3200.00
2510.000	4.15	.01	108.46	.46	108.00	4.12	97.60	51.11	.00	792.92	439.79	810.00
2510.000	4.64	.00	110.62	.57	110.05	4.63	97.60	53.22	.00	1152.21	667.85	810.00
2510.000	4.65	.01	111.24	.60	110.64	4.63	97.60	53.84	.00	1275.31	745.65	810.00
2510.000	4.64	.02	112.71	.67	112.04	4.60	97.60	54.72	.00	1603.66	955.18	810.00
3141.500	4.35	.09	112.90	.75	112.15	4.15	101.53	94.01	.00	613.82	324.26	631.50
3141.500	4.48	.11	115.20	.94	114.27	4.22	101.53	95.68	.00	857.72	498.07	631.50
3141.500	4.52	.12	115.89	.99	114.89	4.25	101.53	96.66	.00	935.53	556.48	631.50
3141.500	4.64	.14	117.49	1.15	116.34	4.30	101.53	99.99	.00	1127.87	706.65	631.50
3192.500	.48	.03	113.41	.65	112.75	.61	101.72	78.15	.00	659.54	355.65	51.00
3192.500	.50	.03	115.74	.82	114.91	.64	101.72	81.13	.00	914.96	540.91	51.00
3192.500	.51	.03	116.43	.88	115.55	.66	101.72	82.21	.00	996.87	603.41	51.00
3192.500	.53	.04	118.05	1.01	117.04	.70	101.72	85.10	.00	1206.11	765.97	51.00
3193.500	.01	.17	113.58	.10	113.47	.72	101.07	43.90	120.00	1315.81	474.50	1.00
3193.500	.01	.21	115.95	.12	115.83	.92	101.07	37.68	120.00	1845.52	793.66	1.00
3193.500	.01	.22	116.66	.13	116.53	.98	101.07	36.67	120.00	2010.75	903.51	1.00
3193.500	.00	.26	118.32	.15	118.17	1.13	101.07	35.23	120.00	2419.70	1190.53	1.00
3206.500	.06	.00	113.63	.10	113.53	.06	101.07	42.71	120.00	1327.69	481.08	13.00
3206.500	.05	.00	116.00	.12	115.88	.05	101.07	37.02	120.00	1856.37	800.71	13.00
3206.500	.05	.00	116.70	.13	116.58	.05	101.07	36.08	120.00	2021.58	910.85	13.00
3206.500	.05	.00	118.36	.15	118.22	.05	101.07	34.76	120.00	2430.58	1198.43	13.00

SECNO	HL	GLOSS	EG	HV	CVSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
3207.500	.00	.18	113.82	.47	113.35	-.18	101.75	49.44	.00	759.91	447.14	1.00
3207.500	.00	.25	116.26	.63	115.63	-.25	101.75	53.84	.00	1030.26	664.01	1.00
3207.500	.00	.27	116.98	.68	116.31	-.27	101.75	55.03	.00	1118.02	737.53	1.00
3207.500	.00	.32	118.69	.79	117.90	-.32	101.75	57.79	.00	1342.70	929.53	1.00
3219.500	.11	.01	113.94	.49	113.45	.10	102.00	52.35	.00	743.61	434.51	12.00
3219.500	.13	.01	116.40	.65	115.75	.12	102.00	56.01	.00	1014.45	650.96	12.00
3219.500	.13	.01	117.12	.70	116.43	.12	102.00	57.17	.00	1101.55	723.57	12.00
3219.500	.14	.01	118.85	.82	118.03	.13	102.00	59.78	.00	1324.51	913.87	12.00
4180.000	3.39	.02	117.36	.25	117.11	3.65	106.50	26.92	.00	1056.64	590.15	960.50
4180.000	3.33	.04	119.76	.29	119.47	3.72	106.50	25.40	.00	1564.45	938.58	960.50
4180.000	3.31	.04	120.48	.30	120.18	3.75	106.50	24.99	.00	1732.84	1061.77	960.50
4180.000	3.28	.05	122.18	.32	121.86	3.82	106.50	24.21	.00	2155.54	1391.19	960.50
4428.300	.77	.00	116.13	.21	117.92	.82	107.00	37.14	.00	1262.33	502.46	248.30
4428.300	.65	.01	120.42	.19	120.23	.76	107.00	28.60	.00	1927.31	884.46	248.30
4428.300	.63	.01	121.12	.19	120.93	.75	107.00	26.96	.00	2140.23	1022.30	248.30
4428.300	.59	.01	122.78	.19	122.59	.73	107.00	24.21	.00	2669.80	1391.18	248.30
4506.500	.29	.01	118.43	.18	118.25	.33	107.00	30.96	.00	1352.98	550.28	78.20
4506.500	.24	.01	120.67	.17	120.49	.26	107.00	25.61	.00	2005.91	934.59	78.20
4506.500	.23	.00	121.35	.17	121.17	.24	107.00	24.47	.00	2216.38	1073.13	78.20
4506.500	.21	.00	122.99	.18	122.81	.22	107.00	22.46	.00	2742.44	1444.42	78.20
4507.500	.00	.00	118.44	.16	118.28	.03	107.00	47.04	132.00	1269.60	446.43	1.00
4507.500	.00	.01	120.67	.15	120.52	.03	107.00	33.67	132.00	1923.65	815.12	1.00
4507.500	.00	.01	121.36	.16	121.20	.03	107.00	31.28	132.00	2134.13	949.05	1.00
4507.500	.00	.01	122.99	.16	122.83	.02	107.00	27.31	132.00	2660.21	1309.71	1.00
4508.500	.00	.00	118.44	.16	118.28	.01	107.00	46.93	132.00	1270.68	446.98	1.00
4508.500	.00	.00	120.68	.15	120.52	.00	107.00	33.63	132.00	1924.55	815.68	1.00
4508.500	.00	.00	121.36	.16	121.20	.00	107.00	31.24	132.00	2135.00	949.61	1.00
4508.500	.00	.00	123.00	.16	122.84	.00	107.00	27.29	132.00	2661.03	1310.30	1.00
4509.500	.00	.01	118.45	.18	118.28	.00	107.00	30.39	.00	1362.65	555.47	1.00
4509.500	.00	.01	120.69	.17	120.52	-.01	107.00	25.26	.00	2016.12	941.17	1.00
4509.500	.00	.01	121.37	.17	121.20	-.01	107.00	24.16	.00	2226.51	1079.95	1.00
4509.500	.00	.01	123.01	.18	122.83	-.01	107.00	22.23	.00	2752.44	1451.80	1.00
4528.300	.08	.00	118.53	.17	118.36	.08	107.04	29.69	.00	1374.76	561.99	18.80
4528.300	.07	.00	120.76	.17	120.59	.07	107.04	24.97	.00	2024.60	946.64	18.80
4528.300	.07	.00	121.44	.17	121.27	.07	107.04	23.94	.00	2233.82	1084.89	18.80
4528.300	.06	.00	123.07	.18	122.89	.06	107.04	22.11	.00	2757.76	1455.73	18.80
6180.000	7.20	.09	125.83	.48	125.34	6.98	112.50	63.27	.00	805.44	384.97	1652.00
6180.000	6.82	.12	127.69	.57	127.13	6.54	112.50	67.35	.00	1155.65	576.36	1652.00
6180.000	6.69	.12	128.25	.58	127.67	6.40	112.50	67.75	.00	1273.58	644.88	1652.00
6180.000	6.41	.13	129.62	.62	129.00	6.10	112.50	67.42	.00	1586.60	833.66	1652.00

11/24/85

18:50:49

SECNO	HL	OLSS	EG	HV	CNSL	DIFRSX	ELMIN	10K'S	ELLC	AREA	.01K	XLCH
6847.500	3.43	.01	129.28	.53	128.75	3.40	116.73	43.45	.00	630.12	464.53	667.00
6847.500	4.00	.07	131.77	.81	130.95	3.83	116.73	54.13	.00	809.02	642.90	667.00
6847.500	4.13	.10	132.48	.90	131.58	3.91	116.73	57.22	.00	867.53	701.71	667.00
6847.500	4.39	.15	134.16	1.13	133.04	4.04	116.73	64.49	.00	1049.21	852.38	667.00
6970.500	.64	.13	130.04	.78	129.26	.51	117.70	61.73	.00	431.18	389.73	123.00
6970.500	.68	.02	132.47	.86	131.61	.66	117.70	58.99	.00	782.53	615.87	123.00
6970.500	.71	.03	133.22	.96	132.27	.69	117.70	61.86	.00	839.86	674.86	123.00
6970.500	.79	.02	134.98	1.17	133.80	.77	117.70	67.92	.00	1020.73	830.58	123.00
6993.500	1.62	.00	131.66	.39	131.27	2.01	117.70	28.11	128.55	750.00	577.54	23.00
6993.500	2.26	.00	134.73	.52	134.21	2.60	117.70	29.95	128.55	1076.74	864.35	23.00
6993.500	2.18	.00	135.40	.58	134.82	2.56	117.70	32.08	128.55	1177.96	937.22	23.00
6993.500	1.76	.00	136.74	.75	135.99	2.18	117.70	39.41	128.55	1402.33	1090.34	23.00
7023.000	.09	.00	131.75	.39	131.36	.09	117.90	28.06	.00	745.13	578.05	30.00
7023.000	.10	.00	134.83	.53	134.30	.09	117.90	29.96	.00	1064.84	864.17	30.00
7023.000	.10	.00	135.51	.58	134.92	.10	117.90	32.06	.00	1165.10	937.38	30.00
7023.000	.13	.00	136.87	.76	136.11	.13	117.90	39.26	.00	1390.01	1092.42	30.00
8473.000	6.62	.10	138.47	.72	137.76	6.40	125.30	63.91	.00	562.93	349.74	1450.00
8473.000	6.33	.07	141.23	.77	140.45	6.15	125.30	58.18	.00	882.81	563.87	1450.00
8473.000	5.41	.06	141.98	.79	141.19	6.27	125.30	57.35	.00	994.36	635.47	1450.00
8473.000	5.83	.02	143.73	.84	142.89	6.78	125.30	56.18	.00	1266.28	827.17	1450.00

B

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QWEIR	QLOB	QCH	QROB	Q	CVSEL
.010	.00	.00	.00	.00	.00	.00	.00	.02	3222.49	118.48	3341.00	88.12
.010	.00	.00	.00	.00	.00	.00	.00	297.93	4295.56	590.50	5184.00	93.26
.010	.00	.00	.00	.00	.00	.00	.00	404.59	4693.18	727.23	5825.00	93.95
.010	.00	.00	.00	.00	.00	.00	.00	749.16	5642.95	1141.89	7534.00	95.66
1700.000	.00	.00	.00	.00	.00	.00	.00	570.45	2128.64	444.91	3144.00	103.88
1700.000	.00	.00	.00	.00	.00	.00	.00	1115.27	2959.41	797.32	4872.00	105.41
1700.000	.00	.00	.00	.00	.00	.00	.00	1335.40	3199.58	1936.01	5471.00	106.01
1700.000	.00	.00	.00	.00	.00	.00	.00	1935.54	3803.56	1326.90	7066.00	107.44
2510.000	.00	.00	.00	.00	.00	.00	.00	425.14	2170.77	548.09	3144.00	108.00
2510.000	.00	.00	.00	.00	.00	.00	.00	842.06	3050.40	979.54	4872.00	110.05
2510.000	.00	.00	.00	.00	.00	.00	.00	991.63	3329.93	1149.44	5471.00	110.64
2510.000	.00	.00	.00	.00	.00	.00	.00	1395.42	4020.51	1650.06	7066.00	112.04
3141.500	.00	.00	.00	.00	.00	.00	.00	631.35	2111.10	401.55	3144.00	112.15
3141.500	.00	.00	.00	.00	.00	.00	.00	1144.33	2982.31	745.36	4872.00	114.27
3141.500	.00	.00	.00	.00	.00	.00	.00	1331.82	3269.77	869.41	5471.00	114.89
3141.500	.00	.00	.00	.00	.00	.00	.00	1850.17	4007.62	1209.20	7066.00	116.34
3192.500	.00	.00	.00	.00	.00	.00	.00	654.92	2069.38	419.70	3144.00	112.75
3192.500	.00	.00	.00	.00	.00	.00	.00	1175.38	2929.67	766.95	4872.00	114.91
3192.500	.00	.00	.00	.00	.00	.00	.00	1365.70	3213.02	892.28	5471.00	115.55
3192.500	.00	.00	.00	.00	.00	.00	.00	1895.16	3934.74	1236.09	7066.00	117.04
3193.500	120.00	105.86	.00	.00	.00	.00	.00	1066.07	819.32	1258.62	3144.00	113.47
3193.500	120.00	105.86	.00	.00	.00	.00	.00	1742.27	1133.40	1996.32	4872.00	115.83
3193.500	120.00	105.86	.00	.00	.00	.00	.00	1981.98	1238.49	2250.53	5471.00	116.53
3193.500	120.00	105.86	.00	.00	.00	.00	.00	2627.87	1511.24	2926.88	7066.00	118.17
3206.500	120.00	105.86	.00	.00	.00	.00	.00	1067.74	816.68	1259.58	3144.00	113.53
3206.500	120.00	105.86	.00	.00	.00	.00	.00	1743.73	1131.32	1996.94	4872.00	115.88
3206.500	120.00	105.86	.00	.00	.00	.00	.00	1983.58	1236.39	2251.03	5471.00	116.58
3206.500	120.00	105.86	.00	.00	.00	.00	.00	2629.44	1509.22	2927.34	7066.00	118.22
3207.500	.00	.00	.00	.00	.00	.00	.00	629.97	2080.65	433.37	3144.00	113.35
3207.500	.00	.00	.00	.00	.00	.00	.00	1103.73	3002.36	765.91	4872.00	115.63
3207.500	.00	.00	.00	.00	.00	.00	.00	1278.94	3305.12	886.94	5471.00	116.31
3207.500	.00	.00	.00	.00	.00	.00	.00	1767.88	4075.67	1222.44	7066.00	117.90
3219.500	.00	.00	.00	.00	.00	.00	.00	623.97	2091.30	428.73	3144.00	113.45
3219.500	.00	.00	.00	.00	.00	.00	.00	1097.33	3013.28	761.39	4872.00	115.75
3219.500	.00	.00	.00	.00	.00	.00	.00	1271.45	3317.55	881.99	5471.00	116.43
3219.500	.00	.00	.00	.00	.00	.00	.00	1759.43	4089.82	1216.75	7066.00	118.03

SECNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QWEIR	QLOB	QCH	QROB	Q	CMSEL
4180.000	.00	.00	.00	.00	.00	.00	.00	702.27	2078.20	281.53	3062.00	117.11
4180.000	.00	.00	.00	.00	.00	.00	.00	1244.32	2880.20	605.48	4730.00	119.47
4180.000	.00	.00	.00	.00	.00	.00	.00	1443.24	3135.58	729.18	5308.00	120.18
4180.000	.00	.00	.00	.00	.00	.00	.00	1991.65	3776.47	1076.88	6845.00	121.86
4428.300	.00	.00	.00	.00	.00	.00	.00	916.91	1379.23	565.86	3062.00	117.92
4428.300	.00	.00	.00	.00	.00	.00	.00	1715.68	1995.05	1019.26	4730.00	120.23
4428.300	.00	.00	.00	.00	.00	.00	.00	1994.04	2131.30	1182.66	5308.00	120.93
4428.300	.00	.00	.00	.00	.00	.00	.00	2731.32	2487.08	1626.60	6845.00	122.59
4506.500	.00	.00	.00	.00	.00	.00	.00	952.79	1526.83	582.39	3062.00	118.25
4506.500	.00	.00	.00	.00	.00	.00	.00	1739.72	1957.67	1032.61	4730.00	120.49
4506.500	.00	.00	.00	.00	.00	.00	.00	2015.52	2097.13	1195.35	5308.00	121.17
4506.500	.00	.00	.00	.00	.00	.00	.00	2748.32	2458.01	1638.67	6845.00	122.81
4507.500	132.00	107.96	.00	.00	.00	.00	.00	1185.60	1162.73	713.68	3062.00	118.28
4507.500	132.00	107.96	.00	.00	.00	.00	.00	2008.56	1539.32	1182.12	4730.00	120.52
4507.500	132.00	107.96	.00	.00	.00	.00	.00	2293.16	1664.66	1350.18	5308.00	121.20
4507.500	132.00	107.96	.00	.00	.00	.00	.00	3045.66	1992.72	1806.62	6845.00	122.83
4508.500	132.00	107.96	.00	.00	.00	.00	.00	1185.88	1162.34	713.78	3062.00	118.28
4508.500	132.00	107.96	.00	.00	.00	.00	.00	2008.73	1539.05	1182.22	4730.00	120.52
4508.500	132.00	107.96	.00	.00	.00	.00	.00	2293.30	1664.43	1350.27	5308.00	121.20
4508.500	132.00	107.96	.00	.00	.00	.00	.00	3045.77	1992.52	1806.71	6845.00	122.84
4509.500	.00	.00	.00	.00	.00	.00	.00	956.38	1521.57	584.05	3062.00	118.28
4509.500	.00	.00	.00	.00	.00	.00	.00	1742.71	1953.00	1034.29	4730.00	120.52
4509.500	.00	.00	.00	.00	.00	.00	.00	2018.27	2092.74	1196.99	5308.00	121.20
4509.500	.00	.00	.00	.00	.00	.00	.00	2750.58	2454.11	1640.31	6845.00	122.83
4528.300	.00	.00	.00	.00	.00	.00	.00	960.81	1515.07	586.12	3062.00	118.36
4528.300	.00	.00	.00	.00	.00	.00	.00	1745.17	1949.14	1035.68	4730.00	120.59
4528.300	.00	.00	.00	.00	.00	.00	.00	2020.23	2089.57	1198.20	5308.00	121.27
4528.300	.00	.00	.00	.00	.00	.00	.00	2751.78	2452.05	1641.17	6845.00	122.89
6180.000	.00	.00	.00	.00	.00	.00	.00	517.50	2096.44	448.06	3062.00	125.34
6180.000	.00	.00	.00	.00	.00	.00	.00	965.58	2803.52	960.90	4730.00	127.13
6180.000	.00	.00	.00	.00	.00	.00	.00	1131.40	3020.60	1156.01	5308.00	127.67
6180.000	.00	.00	.00	.00	.00	.00	.00	1595.42	3546.92	1702.66	6845.00	129.00
6847.500	.00	.00	.00	.00	.00	.00	.00	256.04	2751.38	54.58	3062.00	128.75
6847.500	.00	.00	.00	.00	.00	.00	.00	492.94	4131.98	105.08	4730.00	130.95
6847.500	.00	.00	.00	.00	.00	.00	.00	597.68	4582.44	127.88	5308.00	131.58
6847.500	.00	.00	.00	.00	.00	.00	.00	911.66	5723.16	210.17	6845.00	133.04
6970.500	.00	.00	.00	.00	.00	.00	.00	.00	3062.00	.00	3062.00	129.26
6970.500	.00	.00	.00	.00	.00	.00	.00	479.39	4148.42	102.19	4730.00	131.61
6970.500	.00	.00	.00	.00	.00	.00	.00	576.97	4607.97	123.07	5308.00	132.27
6970.500	.00	.00	.00	.00	.00	.00	.00	891.92	5750.62	202.46	6845.00	133.80

SECNO	ELLC	ELTRD	EGLWC	EGRPS	CLASS	QPR	QNETR	QLOB	QCH	QROB	Q	CMSEL
6993.500	128.55	130.48	130.06	131.73	30.00	3017.00	46.03	306.11	2690.64	65.25	3062.00	131.27
6993.500	128.55	130.48	132.47	137.51	30.00	3437.86	1278.11	653.95	3922.53	153.53	4730.00	134.21
6993.500	128.55	130.48	133.22	139.70	30.00	3443.06	1880.56	783.95	4328.76	195.28	5308.00	134.82
6993.500	128.55	130.48	134.98	146.17	30.00	3333.92	3514.69	1139.08	5384.56	321.36	6845.00	135.99
7023.000	.00	.00	.00	.00	.00	.00	.00	.00	2700.91	63.45	3062.00	131.36
7023.000	.00	.00	.00	.00	.00	.00	.00	.00	3944.48	148.22	4730.00	134.30
7023.000	.00	.00	.00	.00	.00	.00	.00	.00	4354.06	188.68	5308.00	134.92
7023.000	.00	.00	.00	.00	.00	.00	.00	.00	5416.63	312.17	6845.00	136.11
8473.000	.00	.00	.00	.00	.00	.00	.00	.00	2301.51	232.20	2796.00	137.76
8473.000	.00	.00	.00	.00	.00	.00	.00	.00	3121.44	560.55	4301.00	140.45
8473.000	.00	.00	.00	.00	.00	.00	.00	.00	3372.17	698.05	4820.00	141.19
8473.000	.00	.00	.00	.00	.00	.00	.00	.00	3995.45	1095.48	6200.00	142.89

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECNO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
.010	.00	75.80	88.12	.00	5330.91	5335.00	5407.00	5443.46	112.55	108.00	88.00	84.00
.010	.00	75.80	93.26	.00	5228.12	5335.00	5407.00	5519.14	291.02	108.00	88.00	84.00
.010	.00	75.80	93.95	.00	5213.48	5335.00	5407.00	5531.19	317.71	108.00	88.00	84.00
.010	.00	75.80	95.66	.00	5177.13	5335.00	5407.00	5548.64	371.51	108.00	88.00	84.00
1700.000	3200.00	92.60	103.88	.00	5096.10	5193.00	5227.00	5281.39	185.29	124.00	98.20	97.00
1700.000	3200.00	92.60	105.41	.00	5088.64	5193.00	5227.00	5292.59	203.95	124.00	98.20	97.00
1700.000	3200.00	92.60	106.01	.00	5085.95	5193.00	5227.00	5297.09	211.14	124.00	98.20	97.00
1700.000	3200.00	92.60	107.44	.00	5079.49	5193.00	5227.00	5307.85	228.36	124.00	98.20	97.00
2510.000	810.00	97.60	108.00	.00	5065.06	5125.00	5160.00	5214.94	149.88	120.00	100.00	98.00
2510.000	810.00	97.60	110.05	.00	5057.35	5125.00	5160.00	5258.37	201.02	120.00	100.00	98.00
2510.000	810.00	97.60	110.64	.00	5055.13	5125.00	5160.00	5270.92	215.79	120.00	100.00	98.00
2510.000	810.00	97.60	112.04	.00	5049.81	5125.00	5160.00	5300.29	250.48	120.00	100.00	98.00
3141.500	631.50	101.53	112.15	.00	4969.29	5017.00	5044.00	5076.36	107.07	120.00	105.36	105.13
3141.500	631.50	101.53	114.27	.00	4958.68	5017.00	5044.00	5081.66	122.98	120.00	105.36	105.13
3141.500	631.50	101.53	114.89	.00	4955.58	5017.00	5044.00	5083.21	127.63	120.00	105.36	105.13
3141.500	631.50	101.53	116.34	.00	4949.17	5017.00	5044.00	5086.83	137.65	120.00	105.36	105.13
3192.500	51.00	101.72	112.75	.00	4967.18	5017.00	5044.00	5077.41	110.23	120.19	105.55	105.32
3192.500	51.00	101.72	114.91	.00	4956.39	5017.00	5044.00	5082.81	126.42	120.19	105.55	105.32
3192.500	51.00	101.72	115.55	.00	4953.21	5017.00	5044.00	5084.40	131.19	120.19	105.55	105.32
3192.500	51.00	101.72	117.04	.00	4947.87	5017.00	5044.00	5088.13	140.25	120.19	105.55	105.32
3193.500	1.00	101.07	113.47	120.00	4902.61	4996.50	5023.50	5118.69	216.08	120.00	105.54	105.31
3193.500	1.00	101.07	115.83	120.00	4890.83	4996.50	5023.50	5124.58	233.75	120.00	105.54	105.31
3193.500	1.00	101.07	116.53	120.00	4887.35	4996.50	5023.50	5127.65	240.31	120.00	105.54	105.31
3193.500	1.00	101.07	118.17	120.00	4879.12	4996.50	5023.50	5135.88	256.76	120.00	105.54	105.31
3206.500	13.00	101.07	113.53	120.00	4902.34	4996.50	5023.50	5118.83	216.50	120.00	105.54	105.31
3206.500	13.00	101.07	115.88	120.00	4890.60	4996.50	5023.50	5124.70	234.10	120.00	105.54	105.31
3206.500	13.00	101.07	116.58	120.00	4887.12	4996.50	5023.50	5127.88	240.76	120.00	105.54	105.31
3206.500	13.00	101.07	118.22	120.00	4878.91	4996.50	5023.50	5136.09	257.18	120.00	105.54	105.31
3207.500	1.00	101.75	113.35	.00	4953.23	5000.00	5030.00	5063.38	110.15	120.00	104.00	104.00
3207.500	1.00	101.75	115.63	.00	4941.84	5000.00	5030.00	5069.08	127.23	120.00	104.00	104.00
3207.500	1.00	101.75	116.31	.00	4938.47	5000.00	5030.00	5071.53	133.07	120.00	104.00	104.00
3207.500	1.00	101.75	117.90	.00	4930.50	5000.00	5030.00	5079.50	149.00	120.00	104.00	104.00
3219.500	12.00	102.00	113.45	.00	4953.98	5000.00	5030.00	5063.01	109.04	120.25	104.25	104.25
3219.500	12.00	102.00	115.75	.00	4942.47	5000.00	5030.00	5068.77	126.30	120.25	104.25	104.25
3219.500	12.00	102.00	116.43	.00	4939.09	5000.00	5030.00	5070.91	131.82	120.25	104.25	104.25
3219.500	12.00	102.00	118.03	.00	4931.11	5000.00	5030.00	5078.89	147.77	120.25	104.25	104.25

SECCO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
4180.000	960.50	106.50	117.11	.00	5175.94	5263.00	5307.00	5372.53	196.60	132.00	108.00	108.00
4180.000	960.50	106.50	119.47	.00	5151.53	5263.00	5307.00	5384.37	232.83	132.00	108.00	108.00
4180.000	960.50	106.50	120.18	.00	5144.97	5263.00	5307.00	5387.90	242.93	132.00	108.00	108.00
4180.000	960.50	106.50	121.86	.00	5135.32	5263.00	5307.00	5396.29	260.97	132.00	108.00	108.00
4428.300	248.30	107.00	117.92	.00	4839.03	4990.60	5024.80	5111.29	272.26	132.00	111.47	111.47
4428.300	248.30	107.00	120.23	.00	4824.18	4990.60	5024.80	5126.55	302.37	132.00	111.47	111.47
4428.300	248.30	107.00	120.93	.00	4821.75	4990.60	5024.80	5131.77	310.02	132.00	111.47	111.47
4428.300	248.30	107.00	122.59	.00	4815.94	4990.60	5024.80	5144.21	328.27	132.00	111.47	111.47
4506.500	78.20	107.00	118.25	.00	4836.80	4990.60	5024.80	5113.44	276.64	132.00	111.47	111.47
4506.500	78.20	107.00	120.49	.00	4823.28	4990.60	5024.80	5128.50	305.22	132.00	111.47	111.47
4506.500	78.20	107.00	121.17	.00	4820.89	4990.60	5024.80	5133.60	312.71	132.00	111.47	111.47
4506.500	78.20	107.00	122.81	.00	4815.17	4990.60	5024.80	5145.87	330.70	132.00	111.47	111.47
4507.500	1.00	107.00	118.28	132.00	4836.63	4990.60	5024.80	5113.60	276.97	132.00	111.47	111.47
4507.500	1.00	107.00	120.52	132.00	4823.18	4990.60	5024.80	5128.69	305.51	132.00	111.47	111.47
4507.500	1.00	107.00	121.20	132.00	4820.80	4990.60	5024.80	5133.80	313.00	132.00	111.47	111.47
4507.500	1.00	107.00	122.83	132.00	4815.08	4990.60	5024.80	5146.05	330.97	132.00	111.47	111.47
4508.500	1.00	107.00	118.28	132.00	4836.60	4990.60	5024.80	5113.63	277.02	132.00	111.47	111.47
4508.500	1.00	107.00	120.52	132.00	4823.17	4990.60	5024.80	5128.72	305.54	132.00	111.47	111.47
4508.500	1.00	107.00	121.20	132.00	4820.79	4990.60	5024.80	5133.82	313.03	132.00	111.47	111.47
4508.500	1.00	107.00	122.84	132.00	4815.07	4990.60	5024.80	5146.07	331.00	132.00	111.47	111.47
4509.500	1.00	107.00	118.28	.00	4836.56	4990.60	5024.80	5113.66	277.10	132.00	111.47	111.47
4509.500	1.00	107.00	120.52	.00	4823.16	4990.60	5024.80	5128.75	305.59	132.00	111.47	111.47
4509.500	1.00	107.00	121.20	.00	4820.70	4990.60	5024.80	5133.85	313.07	132.00	111.47	111.47
4509.500	1.00	107.00	122.83	.00	4815.06	4990.60	5024.80	5146.09	331.03	132.00	111.47	111.47
4528.300	18.80	107.04	118.36	.00	4836.27	4990.60	5024.80	5113.95	277.68	132.04	111.51	111.51
4528.300	18.80	107.04	120.59	.00	4823.06	4990.60	5024.80	5128.95	305.89	132.04	111.51	111.51
4528.300	18.80	107.04	121.27	.00	4820.70	4990.60	5024.80	5134.02	313.33	132.04	111.51	111.51
4528.300	18.80	107.04	122.89	.00	4815.01	4990.60	5024.80	5146.22	331.21	132.04	111.51	111.51
6180.000	1652.00	112.50	125.34	.00	5166.43	5232.00	5262.00	5347.10	180.68	136.10	118.00	118.20
6180.000	1652.00	112.50	127.13	.00	5152.19	5232.00	5262.00	5364.70	212.51	136.10	118.00	118.20
6180.000	1652.00	112.50	127.67	.00	5147.14	5232.00	5262.00	5369.93	222.78	136.10	118.00	118.20
6180.000	1652.00	112.50	129.00	.00	5133.05	5232.00	5262.00	5382.69	249.65	136.10	118.00	118.20
6847.500	667.00	116.73	128.75	.00	4966.85	4995.99	5035.72	5043.80	76.95	139.03	119.03	119.03
6847.500	667.00	116.73	130.95	.00	4960.24	4995.99	5035.72	5045.63	85.39	139.03	119.03	119.03
6847.500	667.00	116.73	131.58	.00	4950.41	4995.99	5035.72	5053.24	102.83	139.03	119.03	119.03
6847.500	667.00	116.73	133.04	.00	4925.06	4995.99	5035.72	5073.15	148.09	139.03	119.03	119.03
6970.500	123.00	117.70	129.26	.00	4995.99	4995.99	5035.72	5035.72	39.73	140.00	120.00	120.00
6970.500	123.00	117.70	131.61	.00	4961.18	4995.99	5035.72	5045.37	84.20	140.00	120.00	120.00
6970.500	123.00	117.70	132.27	.00	4955.32	4995.99	5035.72	5049.38	94.05	140.00	120.00	120.00
6970.500	123.00	117.70	133.80	.00	4928.50	4995.99	5035.72	5070.45	141.95	140.00	120.00	120.00

SECNO	XLCH	ELMIN	CVSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPHD	TELMX	XLSEL	RBEL
6993.500	23.00	117.70	131.27	128.55	4962.18	4995.99	5035.72	5045.10	82.92	140.00	120.00	120.00
6993.500	23.00	117.70	134.21	128.55	4921.35	4995.99	5035.72	5076.07	154.72	140.00	120.00	120.00
6993.500	23.00	117.70	134.82	128.55	4910.57	4995.99	5035.72	5084.54	173.96	140.00	120.00	120.00
6993.500	23.00	117.70	135.99	128.55	4890.14	4995.99	5035.72	5100.59	210.44	140.00	120.00	120.00
7023.000	30.00	117.90	131.36	.00	4962.52	4995.99	5035.72	5045.00	82.48	140.20	120.20	120.20
7023.000	30.00	117.90	134.30	.00	4923.24	4995.99	5035.72	5074.59	151.35	140.20	120.20	120.20
7023.000	30.00	117.90	134.92	.00	4912.34	4995.99	5035.72	5083.14	170.80	140.20	120.20	120.20
7023.000	30.00	117.90	136.11	.00	4891.56	4995.99	5035.72	5099.48	207.92	140.20	120.20	120.20
8473.000	1450.00	125.30	137.76	.00	5043.40	5083.00	5110.00	5147.40	104.00	148.00	128.00	128.00
8473.000	1450.00	125.30	140.45	.00	5032.72	5083.00	5110.00	5170.99	138.26	148.00	128.00	128.00
8473.000	1450.00	125.30	141.19	.00	5029.04	5083.00	5110.00	5177.43	148.39	148.00	128.00	128.00
8473.000	1450.00	125.30	142.89	.00	5020.55	5083.00	5110.00	5192.29	171.75	148.00	128.00	128.00

THIS RUN EXECUTED 11/23/85 10:34:43

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

C
 T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SHOKY.HEC ENG: SKE EA: KYC & EKL COM# 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 10-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FR
	0.	4.	0.	0.	.000000	.00	.0	0.	93.950	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FH	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	110.000	200.000	.000	.000	.000	.000	.000	.000	.000	.000
J6	IHLER	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	5.000	3341.000	5184.000	5825.000	7534.000	5825.000				
NC	.150	.150	.075	.100	.300	.000				
ET	.000	.000	.000	.000	.000	10.410				

FIELD 1 OF THE X1 CARD IS THE DISTANCE ABOVE THE COUNTY LINE

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATION ABOVE SEA LEVEL. ELEVATIONS ADJUSTED FOR PROGRAM.

CROSS SECTION: SMA
 SMA LIES 1500 DOWNSTREAM OF THE COUNTY LINE

X1	.010	25.000	5335.000	5407.000	.000	.000	.000	.000	.000	.000
GR	108.000	5000.000	104.000	5080.000	100.000	5120.000	96.000	5170.000	92.000	5255.000
GR	89.000	5300.000	89.000	5335.000	84.000	5345.000	80.000	5355.000	77.100	5365.000
GR	75.800	5370.000	75.900	5377.000	77.100	5384.000	78.500	5392.000	80.000	5397.000
GR	84.000	5407.000	85.000	5422.000	88.000	5442.000	90.000	5467.000	92.000	5497.000
GR	94.000	5532.000	96.000	5552.000	100.000	5567.000	104.000	5577.000	108.000	5592.000
QT	5.000	3144.000	4872.000	5471.000	7066.000	5471.000	.000	.000	.000	.000

CROSS SECTION: SMB

X1	1700.000	28.000	5193.000	5227.000	3160.000	3125.000	3200.000	.000	.000	.000
GR	124.000	5000.000	120.000	5025.000	116.000	5040.000	112.000	5045.000	108.000	5077.000
GR	104.000	5095.000	102.000	5113.000	100.000	5150.000	100.000	5150.100	100.000	5150.200
GR	98.200	5193.000	93.800	5200.000	93.000	5203.000	92.900	5208.000	92.600	5218.000
GR	93.000	5223.000	97.000	5227.000	100.000	5261.900	100.000	5262.000	104.000	5282.000
GR	106.000	5297.000	108.000	5312.000	112.000	5332.000	113.000	5352.000	114.000	5387.000
GR	116.000	5412.000	120.000	5437.000	124.000	5462.000	.000	.000	.000	.000
X1	2510.000	17.000	5125.000	5160.000	785.000	885.000	810.000	.000	.000	.000
GR	120.000	5000.000	116.000	5030.000	112.000	5050.000	108.000	5065.000	104.000	5100.000
GR	100.000	5125.000	98.800	5135.000	98.000	5137.800	97.900	5143.600	97.600	5154.400
GR	98.000	5160.000	100.000	5175.000	104.000	5180.000	108.000	5215.000	112.000	5300.000
GR	116.000	5330.000	120.000	5350.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.075	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4983.000	5063.000

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3141.500	22.000	5017.000	5044.000	660.000	575.000	631.500	.000	.000	.000
GR	124.000	4920.000	120.000	4940.000	116.000	4950.000	112.000	4970.000	108.000	4990.000
GR	108.000	4990.010	108.000	4990.020	105.180	5000.000	105.380	5010.000	105.360	5017.000
GR	102.570	5021.500	102.230	5026.500	102.030	5031.500	101.530	5036.000	102.570	5040.000
GR	105.130	5044.000	106.580	5054.000	107.590	5064.000	108.000	5066.000	112.000	5076.000
GR	116.000	5086.000	120.000	5096.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.100	.000	.000	4985.000	5063.000
X1	3192.500	.000	.000	.000	43.000	100.000	51.000	.000	.190	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.300	105.860	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4960.000	5039.000

BRIDGE #1, DIRT ROAD

WIDTH: 13 FEET
ELLCC: 105.14

X1	3193.500	28.000	4996.500	5023.500	1.000	1.000	1.000	.000	.000	.000
BT	-28.000	4870.000	120.000	120.000	4890.000	116.000	116.000	4910.000	112.000	112.000
BT	.000	4920.000	108.000	108.000	4950.000	107.570	107.570	4975.000	106.680	106.680
BT	.000	4979.500	106.600	105.180	4989.500	106.420	105.560	4995.000	106.330	105.540
BT	.000	4996.500	106.300	105.540	5000.000	106.240	103.370	5000.990	106.240	102.750
BT	.000	5001.000	106.240	105.010	5007.000	106.230	105.110	5012.600	106.370	105.170
BT	.000	5014.000	106.410	105.190	5015.000	106.430	105.190	5018.000	106.160	105.220
BT	.000	5018.010	106.160	104.810	5023.500	106.250	105.310	5040.000	106.520	106.520
BT	.000	5065.000	105.860	105.860	5085.000	108.000	108.000	5108.500	109.400	109.400
BT	.000	5115.000	112.000	112.000	5117.500	113.000	113.000	5125.000	116.000	116.000
BT	.000	5145.000	120.000	120.000	.000	.000	.000	.000	.000	.000
GR	120.000	4870.000	116.000	4890.000	112.000	4910.000	108.000	4920.000	107.570	4950.000
GR	106.680	4979.500	105.180	4979.500	105.560	4989.500	105.540	4995.000	105.540	4996.500
GR	103.370	5000.000	102.750	5000.990	102.750	5001.000	101.070	5007.000	102.750	5012.600
GR	102.070	5014.000	102.760	5015.000	104.810	5018.000	104.810	5018.010	105.310	5023.500

GR	106.520	5040.000	105.860	5065.000	108.000	5085.000	109.400	5108.500	112.000	5115.000
GR	113.000	5117.500	116.000	5125.000	120.000	5145.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4960.000	5039.000
X1	3206.500	.000	.000	.000	13.000	13.000	13.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.100	.000	.000	4955.000	5045.000
X1	3207.500	14.000	5000.000	5030.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.230	106.420	.000
GR	120.000	4920.000	116.000	4940.000	112.000	4960.000	198.000	4970.000	104.000	5000.000
GR	102.080	5011.000	102.500	5019.500	102.910	5022.500	101.750	5023.000	104.000	5030.000
GR	108.000	5050.000	112.000	5060.000	116.000	5070.000	120.000	5090.000	.000	.000

END BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3219.500	.000	.000	.000	68.000	3.000	12.000	.000	.250	.000
QT	5.000	3062.000	4730.000	5308.000	6845.000	5308.000	.000	.000	.000	.000
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.410	.000	.000	.000	.000

CROSS SECTION: SMC

X1	4180.000	26.000	5263.000	5307.000	890.000	1025.000	960.500	.000	.000	.000
GR	132.000	5000.000	129.000	5035.000	128.000	5063.000	126.000	5098.000	124.000	5123.000
GR	120.000	5146.000	118.000	5167.000	116.000	5187.000	114.000	5200.000	112.000	5225.000
GR	110.000	5240.000	108.000	5263.000	107.000	5268.000	106.600	5272.000	106.700	5277.000
GR	106.500	5282.000	107.000	5287.000	108.000	5307.000	112.000	5317.000	113.000	5332.000
GR	116.000	5352.000	117.000	5372.000	120.000	5387.000	124.000	5407.000	128.000	5422.000
GR	132.000	5442.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	20.410	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1	4428.300	20.000	4990.600	5024.800	235.000	240.000	248.300	.000	.000	.000
GR	132.000	4775.000	128.000	4797.000	124.000	4811.000	120.000	4825.000	116.000	4852.000
GR	111.470	4990.600	108.530	4993.600	107.960	5000.000	107.960	5000.010	107.000	5009.900
GR	108.510	5016.800	109.360	5019.800	111.470	5024.800	111.360	5036.800	111.590	5036.810
GR	116.000	5098.800	120.000	5124.800	124.000	5154.800	128.000	5169.800	132.000	5201.800
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000

BRIDGE #1A, ABANDON PIER WIDTH: 1 FOOT
ELLC: 115.89

X1	4506.500	.000	.000	.000	125.000	43.000	78.200	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	115.880	115.890	.000

X1	4507.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-20.000	4775.000	132.000	132.000	4797.000	128.000	128.000	4811.000	124.000	124.000
BT	.000	4825.000	120.000	120.000	4852.000	116.000	116.000	4990.600	111.470	111.470
BT	.000	4993.600	108.520	108.520	5000.000	107.960	107.960	5000.010	111.820	107.960
BT	.000	5009.900	111.840	107.000	5016.800	111.850	108.510	5019.800	111.860	109.360
BT	.000	5024.800	111.780	111.470	5036.800	111.590	111.360	5036.810	111.590	111.590
BT	.000	5098.800	116.000	116.000	5124.800	120.000	120.000	5154.800	124.000	124.000
BT	.000	5169.800	128.000	128.000	5201.800	132.000	132.000	.000	.000	.000

X1	4508.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

X1	4509.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	115.880	115.890	.000

ET	.000	.000	.000	.000	.000	9.100	.000	.000	4897.000	5057.000
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END BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1	4528.300	.000	.000	.000	43.000	16.000	18.800	.000	.040	.000
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NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.110	.000	.000	5172.000	5332.000

CROSS SECTION: SMD SURVEY BY HSM+M

X1	6180.000	18.000	5232.000	5262.000	1810.000	1485.000	1652.000	.000	2.000	.000
GR	135.100	5000.000	132.800	5050.000	130.100	5100.000	125.400	5150.000	122.900	5170.000
GR	119.600	5200.000	116.000	5232.000	113.500	5242.000	110.500	5250.000	110.900	5258.000
GR	116.200	5262.000	118.800	5269.000	120.000	5300.000	122.200	5334.000	123.600	5350.000
GR	128.790	5400.000	131.500	5444.000	134.100	5500.000	.000	.000	.000	.000

ET	.000	.000	.000	.000	.000	9.100	.000	.000	4965.000	5045.000
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BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #2

X1	6715.500	12.000	4995.990	5035.720	650.000	685.000	667.000	.000	.970	.000
GR	140.000	4865.000	135.000	4890.000	132.000	4960.000	120.000	4995.990	118.060	5003.500
GR	117.700	5007.000	117.900	5017.000	118.060	5025.000	120.000	5035.720	132.000	5045.700
GR	136.000	5100.700	140.000	5125.700	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	9.100	.000	.000	4965.000	5045.000

X1	6838.500	.000	.000	.000	95.000	130.000	123.000	.300	.970	.000
X3	10.000	.000	.000	.000	.000	.000	.000	130.480	131.240	.000

SB	1.050	1.560	2.500	.000	25.000	.010	303.000	.270	117.700	117.700
ET	.000	.000	.000	.000	.000	9.110	.000	.000	4965.000	5045.000

BRIDGE #2, SR 1134

WIDTH: 21 FEET
 ELLC: 128.55

X1	6839.500	25.000	4995.990	5035.720	23.000	23.000	23.000	.000	.000	.000
X2	.000	.000	1.000	128.550	130.480	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	130.480	131.240	.000
BT	-21.000	4865.000	140.000	140.000	4890.000	136.000	136.000	4960.000	132.000	132.000
BT	.000	4995.990	130.480	120.000	5000.000	130.480	120.000	5000.010	133.140	128.000
BT	.000	5000.300	133.150	128.100	5001.000	133.160	128.110	5003.490	133.160	128.110
BT	.000	5007.000	133.260	128.190	5017.000	133.440	128.320	5025.000	133.580	128.430
BT	.000	5030.000	133.670	128.490	5034.500	133.750	128.550	5034.510	133.750	128.550
BT	.000	5035.700	133.770	128.550	5035.710	131.240	128.550	5035.720	131.240	120.000
BT	.000	5045.700	132.000	132.000	5100.700	136.000	136.000	5125.700	140.000	140.000
GR	140.000	4865.000	136.000	4890.000	132.000	4960.000	120.000	4995.990	120.000	5000.000
GR	120.000	5000.010	120.000	5000.020	120.000	5000.030	119.830	5000.300	119.450	5001.000
GR	118.060	5003.490	118.060	5003.500	117.700	5007.000	117.900	5017.000	118.060	5025.000
GR	119.030	5030.000	119.900	5034.500	119.910	5034.510	120.000	5035.000	120.000	5035.700
GR	120.000	5035.710	120.000	5035.720	132.000	5045.700	136.000	5100.700	140.000	5125.700
ET	.000	.000	.000	.000	.000	9.100	.000	.000	4961.000	5041.000

END BRIDGE CROSS SECTIONS FOR BRIDGE #2

X1	6891.500	12.000	4995.990	5035.720	50.000	25.000	30.000	.000	.200	.000
GR	140.000	4865.000	136.000	4890.000	132.000	4960.000	120.000	4995.990	118.060	5003.500
GR	117.700	5007.000	117.900	5017.000	118.060	5025.000	120.000	5035.720	132.000	5045.700
GR	136.000	5100.700	140.000	5125.700	.000	.000	.000	.000	.000	.000
QT	5.000	2796.000	4301.000	4821.000	6200.000	4821.000	.000	.000	.000	.000
NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.400	.000	.000	.000	.000

CROSS SECTION: SME

X1	8450.000	19.000	5083.000	5110.000	1375.000	1400.000	1450.000	.000	.000	.000
GR	148.000	5000.000	144.000	5015.000	140.000	5035.000	136.000	5050.000	135.000	5060.000
GR	132.000	5080.000	128.000	5083.000	127.400	5085.000	126.000	5090.000	125.700	5094.000
GR	125.300	5099.000	126.000	5104.000	126.900	5107.000	128.000	5110.000	132.000	5115.000
GR	136.000	5132.000	140.000	5167.000	144.000	5202.000	148.000	5217.000	.000	.000
EJ	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

*PROF 1

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 11/23/85 10:36:20

 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

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

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT TABLE 110

SECHO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
.010	93.95	.00	94.22	317.56	404.20	4693.92	726.88	.00	.00	5335.00	5407.00	.00
.010	94.95	1.00	95.28	113.29	92.80	5263.64	468.55	.15	5322.61	5335.00	5407.00	5435.91
1700.000	106.01	.00	106.59	211.14	1335.40	3199.60	936.01	.00	.00	5193.00	5227.00	.00
1700.000	107.00	.99	107.72	113.85	1171.16	3648.19	651.64	.17	5139.70	5193.00	5227.00	5253.55
2510.000	110.64	.00	111.24	215.79	991.63	3329.93	1149.44	.00	.00	5125.00	5160.00	.00
2510.000	111.60	.96	112.35	86.71	796.94	3759.66	914.41	.16	5097.61	5125.00	5160.00	5184.32
3141.500	114.89	.00	115.89	127.63	1331.82	3269.77	869.41	.00	.00	5017.00	5044.00	.00
3141.500	115.74	.85	116.85	80.00	1280.16	3559.52	631.32	80.00	4983.00	5017.00	5044.00	5063.00
3192.500	115.55	.00	116.43	131.19	1365.70	3213.02	892.28	.00	.00	5017.00	5044.00	.00
3192.500	116.39	.84	117.36	80.00	1230.09	3464.54	776.36	80.00	4985.00	5017.00	5044.00	5065.00
3193.500	116.54	.00	116.66	240.41	2069.27	1160.83	2240.90	.00	.00	4996.50	5023.50	.00
3193.500	116.61	.07	117.42	79.00	2312.41	2722.29	436.30	79.00	4960.00	4996.50	5023.50	5039.00
3206.500	116.59	.00	116.71	240.86	2070.83	1158.74	2241.43	.00	.00	4996.50	5023.50	.00
3206.500	116.90	.32	117.67	79.00	2323.06	2711.76	436.18	79.00	4960.00	4996.50	5023.50	5039.00
3207.500	116.31	.00	116.99	133.13	1279.31	3304.51	887.18	.00	.00	5000.00	5030.00	.00
3207.500	116.90	.59	117.69	90.00	1402.31	3610.52	458.16	90.00	4955.00	5000.00	5030.00	5045.00
3219.500	116.43	.00	117.13	131.87	1271.76	3317.05	882.19	.00	.00	5000.00	5030.00	.00
3219.500	117.31	.88	117.88	140.64	1322.98	3232.07	915.95	.00	.00	5000.00	5030.00	.00
4180.000	120.18	.00	120.48	242.96	1443.37	3135.31	729.32	.00	.00	5263.00	5307.00	.00
4180.000	120.75	.57	121.15	122.90	1291.92	3559.60	456.48	.15	5208.80	5263.00	5307.00	5331.70
4428.300	120.93	.00	121.12	310.04	1994.17	2131.09	1182.74	.00	.00	4990.60	5024.80	.00
4428.300	121.59	.66	121.96	145.38	1860.55	2822.22	625.23	.31	4905.59	4990.60	5024.80	5050.98

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
4506.500	121.18	.00	121.35	312.73	2015.64	2096.94	1195.42	.00	.00	4990.60	5024.80	.00
4506.500	121.98	.81	122.31	149.76	1876.26	2751.23	660.50	.30	4903.16	4990.60	5024.80	5052.92
4507.500	121.20	.00	121.36	313.01	2293.23	1664.55	1350.23	.00	.00	4990.60	5024.80	.00
4507.500	122.01	.81	122.32	153.68	2233.01	2276.36	798.63	.32	4901.08	4990.60	5024.80	5054.76
4508.500	121.20	.00	121.36	313.04	2293.37	1664.31	1350.32	.00	.00	4990.60	5024.80	.00
4508.500	122.01	.81	122.32	153.71	2233.17	2276.01	798.82	.32	4901.06	4990.60	5024.80	5054.78
4509.500	121.20	.00	121.37	313.08	2018.38	2092.55	1197.06	.00	.00	4990.60	5024.80	.00
4509.500	122.01	.81	122.33	150.64	1900.30	2740.13	667.57	.30	4902.69	4990.60	5024.80	5053.32
4528.300	121.27	.00	121.44	313.34	2020.34	2089.40	1198.26	.00	.00	4990.60	5024.80	.00
4528.300	122.14	.88	122.43	160.00	1937.48	2644.91	725.61	160.00	4897.00	4990.60	5024.80	5057.00
6180.000	127.67	.00	128.25	222.78	1131.38	3020.64	1155.98	.00	.00	5232.00	5262.00	.00
6180.000	128.65	.98	129.14	160.00	1170.85	2978.64	1158.52	160.00	5172.00	5232.00	5262.00	5332.00
6715.500	131.58	.00	132.48	102.83	597.68	4582.44	127.88	.00	.00	4995.99	5035.72	.00
6715.500	131.88	.30	132.74	80.00	614.11	4568.03	125.87	80.00	4965.00	4995.99	5035.72	5045.00
6838.500	132.27	.00	133.22	94.05	576.97	4607.97	123.06	.00	.00	4995.99	5035.72	.00
6838.500	132.52	.25	133.43	80.00	599.40	4585.36	123.24	80.00	4965.00	4995.99	5035.72	5045.00
6839.500	134.82	.00	135.40	173.96	783.95	4328.76	195.28	.00	.00	4995.99	5035.72	.00
6839.500	135.56	.74	136.13	80.00	718.42	4446.57	143.01	80.00	4965.00	4995.99	5035.72	5045.00
6891.500	134.92	.00	135.51	170.80	765.26	4354.06	188.68	.00	.00	4995.99	5035.72	.00
6891.500	135.65	.73	136.23	80.00	739.62	4484.59	83.79	80.00	4961.00	4995.99	5035.72	5041.00
8450.000	141.19	.00	141.98	148.40	749.98	3372.76	698.26	.00	.00	5083.00	5110.00	.00
8450.000	141.89	.70	142.89	70.48	540.52	3767.76	512.72	.15	5060.08	5083.00	5110.00	5130.55

FLOODWAY DATA, SMOKY CREEK, CALDWELL CO
 PROFILE NO. 2

STATION	FLOODWAY WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
.010	113.	1448.	4.0	94.9	93.9	1.0
1700.000	114.	1094.	5.0	107.0	106.0	1.0
2510.000	87.	991.	5.5	111.6	110.6	1.0
3141.500	80.	848.	6.5	115.8	114.9	.9
3192.500	80.	888.	6.2	116.3	115.5	.8
3193.500	79.	849.	6.4	116.6	116.5	.1
3206.500	79.	872.	6.3	116.9	116.6	.3
3207.500	90.	1014.	5.4	116.9	116.3	.6
3219.500	141.	1222.	4.5	117.3	116.4	.9
4180.000	123.	1375.	3.9	120.8	120.2	.6
4428.300	145.	1448.	3.7	121.6	120.9	.7
4506.500	150.	1542.	3.4	122.0	121.2	.8
4507.500	154.	1488.	3.6	122.0	121.2	.8
4508.500	154.	1489.	3.6	122.0	121.2	.8
4509.500	151.	1554.	3.4	122.0	121.2	.8
4528.300	160.	1645.	3.2	122.2	121.3	.9
6180.000	160.	1322.	4.0	128.7	127.7	1.0
6715.500	80.	879.	6.0	131.9	131.6	.3
6738.500	80.	853.	6.2	132.6	132.3	.3
6837.500	80.	1092.	4.9	135.5	134.8	.7
6891.500	80.	1078.	4.9	135.6	134.9	.7
8450.000	70.	809.	6.0	141.9	141.2	.7

THIS RUN EXECUTED 11/20/85 20:23:31

 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

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KHC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/20/85 500-YEAR

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	6.	0.	0.	.000000	.00	.0	0.	95.300	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000

IKLEQ = 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 11/20/85 20:24:04

 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

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

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
.010	94.30	.00	94.57	328.88	460.82	4845.11	796.07	.00	.00	5335.00	5407.00	.00
.010	95.30	1.00	95.63	122.27	152.87	5414.73	534.41	.14	5317.01	5335.00	5407.00	5439.29
1700.000	106.27	.00	106.85	214.25	1436.77	3306.97	1001.26	.00	.00	5193.00	5227.00	.00
1700.000	107.25	.98	107.98	117.82	1274.67	3756.93	713.40	.17	5137.15	5193.00	5227.00	5254.97
2510.000	110.89	.00	111.51	222.31	1060.82	3453.31	1230.88	.00	.00	5125.00	5160.00	.00
2510.000	111.85	.96	112.62	90.98	850.07	3893.31	1001.62	.16	5096.51	5125.00	5160.00	5187.49
3141.500	115.15	.00	116.18	129.60	1418.42	3400.14	926.45	.00	.00	5017.00	5044.00	.00
3141.500	115.90	.75	116.85	98.51	1412.21	3448.76	884.02	.03	4972.87	5017.00	5044.00	5071.38
3192.500	115.82	.00	116.72	133.22	1453.79	3341.18	950.02	.00	.00	5017.00	5044.00	.00
3192.500	116.46	.64	117.32	102.38	1442.56	3390.99	911.44	.03	4970.63	5017.00	5044.00	5073.01
3193.500	116.84	.00	116.96	243.40	2116.05	1227.40	2401.55	.00	.00	4996.50	5023.50	.00
3193.500	117.42	.59	117.55	202.24	2122.88	1241.07	2381.06	.03	4909.17	4996.50	5023.50	5111.41
3206.500	116.89	.00	117.01	243.85	2117.74	1225.20	2402.06	.00	.00	4996.50	5023.50	.00
3206.500	117.47	.58	117.59	202.21	2124.10	1239.79	2381.11	.03	4909.15	4996.50	5023.50	5111.36
3207.500	116.60	.00	117.30	136.04	1361.49	3439.98	943.53	.00	.00	5000.00	5030.00	.00
3207.500	117.19	.59	117.87	101.46	1354.20	3489.79	901.01	.03	4957.91	5000.00	5030.00	5059.38
3219.500	116.73	.00	117.44	134.81	1353.88	3452.60	938.52	.00	.00	5000.00	5030.00	.00
3219.500	117.30	.58	118.00	100.90	1347.94	3501.15	895.91	.03	4958.24	5000.00	5030.00	5059.14
4180.000	120.50	.00	120.80	246.36	1543.78	3262.34	791.88	.00	.00	5263.00	5307.00	.00
4180.000	121.05	.55	121.44	127.13	1379.28	3662.39	556.33	.15	5206.38	5263.00	5307.00	5333.50
4428.300	121.25	.00	121.44	313.52	2132.18	2201.20	1264.61	.00	.00	4990.60	5024.80	.00
4428.300	121.90	.65	122.15	195.77	2073.57	2511.75	1012.68	.17	4879.02	4990.60	5024.80	5074.79

SECNO.	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
4506.500	121.49	.00	121.66	316.16	2152.79	2168.02	1277.18	.00	.00	4990.60	5024.80	.00
4506.500	122.17	.68	122.40	199.76	2098.34	2464.61	1035.04	.17	4876.86	4990.60	5024.80	5076.61
4507.500	121.51	.00	121.67	316.45	2434.95	1728.25	1434.80	.00	.00	4990.60	5024.80	.00
4507.500	122.20	.68	122.41	202.46	2400.83	2011.62	1185.55	.18	4875.42	4990.60	5024.80	5077.88
4508.500	121.52	.00	121.67	316.48	2435.08	1728.02	1434.89	.00	.00	4990.60	5024.80	.00
4508.500	122.20	.68	122.41	202.48	2400.95	2011.42	1185.63	.18	4875.41	4990.60	5024.80	5077.88
4509.500	121.51	.00	121.68	316.52	2155.46	2163.71	1278.83	.00	.00	4990.60	5024.80	.00
4509.500	122.20	.69	122.42	200.75	2101.92	2455.90	1040.19	.16	4876.32	4990.60	5024.80	5077.08
4528.300	121.58	.00	121.75	316.76	2157.27	2160.78	1279.95	.00	.00	4990.60	5024.80	.00
4528.300	122.27	.69	122.49	200.84	2103.13	2454.12	1040.75	.16	4876.28	4990.60	5024.80	5077.11
6180.000	127.93	.00	128.52	228.13	1216.98	3124.53	1256.49	.00	.00	5232.00	5262.00	.00
6180.000	128.87	.93	129.59	110.99	1047.49	3497.42	1053.09	.17	5197.28	5232.00	5262.00	5308.27
6715.500	131.87	.00	132.82	112.02	653.18	4804.07	140.75	.00	.00	4995.99	5035.72	.00
6715.500	133.48	1.61	134.56	45.85	192.68	5405.32	.00	.13	4989.87	4995.99	5035.72	5035.72
6838.500	132.58	.00	133.58	103.82	632.78	4829.75	135.47	.00	.00	4995.99	5035.72	.00
6838.500	134.44	1.86	135.55	44.69	144.52	5453.48	.00	.13	4991.03	4995.99	5035.72	5035.72
6839.500	135.09	.00	135.70	182.45	850.66	4529.38	217.96	.00	.00	4995.99	5035.72	.00
6839.500	137.94	2.85	138.70	44.69	142.87	5455.13	.00	.12	4991.03	4995.99	5035.72	5035.72
6891.500	135.20	.00	135.81	179.39	831.02	4556.22	210.76	.00	.00	4995.99	5035.72	.00
6891.500	138.36	3.17	138.89	59.33	739.38	4858.62	.00	.12	4976.39	4995.99	5035.72	5035.72
8450.000	141.57	.00	142.23	153.58	826.31	3521.71	779.98	.00	.00	5083.00	5110.00	.00
8450.000	143.70	2.13	144.44	73.84	722.25	3720.78	684.98	.14	5058.78	5083.00	5110.00	5132.62

FLOODWAY DATA, SHOKY CREEK, CALDWELL CO
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
1700.000	122.	1553.	3.9	95.3	94.3	1.0
2510.000	118.	1150.	5.0	107.3	106.3	1.0
3141.500	91.	1044.	5.5	111.9	110.9	1.0
3192.500	99.	977.	5.9	115.9	115.2	.7
3193.500	102.	1034.	5.6	116.4	115.8	.6
3206.500	202.	2110.	2.7	117.4	116.8	.6
3219.500	101.	1144.	2.7	117.5	116.9	.6
4180.000	101.	1127.	5.0	117.2	116.6	.6
4228.500	127.	1444.	5.1	117.3	116.7	.6
4506.500	200.	1886.	3.9	121.1	120.5	.6
4507.500	202.	1969.	3.0	121.8	121.2	.6
4508.500	202.	1903.	2.8	122.2	121.5	.7
4509.500	201.	1933.	2.9	122.2	121.5	.7
4528.500	201.	1986.	2.8	122.3	121.6	.7
6180.000	111.	1055.	5.2	128.8	127.9	.9
6715.500	45.	719.	7.8	133.5	131.9	1.6
6838.500	45.	704.	7.9	134.5	132.6	1.9
6839.500	45.	856.	6.5	137.9	135.1	2.8
6891.500	59.	1077.	5.2	138.4	135.2	3.2
8450.000	74.	964.	5.3	143.7	141.6	2.1



THIS RUN EXECUTED 11/20/85 20:16:11

 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

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

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT TABLE 110

STENCR	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	
	.010	94.30	.00	94.57	328.88	460.82	4845.11	796.07	.00	.00	5335.00	5407.00	.00
	.010	95.30	1.00	95.63	122.27	152.87	5414.73	534.41	.14	5317.01	5335.00	5407.00	5439.29
	1700.000	106.27	.00	106.85	214.25	1436.77	3306.97	1001.26	.00	.00	5193.00	5227.00	.00
	1700.000	107.25	.98	107.98	117.82	1274.67	3756.93	713.40	.17	5137.15	5193.00	5227.00	5254.97
	2510.000	110.89	.00	111.51	222.31	1060.82	3453.31	1230.88	.00	.00	5125.00	5160.00	.00
	2510.000	111.85	.90	112.62	90.98	850.07	3893.31	1001.62	.16	5096.51	5125.00	5160.00	5187.49
	3141.500	115.15	.00	116.18	129.60	1418.42	3400.14	926.45	.00	.00	5017.00	5044.00	.00
	3141.500	116.06	.91	117.31	73.17	1294.01	3823.44	627.54	.15	4907.93	5017.00	5044.00	5061.11
	3192.500	115.82	.00	116.72	133.22	1453.79	3341.18	950.02	.00	.00	5017.00	5044.00	.00
	3192.500	116.70	.88	117.84	72.96	1282.66	3788.62	673.72	.15	4989.54	5017.00	5044.00	5062.50
	3193.500	116.84	.00	116.96	243.40	2116.05	1227.40	2401.55	.00	.00	4996.50	5023.50	.00
	3193.500	118.01	1.17	118.15	172.66	2143.18	1352.55	2249.28	.15	4923.36	4996.50	5023.50	5096.02
	3206.500	116.89	.00	117.01	243.85	2117.74	1225.20	2402.06	.00	.00	4996.50	5023.50	.00
	3206.500	118.05	1.17	118.19	172.87	2144.31	1350.67	2250.01	.15	4923.26	4996.50	5023.50	5096.13
	3207.500	116.60	.00	117.30	136.04	1361.49	3439.98	943.53	.00	.00	5000.00	5030.00	.00
	3207.500	117.78	1.17	118.47	86.37	1286.30	3621.98	836.72	.11	4965.79	5000.00	5030.00	5052.16
	3219.500	116.73	.00	117.44	134.81	1353.88	3452.60	938.52	.00	.00	5000.00	5030.00	.00
	3219.500	117.88	1.15	118.59	85.88	1279.59	3632.88	832.53	.11	4966.07	5000.00	5030.00	5051.95
	4180.000	120.50	.00	120.80	246.36	1543.78	3262.34	791.88	.00	.00	5263.00	5307.00	.00
	4180.000	121.41	.91	121.78	127.13	1388.51	3645.48	564.00	.15	5206.38	5263.00	5307.00	5333.50
	4428.300	121.25	.00	121.44	313.52	2132.18	2201.20	1264.61	.00	.00	4990.60	5024.80	.00
	4428.300	122.19	.94	122.42	195.77	2092.40	2489.58	1016.01	.17	4879.02	4990.60	5024.80	5074.79

STENCR	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	
	4506.500	121.49	.00	121.66	316.16	2152.79	2168.02	1277.18	.00	.00	4990.60	5024.80	.00
	4506.500	122.44	.95	122.65	199.76	2114.90	2445.02	1038.08	.17	4876.86	4990.60	5024.80	5076.61
	4507.500	121.51	.00	121.67	316.45	2434.95	1728.25	1434.80	.00	.00	4990.60	5024.80	.00
	4507.500	122.46	.95	122.66	202.46	2410.61	2002.31	1185.08	.18	4875.42	4990.60	5024.80	5077.88
	4508.500	121.52	.00	121.67	316.48	2435.08	1728.02	1434.89	.00	.00	4990.60	5024.80	.00
	4508.500	122.46	.95	122.66	202.48	2410.71	2002.12	1185.16	.18	4875.41	4990.60	5024.80	5077.88
	4509.500	121.51	.00	121.68	316.52	2155.46	2163.71	1278.83	.00	.00	4990.60	5024.80	.00
	4509.500	122.46	.95	122.67	200.75	2118.26	2436.52	1043.23	.16	4876.32	4990.60	5024.80	5077.08
	4528.300	121.58	.00	121.75	316.76	2157.27	2160.78	1279.95	.00	.00	4990.60	5024.80	.00
	4528.300	122.53	.95	122.74	200.84	2119.20	2435.07	1043.73	.16	4876.28	4990.60	5024.80	5077.11
	6180.000	127.93	.00	128.52	228.13	1216.98	3124.53	1256.49	.00	.00	5232.00	5262.00	.00
	6180.000	128.86	.92	129.58	110.99	1047.26	3498.06	1052.67	.17	5197.28	5232.00	5262.00	5308.27
	6715.500	131.87	.00	132.82	112.02	653.18	4804.07	140.75	.00	.00	4995.99	5035.72	.00
	6715.500	133.48	1.61	134.56	45.85	192.68	5405.32	.00	.13	4989.87	4995.99	5035.72	5035.72
	6838.300	132.58	.00	133.58	103.82	632.78	4829.75	135.47	.00	.00	4995.99	5035.72	.00
	6838.300	134.44	1.86	135.55	44.69	144.52	5453.48	.00	.13	4991.03	4995.99	5035.72	5035.72
	6839.500	135.09	.00	135.70	182.45	850.66	4529.38	217.96	.00	.00	4995.99	5035.72	.00
	6839.500	137.94	2.85	138.70	44.69	142.88	5455.12	.00	.12	4991.03	4995.99	5035.72	5035.72
	6891.500	135.20	.00	135.81	179.39	831.02	4556.22	210.76	.00	.00	4995.99	5035.72	.00
	6891.500	138.36	3.17	138.89	59.33	739.36	4858.64	.00	.12	4976.39	4995.99	5035.72	5035.72
	8450.000	141.57	.00	142.38	153.58	826.31	3521.71	779.98	.00	.00	5083.00	5110.00	.00
	8450.000	143.70	2.13	144.44	73.84	722.23	3720.81	684.96	.14	5058.78	5083.00	5110.00	5132.62

FLOODWAY DATA, SHOKY CREEK, CALDWELL CO
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
.010	122.	1553.	3.9	95.3	94.3	1.0
1700.000	118.	1150.	5.0	107.3	106.3	1.0
2510.000	91.	1044.	5.5	111.9	110.9	1.0
3141.500	73.	822.	7.0	116.1	115.2	.9
3192.500	73.	854.	6.7	116.7	115.8	.9
3193.500	174.	1985.	2.9	118.0	116.8	1.2
3206.500	174.	1993.	2.9	118.1	116.9	1.2
3207.500	83.	1067.	5.4	117.8	116.6	1.2
3219.500	82.	1050.	5.5	117.8	116.7	1.1
4180.000	127.	1593.	3.8	121.4	120.5	.9
4428.300	196.	1945.	2.9	122.2	121.2	1.0
4506.500	200.	2025.	2.8	122.5	121.5	1.0
4507.500	202.	1960.	2.9	122.5	121.5	1.0
4508.500	201.	1961.	2.9	122.5	121.5	1.0
4509.500	201.	2030.	2.7	122.5	121.5	1.0
4528.300	201.	2042.	2.7	122.6	121.6	1.0
6180.000	111.	1082.	5.2	128.8	127.9	.9
6715.500	46.	719.	7.8	133.5	131.9	1.6
6838.500	45.	704.	7.9	134.5	132.6	1.9
6839.500	60.	1011.	5.5	137.0	135.1	1.9
6891.500	59.	1001.	5.6	137.1	135.2	1.9
8450.000	74.	933.	5.5	143.3	141.6	1.7

6.41
15.8
10.41

C
 C 49.
 C 0.01 FIELD 1 OF THE X1 CARD IS THE DISTANCE ABOVE THE COUNTY LINE
 C 0.01
 C 0.01 ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATION
 C 0.01 ABOVE SEA LEVEL. ELEVATIONS ADJUSTED FOR PROGRAM.
 C 0.01
 C 0.01 CROSS SECTION: SMA
 C 0.01 SMA LIES 1500 DOWNSTREAM OF THE COUNTY LINE
 C 0.01
 C 1700.
 C 1700. CROSS SECTION: SMB
 C 1700.
 C 3141.5
 C 3141.5 BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #1
 C 3141.5
 C 3193.5 BRIDGE #1, DIRT ROAD WIDTH: 13 FEET
 C 3193.5 ELLC: 105.14
 C 3193.5
 C 3193.5
 C 3219.5 END BRIDGE CROSS SECTIONS FOR BRIDGE #1
 C 3219.5
 C 4180.
 C 4180. CROSS SECTION: SMC
 C 4180.
 C 4428.3
 C 4428.3 BEGIN BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A
 C 4428.3
 C 4506.5 BRIDGE #1A, ABANDON PIER WIDTH: 1 FOOT
 C 4506.5 ELLC: 115.89
 C 4506.5
 C 4506.5
 C 4528.3
 C 4528.3 END BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A
 C 4528.3
 C 6180.
 C 6180. CROSS SECTION: SMD SURVEY BY HSM+M
 C 6180.
 C 6715.5
 C 6715.5 BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #2
 C 6715.5
 C 6839.5 BRIDGE #2, SR 1134 WIDTH: 21 FEET
 C 6839.5 ELLC: 128.55
 C 6839.5
 C 6839.5
 C 6891.5
 C 6891.5 END BRIDGE CROSS SECTIONS FOR BRIDGE #2
 C 6891.5
 C 8450.
 C 8450. CROSS SECTION: SME

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 10-YEAR EVENT
 J1 2.0 0.00484 80.0
 J21.0 -1.
 J338. 11. 12. 3. 10. 1. 51. 42. 5. 41.
 J325. 34. 39. 0. 38. 41. 40. 45. 44. 49.
 J347. 46. 13. 14. 15. 43. 1.
 J338. 39. 42. 1. 41. 53. 21. 22. 54. 4.
 J363. 23. 24.

GR120.	4920.	116.	49400.	112.	4960.	108.	4970.	5000.
GR102.085011.	102.5	5019.5	102.91	5022.5	101.75	5023.	10	5030.
GR108.	5050.	112.	5060.	116.	5070.	120.		
X13219.5		68.00	3.00	12.00				0.25
QT5.0	3062.	4750.	5308.	6845.	5308.			
NCO.15	0.15	0.075	0.1	0.3				
X14180.	26.	5263.	5307.	890.00	1025.00	960.50		
GR132.	5000.	129.	5035.	128.	5063.	126.	5098.	124.
GR120.	5146.	118.	5167.	116.	5187.	114.	5200.	112.
GR110.	5240.	108.	5263.	107.	5268.	106.6	5272.	106.7
GR106.5	5282.	107.	5287.	108.	5307.	112.	5317.	113.
GR116.	5352.	117.	5372.	120.	5387.	124.	5407.	128.
GR132.	5442.							5422.
NCO.15	0.15	0.080	0.1	0.3				
X14428.320.		4990.6	5024.8	235.00	240.00	248.30		
GR132.	4775.	128.	4797.	124.	4811.	120.	4825.	116.
GR111.476990.6		108.53	4993.6	107.96	5000.	107.96	5000.01	107.
GR108.515016.8		109.36	5019.8	111.47	5024.8	111.36	5036.8	111.59
GR116.	5098.8	120.	5124.8	124.	5154.8	128.	5169.8	132.
NC		0.3	0.5	125.00	43.00	78.20	115.88	115.89
X14506.5								
X310.								
X14507.5								
BT.20.	4775.	132.	4797.	128.	4811.	124.	4811.	124.
BT	4825.	120.	4852.	116.	4881.	111.47	4990.6	111.47
BT	4993.6	108.52	5000.	107.96	107.96	107.96	5000.01	111.82
BT	5009.9	111.84	5016.8	111.85	5019.8	111.86	5019.8	111.86
BT	5024.8	111.78	5036.8	111.59	5036.8	111.59	5036.8	111.59
BT	5098.8	116.	5124.8	120.	5154.8	124.	5154.8	124.
BT	5169.8	128.	5201.8	132.				
X14508.5								
X2								
X14509.5								
X310.							115.88	115.89
X14528.3								
NCO.15	0.15	0.080	0.1	0.3	43.00	16.00	18.80	0.04
X16180.	18.	5232.	5262.	1810.00	1485.00	1652.00		
GR135.1	5000.	132.8	5050.	130.1	5100.	125.4	5150.	122.9
GR119.6	5200.	116.	5232.	113.5	5262.	110.5	5250.	110.9
GR116.2	5262.	118.8	5269.	120.	5300.	122.2	5334.	123.6
GR128.795400.		131.5	5444.	134.1	5500.			5350.
X16715.512.		4995.99	5035.72	650.00	685.00	667.00		-0.97
GR140.	4865.	136.	4890.	132.	4960.	120.	4995.99	118.06
GR117.705007.		117.90	5017.0	118.06	5025.00	120.	5035.72	132.
GR136.	5100.7	140.	5125.7					
NC		0.3	0.5	95.00	130.00	123.00	130.48	131.24
X16838.5								0.97
X310.								
SB1.05	1.56	2.5	0.0	25.	0.01	303.	0.27	117.7
X16839.525.		4995.99	5035.72	23.	23.			

X2		1.0	128.55	130.48					
X310.									
BT-21.	4865.	140.	4890.	136.	136.	4960.	132.	132.	
BT	4995.99	130.48	5000.	130.48	120.	5000.01	133.14	128.	
BT	5000.3	133.15	128.1	133.16	128.11	5003.49	133.16	128.11	
BT	5007.	133.26	128.19	133.44	128.32	5025.	133.58	128.43	
BT	5030.	133.67	128.49	133.75	128.55	5034.51	133.75	128.55	
BT	5035.7	133.77	128.55	131.24	128.55	5035.72	131.24	120.	
BT	5045.7	132.	132.	136.	136.	5125.7	140.	140.	
GR140.	4865.	136.	4890.	132.	4960.	4995.99	120.	5000.00	
GR120.	5000.01	120.	5000.02	120.	5000.03	119.83	5000.30	119.45	5001.00
GR118.065003.49	118.06	5003.5	117.70	5007.	117.90	5017.0	118.06	5025.00	
GR119.035030.00	119.9	5034.50	119.91	5034.51	120.	5035.00	120.	5035.70	
GR120.	5035.71	120.	5035.72	132.	5045.7	5100.7	140.	5125.7	
X16891.512.	4995.99	5035.72	50.00	25.00	30.00	0.2			
GR140.	4865.	136.	4890.	132.	4960.	4995.99	118.06	5003.5	
GR117.705007.	117.90	5017.0	118.06	5025.00	120.	5035.72	132.	5045.7	
GR136.	5100.7	140.	5125.7						
QT5.0	2796.	4301.	4820.	6200.	4820.				
MC0.15	0.15	0.080	0.1	0.3					
X18450.19.	5083.	5110.	1375.00	1400.00	1457.00				
GR148.	5000.	144.	5015.	140.	5035.	136.	5050.	135.	5060.
GR132.	5080.	128.	5083.	127.4	5085.	126.	5090.	125.7	5094.
GR125.3	5099.	126.	5104.	126.9	5107.	128.	5110.	132.	5115.
GR136.	5132.	140.	5167.	144.	5202.	148.	5217.		
EJ									

T1	HAYES, SEAY, MATTERN & MATTERN	CALDWELL CO/LENOIR, NC FIS
T2	FILENAME: SHOKY.HEC	ENG: KMC & EKL
T3	SHOKY CREEK, CALDWELL CO., NC	DATE: 11/23/85
J1	3.0	50-YEAR
J22.0	-1.	79.68
T1	HAYES, SEAY, MATTERN & MATTERN	CALDWELL CO/LENOIR, NC FIS
T2	FILENAME: SHOKY.HEC	ENG: KMC & EKL
T3	SHOKY CREEK, CALDWELL CO., NC	DATE: 11/23/85
J1	4.0	100-YEAR
J23.0	-1.	79.68
T1	HAYES, SEAY, MATTERN & MATTERN	CALDWELL CO/LENOIR, NC FIS
T2	FILENAME: SHOKY.HEC	ENG: KMC & EKL
T3	SHOKY CREEK, CALDWELL CO., NC	DATE: 11/23/85
J1	5.0	500-YEAR
J215.0	-1.	79.68

** BLANK CARD **
 ** BLANK CARD **
 ** BLANK CARD **
 ER

SUMMARY OF ERRORS

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 10-YEAR EVENT

6839.500 - CAUTION - TOP WIDTH OF DOWNSTREAM CHANNEL = 39.73G IS GREATER
THAN TOP WIDTH OF SPECIAL BRIDGE OPENING = 30.849

6839.500 - CAUTION - TOP WIDTH OF UPSTREAM CHANNEL = 39.730 IS GREATER
THAN TOP WIDTH OF SPECIAL OPENING = 30.849

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 50-YEAR

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 100-YEAR

T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 500-YEAR

 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

C
 T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/23/85 10-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.004840	.00	.0	0.	80.000	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	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	5.000	3341.000	5184.000	5825.000	7534.000	5825.000	.000	.000	.000	.000
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	10.400	.000	.000	.000	.000

FIELD 1 OF THE X1 CARD IS THE DISTANCE ABOVE THE COUNTY LINE

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATION
 ABOVE SEA LEVEL. ELEVATIONS ADJUSTED FOR PROGRAM.

CROSS SECTION: SMA
SMA LIES 1500 DOWNSTREAM OF THE COUNTY LINE.

X1	.010	25.000	5335.000	5407.000	.000	.000	.000	.000	.000	.000
GR	108.000	5000.000	104.000	5080.000	100.000	5120.000	96.000	5170.000	92.000	5255.000
GR	89.000	5300.000	88.000	5335.000	84.000	5345.000	80.000	5355.000	77.100	5365.000
GR	75.800	5370.000	75.900	5377.000	77.100	5384.000	78.500	5392.000	80.000	5397.000
GR	84.000	5407.000	85.000	5422.000	88.000	5442.000	90.000	5467.000	92.000	5497.000
GR	94.000	5532.000	96.000	5552.000	100.000	5567.000	104.000	5577.000	108.000	5592.000

QT	5.000	3144.000	4872.000	5471.000	7066.000	5471.000	.000	.000	.000	.000
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CROSS SECTION: SMB

X1	1700.000	28.000	5193.000	5227.000	3160.000	3125.000	3200.000	.000	.000	.000
GR	121.000	5000.000	120.000	5025.000	116.000	5040.000	112.000	5045.000	108.000	5077.000
GR	104.000	5095.000	102.000	5113.000	100.000	5150.000	100.000	5150.100	100.000	5150.200
GR	98.200	5193.000	93.800	5200.000	93.000	5203.000	92.900	5208.000	92.600	5218.000
GR	93.000	5223.000	97.000	5227.000	100.000	5261.900	100.000	5262.000	104.000	5282.000
GR	106.000	5297.000	108.000	5312.000	112.000	5332.000	113.000	5352.000	114.000	5387.000
GR	116.000	5412.000	120.000	5437.000	124.000	5462.000	.000	.000	.000	.000

X1	2510.000	17.000	5125.000	5160.000	785.000	885.000	810.000	.000	.000	.000
GR	120.000	5000.000	116.000	5030.000	112.000	5050.000	108.000	5065.000	104.000	5100.000
GR	100.000	5125.000	98.800	5135.000	98.000	5137.800	97.900	5143.600	97.600	5154.400
GR	98.000	5160.000	100.000	5175.000	104.000	5180.000	108.000	5215.000	112.000	5300.000
GR	116.000	5330.000	120.000	5350.000	.000	.000	.000	.000	.000	.000

NC	.150	.150	.075	.000	.000	.000	.000	.000	.000	.000
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BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3141.500	22.000	5017.000	5044.000	660.000	575.000	631.500	.000	.000	.000
GR	124.000	4920.000	120.000	4940.000	116.000	4950.000	112.000	4970.000	108.000	4990.000
GR	108.000	4990.010	108.000	4990.020	105.180	5000.000	105.380	5010.000	105.360	5017.000
GR	102.570	5021.500	102.230	5026.500	102.030	5031.500	101.530	5036.000	102.570	5040.000
GR	105.130	5044.000	106.580	5054.000	107.590	5064.000	108.000	5066.000	112.000	5076.000
GR	116.000	5086.000	120.000	5096.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	3192.500	.000	.000	.000	43.000	100.000	51.000	.000	.190	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.300	105.860	.000

BRIDGE #1, DIRT ROAD WIDTH: 13 FEET
ELLCC: 105.14

X1	3193.500	28.000	4996.500	5023.500	1.000	1.000	1.000	.000	.000	.000
BT	-28.000	4870.000	120.000	120.000	4890.000	116.000	116.000	4910.000	112.000	112.000
BT	.000	4920.000	108.000	108.000	4950.000	107.570	107.570	4975.000	106.680	106.630
BT	.000	4979.500	106.600	105.180	4989.500	106.420	105.560	4995.000	106.330	105.630
BT	.000	4996.500	106.300	105.540	5000.000	106.240	103.370	5000.990	106.240	102.750
BT	.000	5001.000	106.240	105.010	5007.000	106.230	105.110	5012.600	106.370	105.170

105.54 ?

BT	.000	5014.000	106.410	105.190	5015.000	106.430	105.190	5018.000	106.160	105.220
BT	.000	5018.010	106.160	104.810	5023.500	106.250	105.310	5040.000	106.520	106.520
BT	.000	5065.000	105.860	105.860	5085.000	108.000	108.000	5108.500	107.400	109.400
BT	.000	5115.000	112.000	112.000	5117.500	113.000	113.000	5125.000	116.000	116.000
BT	.000	5145.000	120.000	120.000	.000	.000	.000	.000	.000	.000
GR	120.000	4870.000	116.000	4890.000	112.000	4910.000	108.000	4920.000	107.570	4950.000
GR	106.680	4975.000	105.180	4979.500	105.560	4989.500	105.540	4995.000	105.540	4996.500
GR	103.370	5000.000	102.750	5000.990	102.750	5001.000	101.070	5007.000	102.750	5012.600
GR	102.070	5014.000	102.760	5015.000	104.810	5018.000	104.810	5018.010	105.310	5023.500
GR	106.520	5040.000	105.860	5065.000	108.000	5085.000	109.400	5108.500	112.000	5115.000
GR	113.000	5117.500	116.000	5125.000	120.000	5145.000	.000	.000	.000	.000
X1	3206.500	.000	.000	.000	13.000	13.000	13.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X1	3207.500	14.000	5000.000	5030.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.230	106.420	.000
GR	120.000	4920.000	116.000	4940.000	112.000	4960.000	108.000	4970.000	104.000	5000.000
GR	102.080	5011.000	102.500	5019.500	102.910	5022.500	101.750	5023.000	104.000	5030.000
GR	108.000	5050.000	112.000	5060.000	116.000	5070.000	120.000	5090.000	.000	.000

END BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3219.500	.000	.000	.000	68.000	3.000	12.000	.000	.250	.000
QT	5.000	3062.000	4730.000	5308.000	6845.000	5308.000	.000	.000	.000	.000
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000

CROSS SECTION: SMC

X1	4180.000	26.000	5263.000	5307.000	890.000	1025.000	960.500	.000	.000	.000
GR	132.000	5000.000	129.000	5035.000	128.000	5063.000	126.000	5098.000	124.000	5123.000
GR	120.000	5146.000	118.000	5167.000	116.000	5187.000	114.000	5200.000	112.000	5225.000
GR	110.000	5240.000	108.000	5263.000	107.000	5268.000	106.600	5272.000	106.700	5277.000
GR	106.500	5282.000	107.000	5287.000	108.000	5307.000	112.000	5317.000	113.000	5332.000
GR	116.000	5352.000	117.000	5372.000	120.000	5387.000	124.000	5407.000	128.000	5422.000
GR	132.000	5442.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1	4428.300	20.000	4990.600	5024.800	235.000	240.000	248.300	.000	.000	.000
GR	132.000	4775.000	128.000	4797.000	124.000	4811.000	120.000	4825.000	116.000	4852.000
GR	111.470	4990.600	108.530	4993.600	107.960	5000.000	107.960	5000.010	107.000	5009.900
GR	108.510	5016.800	109.360	5019.800	111.470	5024.800	111.360	5036.800	111.590	5036.810
GR	116.000	5098.800	120.000	5124.800	124.000	5154.800	128.000	5169.800	132.000	5201.800

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
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BRIDGE #1A, ABANDON PIER WIDTH: 1 FOOT
ELLCC: 115.89

X1	4506.500	.000	.000	.000	125.000	43.000	78.200	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	115.880	115.890	.000
X1	4507.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-20.000	4775.000	132.000	132.000	4797.000	128.000	128.000	4811.000	124.000	124.000
BT	.000	4825.000	120.000	120.000	4852.000	116.000	116.000	4990.600	111.470	111.470
BT	.000	4993.600	108.520	108.520	5000.000	107.960	107.960	5000.010	111.820	107.960
BT	.000	5009.900	111.840	107.000	5016.800	111.850	108.510	5019.800	111.860	109.360
BT	.000	5024.800	111.780	111.470	5036.800	111.590	111.360	5036.810	111.590	111.590
BT	.000	5098.800	116.000	116.000	5124.800	120.000	120.000	5154.800	124.000	124.000
BT	.000	5169.800	128.000	128.000	5201.800	132.000	132.000	.000	.000	.000

X1	4508.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

X1	4509.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	115.880	115.890	.000

END BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1	4528.300	.000	.000	.000	43.000	16.000	18.800	.000	.040	.000
NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000

CROSS SECTION: SHD SURVEY BY HSM+M

X1	6180.000	18.000	5232.000	5262.000	1810.000	1485.000	1652.000	.000	2.000	.000
GR	135.100	5000.000	132.800	5050.000	130.100	5100.000	125.400	5150.000	122.900	5170.000
GR	119.600	5200.000	116.000	5232.000	113.500	5242.000	110.500	5250.000	110.900	5258.000
GR	116.200	5262.000	118.800	5269.000	120.000	5300.000	122.200	5334.000	123.600	5350.000
GR	128.790	5400.000	131.500	5444.000	134.100	5500.000	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #2

X1	6715.500	12.000	4995.990	5035.720	650.000	685.000	667.000	.000	-.970	.000
GR	140.000	4865.000	136.000	4890.000	132.000	4960.000	120.000	4995.990	118.060	5003.500
GR	117.700	5007.000	117.900	5017.000	118.060	5025.000	120.000	5035.720	132.000	5045.700
GR	136.000	5100.700	140.000	5125.700	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	6838.500	.000	.000	.000	95.000	130.000	123.000	.000	.970	.000
X3	10.000	.000	.000	.000	.000	.000	.000	130.480	131.240	.000

THIS RUN EXECUTED 11/23/85 08:06:57

 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

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

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECNO	HL	OLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
.010	.00	.00	88.56	.45	88.12	.00	75.80	48.42	.00	678.48	480.12	.00
.010	.00	.00	93.53	.26	93.26	.00	75.80	17.00	.00	1725.77	1257.31	.00
.010	.00	.00	94.23	.27	93.95	.00	75.80	17.16	.00	1935.43	1406.07	.00
.010	.00	.00	95.96	.29	95.66	.00	75.80	16.92	.00	2525.17	1831.62	.00
1700.000	15.74	.00	104.30	.42	103.88	15.77	92.60	50.27	.00	896.74	443.45	3200.00
1700.000	12.36	.09	105.98	.56	105.41	12.15	92.60	60.64	.00	1195.49	625.65	3200.00
1700.000	12.27	.09	106.59	.58	106.01	12.06	92.60	59.95	.00	1319.88	706.58	3200.00
1700.000	12.03	.10	108.05	.62	107.44	11.77	92.60	58.54	.00	1635.17	923.51	3200.00
2510.000	4.15	.01	108.46	.46	108.00	4.12	97.60	51.11	.00	792.92	439.79	810.00
2510.000	4.64	.00	110.62	.57	110.05	4.63	97.60	53.22	.00	1152.21	667.85	810.00
2510.000	4.65	.01	111.24	.60	110.64	4.63	97.60	53.84	.00	1275.31	745.65	810.00
2510.000	4.64	.02	112.71	.67	112.04	4.60	97.60	54.72	.00	1603.66	955.18	810.00
3141.500	4.35	.09	112.90	.75	112.15	4.15	101.53	94.01	.00	613.82	324.26	631.50
3141.500	4.48	.11	115.20	.94	114.27	4.22	101.53	95.68	.00	857.72	498.07	631.50
3141.500	4.52	.12	115.89	.99	114.89	4.25	101.53	96.66	.00	935.53	556.48	631.50
3141.500	4.64	.14	117.49	1.15	116.34	4.30	101.53	99.99	.00	1127.87	706.65	631.50
3192.500	.48	.03	113.41	.65	112.75	.61	101.72	78.15	.00	659.54	355.65	51.00
3192.500	.50	.03	115.74	.82	114.91	.64	101.72	81.13	.00	914.96	540.91	51.00
3192.500	.51	.03	116.43	.88	115.55	.66	101.72	82.21	.00	996.87	603.41	51.00
3192.500	.53	.04	118.05	1.01	117.04	.70	101.72	85.10	.00	1200.11	765.97	51.00
3193.500	.01	.17	113.58	.10	113.48	.73	101.07	44.45	120.00	1328.05	471.58	1.00
3193.500	.01	.21	115.95	.12	115.84	.93	101.07	38.37	120.00	1857.98	786.56	1.00
3193.500	.01	.23	116.66	.12	116.54	.99	101.07	37.37	120.00	2023.33	895.01	1.00
3193.500	.01	.26	118.32	.14	118.18	1.14	101.07	35.95	120.00	2432.58	1178.41	1.00
3206.500	.06	.00	113.64	.09	113.54	.06	101.07	43.23	120.00	1340.12	478.16	13.00
3206.500	.05	.00	116.00	.11	115.89	.05	101.07	37.68	120.00	1869.08	793.67	13.00
3206.500	.05	.00	116.71	.12	116.59	.05	101.07	36.76	120.00	2034.41	902.42	13.00
3206.500	.05	.00	118.37	.14	118.23	.05	101.07	35.47	120.00	2443.76	1186.42	15.00

SECNO	HL	OLOSS	EG	HV	CWSEL	DIFMSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
3207.500	.00	.19	113.83	.47	113.36	-.18	101.75	49.32	.00	760.60	447.67	1.00
3207.500	.00	.26	116.26	.63	115.64	-.25	101.75	53.72	.00	1031.11	664.71	1.00
3207.500	.00	.28	116.99	.67	116.31	-.27	101.75	54.91	.00	1118.95	738.32	1.00
3207.500	.00	.33	118.70	.79	117.91	-.32	101.75	57.67	.00	1343.82	930.49	1.00
3219.500	.11	.01	113.95	.49	113.46	.10	102.00	52.23	.00	744.26	435.02	12.00
3219.500	.13	.01	116.40	.64	115.76	.12	102.00	55.88	.00	1015.39	651.74	12.00
3219.500	.13	.01	117.13	.69	116.44	.12	102.00	57.03	.00	1102.56	724.43	12.00
3219.500	.14	.01	118.85	.81	118.04	.13	102.00	59.65	.00	1325.74	914.92	12.00
4180.000	3.38	.02	117.36	.25	117.11	3.65	106.50	26.91	.00	1056.89	590.31	960.50
4180.000	3.32	.04	119.76	.29	119.47	3.72	106.50	25.38	.00	1564.82	938.85	960.50
4180.000	3.31	.04	120.48	.30	120.18	3.75	106.50	24.98	.00	1733.27	1062.09	960.50
4180.000	3.28	.05	122.18	.32	121.86	3.82	106.50	24.19	.00	2156.10	1391.65	960.50
4428.300	.77	.00	118.13	.21	117.92	.81	107.00	37.12	.00	1262.57	502.58	248.30
4428.300	.65	.01	120.42	.19	120.24	.76	107.00	28.59	.00	1927.68	884.69	248.30
4428.300	.63	.01	121.12	.19	120.93	.75	107.00	26.94	.00	2140.64	1022.57	248.30
4428.300	.59	.01	122.78	.19	122.59	.73	107.00	24.19	.00	2670.37	1391.59	248.30
4506.500	.29	.01	118.43	.18	118.25	.33	107.00	30.95	.00	1353.17	550.38	78.20
4506.500	.24	.01	120.67	.17	120.49	.26	107.00	25.60	.00	2006.24	934.80	78.20
4506.500	.23	.00	121.35	.17	121.18	.24	107.00	24.45	.00	2216.75	1073.38	78.20
4506.500	.21	.00	122.99	.18	122.81	.22	107.00	22.45	.00	2742.97	1444.81	78.20
4507.500	.00	.00	118.44	.16	118.28	.03	107.00	47.02	132.00	1269.79	446.53	1.00
4507.500	.00	.01	120.67	.15	120.52	.03	107.00	33.66	132.00	1923.96	815.32	1.00
4507.500	.00	.01	121.36	.16	121.20	.03	107.00	31.27	132.00	2134.50	949.29	1.00
4507.500	.00	.01	123.00	.16	122.84	.02	107.00	27.30	132.00	2660.73	1310.08	1.00
4508.500	.00	.00	118.44	.16	118.28	.01	107.00	46.91	132.00	1270.87	447.08	1.00
4508.500	.00	.00	120.68	.15	120.52	.00	107.00	33.61	132.00	1924.87	815.88	1.00
4508.500	.00	.00	121.36	.16	121.20	.00	107.00	31.23	132.00	2135.37	949.86	1.00
4508.500	.00	.00	123.00	.16	122.84	.00	107.00	27.27	132.00	2661.55	1310.67	1.00
4509.500	.00	.01	118.46	.18	118.28	.00	107.00	30.38	.00	1362.84	555.57	1.00
4509.500	.00	.01	120.69	.17	120.52	-.01	107.00	25.25	.00	2016.45	941.37	1.00
4509.500	.00	.01	121.37	.17	121.20	-.01	107.00	24.15	.00	2226.88	1080.20	1.00
4509.500	.00	.01	123.01	.18	122.83	-.01	107.00	22.22	.00	2752.97	1452.19	1.00
4528.300	.08	.00	118.53	.17	118.36	.08	107.04	29.68	.00	1374.94	562.08	18.80
4528.300	.07	.00	120.76	.17	120.59	.07	107.04	24.96	.00	2024.91	946.84	18.80
4528.300	.07	.00	121.44	.17	121.27	.07	107.04	23.93	.00	2234.18	1085.13	18.80
4528.300	.06	.00	123.07	.18	122.90	.06	107.04	22.10	.00	2758.28	1456.11	18.80
6180.000	7.20	.09	125.83	.48	125.34	6.98	112.50	63.27	.00	805.39	384.94	1652.00
6180.000	6.81	.12	127.69	.57	127.13	6.54	112.50	67.36	.00	1155.60	576.33	1652.00
6180.000	6.69	.12	128.25	.58	127.67	6.40	112.50	67.75	.00	1273.54	644.86	1652.00
6180.000	6.41	.13	129.62	.62	129.00	6.10	112.50	67.42	.00	1586.58	833.64	1652.00

SECHD	HL	OLOSS	EG	RV	CMSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
6715.500	3.43	.01	129.27	.53	128.75	3.40	116.73	43.45	.00	630.12	464.53	667.00
6715.500	4.00	.07	131.77	.81	130.95	3.83	116.73	54.13	.00	809.02	642.90	667.00
6715.500	4.13	.10	132.48	.90	131.58	3.91	116.73	57.22	.00	867.53	701.71	667.00
6715.500	4.39	.15	134.16	1.13	133.04	4.04	116.73	64.49	.00	1049.21	852.38	667.00
6838.500	.64	.13	130.04	.78	129.26	.51	117.70	61.75	.00	431.18	389.73	123.00
6838.500	.68	.02	132.47	.86	131.61	.66	117.70	58.99	.00	782.53	615.87	123.00
6838.500	.71	.03	133.22	.96	132.27	.69	117.70	61.86	.00	839.86	674.86	123.00
6838.500	.79	.02	134.98	1.17	133.80	.77	117.70	67.92	.00	1020.74	850.58	123.00
6839.500	1.62	.00	131.66	.39	131.27	2.01	117.70	28.11	128.55	750.00	577.54	23.00
6839.500	2.26	.00	134.73	.52	134.21	2.60	117.70	29.95	128.55	1076.74	864.35	23.00
6839.500	2.18	.00	135.40	.58	134.82	2.56	117.70	32.08	128.55	1177.96	937.22	23.00
6839.500	1.76	.00	136.74	.75	135.99	2.18	117.70	39.41	128.55	1402.33	1090.34	23.00
6891.500	.09	.00	131.75	.39	131.36	.09	117.90	28.06	.00	745.13	578.05	30.00
6891.500	.10	.00	134.83	.53	134.30	.09	117.90	29.96	.00	1064.84	864.17	30.00
6891.500	.10	.00	135.51	.58	134.92	.10	117.90	32.06	.00	1165.10	937.38	30.00
6891.500	.13	.00	136.87	.76	136.11	.13	117.90	39.26	.00	1390.01	1092.42	30.00
8450.000	6.62	.10	138.47	.72	137.76	6.40	125.30	63.91	.00	562.93	349.74	1450.00
8450.000	6.33	.07	141.23	.77	140.45	6.15	125.30	58.18	.00	888.81	563.87	1450.00
8450.000	6.41	.06	141.98	.79	141.19	6.27	125.30	57.35	.00	994.36	636.47	1450.00
8450.000	6.83	.02	143.73	.84	142.89	6.78	125.30	56.18	.00	1266.28	827.17	1450.00

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QWEIR	QLOB	QCH	QROB	Q	CWSEL
.010	.00	.00	.00	.00	.00	.00	.00	.02	3222.49	118.48	3341.00	88.12
.010	.00	.00	.00	.00	.00	.00	.00	297.93	4295.56	590.50	5184.00	93.26
.010	.00	.00	.00	.00	.00	.00	.00	404.59	4693.18	727.23	5825.00	93.95
.010	.00	.00	.00	.00	.00	.00	.00	749.16	5642.93	1141.89	7534.00	95.66
1700.000	.00	.00	.00	.00	.00	.00	.00	570.45	2128.64	444.91	3144.00	103.88
1700.000	.00	.00	.00	.00	.00	.00	.00	1115.27	2959.41	797.32	4872.00	105.41
1700.000	.00	.00	.00	.00	.00	.00	.00	1335.40	3199.58	936.01	5471.00	106.01
1700.000	.00	.00	.00	.00	.00	.00	.00	1935.54	3803.56	1326.90	7066.00	107.44
2510.000	.00	.00	.00	.00	.00	.00	.00	425.14	2170.77	548.09	3144.00	108.00
2510.000	.00	.00	.00	.00	.00	.00	.00	842.06	3050.40	979.54	4872.00	110.05
2510.000	.00	.00	.00	.00	.00	.00	.00	991.63	3329.93	1149.44	5471.00	110.64
2510.000	.00	.00	.00	.00	.00	.00	.00	1395.42	4020.51	1650.06	7066.00	112.04
3141.500	.00	.00	.00	.00	.00	.00	.00	631.35	2111.10	401.55	3144.00	112.15
3141.500	.00	.00	.00	.00	.00	.00	.00	1144.33	2982.31	745.36	4872.00	114.27
3141.500	.00	.00	.00	.00	.00	.00	.00	1331.82	3269.77	869.41	5471.00	114.89
3141.500	.00	.00	.00	.00	.00	.00	.00	1850.17	4007.62	1208.20	7066.00	116.34
3192.500	.00	.00	.00	.00	.00	.00	.00	654.92	2069.38	419.70	3144.00	112.75
3192.500	.00	.00	.00	.00	.00	.00	.00	1175.38	2929.67	766.95	4872.00	114.91
3192.500	.00	.00	.00	.00	.00	.00	.00	1365.70	3213.02	892.28	5471.00	115.55
3192.500	.00	.00	.00	.00	.00	.00	.00	1895.16	3934.74	1236.09	7066.00	117.04
3193.500	120.00	105.86	.00	.00	.00	.00	.00	1075.12	792.74	1276.14	3144.00	113.48
3193.500	120.00	105.86	.00	.00	.00	.00	.00	1761.10	1085.33	2025.57	4872.00	115.84
3193.500	120.00	105.86	.00	.00	.00	.00	.00	2004.23	1123.09	2283.68	5471.00	116.54
3193.500	120.00	105.86	.00	.00	.00	.00	.00	2659.11	1434.69	2970.20	7066.00	118.18
3206.500	120.00	105.86	.00	.00	.00	.00	.00	1076.92	799.92	1277.16	3144.00	113.54
3206.500	120.00	105.86	.00	.00	.00	.00	.00	1762.67	1083.10	2026.23	4872.00	115.89
3206.500	120.00	105.86	.00	.00	.00	.00	.00	2005.93	1180.86	2284.21	5471.00	116.59
3206.500	120.00	105.86	.00	.00	.00	.00	.00	2660.78	1434.55	2970.67	7066.00	118.23
3207.500	.00	.00	.00	.00	.00	.00	.00	630.22	2080.21	433.57	3144.00	113.36
3207.500	.00	.00	.00	.00	.00	.00	.00	1104.07	3001.77	766.15	4872.00	115.64
3207.500	.00	.00	.00	.00	.00	.00	.00	1279.36	3304.43	887.21	5471.00	116.31
3207.500	.00	.00	.00	.00	.00	.00	.00	1768.40	4074.81	1222.79	7066.00	117.91
3219.500	.00	.00	.00	.00	.00	.00	.00	624.51	2090.87	428.92	3144.00	113.46
3219.500	.00	.00	.00	.00	.00	.00	.00	1097.71	3012.62	751.67	4872.00	115.76
3219.500	.00	.00	.00	.00	.00	.00	.00	1274.92	3316.78	82.30	5471.00	116.44
3219.500	.00	.00	.00	.00	.00	.00	.00	1760.00	4088.86	1217.14	7066.00	118.04

SECNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QMEIR	QLOB	QCH	QROB	Q	CWSEL
4180.000	.00	.00	.00	.00	.00	.00	.00	702.34	2078.07	281.59	3062.00	117.11
4180.000	.00	.00	.00	.00	.00	.00	.00	1244.42	2880.00	605.58	4730.00	119.47
4180.000	.00	.00	.00	.00	.00	.00	.00	1443.36	3135.34	729.30	5308.00	120.18
4180.000	.00	.00	.00	.00	.00	.00	.00	1991.80	3776.16	1077.04	6845.00	121.86
4428.300	.00	.00	.00	.00	.00	.00	.00	917.01	1579.09	565.91	3062.00	117.92
4428.300	.00	.00	.00	.00	.00	.00	.00	1715.80	1994.87	1019.33	4730.00	120.24
4428.300	.00	.00	.00	.00	.00	.00	.00	1994.16	2131.11	1182.73	5308.00	120.93
4428.300	.00	.00	.00	.00	.00	.00	.00	2731.46	2486.84	1626.69	6845.00	122.59
4506.500	.00	.00	.00	.00	.00	.00	.00	952.86	1526.72	582.42	3062.00	118.25
4506.500	.00	.00	.00	.00	.00	.00	.00	1739.82	1957.52	1032.67	4730.00	120.49
4506.500	.00	.00	.00	.00	.00	.00	.00	2015.62	2096.97	1195.41	5308.00	121.18
4506.500	.00	.00	.00	.00	.00	.00	.00	2748.44	2457.80	1638.76	6845.00	122.81
4507.500	132.00	107.96	.00	.00	.00	.00	.00	1185.65	1162.66	713.69	3062.00	118.28
4507.500	132.00	107.96	.00	.00	.00	.00	.00	2008.62	1539.22	1182.16	4730.00	120.52
4507.500	132.00	107.96	.00	.00	.00	.00	.00	2293.22	1664.56	1350.22	5308.00	121.20
4507.500	132.00	107.96	.00	.00	.00	.00	.00	3045.73	1992.59	1806.68	6845.00	122.84
4508.500	132.00	107.96	.00	.00	.00	.00	.00	1185.93	1162.27	713.80	3062.00	118.28
4508.500	132.00	107.96	.00	.00	.00	.00	.00	2008.79	1538.96	1182.25	4730.00	120.52
4508.500	132.00	107.96	.00	.00	.00	.00	.00	2293.36	1664.33	1350.31	5308.00	121.20
4508.500	132.00	107.96	.00	.00	.00	.00	.00	3045.84	1992.39	1806.77	6845.00	122.84
4509.500	.00	.00	.00	.00	.00	.00	.00	956.45	1521.47	584.09	3062.00	118.28
4509.500	.00	.00	.00	.00	.00	.00	.00	1742.80	1952.85	1034.35	4730.00	120.52
4509.500	.00	.00	.00	.00	.00	.00	.00	2018.37	2092.58	1197.05	5308.00	121.20
4509.500	.00	.00	.00	.00	.00	.00	.00	2750.70	2453.01	1640.39	6845.00	122.83
4528.300	.00	.00	.00	.00	.00	.00	.00	960.88	1514.97	586.15	3062.00	118.36
4528.300	.00	.00	.00	.00	.00	.00	.00	1745.26	1949.01	1035.73	4730.00	120.59
4528.300	.00	.00	.00	.00	.00	.00	.00	2020.33	2089.42	1198.25	5308.00	121.27
4528.300	.00	.00	.00	.00	.00	.00	.00	2751.99	2451.85	1641.26	6845.00	122.90
6180.000	.00	.00	.00	.00	.00	.00	.00	517.49	2096.48	448.03	3062.00	125.34
6180.000	.00	.00	.00	.00	.00	.00	.00	965.56	2803.56	960.87	4730.00	127.13
6180.000	.00	.00	.00	.00	.00	.00	.00	1131.38	3020.64	1155.98	5308.00	127.67
6180.000	.00	.00	.00	.00	.00	.00	.00	1595.41	3546.94	1702.65	6845.00	129.00
6715.500	.00	.00	.00	.00	.00	.00	.00	256.04	2751.38	54.58	3062.00	128.75
6715.500	.00	.00	.00	.00	.00	.00	.00	492.94	4131.98	105.08	4730.00	130.95
6715.500	.00	.00	.00	.00	.00	.00	.00	597.68	4582.44	127.88	5308.00	131.58
6715.500	.00	.00	.00	.00	.00	.00	.00	911.66	5723.16	210.17	6845.00	133.04
6838.500	.00	.00	.00	.00	.00	.00	.00	.00	3062.00	.00	3062.00	129.26
6838.500	.00	.00	.00	.00	.00	.00	.00	479.39	4148.42	102.19	4730.00	131.61
6838.500	.00	.00	.00	.00	.00	.00	.00	576.97	4607.97	123.06	5308.00	132.27
6838.500	.00	.00	.00	.00	.00	.00	.00	891.92	5750.61	202.46	6845.00	133.80

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SECHNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	GPR	QWEIR	QLOB	QCH	QROB	U	CUSEL
6839.500	128.55	130.48	130.06	131.73	30.00	3017.00	46.03	306.11	2690.64	65.25	3062.00	131.27
6839.500	128.55	130.48	132.47	137.51	30.00	3437.86	1278.11	653.95	3922.53	153.53	4730.00	134.21
6839.500	128.55	130.48	133.22	159.70	30.00	3445.06	1880.56	783.95	4328.76	195.28	5308.00	134.82
6839.500	128.55	130.48	134.98	146.17	30.00	3333.91	3514.71	1139.08	5384.56	521.36	6845.00	135.99
6891.500	.00	.00	.00	.00	.00	.00	.00	297.64	2700.91	63.45	3062.00	131.36
6891.500	.00	.00	.00	.00	.00	.00	.00	637.30	3944.48	148.22	4730.00	134.30
6891.500	.00	.00	.00	.00	.00	.00	.00	765.26	4354.06	188.68	5308.00	134.92
6891.500	.00	.00	.00	.00	.00	.00	.00	1116.19	5416.63	312.17	6845.00	136.11
8450.000	.00	.00	.00	.00	.00	.00	.00	262.29	2301.51	232.20	2796.00	137.76
8450.000	.00	.00	.00	.00	.00	.00	.00	619.00	3121.44	560.55	4301.00	140.45
8450.000	.00	.00	.00	.00	.00	.00	.00	749.77	3372.17	698.05	4820.00	141.19
8450.000	.00	.00	.00	.00	.00	.00	.00	1109.07	3995.45	1095.48	6200.00	142.89

SMOKY CREEK, CALDWELL CO
SUMMARY PRINTOUT

SECHO	XLCH	ELMIN	QWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
.010	.00	75.80	88.12	.00	5330.91	5335.00	5407.00	5443.46	112.55	108.00	88.00	84.00
.010	.00	75.80	93.26	.00	5228.12	5335.00	5407.00	5519.14	291.02	108.00	88.00	84.00
.010	.00	75.80	93.95	.00	5213.48	5335.00	5407.00	5531.19	317.71	108.00	88.00	84.00
.010	.00	75.80	95.66	.00	5177.13	5335.00	5407.00	5548.64	371.51	108.00	88.00	84.00
1700.000	3200.00	92.60	103.88	.00	5096.10	5193.00	5227.00	5281.39	185.29	124.00	98.20	97.00
1700.000	3200.00	92.60	105.41	.00	5088.64	5193.00	5227.00	5292.59	203.95	124.00	98.20	97.00
1700.000	3200.00	92.60	106.01	.00	5085.95	5193.00	5227.00	5297.09	211.14	124.00	98.20	97.00
1700.000	3200.00	92.60	107.44	.00	5079.49	5193.00	5227.00	5307.85	228.36	124.00	98.20	97.00
2510.000	810.00	97.60	108.00	.00	5065.06	5125.00	5160.00	5214.94	149.88	120.00	100.00	98.00
2510.000	810.00	97.60	110.05	.00	5057.35	5125.00	5160.00	5258.37	201.02	120.00	100.00	98.00
2510.000	810.00	97.60	110.64	.00	5055.13	5125.00	5160.00	5270.92	215.79	120.00	100.00	98.00
2510.000	810.00	97.60	112.04	.00	5049.81	5125.00	5160.00	5300.29	250.48	120.00	100.00	98.00
3141.500	631.50	101.53	117.15	.00	4969.29	5017.00	5044.00	5076.36	107.07	120.00	105.36	105.13
3141.500	631.50	101.53	114.27	.00	4958.68	5017.00	5044.00	5081.66	122.98	120.00	105.36	105.13
3141.500	631.50	101.53	114.89	.00	4955.58	5017.00	5044.00	5083.21	127.63	120.00	105.36	105.13
3141.500	631.50	101.53	116.34	.00	4949.17	5017.00	5044.00	5086.83	137.65	120.00	105.36	105.13
3192.500	51.00	101.72	112.75	.00	4967.18	5017.00	5044.00	5077.41	110.23	120.19	105.55	105.32
3192.500	51.00	101.72	114.91	.00	4956.39	5017.00	5044.00	5082.81	126.42	120.19	105.55	105.32
3192.500	51.00	101.72	115.55	.00	4953.21	5017.00	5044.00	5084.40	131.19	120.19	105.55	105.32
3192.500	51.00	101.72	117.04	.00	4947.87	5017.00	5044.00	5088.13	140.25	120.19	105.55	105.32
3193.500	1.00	101.07	113.48	120.00	4902.57	4996.50	5023.50	5118.72	216.15	120.00	105.54	105.31
3193.500	1.00	101.07	115.84	120.00	4890.79	4996.50	5023.50	5124.60	233.81	120.00	105.54	105.31
3193.500	1.00	101.07	116.54	120.00	4887.30	4996.50	5023.50	5127.70	240.39	120.00	105.54	105.31
3193.500	1.00	101.07	118.18	120.00	4879.07	4996.50	5023.50	5135.93	256.85	120.00	105.54	105.31
3206.500	13.00	101.07	113.54	120.00	4902.29	4996.50	5023.50	5118.85	216.56	120.00	105.54	105.31
3206.500	13.00	101.07	115.89	120.00	4890.56	4996.50	5023.50	5124.72	234.17	120.00	105.54	105.31
3206.500	13.00	101.07	116.59	120.00	4887.07	4996.50	5023.50	5127.93	240.85	120.00	105.54	105.31
3206.500	13.00	101.07	118.23	120.00	4878.85	4996.50	5023.50	5136.14	257.29	120.00	105.54	105.31
3207.500	1.00	101.75	113.36	.00	4953.20	5000.00	5030.00	5063.40	110.20	120.00	104.00	104.00
3207.500	1.00	101.75	115.64	.00	4941.81	5000.00	5030.00	5069.09	127.28	120.00	104.00	104.00
3207.500	1.00	101.75	116.31	.00	4938.43	5000.00	5030.00	5071.57	133.14	120.00	104.00	104.00
3207.500	1.00	101.75	117.91	.00	4930.46	5000.00	5030.00	5079.54	149.07	120.00	104.00	104.00
3219.500	12.00	102.00	113.46	.00	4953.95	5000.00	5030.00	5063.03	109.08	120.25	104.25	104.25
3219.500	12.00	102.00	115.76	.00	4942.43	5000.00	5030.00	5068.79	126.35	120.25	104.25	104.25
3219.500	12.00	102.00	116.44	.00	4939.05	5000.00	5030.00	5070.95	131.90	120.25	104.25	104.25
3219.500	12.00	102.00	118.04	.00	4931.07	5000.00	5030.00	5078.93	147.85	120.25	104.25	104.25

SECNO	XLCH	ELM'N	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
4180.000	960.50	106.50	117.11	.00	5175.92	5263.00	5307.00	5372.54	196.62	132.00	108.00	108.00
4180.000	960.50	106.50	119.47	.00	5151.52	5263.00	5307.00	5384.37	232.86	132.00	108.00	108.00
4180.000	960.50	106.50	120.18	.00	5144.96	5263.00	5307.00	5387.91	242.95	132.00	108.00	108.00
4180.000	960.50	106.50	121.86	.00	5135.31	5263.00	5307.00	5396.30	260.99	132.00	108.00	108.00
4428.300	248.30	107.00	117.92	.00	4839.02	4990.60	5024.80	5111.29	272.27	132.00	111.47	111.47
4428.300	248.30	107.00	120.24	.00	4824.18	4990.60	5024.80	5126.56	302.39	132.00	111.47	111.47
4428.300	248.30	107.00	120.93	.00	4821.74	4990.60	5024.80	5131.78	310.04	132.00	111.47	111.47
4428.300	248.30	107.00	122.59	.00	4815.93	4990.60	5024.80	5144.23	328.29	132.00	111.47	111.47
4506.500	78.20	107.00	118.25	.00	4836.80	4990.60	5024.80	5113.44	276.64	132.00	111.47	111.47
4506.500	78.20	107.00	120.49	.00	4823.27	4990.60	5024.80	5128.50	305.23	132.00	111.47	111.47
4506.500	78.20	107.00	121.18	.00	4820.89	4990.60	5024.80	5133.61	312.73	132.00	111.47	111.47
4506.500	78.20	107.00	122.81	.00	4815.16	4990.60	5024.80	5145.88	330.72	132.00	111.47	111.47
4507.500	1.00	107.00	118.28	132.00	4836.63	4990.60	5024.80	5113.60	276.98	132.00	111.47	111.47
4507.500	1.00	107.00	120.52	132.00	4823.18	4990.60	5024.80	5128.70	305.52	132.00	111.47	111.47
4507.500	1.00	107.00	121.20	132.00	4820.80	4990.60	5024.80	5133.81	313.01	132.00	111.47	111.47
4507.500	1.00	107.00	122.84	132.00	4815.08	4990.60	5024.80	5146.06	330.99	132.00	111.47	111.47
4508.500	1.00	107.00	118.28	132.00	4836.60	4990.60	5024.80	5113.63	277.03	132.00	111.47	111.47
4508.500	1.00	107.00	120.52	132.00	4823.17	4990.60	5024.80	5128.72	305.56	132.00	111.47	111.47
4508.500	1.00	107.00	121.20	132.00	4820.79	4990.60	5024.80	5133.83	313.04	132.00	111.47	111.47
4508.500	1.00	107.00	122.84	132.00	4815.07	4990.60	5024.80	5146.08	331.02	132.00	111.47	111.47
4509.500	1.00	107.00	118.28	.00	4036.56	4990.60	5024.80	5113.67	277.11	132.00	111.47	111.47
4509.500	1.00	107.00	120.52	.00	4823.15	4990.60	5024.80	5128.75	305.60	132.00	111.47	111.47
4509.500	1.00	107.00	121.20	.00	4820.77	4990.60	5024.80	5133.86	313.08	132.00	111.47	111.47
4509.500	1.00	107.00	122.83	.00	4815.06	4990.60	5024.80	5146.11	331.05	132.00	111.47	111.47
4528.300	18.80	107.04	118.36	.00	4836.27	4990.60	5024.80	5113.95	277.69	132.04	111.51	111.51
4528.300	18.80	107.04	120.59	.00	4823.06	4990.60	5024.80	5128.96	305.90	132.04	111.51	111.51
4528.300	18.80	107.04	121.27	.00	4820.69	4990.60	5024.80	5134.03	313.34	132.04	111.51	111.51
4528.300	18.80	107.04	122.90	.00	4815.00	4990.60	5024.80	5146.23	331.23	132.04	111.51	111.51
6180.000	1652.00	112.50	125.34	.00	5166.43	5232.00	5262.00	5347.10	180.67	136.10	118.00	118.20
6180.000	1652.00	112.50	127.13	.00	5152.19	5232.00	5262.00	5364.70	212.51	136.10	118.00	118.20
6180.000	1652.00	112.50	127.67	.00	5147.15	5232.00	5262.00	5369.93	222.78	136.10	118.00	118.20
6180.000	1652.00	112.50	129.00	.00	5133.05	5232.00	5262.00	5382.69	249.65	136.10	118.00	118.20
6715.500	667.00	116.73	128.75	.00	4966.85	4995.99	5035.72	5043.80	76.95	139.03	119.03	119.03
6715.500	667.00	116.73	130.95	.00	4960.24	4995.99	5035.72	5045.63	85.39	139.03	119.03	119.03
6715.500	667.00	116.73	131.58	.00	4950.41	4995.99	5035.72	5053.24	102.83	139.03	119.03	119.03
6715.500	667.00	116.73	133.04	.00	4925.06	4995.99	5035.72	5073.15	148.09	139.03	119.03	119.03
6838.500	123.00	117.70	129.26	.00	4995.99	4995.99	5035.72	5035.72	39.73	140.00	120.00	120.00
6838.500	123.00	117.70	131.61	.00	4961.18	4995.99	5035.72	5045.37	84.20	140.00	120.00	120.00
6838.500	123.00	117.70	132.27	.00	4955.32	4995.99	5035.72	5049.38	94.05	140.00	120.00	120.00
6838.500	123.00	117.70	133.80	.00	4928.50	4995.99	5035.72	5070.45	141.95	140.00	120.00	120.00

SECNO	XLCH	CLMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
6839.500	23.00	117.70	131.27	128.55	4962.18	4995.99	5035.72	5045.10	82.92	140.00	120.00	120.00
6839.500	23.00	117.70	134.21	128.55	4921.35	4995.99	5035.72	5076.07	154.72	140.00	120.00	120.00
6839.500	23.00	117.70	134.82	128.55	4910.57	4995.99	5035.72	5084.54	173.96	140.00	120.00	120.00
6839.500	23.00	117.70	135.99	128.55	4890.14	4995.99	5035.72	5100.59	210.44	140.00	120.00	120.00
6891.500	30.00	117.90	131.36	.00	4962.52	4995.99	5035.72	5045.00	82.48	140.20	120.20	120.20
6891.500	30.00	117.90	134.30	.00	4923.24	4995.99	5035.72	5074.59	151.35	140.20	120.20	120.20
6891.500	30.00	117.90	134.92	.00	4912.34	4995.99	5035.72	5083.14	170.80	140.20	120.20	120.20
6891.500	30.00	117.90	136.11	.00	4891.56	4995.99	5035.72	5099.48	207.92	140.20	120.20	120.20
8450.000	1450.00	125.30	137.76	.00	5043.40	5083.00	5110.00	5147.40	104.00	148.00	128.00	128.00
8450.000	1450.00	125.30	140.45	.00	5032.72	5083.00	5110.00	5170.99	138.26	148.00	128.00	128.00
8450.000	1450.00	125.30	141.19	.00	5029.04	5083.00	5110.00	5177.43	148.39	148.00	128.00	128.00
8450.000	1450.00	125.30	142.89	.00	5020.55	5083.00	5110.00	5192.29	171.75	148.00	128.00	128.00

THIS RUN EXECUTED 11/20/85 16:29:17

 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-XT VERSION

C
 T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/20/85 10-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.004840	.00	.0	0.	80.000	.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	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	4.000	3500.000	5430.000	6102.000	7893.000	.000	.000	.000	.000	.000
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000

FIELD 1 OF THE X1 CARD IS THE DISTANCE ABOVE THE COUNTY LINE

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATION
 ABOVE SEA LEVEL. ELEVATIONS ADJUSTED FOR PROGRAM.

CROSS SECTION: SMA
SMA LIES 1500 DOWNSTREAM OF THE COUNTY LINE

X1	.010	25.000	5335.000	5407.000	.000	.000	.000	.000	.000	.000
GR	108.000	5000.000	104.000	5080.000	100.000	5120.000	96.000	5170.000	92.000	5255.000
GR	89.000	5300.000	88.000	5335.000	84.000	5345.000	80.000	5355.000	77.100	5365.000
GR	75.800	5370.000	75.900	5377.000	77.100	5384.000	78.500	5392.000	80.000	5397.000
GR	84.000	5407.000	85.000	5422.000	88.000	5442.000	90.000	5467.000	92.000	5497.000
GR	94.000	5532.000	96.000	5552.000	100.000	5567.000	104.000	5577.000	108.000	5592.000
QT	4.000	3302.000	5115.000	5745.000	7422.000	.000	.000	.000	.000	.000

CROSS SECTION: SMB

X1	1700.000	28.000	5193.000	5227.000	3160.000	3125.000	3200.000	.000	.000	.000
GR	124.000	5000.000	120.000	5025.000	116.000	5040.000	112.000	5045.000	108.000	5077.000
GR	104.000	5095.000	102.000	5113.000	100.000	5150.000	100.000	5150.100	100.000	5150.200
GR	98.200	5193.000	93.800	5200.000	93.000	5203.000	92.900	5208.000	92.600	5218.000
GR	93.000	5223.000	97.000	5227.000	100.000	5261.900	100.000	5262.000	104.000	5282.000
GR	106.000	5297.000	108.000	5312.000	112.000	5332.000	113.000	5352.000	114.000	5387.000
GR	116.000	5412.000	120.000	5437.000	124.000	5462.000	.000	.000	.000	.000
X1	2510.000	17.000	5125.000	5160.000	785.000	885.000	810.000	.000	.000	.000
GR	120.000	5000.000	116.000	5030.000	112.000	5050.000	108.000	5065.000	104.000	5100.000
GR	100.000	5125.000	98.800	5135.000	98.000	5137.800	97.900	5143.600	97.600	5154.400
GR	98.000	5160.000	100.000	5175.000	104.000	5180.000	108.000	5215.000	112.000	5300.000
GR	116.000	5330.000	120.000	5350.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.075	.000	.000	.000	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3141.500	22.000	5017.000	5044.000	660.000	575.000	631.500	.000	.000	.000
GR	124.000	4920.000	120.000	4940.000	116.000	4950.000	112.000	4970.000	108.000	4990.000
GR	108.000	4990.010	108.000	4990.020	105.180	5000.000	105.380	5010.000	105.360	5017.000
GR	102.570	5021.500	102.230	5026.500	102.030	5031.500	101.530	5036.000	102.570	5040.000
GR	105.130	5044.000	106.580	5054.000	107.590	5064.000	108.000	5066.000	112.000	5076.000
GR	116.000	5086.000	120.000	5096.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	3192.500	.000	.000	.000	43.000	100.000	51.000	.000	.190	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.300	105.860	.000

BRIDGE #1, DIRT ROAD

WIDTH: 13 FEET
ELLIP: 105.14

X1	3193.500	28.000	4996.500	5023.500	1.000	1.000	1.000	.000	.000	.000
BT	-28.000	4870.000	120.000	120.000	4890.000	116.000	116.000	4910.000	112.000	112.000
BT	.000	4920.000	108.000	108.000	4950.000	107.570	107.570	4975.000	106.680	106.680
BT	.000	4979.500	106.600	105.180	4989.500	106.420	105.560	4995.000	106.330	105.630
BT	.000	4996.500	106.300	105.540	5000.000	106.240	103.370	5000.990	106.240	102.750
BT	.000	5001.000	106.240	105.010	5007.000	106.230	105.110	5012.600	106.370	105.170
BT	.000	5014.000	106.410	105.190	5015.000	106.430	105.190	5018.000	106.160	105.220

BT	.000	5018.010	106.160	104.810	5023.500	106.250	105.310	5040.000	106.520	106.520
BT	.000	5065.000	105.860	105.860	5085.000	102.000	108.000	5108.500	109.400	109.400
BT	.000	5115.000	112.000	112.000	5117.500	113.000	113.000	5125.000	116.000	116.000
BT	.000	5145.000	120.000	120.000	.000	.000	.000	.000	.000	.000
GR	120.000	4870.000	116.000	4890.000	112.000	4910.000	108.000	4920.000	107.570	4950.000
GR	106.680	4975.000	105.180	4979.500	105.560	4989.500	105.540	4995.000	105.540	4996.500
GR	103.370	5000.000	102.750	5000.990	102.750	5001.000	101.070	5007.000	102.750	5012.600
GR	102.070	5014.000	102.760	5015.000	104.810	5018.000	104.810	5018.010	105.310	5023.500
GR	106.520	5040.000	105.860	5065.000	108.000	5085.000	109.400	5108.500	112.000	5115.000
GR	113.000	5117.500	116.000	5125.000	120.000	5145.000	.000	.000	.000	.000

X1	3206.500	.000	.000	.000	13.000	13.000	13.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

X1	3207.500	14.000	5000.000	5030.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.230	106.420	.000
GR	120.000	4920.000	116.000	4940.000	112.000	4960.000	108.000	4970.000	104.000	5000.000
GR	102.080	5011.000	102.500	5019.500	102.910	5022.500	101.750	5023.000	104.000	5030.000
GR	108.000	5050.000	112.000	5060.000	116.000	5070.000	120.000	5090.000	.000	.000

END BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3219.500	.000	.000	.000	68.000	3.000	12.000	.000	.250	.000
QT	4.000	3232.000	4989.000	5598.000	7219.000	.000	.000	.000	.000	.000
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000

CROSS SECTION: SMC

X1	4180.000	26.000	5263.000	5307.000	890.000	1025.000	960.500	.000	.000	.000
GR	132.000	5000.000	129.000	5035.000	128.000	5063.000	126.000	5098.000	124.000	5123.000
GR	120.000	5146.000	118.000	5167.000	116.000	5187.000	114.000	5200.000	112.000	5225.000
GR	110.000	5240.000	108.000	5263.000	107.000	5268.000	106.600	5272.000	106.700	5277.000
GR	106.500	5282.000	107.000	5287.000	108.000	5307.000	112.000	5317.000	113.000	5332.000
GR	116.000	5352.000	117.000	5372.000	120.000	5387.000	124.000	5407.000	128.000	5422.000
GR	132.000	5442.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1	4428.300	20.000	4990.600	5024.800	235.000	240.000	248.300	.000	.000	.000
GR	132.000	4775.000	128.000	4797.000	124.000	4811.000	120.000	4825.000	116.000	4852.000
GR	111.470	4990.600	108.530	4993.600	107.960	5000.000	107.960	5000.010	107.000	5009.900
GR	108.510	5016.800	109.360	5019.800	111.470	5024.800	111.360	5036.800	111.590	5036.810
GR	116.000	5098.800	120.000	5124.800	124.000	5154.800	128.000	5169.800	132.000	5201.800
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000

BRIDGE #1A, ABANDON PIER WIDTH: 1 FOOT
ELLC: 115.89

X1	4506.500	.000	.000	.000	125.000	43.000	78.200	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	115.880	115.890	.000
X1	4507.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-20.000	4775.000	132.000	132.000	4797.000	128.000	128.000	4811.000	124.000	124.000
BT	.000	4825.000	120.000	120.000	4852.000	116.000	116.000	4990.600	111.470	111.470
BT	.000	4993.600	108.520	108.520	5000.000	107.960	107.960	5000.010	111.820	107.960
BT	.000	5009.900	111.840	107.000	5016.800	111.850	108.510	5019.800	111.860	109.360
BT	.000	5024.800	111.780	111.470	5036.800	111.590	111.360	5036.810	111.590	111.590
BT	.000	5098.800	116.000	116.000	5124.800	120.000	120.000	5154.800	124.000	124.000
BT	.000	5169.800	128.000	128.000	5201.800	132.000	132.000	.000	.000	.000
X1	4508.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X1	4509.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	115.880	115.890	.000

END BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1	4528.300	.000	.000	.000	43.000	16.000	18.800	.000	.040	.000
NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000

CROSS SECTION: SMD SURVEY BY KSH+M

X1	6180.000	18.000	5232.000	5262.000	1810.000	1485.000	1652.000	.000	2.000	.000
GR	135.100	5000.000	132.800	5050.000	130.100	5100.000	125.400	5150.000	122.900	5179.000
GR	119.600	5200.000	116.000	5232.000	113.500	5242.000	110.500	5250.000	110.900	5258.000
GR	116.200	5262.000	118.800	5269.000	120.000	5300.000	122.200	5334.000	123.600	5350.000
GR	128.790	5400.000	131.500	5444.000	134.100	5500.000	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #2

X1	6715.500	12.000	4995.990	5035.720	650.000	635.000	667.000	.000	-.970	.000
GR	140.000	4865.000	136.000	4890.000	132.000	4960.000	120.000	4995.990	118.060	5003.500
GR	117.700	5007.000	117.900	5017.000	118.060	5025.000	120.000	5035.720	132.000	5045.700
GR	136.000	5100.700	140.000	5125.700	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	6838.500	.000	.000	.000	95.000	130.000	123.000	.000	.970	.000
X3	10.000	.000	.000	.000	.000	.000	.000	130.480	131.240	.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

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

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECCO	HL	OLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
.010	.00	.00	88.79	.46	88.33	.00	75.80	48.44	.00	703.79	502.87	.00
.010	.00	.00	93.80	.27	93.54	.00	75.80	17.05	.00	1806.91	1315.00	.00
.010	.00	.00	94.57	.27	94.30	.00	75.80	16.86	.00	2047.60	1485.94	.00
.010	.00	.00	96.27	.30	95.98	.00	75.80	16.94	.00	2642.74	1917.57	.00
1700.000	15.73	.00	104.52	.43	104.09	15.76	92.60	50.17	.00	936.05	466.19	3200.00
1700.000	12.33	.09	106.23	.57	105.66	12.12	92.60	60.42	.00	1245.75	658.02	3200.00
1700.000	12.19	.09	106.85	.59	106.27	11.97	92.60	59.72	.00	1375.00	743.40	3200.00
1700.000	11.99	.10	108.36	.63	107.73	11.76	92.60	58.46	.00	1701.15	970.73	3200.00
2510.000	4.15	.01	108.69	.47	108.21	4.12	97.60	51.37	.00	825.37	460.69	810.00
2510.000	4.65	.00	110.88	.59	110.29	4.64	97.60	53.49	.00	1202.12	699.37	810.00
2510.000	4.65	.01	111.51	.62	110.89	4.62	97.60	53.99	.00	1332.47	781.86	810.00
2510.000	4.63	.02	113.01	.68	112.33	4.60	97.60	54.62	.00	1676.79	1004.24	810.00
3141.500	4.36	.09	113.14	.77	112.37	4.16	101.53	94.04	.00	637.58	340.50	631.50
3141.500	4.50	.11	115.49	.96	114.53	4.23	101.53	96.06	.00	889.65	521.88	631.50
3141.500	4.55	.12	116.18	1.02	115.15	4.26	101.53	97.37	.00	969.28	582.21	631.50
3141.500	4.65	.15	117.81	1.18	116.62	4.30	101.53	100.85	.00	1167.58	739.08	631.50
3192.500	.48	.03	113.65	.67	112.98	.61	101.72	78.36	.00	684.48	373.02	51.00
3192.500	.50	.03	116.02	.85	115.18	.65	101.72	81.56	.00	948.54	566.37	51.00
3192.500	.51	.04	116.72	.90	115.82	.67	101.72	82.84	.00	1032.74	631.20	51.00
3192.500	.53	.04	118.38	1.04	117.34	.71	101.72	85.84	.00	1242.07	801.06	51.00
3193.500	.01	.17	113.82	.10	113.73	.75	101.07	43.49	120.00	1380.95	500.68	1.00
3193.500	.01	.22	116.25	.12	116.13	.95	101.07	37.93	120.00	1925.88	830.53	1.00
3193.500	.01	.23	116.96	.13	116.84	1.02	101.07	37.05	120.00	2095.99	943.86	1.00
3193.500	.01	.27	118.66	.14	118.51	1.18	101.07	35.82	120.00	2518.28	1240.17	1.00
3206.500	.06	.00	113.88	.10	113.78	.06	101.07	42.37	120.00	1392.84	507.30	13.00
3206.500	.05	.00	116.29	.12	116.18	.05	101.07	37.27	120.00	1936.96	837.80	13.00
3206.500	.05	.00	117.01	.12	116.89	.05	101.07	36.46	120.00	2107.08	951.38	13.00
3206.500	.05	.00	118.70	.14	118.56	.05	101.07	35.35	120.00	2529.51	1248.33	13.00

SECNO	HL	DLOSS	EG	HV	CMSEL	DIFMSX	ELMIN	10K'S	ELLC	AREA	.01K	XLCH
3207.500	.00	.19	114.08	.48	113.60	-.19	101.75	49.77	.00	786.77	468.05	1.00
3207.500	.00	.26	116.56	.65	115.92	-.26	101.75	54.25	.00	1066.98	694.46	1.00
3207.500	.00	.29	117.30	.70	116.60	-.28	101.75	55.45	.00	1158.07	771.52	1.00
3207.500	.00	.34	119.05	.82	118.23	-.33	101.75	58.28	.00	1392.12	972.22	1.00
3219.500	.11	.01	114.20	.50	113.70	.10	102.00	52.61	.00	770.35	455.25	12.00
3219.500	.13	.01	116.70	.67	116.04	.12	102.00	56.38	.00	1051.03	681.21	12.00
3219.500	.13	.01	117.44	.72	116.73	.12	102.00	57.54	.00	1141.57	737.34	12.00
3219.500	.15	.01	119.20	.84	118.36	.14	102.00	60.23	.00	1373.75	956.33	12.00
4180.000	3.39	.02	117.62	.26	117.36	3.66	106.50	26.90	.00	1107.49	623.20	960.50
4180.000	3.33	.04	120.07	.29	119.78	3.74	106.50	25.36	.00	1636.42	990.72	960.50
4180.000	3.32	.04	120.80	.30	120.50	3.77	106.50	24.96	.00	1810.80	1120.50	960.50
4180.000	3.29	.05	122.54	.33	122.21	3.85	106.50	24.20	.00	2248.93	1467.35	960.50
4428.300	.76	.00	118.38	.21	118.17	.81	107.00	35.97	.00	1331.63	538.89	248.30
4428.300	.65	.01	120.73	.19	120.54	.76	107.00	27.95	.00	2019.96	943.64	248.30
4428.300	.52	.01	121.44	.19	121.25	.75	107.00	26.44	.00	2239.41	1088.67	248.30
4428.300	.58	.01	123.14	.19	122.94	.73	107.00	23.86	.00	2787.54	1477.78	248.30
4506.500	.28	.01	118.67	.18	118.50	.32	107.00	30.32	.00	1420.70	586.94	78.20
4506.500	.33	.00	120.97	.17	120.79	.25	107.00	25.18	.00	2097.73	994.27	78.20
4506.500	.32	.00	121.66	.17	121.49	.24	107.00	24.11	.00	2315.01	1140.13	78.20
4506.500	.20	.00	123.34	.18	123.16	.22	107.00	22.21	.00	2860.06	1531.88	78.20
4507.500	.00	.01	118.68	.16	118.52	.03	107.00	45.08	132.00	1337.60	481.38	1.00
4507.500	.00	.01	120.97	.16	120.82	.03	107.00	32.67	132.00	2015.50	872.78	1.00
4507.500	.00	.01	121.67	.16	121.51	.03	107.00	30.48	132.00	2232.80	1013.97	1.00
4507.500	.00	.01	123.35	.16	123.19	.02	107.00	26.78	132.00	2777.86	1394.97	1.00
4508.500	.00	.00	118.69	.16	118.53	.00	107.00	44.98	132.00	1338.66	481.93	1.00
4508.500	.00	.00	120.98	.16	120.82	.00	107.00	32.63	132.00	2016.40	873.35	1.00
4508.500	.00	.00	121.67	.16	121.52	.00	107.00	30.45	132.00	2233.67	1014.55	1.00
4508.500	.00	.00	123.35	.16	123.19	.00	107.00	26.76	132.00	2778.69	1395.58	1.00
4509.500	.00	.01	118.70	.18	118.52	.00	107.00	29.77	.60	1430.57	592.35	1.00
4509.500	.00	.01	120.99	.17	120.82	-.01	107.00	24.84	.00	2107.95	1000.99	1.00
4509.500	.00	.01	121.68	.17	121.51	-.01	107.00	23.82	.00	2325.15	1147.09	1.00
4509.500	.00	.01	123.36	.18	123.18	-.01	107.00	21.99	.00	2870.09	1539.41	1.00
4528.300	.08	.00	118.77	.17	118.60	.08	107.04	29.15	.00	1442.06	598.66	18.80
4528.300	.07	.00	121.06	.17	120.89	.07	107.04	24.58	.00	2115.95	1006.26	18.80
4528.300	.07	.00	121.75	.17	121.58	.07	107.04	23.62	.00	2332.09	1151.85	18.80
4528.300	.06	.00	123.42	.18	123.25	.06	107.04	21.88	.00	2875.16	1543.22	18.80
6180.000	7.17	.10	126.04	.49	125.55	6.95	112.50	63.89	.00	842.70	404.35	1652.00
6180.000	6.77	.12	127.95	.57	127.37	6.49	112.50	67.54	.00	1209.02	607.08	1652.00
6180.000	6.65	.13	128.52	.59	127.93	6.35	112.50	67.76	.00	1333.05	680.07	1652.00
6180.000	6.37	.13	129.92	.62	129.30	6.05	112.50	67.10	.60	1663.40	881.26	1652.00

SECNO	HL	OLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
6715.500	3.50	.02	129.56	.56	129.01	3.46	116.73	44.60	.00	650.13	483.96	667.00
6715.500	4.06	.08	132.09	.85	131.24	3.86	116.73	55.52	.00	834.64	669.58	667.00
6715.500	4.19	.11	132.82	.95	131.87	3.94	116.73	58.72	.00	899.11	730.54	667.00
6715.500	4.44	.17	134.53	1.18	133.35	4.05	116.73	66.05	.00	1097.22	888.23	667.00
6838.500	.66	.14	130.36	.83	129.53	.52	117.70	63.43	.00	441.75	405.80	123.00
6838.500	.70	.03	132.82	.91	131.91	.67	117.70	60.39	.00	808.11	641.97	123.00
6838.500	.73	.03	133.58	1.00	132.58	.71	117.70	63.09	.00	870.79	704.77	123.00
6838.500	.81	.02	135.36	1.22	134.14	.79	117.70	69.27	.00	1069.13	867.38	123.00
6839.500	1.75	.00	132.10	.40	131.71	2.18	117.70	27.72	128.55	786.17	613.90	23.00
6839.500	2.24	.00	135.05	.54	134.51	2.60	117.70	30.75	128.55	1125.19	899.66	23.00
6839.500	2.12	.00	135.70	.61	135.09	2.51	117.70	33.24	128.55	1226.35	971.01	23.00
6839.500	1.66	.00	137.01	.79	136.22	2.09	117.70	41.12	128.55	1452.93	1125.76	23.00
6891.500	.09	.00	132.20	.40	131.79	.09	117.90	27.67	.00	781.08	614.39	30.00
6891.500	.10	.00	135.16	.55	134.61	.10	117.90	30.76	.00	1112.66	895.55	30.00
6891.500	.11	.00	135.81	.61	135.20	.10	117.90	33.21	.00	1213.24	971.42	30.00
6891.500	.14	.01	137.16	.80	136.35	.13	117.90	40.97	.00	1441.17	1127.79	30.00
8450.000	6.55	.10	138.84	.73	138.12	6.32	125.30	63.34	.00	600.81	374.07	1450.00
8450.000	6.38	.07	141.61	.79	140.83	6.22	125.30	58.23	.00	940.99	599.67	1450.00
8450.000	6.51	.06	142.38	.81	141.57	6.37	125.30	57.55	.00	1051.34	675.98	1450.00
8450.000	6.97	.02	144.14	.85	143.29	6.94	125.30	56.48	.00	1336.05	876.98	1450.00

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SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QMETR	QLOB	QCH	QROB	Q	CMSEL
.010	.00	.00	.00	.00	.00	.00	.00	.40	3364.99	134.60	3500.00	88.53
.010	.00	.00	.00	.00	.00	.00	.00	337.81	4449.92	642.27	5430.00	93.54
.010	.00	.00	.00	.00	.00	.00	.00	460.88	4844.99	796.13	6102.00	94.30
.010	.00	.00	.00	.00	.00	.00	.00	827.57	5833.62	1231.82	7893.00	95.98
1700.000	.00	.00	.00	.00	.00	.00	.00	623.05	2200.98	477.98	3302.00	104.09
1700.000	.00	.00	.00	.00	.00	.00	.00	1203.65	3058.42	852.94	5115.00	105.66
1700.000	.00	.00	.00	.00	.00	.00	.00	1436.77	3306.97	1001.26	5745.00	106.27
1700.000	.00	.00	.00	.00	.00	.00	.00	2070.66	3934.70	1416.64	7422.00	107.73
2510.000	.00	.00	.00	.00	.00	.00	.00	461.39	2256.79	583.82	3302.00	108.21
2510.000	.00	.00	.00	.00	.00	.00	.00	902.51	3165.27	1047.22	5115.00	110.29
2510.000	.00	.00	.00	.00	.00	.00	.00	1060.82	3453.30	1230.88	5745.00	110.89
2510.000	.00	.00	.00	.00	.00	.00	.00	1485.64	4159.17	1777.19	7422.00	112.33
3141.500	.00	.00	.00	.00	.00	.00	.00	676.22	2193.89	431.89	3302.00	112.37
3141.500	.00	.00	.00	.00	.00	.00	.00	1219.88	3099.67	795.45	5115.00	114.53
3141.500	.00	.00	.00	.00	.00	.00	.00	1418.41	3400.14	926.45	5745.00	115.15
3141.500	.00	.00	.00	.00	.00	.00	.00	1969.80	4166.73	1285.47	7422.00	116.62
3192.500	.00	.00	.00	.00	.00	.00	.00	700.47	2151.15	450.38	3302.00	112.98
3192.500	.00	.00	.00	.00	.00	.00	.00	1252.07	3045.39	817.54	5115.00	115.18
3192.500	.00	.00	.00	.00	.00	.00	.00	1453.79	3341.18	950.02	5745.00	115.82
3192.500	.00	.00	.00	.00	.00	.00	.00	2016.53	4091.12	1314.35	7422.00	117.34
3193.500	120.00	105.86	.00	.00	.00	.00	.00	1137.24	819.92	1344.84	3302.00	113.73
3193.500	120.00	105.86	.00	.00	.00	.00	.00	1859.24	1125.31	2130.45	5115.00	116.13
3193.500	120.00	105.86	.00	.00	.00	.00	.00	2116.05	1227.40	2401.55	5745.00	116.84
3193.500	120.00	105.86	.00	.00	.00	.00	.00	2806.21	1492.24	3123.54	7422.00	118.51
3206.500	120.00	105.86	.00	.00	.00	.00	.00	1138.99	817.19	1345.82	3302.00	113.78
3206.500	120.00	105.86	.00	.00	.00	.00	.00	1860.95	1123.05	2131.00	5115.00	116.18
3206.500	120.00	105.86	.00	.00	.00	.00	.00	2117.74	1225.20	2402.06	5745.00	116.89
3206.500	120.00	105.86	.00	.00	.00	.00	.00	2807.88	1490.11	3124.01	7422.00	118.56
3207.500	.00	.00	.00	.00	.00	.00	.00	671.67	2167.46	462.87	3302.00	113.60
3207.500	.00	.00	.00	.00	.00	.00	.00	1174.01	3126.25	814.74	5115.00	115.92
3207.500	.00	.00	.00	.00	.00	.00	.00	1361.49	3439.98	943.53	5745.00	116.60
3207.500	.00	.00	.00	.00	.00	.00	.00	1880.35	4241.77	1299.88	7422.00	118.23
3219.500	.00	.00	.00	.00	.00	.00	.00	665.59	2178.22	458.20	3302.00	113.70
3219.500	.00	.00	.00	.00	.00	.00	.00	1167.46	3137.35	810.19	5115.00	116.04
3219.500	.00	.00	.00	.00	.00	.00	.00	1353.88	3452.60	938.52	5745.00	116.73
3219.500	.00	.00	.00	.00	.00	.00	.00	1871.78	4256.17	1294.06	7422.00	118.36

SECNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QWEIR	QLOB	QCH	QROB	Q	CWSEL
4180.000	.00	.00	.00	.00	.00	.00	.00	754.28	2167.11	310.61	3232.00	117.36
4180.000	.00	.00	.00	.00	.00	.00	.00	1331.73	2998.14	659.14	4989.00	119.78
4180.000	.00	.00	.00	.00	.00	.00	.00	1543.78	3262.34	791.88	5598.00	120.50
4180.000	.00	.00	.00	.00	.00	.00	.00	2126.65	3929.38	1162.97	7219.00	122.21
4428.300	.00	.00	.00	.00	.00	.00	.00	997.15	1624.08	610.77	3232.00	118.17
4428.300	.00	.00	.00	.00	.00	.00	.00	1839.31	2058.10	1091.59	4989.00	120.54
4428.300	.00	.00	.00	.00	.00	.00	.00	2132.18	2201.20	1264.61	5598.00	121.25
4428.300	.00	.00	.00	.00	.00	.00	.00	2909.11	2573.97	1735.92	7219.00	122.94
4506.500	.00	.00	.00	.00	.00	.00	.00	1031.30	1574.02	626.68	3232.00	118.50
4506.500	.00	.00	.00	.00	.00	.00	.00	1862.31	2022.60	1104.69	4989.00	120.79
4506.500	.00	.00	.00	.00	.00	.00	.00	2152.79	2168.02	1277.18	5598.00	121.49
4506.500	.00	.00	.00	.00	.00	.00	.00	2923.45	2545.50	1748.05	7219.00	123.16
4507.500	132.00	107.96	.00	.00	.00	.00	.00	1269.17	1202.54	760.30	3232.00	118.52
4507.500	132.00	107.96	.00	.00	.00	.00	.00	2135.60	1596.58	1256.83	4989.00	120.82
4507.500	132.00	107.96	.00	.00	.00	.00	.00	2434.95	1728.25	1434.80	5598.00	121.51
4507.500	132.00	107.96	.00	.00	.00	.00	.00	3227.42	2072.34	1919.24	7219.00	123.19
4508.500	132.00	107.96	.00	.00	.00	.00	.00	1269.43	1202.17	760.40	3232.00	118.53
4508.500	132.00	107.96	.00	.00	.00	.00	.00	2135.75	1596.32	1256.92	4989.00	120.82
4508.500	132.00	107.96	.00	.00	.00	.00	.00	2435.03	1728.02	1434.89	5598.00	121.52
4508.500	132.00	107.96	.00	.00	.00	.00	.00	3227.53	2072.14	1919.33	7219.00	123.19
4509.500	.00	.00	.00	.00	.00	.00	.00	1034.86	1568.79	628.35	3232.00	118.52
4509.500	.00	.00	.00	.00	.00	.00	.00	1865.21	2017.43	1106.36	4989.00	120.82
4509.500	.00	.00	.00	.00	.00	.00	.00	2155.46	2163.71	1278.83	5598.00	121.51
4509.500	.00	.00	.00	.00	.00	.00	.00	2927.64	2541.66	1749.70	7219.00	123.18
4528.300	.00	.00	.00	.00	.00	.00	.00	1038.95	1562.77	630.28	3232.00	118.60
4528.300	.00	.00	.00	.00	.00	.00	.00	1867.46	2013.87	1107.67	4989.00	120.89
4528.300	.00	.00	.00	.00	.00	.00	.00	2157.27	2160.78	1279.95	5598.00	121.58
4528.300	.00	.00	.00	.00	.00	.00	.00	2928.74	2539.73	1750.53	7219.00	123.25
6180.000	.00	.00	.00	.00	.00	.00	.00	561.26	2174.96	495.78	3232.00	125.55
6180.000	.00	.00	.00	.00	.00	.00	.00	1038.94	2902.19	1047.87	4989.00	127.37
6180.000	.00	.00	.00	.00	.00	.00	.00	1216.98	3124.53	1256.49	5598.00	127.93
6180.000	.00	.00	.00	.00	.00	.00	.00	1712.45	3665.61	1840.94	7219.00	129.30
6715.500	.00	.00	.00	.00	.00	.00	.00	278.21	2894.49	59.30	3232.00	129.01
6715.500	.00	.00	.00	.00	.00	.00	.00	538.39	4335.80	114.81	4989.00	131.24
6715.500	.00	.00	.00	.00	.00	.00	.00	653.18	4804.07	140.75	5598.00	131.87
6715.500	.00	.00	.00	.00	.00	.00	.00	995.29	5987.89	235.82	7219.00	133.35
6838.500	.00	.00	.00	.00	.00	.00	.00	.00	3232.00	.00	3232.00	129.53
6838.500	.00	.00	.00	.00	.00	.00	.00	519.45	4358.82	110.73	4989.00	131.91
6838.500	.00	.00	.00	.00	.00	.00	.00	632.78	4829.75	135.47	5598.00	132.58
6838.500	.00	.00	.00	.00	.00	.00	.00	975.69	6015.84	227.47	7219.00	134.14

SECNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QWEIR	QLC8	QCH	QROS	Q	CWSEL
6839.500	128.55	130.48	130.38	132.28	30.00	3125.98	101.69	336.02	2824.34	71.63	3232.00	131.71
6839.500	128.55	130.48	132.82	138.48	30.00	3451.89	1556.87	712.77	4104.10	172.12	4989.00	134.51
6839.500	128.55	130.48	133.58	140.85	30.00	3438.55	2189.13	850.66	4529.38	217.96	5598.00	135.09
6839.500	128.55	130.48	135.36	147.87	30.00	3302.68	3922.38	1233.46	5625.83	359.70	7219.00	136.22
6891.500	.00	.00	.00	.00	.00	.00	.00	327.05	2835.23	69.72	3232.00	131.79
6891.500	.00	.00	.00	.00	.00	.00	.00	695.14	4127.67	166.19	4989.00	134.61
6891.500	.00	.00	.00	.00	.00	.00	.00	831.02	4556.22	210.76	5598.00	135.20
6891.500	.00	.00	.00	.00	.00	.00	.00	1208.41	5661.89	348.70	7219.00	136.35
8450.000	.00	.00	.00	.00	.00	.00	.00	301.27	2410.97	264.76	2977.00	138.12
8450.000	.00	.00	.00	.00	.00	.00	.00	685.95	3260.07	629.98	4576.00	140.83
8450.000	.00	.00	.00	.00	.00	.00	.00	826.31	3521.71	779.98	5128.00	141.57
8450.000	.00	.00	.00	.00	.00	.00	.00	1211.06	4168.04	1211.60	6590.70	143.29

SMOXY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECNO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
.010	.00	75.80	88.33	.00	5323.38	5335.00	5407.00	5446.15	122.77	108.00	88.00	84.00
.010	.00	75.80	93.54	.00	5222.30	5335.00	5407.00	5523.93	301.63	108.00	88.00	84.00
.010	.00	75.80	94.30	.00	5206.11	5335.00	5407.00	5535.01	328.89	108.00	88.00	84.00
.010	.00	75.80	95.98	.00	5470.53	5335.00	5407.00	5551.75	381.22	108.00	88.00	84.00
1700.000	3200.00	92.60	104.09	.00	5094.60	5193.00	5227.00	5282.67	188.06	124.00	98.20	97.00
1700.000	3200.00	92.60	105.66	.00	5087.54	5193.00	5227.00	5294.43	206.88	124.00	98.20	97.00
1700.000	3200.00	92.60	106.27	.00	5084.78	5193.00	5227.00	5299.03	214.25	124.00	98.20	97.00
1700.000	3200.00	92.60	107.73	.00	5078.20	5193.00	5227.00	5310.00	231.80	124.00	98.20	97.00
2510.000	810.00	97.60	108.21	.00	5064.23	5125.00	5160.00	5219.37	155.14	120.00	100.00	98.00
2510.000	810.00	97.60	110.29	.00	5056.43	5125.00	5160.00	5263.57	207.14	120.00	100.00	98.00
2510.000	810.00	97.60	110.89	.00	5054.15	5125.00	5160.00	5276.47	222.31	120.00	100.00	98.00
2510.000	810.00	97.60	112.33	.00	5048.36	5125.00	5160.00	5302.46	254.11	120.00	100.00	98.00
3141.500	631.50	101.53	112.37	.00	4968.18	5017.00	5044.00	5076.91	108.72	120.00	105.36	105.13
3141.500	631.50	101.53	114.53	.00	4957.39	5017.00	5044.00	5082.30	124.91	120.00	105.36	105.13
3141.500	631.50	101.53	115.15	.00	4954.27	5017.00	5044.00	5083.87	129.60	120.00	105.36	105.13
3141.500	631.50	101.53	116.62	.00	4948.46	5017.00	5044.00	5087.54	139.09	120.00	105.36	105.13
3192.500	51.00	101.72	112.98	.00	4966.06	5017.00	5044.00	5077.97	111.91	120.19	105.55	105.32
3192.500	51.00	101.72	115.18	.00	4955.07	5017.00	5044.00	5083.46	128.40	120.19	105.55	105.32
3192.500	51.00	101.72	115.82	.00	4951.85	5017.00	5044.00	5085.07	133.22	120.19	105.55	105.32
3192.500	51.00	101.72	117.34	.00	4947.13	5017.00	5044.00	5088.87	141.74	120.19	105.55	105.32
3193.500	1.00	101.07	113.73	120.00	4901.35	4996.50	5023.50	5119.32	217.97	120.00	105.54	105.31
3193.500	1.00	101.07	116.13	120.00	4889.35	4996.50	5023.50	5125.65	236.31	120.00	105.54	105.31
3193.500	1.00	101.07	116.84	120.00	4885.80	4996.50	5023.50	5129.20	243.40	120.00	105.54	105.31
3193.500	1.00	101.07	118.51	120.00	4877.42	4996.50	5023.50	5137.58	260.17	120.00	105.54	105.31
3206.500	13.00	101.07	113.78	120.00	4901.08	4996.50	5023.50	5119.46	218.38	120.00	105.54	105.31
3206.500	13.00	101.07	116.18	120.00	4889.11	4996.50	5023.50	5125.89	236.77	120.00	105.54	105.31
3206.500	13.00	101.07	116.89	120.00	4885.57	4996.50	5023.50	5129.43	243.85	120.00	105.54	105.31
3206.500	13.00	101.07	118.56	120.00	4877.20	4996.50	5023.50	5137.80	260.60	120.00	105.54	105.31
3207.500	1.00	101.75	113.60	.00	4952.02	5000.00	5030.00	5063.99	111.96	120.00	104.00	104.00
3207.500	1.00	101.75	115.92	.00	4940.41	5000.00	5030.00	5069.79	129.38	120.00	104.00	104.00
3207.500	1.00	101.75	116.60	.00	4936.98	5000.00	5030.00	5073.02	136.04	120.00	104.00	104.00
3207.500	1.00	101.75	118.23	.00	4928.86	5000.00	5030.00	5081.14	152.28	120.00	104.00	104.00
3219.500	12.00	102.00	113.70	.00	4952.76	5000.00	5030.00	5063.62	110.86	120.25	104.25	104.25
3219.500	12.00	102.00	116.04	.00	4941.03	5000.00	5030.00	5069.48	128.45	120.25	104.25	104.25
3219.500	12.00	102.00	116.73	.00	4937.60	5000.00	5030.00	5072.40	134.81	120.25	104.25	104.25
3219.500	12.00	102.00	118.36	.00	4929.47	5000.00	5030.00	5080.53	151.07	120.25	104.25	104.25

SECHO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	EMOST	TOPWID	TELMX	XLBEL	RBEL
4180.000	960.50	106.50	117.36	.00	5173.37	5263.00	5307.00	5373.81	260.44	132.00	108.00	108.00
4180.000	960.50	106.50	119.78	.00	5148.32	5263.00	5307.00	5385.90	237.57	132.00	108.00	108.00
4180.000	960.50	106.50	120.50	.00	5143.13	5263.00	5307.00	5389.49	246.36	132.00	108.00	108.00
4180.000	960.50	105.50	122.21	.00	5133.28	5263.00	5307.00	5398.06	264.79	132.00	108.00	108.00
4428.300	248.30	107.00	118.17	.00	4837.32	4990.60	5024.80	5112.93	275.61	132.00	111.47	111.47
4428.300	248.30	107.00	120.54	.00	4823.11	4990.60	5024.80	5128.84	305.73	132.00	111.47	111.47
4428.300	248.30	107.00	121.25	.00	4820.63	4990.60	5024.80	5134.16	313.52	132.00	111.47	111.47
4428.300	248.30	107.00	122.94	.00	4814.69	4990.60	5024.80	5146.89	332.20	132.00	111.47	111.47
4506.500	78.20	107.00	118.50	.00	4835.16	4990.60	5024.80	5115.02	279.86	132.00	111.47	111.47
4506.500	78.20	107.00	120.79	.00	4822.23	4990.60	5024.80	5130.74	308.51	132.00	111.47	111.47
4506.500	78.20	107.00	121.49	.00	4819.79	4990.60	5024.80	5135.96	316.16	132.00	111.47	111.47
4506.500	78.20	107.00	123.16	.00	4813.93	4990.60	5024.80	5148.52	334.59	132.00	111.47	111.47
4507.500	1.00	107.00	118.52	132.00	4834.98	4990.60	5024.80	5115.19	280.20	132.00	111.47	111.47
4507.500	1.00	107.00	120.82	132.00	4822.14	4990.60	5024.80	5130.94	308.80	132.00	111.47	111.47
4507.500	1.00	107.00	121.51	132.00	4819.70	4990.60	5024.80	5136.15	316.45	132.00	111.47	111.47
4507.500	1.00	107.00	123.19	132.00	4813.84	4990.60	5024.80	5148.70	334.86	132.00	111.47	111.47
4508.500	1.00	107.00	118.53	132.00	4834.96	4990.60	5024.80	5115.21	280.25	132.00	111.47	111.47
4508.500	1.00	107.00	120.82	132.00	4822.13	4990.60	5024.80	5130.96	308.83	132.00	111.47	111.47
4508.500	1.00	107.00	121.52	132.00	4819.69	4990.60	5024.80	5136.17	316.48	132.00	111.47	111.47
4508.500	1.00	107.00	123.19	132.00	4813.84	4990.60	5024.80	5148.72	334.89	132.00	111.47	111.47
4509.500	1.00	107.00	118.52	.00	4834.92	4990.60	5024.80	5115.25	280.33	132.00	111.47	111.47
4509.500	1.00	107.00	120.82	.00	4822.11	4990.60	5024.80	5130.99	308.88	132.00	111.47	111.47
4509.500	1.00	107.00	121.51	.00	4819.68	4990.60	5024.80	5136.20	316.52	132.00	111.47	111.47
4509.500	1.00	107.00	123.18	.00	4813.83	4990.60	5024.80	5148.75	334.92	132.00	111.47	111.47
4528.300	18.80	107.04	118.60	.00	4834.64	4990.60	5024.80	5115.51	280.87	132.04	111.51	111.51
4528.300	18.80	107.04	120.89	.00	4822.02	4990.60	5024.80	5131.18	309.16	132.04	111.51	111.51
4528.300	18.80	107.04	121.58	.00	4819.60	4990.60	5024.80	5136.36	316.76	132.04	111.51	111.51
4528.300	18.80	107.04	123.25	.00	4813.77	4990.60	5024.80	5148.86	335.09	132.04	111.51	111.51
6180.000	1652.00	112.50	125.55	.00	5164.80	5232.00	5262.00	5349.43	184.64	136.10	118.00	118.20
6180.000	1652.00	112.50	127.37	.00	5150.20	5232.00	5262.00	5367.10	216.90	136.10	118.00	118.20
6180.000	1652.00	112.50	127.93	.00	5144.34	5232.00	5262.00	5372.47	228.13	136.10	118.00	118.20
6180.000	1652.00	112.50	129.30	.00	5129.81	5232.00	5262.00	5385.62	255.81	136.10	118.00	118.20
6715.500	667.00	116.73	129.01	.00	4966.07	4995.99	5035.72	5044.02	77.94	139.03	119.03	119.03
6715.500	667.00	116.73	131.24	.00	4956.30	4995.99	5035.72	5048.60	92.30	139.03	119.03	119.03
6715.500	667.00	116.73	131.87	.00	4945.26	4995.99	5035.72	5057.28	112.02	139.03	119.03	119.03
6715.500	667.00	116.73	133.35	.00	4919.57	4995.99	5035.72	5077.47	157.89	139.03	119.03	119.03
6838.500	123.00	117.70	129.53	.00	4995.99	4995.99	5035.72	5035.72	39.73	140.00	120.00	120.00
6838.500	123.00	117.70	131.91	.00	4960.27	4995.99	5035.72	5045.63	85.35	140.00	120.00	120.00
6838.500	123.00	117.70	132.58	.00	4949.85	4995.99	5035.72	5053.67	103.82	140.00	120.00	120.00
6838.500	123.00	117.70	134.14	.00	4922.74	4995.99	5035.72	5074.97	152.23	140.00	120.00	120.00

SECHO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
6839.500	23.00	117.70	131.71	128.55	4960.88	4995.99	5035.72	5045.46	84.57	140.00	120.00	120.00
6839.500	23.00	117.70	134.51	128.55	4916.03	4995.99	5035.72	5080.24	164.21	140.00	120.00	120.00
6839.500	23.00	117.70	135.09	128.55	4905.82	4995.99	5035.72	5088.27	182.45	140.00	120.00	120.00
6839.500	23.00	117.70	136.22	128.55	4888.56	4995.99	5035.72	5102.14	213.58	140.00	120.00	120.00
6891.500	30.00	117.90	131.79	.00	4961.23	4995.99	5035.72	5045.36	84.13	140.20	120.20	120.20
6891.500	30.00	117.90	134.61	.00	4917.88	4995.99	5035.72	5078.80	160.92	140.20	120.20	120.20
6891.500	30.00	117.90	135.20	.00	4907.53	4995.99	5035.72	5086.93	179.39	140.20	120.20	120.20
6891.500	30.00	117.90	136.35	.00	4889.04	4995.99	5035.72	5101.66	212.62	140.20	120.20	120.20
8450.000	1450.00	125.30	138.12	.00	5042.06	5083.00	5110.00	5150.52	108.46	148.00	128.00	128.00
8450.000	1450.00	125.30	140.83	.00	5030.87	5083.00	5110.00	5174.23	143.36	148.00	128.00	128.00
8450.000	1450.00	125.30	141.57	.00	5027.15	5083.00	5110.00	5180.73	153.58	148.00	128.00	128.00
8450.000	1450.00	125.30	143.29	.00	5018.55	5083.00	5110.00	5195.79	177.25	148.00	128.00	128.00

THIS RUN EXECUTED 11/20/85 10:03:56

 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

C
 T1 HAYES, SEAY, MATTERN & MATTERN CALDWELL CO/LENOIR, NC FIS
 T2 FILENAME: SMOKY.HEC ENG: SKE EA: KMC & EKL COMM 2320
 T3 SMOKY CREEK, CALDWELL CO., NC DATE: 11/20/85 10-YEAR EVENT

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.004840	.00	.0	0.	80.000	.000
J2	NPRGF	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									
	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	IHLER	ICOPY								
	1.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	4.000	3500.000	5430.000	6102.000	7893.000	.000	.000	.000	.000	.000
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000

FIELD 1 OF THE X1 CARD IS THE DISTANCE ABOVE THE COUNTY LINE

ADD 1000 FEET TO ALL ELEVATIONS TO OBTAIN TRUE ELEVATION
 ABOVE SEA LEVEL. ELEVATIONS ADJUSTED FOR PROGRAM.

CROSS SECTION: SHA
SHA LIES 1500 DOWNSTREAM OF THE COUNTY LINE

X1	.010	25.000	5335.000	5407.000	.000	.000	.000	.000	.000	.000
GR	108.000	5000.000	104.000	5080.000	100.000	5120.000	96.000	5170.000	92.000	5255.000
GR	89.000	5300.000	88.000	5335.000	84.000	5345.000	80.000	5355.000	77.100	5365.000
GR	75.800	5370.000	75.900	5377.000	77.100	5384.000	78.500	5392.000	80.000	5397.000
GR	84.000	5407.000	85.000	5422.000	88.000	5442.000	90.000	5467.000	92.000	5497.000
GR	94.000	5532.000	96.000	5552.000	100.000	5567.000	104.000	5577.000	108.000	5592.000
QT	4.000	3302.000	5115.000	5745.000	7422.000	.000	.000	.000	.000	.000

CROSS SECTION: SMB

X1	1700.000	28.000	5193.000	5227.000	3200.000	3200.000	3200.000	.000	.000	.000
GR	124.000	5060.000	120.000	5025.000	116.000	5040.000	112.000	5045.000	108.000	5077.000
GR	104.000	5095.000	102.000	5113.000	100.000	5150.000	100.000	5150.100	100.000	5150.200
GR	98.200	5193.000	93.800	5200.000	93.000	5203.000	92.900	5208.000	92.600	5218.000
GR	93.000	5223.000	97.000	5227.000	100.000	5261.900	100.000	5262.000	104.000	5282.000
GR	106.000	5297.000	108.000	5312.000	112.000	5332.000	113.000	5352.000	114.000	5387.000
GR	116.000	5412.000	120.000	5437.000	124.000	5462.000	.000	.000	.000	.000
X1	2510.000	17.000	5125.000	5160.000	810.000	810.000	810.000	.000	.000	.000
GR	120.000	5000.000	116.000	5030.000	112.000	5050.000	108.000	5065.000	104.000	5100.000
GR	100.000	5125.000	98.800	5135.000	98.000	5137.800	97.900	5143.600	97.600	5154.400
GR	98.000	5160.000	100.000	5175.000	104.000	5180.000	108.000	5215.000	112.000	5300.000
GR	116.000	5330.000	120.000	5350.000	.000	.000	.000	.000	.000	.000
NC	.150	.150	.075	.000	.000	.000	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3141.500	22.000	5017.000	5044.000	631.500	631.500	631.500	.000	.000	.000
GR	124.000	4920.000	120.000	4940.000	116.000	4950.000	112.000	4970.000	108.000	4990.000
GR	108.000	4990.010	108.000	4990.020	105.180	5000.000	105.380	5010.000	105.360	5017.000
GR	102.570	5021.500	102.230	5026.500	102.030	5031.500	101.530	5036.000	102.570	5040.000
GR	105.130	5044.000	106.580	5054.000	107.590	5064.000	108.000	5066.000	112.000	5076.000
GR	116.000	5086.000	120.000	5096.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
X1	3192.500	.000	.000	.000	51.000	51.000	51.000	.000	.190	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.300	105.860	.000

BRIDGE #1, DIRT ROAD

WIDTH: 13 FEET
ELLIP: 105.14

X1	3193.500	28.000	4996.500	5023.500	1.000	1.000	1.000	.000	.000	.000
BT	-28.000	4870.000	120.000	120.000	4890.000	116.000	116.000	4910.000	112.000	112.000
BT	.000	4920.000	108.000	108.000	4950.000	107.570	107.570	4975.000	106.680	106.680
BT	.000	4979.500	106.600	105.180	4989.500	106.420	105.560	4995.600	106.330	105.630
BT	.000	4996.500	106.300	105.540	5000.000	106.240	103.370	5000.990	106.240	102.750
BT	.000	5001.000	106.240	105.010	5007.000	106.230	105.110	5012.600	106.370	105.170
BT	.000	5014.000	106.410	105.190	5015.000	106.430	105.190	5018.000	106.160	105.220

BT	.000	5018.010	106.160	104.810	5023.500	106.250	105.310	5040.000	106.520	106.520
BT	.000	5065.000	105.860	105.860	5085.000	108.000	108.000	5108.500	109.400	109.400
BT	.000	5115.000	112.000	112.000	5117.500	113.000	113.000	5125.000	116.000	116.000
BT	.000	5145.000	120.000	120.000	.000	.000	.000	.000	.000	.000
GR	120.000	4870.000	116.000	4890.000	112.000	4910.000	108.000	4920.000	107.570	4950.000
GR	106.680	4975.000	105.180	4979.500	105.560	4985.500	105.540	4995.000	105.540	4996.500
GR	105.370	5000.000	102.750	5000.990	102.750	5001.000	101.070	5007.000	102.750	5012.600
GR	102.070	5014.000	102.760	5015.000	104.810	5018.000	104.810	5018.010	105.310	5023.500
GR	106.520	5040.000	105.860	5065.000	108.000	5085.000	109.400	5108.500	112.000	5115.000
GR	113.000	5117.500	116.000	5125.000	120.000	5145.000	.000	.000	.000	.000

X1	3206.500	.000	.000	.000	13.000	13.000	13.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000

X1	3207.500	14.000	5000.000	5030.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	106.230	106.420	.000
GR	120.000	4920.000	116.000	4940.000	112.000	4960.000	108.000	4970.000	104.000	5000.000
GR	102.080	5011.000	102.500	5019.500	102.910	5022.500	101.750	5023.000	104.000	5030.000
GR	108.000	5050.000	112.000	5060.000	116.000	5070.000	120.000	5090.000	.000	.000

END BRIDGE CROSS SECTIONS FOR BRIDGE #1

X1	3219.500	.000	.000	.000	12.000	12.000	12.000	.000	.250	.000
QT	4.900	3232.000	4989.000	5598.000	7219.000	.000	.000	.000	.000	.000
NC	.150	.150	.075	.100	.300	.000	.000	.000	.000	.000

CROSS SECTION: SHC

X1	4180.000	26.000	5263.000	5307.000	960.500	960.500	960.500	.000	.000	.000
GR	132.000	5000.000	129.000	5035.000	128.000	5063.000	126.000	5098.000	124.000	5123.000
GR	120.000	5146.000	118.000	5167.000	116.000	5187.000	114.000	5200.000	112.000	5225.000
GR	110.000	5240.000	108.000	5263.000	107.000	5268.000	106.600	5272.000	106.700	5277.000
GR	106.500	5282.000	107.000	5287.000	108.000	5307.000	112.000	5317.000	113.000	5332.000
GR	116.000	5352.000	117.000	5372.000	120.000	5387.000	124.000	5407.000	128.000	5422.000
GR	132.000	5442.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000
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BEGIN BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1	4428.300	20.000	4990.600	5024.800	248.300	248.300	248.300	.000	.000	.000
GR	132.000	4775.000	128.000	4797.000	124.000	4811.000	120.000	4825.000	116.000	4852.000
GR	111.470	4990.600	108.530	4993.600	107.960	5000.000	107.960	5000.010	107.000	5009.900
GR	108.510	5016.800	109.360	5019.800	111.470	5024.800	111.360	5036.800	111.590	5036.810
GR	116.000	5098.800	120.000	5124.800	124.000	5154.800	128.000	5169.800	132.000	5201.800

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
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BRIDGE #1A, ABANDON PIER WIDTH: 1 FOOT
ELLIP: 115.89

X1	4506.500	.000	.000	.000	78.200	78.200	78.200	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	115.880	115.890	.000
X1	4507.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
BT	-20.000	4775.000	132.000	132.000	4797.000	128.000	128.000	4811.000	124.000	124.000
BT	.000	4825.000	120.000	120.000	4852.000	116.000	116.000	4990.600	111.470	111.470
BT	.000	4993.600	108.520	108.520	5000.600	107.960	107.960	5000.010	111.820	107.960
BT	.000	5009.900	111.840	107.000	5016.800	111.850	108.510	5019.200	111.860	109.360
BT	.000	5024.800	111.780	111.470	5036.800	111.590	111.360	5036.810	111.590	111.590
BT	.000	5098.800	116.000	116.000	5124.800	120.000	120.000	5154.800	124.000	124.000
BT	.000	5169.800	128.000	128.000	5201.800	132.000	132.000	.000	.000	.000
X1	4508.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X2	.000	.000	.000	.000	.000	.000	1.000	.000	.000	.000
X1	4509.500	.000	.000	.000	1.000	1.000	1.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	115.880	115.890	.000

END BRIDGE CROSS SECTIONS FOR OBSTRUCTION #1A

X1	4528.300	.000	.000	.000	18.800	18.800	18.800	.000	.040	.000
NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000

CROSS SECTION: SMD SURVEY BY HSM+N

X1	6180.000	18.000	5232.000	5262.000	2000.000	2000.000	^{1652.00} 2000.000	.000	2.000	.000
GR	135.100	5000.000	132.800	5050.000	130.100	5100.000	125.400	5150.000	122.900	5170.000
GR	119.600	5200.000	116.000	5232.000	113.500	5242.000	110.500	5250.000	110.900	5258.000
GR	116.200	5262.000	118.800	5269.000	120.000	5300.000	122.200	5334.000	123.600	5350.000
GR	128.790	5400.000	131.500	5444.000	134.100	5500.000	.000	.000	.000	.000

BEGIN BRIDGE CROSS SECTIONS FOR BRIDGE #2

X1	6715.500	12.000	4995.990	5035.720	535.500	535.500	535.500	.000	-.970	.000
GR	140.000	4865.000	136.000	4890.000	132.000	4960.000	120.000	4995.990	118.060	5003.500
GR	117.700	5007.000	117.900	5017.000	118.060	5025.000	120.000	5035.720	132.000	5045.700
GR	136.000	5100.700	140.000	5125.700	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.100	.000
X1	6838.500	.000	.000	.000	123.000	123.000	123.000	.000	.970	.000
X3	10.000	.000	.000	.000	.000	.000	.000	130.480	131.240	.000

SB	1.050	1.560	2.500	.000	25.000	.010	303.000	.270	117.710	117.700	
	BRIDGE #2, SR 1134										
	WIDTH: 21 FEET										
	ELL: 128.55										
X1	6839.500	25.000	4995.990	5035.720	23.000	23.000	23.000	.000	.000	.000	
X2	.000	.000	1.000	128.550	130.480	.000	.000	.000	.000	.000	
X3	10.000	.000	.000	.000	.000	.000	.000	130.480	131.240	.000	
BT	.000	4865.000	140.000	140.000	4890.000	136.000	136.000	4960.000	132.000	132.000	
BT	.000	4995.990	130.480	120.000	5000.000	130.480	120.000	5000.010	133.140	128.000	
BT	.000	5000.300	133.150	128.100	5001.000	133.160	126.110	5003.490	133.160	128.110	
BT	.000	5007.000	133.260	123.190	5017.000	133.440	128.320	5025.000	133.580	128.430	
BT	.000	5030.000	133.670	128.490	5034.500	133.750	128.550	5034.510	133.750	128.550	
BT	.000	5035.700	133.770	128.550	5035.710	131.240	128.550	5035.720	131.240	120.000	
BT	.000	5045.700	132.000	132.000	5109.700	136.000	136.000	5125.700	140.000	140.000	
GR	140.000	4865.000	136.000	4890.000	132.000	4960.000	120.000	4995.990	120.000	5000.000	
GR	120.000	5000.010	120.000	5000.020	117.830	5000.030	117.830	5000.300	119.450	5001.000	
GR	118.060	5003.490	118.060	5003.500	117.700	2007.000	117.900	5017.000	118.060	5025.000	
GR	119.030	5030.000	119.900	5034.500	119.910	5034.510	120.000	5035.000	120.000	5035.700	
GR	120.000	5035.710	120.000	5035.720	132.000	5045.700	136.000	5100.700	140.000	5125.700	

END BRIDGE CROSS SECTIONS FOR BRIDGE #2

X1	6891.500	12.000	4995.990	5035.720	30.000	30.000	30.000	.000	.200	.000	
GR	140.000	4865.000	136.000	4890.000	132.000	4960.000	120.000	4995.990	118.060	5003.500	
GR	117.700	5007.000	117.900	5017.000	118.060	5025.000	120.000	5035.720	132.000	5045.700	
GR	136.000	5100.700	140.000	5125.700	.000	.000	.000	.000	.000	.000	
QT	4.000	2977.000	4576.000	5128.000	6590.700	.000	.000	.000	.000	.000	
NC	.150	.150	.080	.100	.300	.000	.000	.000	.000	.000	
	CROSS SECTION: SME										
X1	8450.000	19.000	5083.000	5110.000	1558.500	1558.500	1558.500	.000	.000	.000	
GR	148.000	5000.000	144.000	5015.000	140.000	5035.000	136.000	5050.000	135.000	5060.000	
GR	132.000	5080.000	128.000	5083.000	127.400	5085.000	126.000	5090.000	125.700	5094.000	
GR	125.300	5099.000	126.000	5104.000	126.900	5107.000	128.000	5110.000	132.000	5115.000	
GR	136.000	5132.000	140.000	5167.000	144.000	5202.000	148.000	5217.000	.000	.000	
EJ	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	
	*PROF 1										

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 11/20/85 10:06:33

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

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

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECNO	HL	GLOSS	EG	HV	CWSEL	DIFWSX	ELNIN	10K*S	ELLC	AREA	.01K	XLCH
.010	.00	.00	88.79	.46	88.33	.00	75.80	48.44	.00	703.79	502.87	.00
.010	.00	.00	93.80	.27	93.54	.00	75.80	17.05	.00	1806.91	1315.00	.00
.010	.00	.00	94.57	.27	94.30	.00	75.80	16.86	.00	2047.60	1485.94	.00
.010	.00	.00	96.27	.30	95.98	.00	75.80	16.94	.00	2642.14	1917.57	.00
1700.000	15.73	.00	101.53	.42	104.10	15.77	92.60	49.88	.00	938.35	467.55	3200.00
* 1700.000	28.30	-5.25	105.55	.79	104.76	11.22	92.60	88.44	.00	1065.25	543.91	3200.00
1700.000	12.20	.09	106.87	.58	105.29	11.98	92.60	59.39	.00	1378.09	745.47	3200.00
1700.000	12.00	.10	108.37	.62	107.75	11.78	92.60	58.08	.00	1705.57	973.91	3200.00
2510.000	4.12	.02	108.66	.48	108.18	4.03	97.60	51.85	.00	822.05	458.56	810.00
2510.000	5.34	.02	110.91	.58	110.34	5.57	97.60	52.62	.00	1211.27	705.14	810.00
2510.000	4.61	.01	111.49	.62	110.86	4.58	97.60	54.54	.00	1326.28	777.94	810.00
2510.000	4.59	.02	112.98	.68	112.30	4.54	97.60	55.24	.00	1668.43	998.59	810.00
3141.500	4.40	.09	113.15	.77	112.38	4.20	101.53	93.56	.00	638.88	341.33	631.50
3141.500	4.47	.11	115.50	.95	114.54	4.21	101.53	95.30	.00	892.45	523.97	631.50
3141.500	4.59	.12	116.19	1.02	115.17	4.31	101.53	96.72	.00	971.84	584.17	631.50
3141.500	4.70	.15	117.82	1.18	116.65	4.35	101.53	100.12	.00	1170.80	741.74	631.50
3192.500	.44	.03	113.61	.68	112.93	.55	101.72	79.73	.00	679.73	369.69	51.00
3192.500	.45	.03	115.98	.86	115.12	.58	101.72	83.10	.00	941.61	561.10	51.00
3192.500	.46	.03	116.68	.92	115.76	.59	101.72	84.33	.00	1025.56	625.62	51.00
3192.500	.48	.04	118.33	1.06	117.28	.63	101.72	87.41	.00	1233.46	793.83	51.00
3193.500	.01	.17	113.79	.10	113.69	.76	101.07	44.18	120.00	1373.95	496.80	1.00
3193.500	.01	.22	116.21	.12	116.09	.97	101.07	38.50	120.00	1916.49	824.38	1.00
3193.500	.01	.24	116.92	.13	116.80	1.03	101.07	37.56	120.00	2086.39	937.37	1.00
3193.500	.01	.27	118.61	.15	118.47	1.19	101.07	36.29	120.00	2507.01	1232.00	1.00
3206.500	.06	.00	113.85	.10	113.75	.06	101.07	43.01	120.00	1385.99	503.49	13.00
3206.500	.05	.00	116.26	.12	116.14	.05	101.07	37.82	120.00	1927.67	831.71	13.00
3206.500	.05	.00	116.97	.13	116.85	.05	101.07	36.96	120.00	2097.58	944.94	13.00
3206.500	.05	.00	118.66	.14	118.52	.05	101.07	35.81	120.00	2518.32	1240.20	13.00

SECHO	HL	OLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
3207.500	.00	.20	114.05	.49	113.56	-.19	101.75	50.39	.00	783.07	465.16	1.00
3207.500	.00	.27	116.53	.65	115.88	-.26	101.75	54.96	.00	1061.57	689.96	1.00
3207.500	.00	.29	117.27	.70	116.56	-.28	101.75	56.14	.00	1152.42	766.72	1.00
3207.500	.00	.34	119.01	.83	118.18	-.34	101.75	59.01	.00	1385.10	966.14	1.00
3219.500	.06	.01	114.13	.52	113.61	.05	102.00	54.23	.00	761.51	448.38	12.00
3219.500	.07	.02	116.61	.68	115.93	.05	102.00	58.41	.00	1036.60	669.25	12.00
3219.500	.07	.02	117.35	.73	116.62	.05	102.00	59.55	.00	1126.21	744.48	12.00
3219.500	.07	.02	119.10	.86	118.24	.06	102.00	62.22	.00	1355.87	940.89	12.00
4180.000	3.46	.03	117.61	.26	117.36	3.75	106.50	26.97	.00	1106.25	622.39	960.50
4180.000	3.41	.04	120.06	.29	119.76	3.84	106.50	25.48	.00	1633.10	988.30	960.50
4180.000	3.39	.04	120.79	.30	120.48	3.87	106.50	25.10	.00	1806.63	1117.34	960.50
4180.000	3.37	.05	122.52	.33	122.19	3.95	106.50	24.39	.00	2242.05	1461.68	960.50
4428.300	.77	.01	118.39	.21	118.18	.83	107.00	35.79	.00	1334.19	540.25	248.30
4428.300	.66	.01	120.73	.19	120.54	.78	107.00	27.91	.00	2021.10	944.37	248.30
4428.300	.64	.01	121.44	.19	121.25	.77	107.00	26.43	.00	2239.88	1088.98	248.30
4428.300	.60	.01	123.13	.19	122.94	.75	107.00	23.91	.00	2785.50	1476.26	248.30
4506.500	.26	.01	118.66	.18	118.48	.29	107.00	30.63	.00	1415.31	584.00	78.20
4506.500	.21	.00	120.94	.18	120.77	.23	107.00	25.51	.00	2087.84	987.78	78.20
4506.500	.20	.00	121.64	.18	121.46	.21	107.00	24.40	.00	2305.18	1133.39	78.20
4506.500	.18	.00	123.31	.18	123.13	.19	107.00	22.46	.00	2848.34	1523.09	78.20
4507.500	.00	.01	118.66	.16	118.50	.03	107.00	45.60	132.00	1332.27	478.61	1.00
4507.500	.00	.01	120.95	.16	120.80	.03	107.00	33.00	132.00	2008.64	868.43	1.00
4507.500	.00	.01	121.65	.16	121.49	.03	107.00	30.79	132.00	2225.19	1008.92	1.00
4507.500	.00	.01	123.32	.16	123.16	.03	107.00	27.07	132.00	2767.79	1387.61	1.00
4508.500	.00	.00	118.67	.16	118.51	.00	107.00	45.50	132.00	1333.34	479.16	1.00
4508.500	.00	.00	120.96	.16	120.80	.00	107.00	32.96	132.00	2009.54	869.00	1.00
4508.500	.00	.00	121.65	.16	121.49	.00	107.00	30.75	132.00	2226.06	1009.50	1.00
4508.500	.00	.00	123.32	.16	123.16	.00	107.00	27.04	132.00	2768.62	1388.22	1.00
4509.500	.00	.01	118.68	.18	118.50	.03	107.00	30.07	.00	1425.27	589.44	1.00
4509.500	.00	.01	120.97	.17	120.79	-.01	107.00	25.07	.00	2101.10	996.48	1.00
4509.500	.00	.01	121.66	.17	121.49	-.01	107.00	24.03	.00	2317.56	1141.87	1.00
4509.500	.00	.01	123.33	.18	123.15	-.01	107.00	22.21	.00	2860.03	1531.86	1.00
4528.300	.06	.00	118.74	.18	118.56	.06	107.04	29.81	.00	1429.90	591.98	18.80
4528.300	.05	.00	121.01	.17	120.84	.05	107.04	25.01	.00	2102.91	997.67	18.80
4528.300	.05	.00	121.71	.17	121.53	.05	107.04	24.01	.00	2318.50	1142.52	18.80
4528.300	.04	.00	123.38	.18	123.20	.04	107.04	22.22	.00	2859.40	1531.39	18.80
6180.000	7.69	.07	126.49	.39	126.09	7.53	112.50	49.54	.00	945.53	459.20	2000.00
6180.000	7.31	.09	128.42	.47	127.95	7.11	112.50	53.46	.00	1336.82	682.31	2000.00
6180.000	7.20	.09	129.00	.48	128.51	6.98	112.50	53.97	.00	1469.43	761.97	2000.00
6180.000	6.94	.10	130.42	.52	129.90	6.71	112.50	54.22	.00	1820.89	980.36	2000.00

SECNO	HL	OLOSS	EG	HV	CWSEL	DIFWSX	ELMIN	10K*S	ELLC	AREA	.01K	XLCH
6715.500	2.68	.06	129.23	.60	128.62	2.53	116.73	50.44	.00	620.34	455.08	535.50
6715.500	3.13	.14	131.69	.94	130.75	2.80	116.73	63.58	.00	792.16	625.68	535.50
6715.500	3.25	.17	132.42	1.05	131.37	2.86	116.73	67.43	.00	846.78	681.74	535.50
6715.500	3.48	.24	134.13	1.30	132.83	2.92	116.73	75.60	.00	1020.33	830.26	535.50
6838.500	.74	.14	130.10	.88	129.22	.60	117.70	69.41	.00	429.99	387.94	123.00
6838.500	.80	.02	132.51	.97	131.54	.79	117.70	66.91	.00	776.67	609.91	123.00
6838.500	.85	.01	133.28	1.08	132.20	.83	117.70	70.10	.00	833.70	668.63	123.00
6838.500	.93	.01	135.07	1.32	133.76	.93	117.70	76.41	.00	1014.64	825.84	123.00
6839.500	1.76	.00	131.06	.42	131.44	2.22	117.70	29.85	128.55	764.00	591.57	23.00
6839.500	2.38	.00	134.89	.56	134.33	2.79	117.70	32.26	128.55	1095.86	878.39	23.00
6839.500	2.23	.00	135.56	.63	134.94	2.74	117.70	34.61	128.55	1198.35	951.53	23.00
6839.500	1.83	.00	136.91	.81	136.09	2.33	117.70	42.60	128.55	1424.91	1106.06	23.00
6891.500	.09	.00	131.95	.42	131.53	.09	117.90	29.80	.00	759.07	592.09	30.00
6891.500	.10	.00	134.99	.57	134.42	.09	117.90	32.29	.00	1083.31	877.94	30.00
6891.500	.10	.00	135.67	.64	135.04	.10	117.90	34.63	.00	1184.71	951.33	30.00
6891.500	.13	.01	137.04	.83	136.21	.12	117.90	42.55	.00	1411.24	1106.74	30.00
8450.000	6.95	.08	138.98	.69	138.29	6.76	125.30	59.37	.00	619.90	386.38	1558.50
8450.000	6.74	.05	141.79	.74	141.04	6.62	125.30	54.23	.00	972.56	621.42	1558.50
8450.000	6.86	.04	142.57	.76	141.81	6.77	125.30	53.37	.00	1088.55	701.91	1558.50
8450.000	7.34	.00	144.39	.79	143.60	7.38	125.30	51.69	.00	1391.26	916.66	1558.50

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECHO	ELLC	ELTRD	EGLVC	EGPRS	CLASS	QPR	QWEIR	QLO8	QCH	QR08	Q	CWSEL
.010	.00	.00	.00	.00	.00	.00	.00	.40	3364.99	134.60	3500.00	28.33
.010	.00	.00	.00	.00	.00	.00	.00	337.81	4449.92	642.27	5430.00	95.54
.010	.00	.00	.00	.00	.00	.00	.00	460.88	4844.99	796.13	6102.00	94.30
.010	.00	.00	.00	.00	.00	.00	.00	827.57	5833.62	1231.82	7693.00	95.98
1700.000	.00	.00	.00	.00	.00	.00	.00	624.43	2198.94	478.63	3302.00	104.10
1700.000	.00	.00	.00	.00	.00	.00	.00	1075.97	3246.84	792.18	5115.00	104.76
1700.000	.00	.00	.00	.00	.00	.00	.00	1438.64	3304.10	1002.26	5745.00	106.29
1700.000	.00	.00	.00	.00	.00	.00	.00	2073.09	3930.76	1418.14	7422.00	107.75
2510.000	.00	.00	.00	.00	.00	.00	.00	459.90	2259.11	582.99	3302.00	108.18
2510.000	.00	.00	.00	.00	.00	.00	.00	905.74	3158.61	1050.65	5115.00	110.34
2510.000	.00	.00	.00	.00	.00	.00	.00	1058.78	3457.91	1228.30	5745.00	110.86
2510.000	.00	.00	.00	.00	.00	.00	.00	1483.44	4166.33	1772.22	7422.00	112.30
3141.500	.00	.00	.00	.00	.00	.00	.00	676.91	2192.66	432.43	3302.00	112.38
3141.500	.00	.00	.00	.00	.00	.00	.00	1221.46	3096.99	796.54	5115.00	114.54
3141.500	.00	.00	.00	.00	.00	.00	.00	1419.89	3397.67	927.44	5745.00	115.17
3141.500	.00	.00	.00	.00	.00	.00	.00	1971.90	4163.32	1286.77	7422.00	116.65
3192.500	.00	.00	.00	.00	.00	.00	.00	698.10	2155.30	448.60	3302.00	112.93
3192.500	.00	.00	.00	.00	.00	.00	.00	1248.40	3051.55	815.05	5115.00	115.12
3192.500	.00	.00	.00	.00	.00	.00	.00	1449.91	3347.62	947.46	5745.00	115.76
3192.500	.00	.00	.00	.00	.00	.00	.00	2011.31	4099.56	1311.13	7422.00	117.28
3193.500	120.00	105.86	.00	.00	.00	.00	.00	1136.20	921.54	1344.26	3302.00	113.69
3193.500	120.00	105.86	.00	.00	.00	.00	.00	1857.77	1127.26	2129.97	5115.00	116.09
3193.500	120.00	105.86	.00	.00	.00	.00	.00	2114.57	1229.32	2401.11	5745.00	116.80
3193.500	120.00	105.86	.00	.00	.00	.00	.00	2804.52	1494.41	3123.07	7422.00	118.47
3206.500	120.00	105.86	.00	.00	.00	.00	.00	1137.99	818.75	1345.26	3302.00	113.75
3206.500	120.00	105.86	.00	.00	.00	.00	.00	1859.51	1124.95	2130.54	5115.00	116.14
3206.500	120.00	105.86	.00	.00	.00	.00	.00	2116.29	1227.08	2401.63	5745.00	116.85
3206.500	120.00	105.86	.00	.00	.00	.00	.00	2806.22	1492.24	3123.55	7422.00	118.52
3207.500	.00	.00	.00	.00	.00	.00	.00	670.31	2169.86	461.83	3302.00	113.56
3207.500	.00	.00	.00	.00	.00	.00	.00	1171.80	3129.99	813.21	5115.00	115.88
3207.500	.00	.00	.00	.00	.00	.00	.00	1358.93	3444.23	941.85	5745.00	116.56
3207.500	.00	.00	.00	.00	.00	.00	.00	1877.09	4247.24	1297.67	7422.00	118.18
3219.500	.00	.00	.00	.00	.00	.00	.00	662.24	2184.13	455.63	3302.00	113.61
3219.500	.00	.00	.00	.00	.00	.00	.00	1161.45	3147.56	805.98	5115.00	115.93
3219.500	.00	.00	.00	.00	.00	.00	.00	1346.84	3464.26	933.89	5745.00	116.62
3219.500	.00	.00	.00	.00	.00	.00	.00	1863.29	4270.40	1283.31	7422.00	118.24

SECNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	QPR	QWEIR	QLOS	QCH	QR08	Q	CWSEL
4180.000	.00	.00	.00	.00	.00	.00	.00	753.93	2167.74	310.28	3232.00	117.36
4180.000	.00	.00	.00	.00	.00	.00	.00	1330.86	2999.93	658.21	4989.00	119.76
4180.000	.00	.00	.00	.00	.00	.00	.00	1542.65	3264.66	790.69	5598.00	120.48
4180.000	.00	.00	.00	.00	.00	.00	.00	2124.76	3933.23	1161.01	7219.00	122.19
4428.300	.00	.00	.00	.00	.00	.00	.00	998.19	1622.56	611.25	3232.00	118.18
4428.300	.00	.00	.00	.00	.00	.00	.00	1839.66	2057.55	1091.79	4989.00	120.54
4428.300	.00	.00	.00	.00	.00	.00	.00	2132.32	2200.99	1264.69	5598.00	121.25
4428.300	.00	.00	.00	.00	.00	.00	.00	2908.64	2574.78	1735.58	7219.00	122.94
4506.500	.00	.00	.00	.00	.00	.00	.00	1029.34	1576.90	625.76	3232.00	118.48
4506.500	.00	.00	.00	.00	.00	.00	.00	1859.48	2026.46	1103.06	4989.00	120.77
4506.500	.00	.00	.00	.00	.00	.00	.00	2150.19	2172.24	1275.57	5598.00	121.46
4506.500	.00	.00	.00	.00	.00	.00	.00	2922.87	2550.02	1746.11	7219.00	123.13
4507.500	132.00	107.96	.00	.00	.00	.00	.00	1267.84	1204.40	759.77	3232.00	118.50
4507.500	132.00	107.96	.00	.00	.00	.00	.00	2134.38	1598.52	1256.10	4989.00	120.80
4507.500	132.00	107.96	.00	.00	.00	.00	.00	2433.73	1730.29	1433.98	5598.00	121.49
4507.500	132.00	107.96	.00	.00	.00	.00	.00	3226.17	2074.77	1918.06	7219.00	123.16
4508.500	132.00	107.96	.00	.00	.00	.00	.00	1268.10	1204.02	759.87	3232.00	118.51
4508.500	132.00	107.96	.00	.00	.00	.00	.00	2134.54	1598.27	1256.19	4989.00	120.80
4508.500	132.00	107.96	.00	.00	.00	.00	.00	2433.87	1730.06	1434.07	5598.00	121.49
4508.500	132.00	107.96	.00	.00	.00	.00	.00	3226.27	2074.57	1918.16	7219.00	123.16
4509.500	.00	.00	.00	.00	.00	.00	.00	1032.95	1571.59	627.46	3232.00	118.50
4509.500	.00	.00	.00	.00	.00	.00	.00	1863.27	2020.49	1105.24	4989.00	120.79
4509.500	.00	.00	.00	.00	.00	.00	.00	2153.47	2166.94	1277.59	5598.00	121.49
4509.500	.00	.00	.00	.00	.00	.00	.00	2925.44	2545.51	1748.05	7219.00	123.15
4528.300	.00	.00	.00	.00	.00	.00	.00	1034.62	1569.14	628.24	3232.00	118.56
4528.300	.00	.00	.00	.00	.00	.00	.00	1863.78	2019.68	1105.54	4989.00	120.84
4528.300	.00	.00	.00	.00	.00	.00	.00	2153.71	2166.54	1277.75	5598.00	121.53
4528.300	.00	.00	.00	.00	.00	.00	.00	2925.30	2545.75	1747.94	7219.00	123.20
6180.000	.00	.00	.00	.00	.00	.00	.00	598.33	2078.62	555.05	3232.00	126.09
6180.000	.00	.00	.00	.00	.00	.00	.00	1085.88	2781.28	1121.84	4989.00	127.95
6180.000	.00	.00	.00	.00	.00	.00	.00	1266.60	2997.55	1333.84	5598.00	128.51
6180.000	.00	.00	.00	.00	.00	.00	.00	1768.69	3525.62	1924.69	7219.00	129.90
6715.500	.00	.00	.00	.00	.00	.00	.00	266.31	2908.92	56.77	3232.00	128.62
6715.500	.00	.00	.00	.00	.00	.00	.00	510.87	4369.23	108.90	4989.00	130.75
6715.500	.00	.00	.00	.00	.00	.00	.00	614.15	4852.78	131.06	5598.00	131.37
6715.500	.00	.00	.00	.00	.00	.00	.00	940.35	6065.24	213.41	7219.00	132.83
6838.500	.00	.00	.00	.00	.00	.00	.00	.00	3232.00	.00	3232.00	129.22
6838.500	.00	.00	.00	.00	.00	.00	.00	502.44	4379.46	107.10	4989.00	131.54
6838.500	.00	.00	.00	.00	.00	.00	.00	603.32	4866.04	128.65	5598.00	132.20
6838.500	.00	.00	.00	.00	.00	.00	.00	936.11	6071.08	211.81	7219.00	133.76

SECNO	ELLC	ELTRD	EGLWC	EGPRS	CLASS	OPR	QMEIR	QLOB	QCH	QROB	Q	QWSEL
6839.500	128.55	130.48	130.12	131.98	30.00	3161.43	66.68	328.15	2833.90	69.95	3232.00	131.44
6839.500	128.55	130.48	132.51	139.71	30.00	3565.41	1416.62	698.95	4124.13	165.92	4987.00	134.33
6839.500	128.55	130.48	133.28	140.47	30.00	3569.92	2050.98	836.94	4550.07	110.99	5578.00	134.94
6839.500	128.55	130.48	135.07	147.51	30.00	3654.59	3770.10	1215.66	5655.23	348.11	7219.00	136.09
6891.500	.00	.00	.00	.00	.00	.00	.00	319.21	2844.75	68.04	3232.00	131.53
6891.500	.00	.00	.00	.00	.00	.00	.00	681.17	4147.73	160.10	4989.00	134.42
6891.500	.00	.00	.00	.00	.00	.00	.00	816.93	4577.31	203.76	5598.00	135.04
6891.500	.00	.00	.00	.00	.00	.00	.00	1189.35	5693.21	336.44	7219.00	136.21
8450.000	.00	.00	.00	.00	.00	.00	.00	311.78	2391.79	273.44	2977.00	138.29
8450.000	.00	.00	.00	.00	.00	.00	.00	701.50	3224.97	649.53	4576.00	141.04
8450.000	.00	.00	.00	.00	.00	.00	.00	843.85	3480.75	803.40	5128.00	141.81
8450.000	.00	.00	.00	.00	.00	.00	.00	1234.82	4108.67	1247.21	6590.70	143.60

CECNO	XLCH	ELMIN	CWSEL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
4180.000	960.50	106.50	117.36	.00	5173.44	5263.00	5307.00	5373.78	200.35	132.00	108.00	108.00
4180.000	960.50	106.50	119.76	.00	5148.47	5263.00	5307.00	5385.83	237.36	132.00	108.00	108.00
4180.000	960.50	106.50	120.48	.00	5143.23	5263.00	5307.00	5389.41	246.18	132.00	108.00	108.00
4180.000	960.50	106.50	122.19	.00	5133.43	5263.00	5307.00	5397.93	264.51	132.00	108.00	108.00
4428.300	248.30	107.00	118.18	.00	4837.26	4990.60	5024.80	5112.99	275.73	132.00	111.47	111.47
4428.300	248.30	107.00	120.54	.00	4823.10	4990.60	5024.80	5128.87	305.77	132.00	111.47	111.47
4428.300	248.30	107.00	121.25	.00	4820.63	4990.60	5024.80	5134.17	313.54	132.00	111.47	111.47
4428.300	248.30	107.00	122.94	.00	4814.71	4990.60	5024.80	5144.84	332.13	132.00	111.47	111.47
4506.500	78.20	107.00	118.48	.00	4835.29	4990.60	5024.80	5114.89	279.60	132.00	111.47	111.47
4506.500	78.20	107.00	120.77	.00	4822.34	4990.60	5024.80	5130.50	308.16	132.00	111.47	111.47
4506.500	78.20	107.00	121.46	.00	4819.90	4990.60	5024.80	5135.72	315.82	132.00	111.47	111.47
4506.500	78.20	107.00	123.13	.00	4814.05	4990.60	5024.80	5148.26	334.20	132.00	111.47	111.47
4507.500	1.00	107.00	118.50	132.00	4835.11	4990.60	5024.80	5115.06	279.95	132.00	111.47	111.47
4507.500	1.00	107.00	120.80	132.00	4822.21	4990.60	5024.80	5130.77	308.56	132.00	111.47	111.47
4507.500	1.00	107.00	121.49	132.00	4819.79	4990.60	5024.80	5135.97	316.18	132.00	111.47	111.47
4507.500	1.00	107.00	123.16	132.00	4813.95	4990.60	5024.80	5148.48	334.53	132.00	111.47	111.47
4508.500	1.00	107.00	118.51	132.00	4835.09	4990.60	5024.80	5115.09	280.00	132.00	111.47	111.47
4508.500	1.00	107.00	120.80	132.00	4822.20	4990.60	5024.80	5130.79	308.59	132.00	111.47	111.47
4508.500	1.00	107.00	121.49	132.00	4819.78	4990.60	5024.80	5135.99	316.21	132.00	111.47	111.47
4508.500	1.00	107.00	123.16	132.00	4813.94	4990.60	5024.80	5148.50	334.56	132.00	111.47	111.47
4509.500	1.00	107.00	118.50	.00	4835.05	4990.60	5024.80	5115.12	280.08	132.00	111.47	111.47
4509.500	1.00	107.00	120.79	.00	4822.19	4990.60	5024.80	5130.82	308.63	132.00	111.47	111.47
4509.500	1.00	107.00	121.49	.00	4819.77	4990.60	5024.80	5136.02	316.25	132.00	111.47	111.47
4509.500	1.00	107.00	123.15	.00	4813.93	4990.60	5024.80	5148.52	334.59	132.00	111.47	111.47
4528.300	18.80	107.04	118.56	.00	4834.94	4990.60	5024.80	5115.23	280.29	132.04	111.51	111.51
4528.300	18.80	107.04	120.84	.00	4822.17	4990.60	5024.80	5130.87	308.70	132.04	111.51	111.51
4528.300	18.80	107.04	121.53	.00	4819.75	4990.60	5024.80	5136.04	316.28	132.04	111.51	111.51
4528.300	18.80	107.04	123.20	.00	4813.94	4990.60	5024.80	5148.51	334.57	132.04	111.51	111.51
6180.000	2000.00	112.50	126.09	.00	5160.46	5232.00	5262.00	5354.75	194.30	136.10	118.00	118.20
6180.000	2000.00	112.50	127.95	.00	5144.16	5232.00	5262.00	5372.63	228.46	136.10	118.00	118.20
6180.000	2000.00	112.50	128.51	.00	5138.14	5232.00	5262.00	5378.08	239.94	136.10	118.00	118.20
6180.000	2000.00	112.50	129.90	.00	5123.42	5232.00	5262.00	5391.41	268.00	136.10	118.00	118.20
6715.500	535.50	116.73	128.62	.00	4967.23	4995.99	5035.72	5043.69	76.46	139.03	119.03	119.03
6715.500	535.50	116.73	130.75	.00	4960.83	4995.99	5035.72	5045.47	84.63	139.03	119.03	119.03
6715.500	535.50	116.73	131.37	.00	4954.05	4995.99	5035.72	5050.37	96.32	139.03	119.03	119.03
6715.500	535.50	116.73	132.83	.00	4928.55	4995.99	5035.72	5070.41	141.86	139.03	119.03	119.03
6838.500	123.00	117.70	129.22	.00	4995.99	4995.99	5035.72	5035.72	39.73	140.00	120.00	120.00
6838.500	123.00	117.70	131.54	.00	4961.39	4995.99	5035.72	5045.32	83.93	140.00	120.00	120.00
6838.500	123.00	117.70	132.20	.00	4956.48	4995.99	5035.72	5048.46	91.98	140.00	120.00	120.00
6838.500	123.00	117.70	133.76	.00	4929.25	4995.99	5035.72	5069.86	140.60	140.00	120.00	120.00

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OLD DAM

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SECNG	XLCH	ELMIN	CNSBL	ELLC	SSTA	STCHL	STCHR	ENDST	TOPWD	TELHX	XLBEL	RBEL
6839.500	23.00	117.70	131.44	128.55	4961.67	4995.99	5035.72	5045.24	83.56	140.00	120.00	120.00
6839.500	23.00	117.70	134.33	128.55	4919.21	4995.99	5035.72	5077.75	158.53	140.00	120.00	120.00
6839.500	23.00	117.70	134.94	128.55	4908.54	4995.99	5035.72	5086.13	177.59	140.00	120.00	120.00
6839.500	23.00	117.70	136.09	128.55	4889.38	4995.99	5035.72	5101.32	211.93	140.00	120.00	120.00
6891.500	30.00	117.90	131.53	.00	4962.02	4995.99	5035.72	5045.14	63.12	140.20	120.20	120.20
6891.500	30.00	117.90	134.42	.00	4921.13	4995.99	5035.72	5076.24	153.12	140.20	120.20	120.20
6891.500	30.00	117.90	135.04	.00	4910.35	4995.99	5035.72	5084.71	174.35	140.20	120.20	120.20
6891.500	30.00	117.90	136.21	.00	4889.92	4995.99	5035.72	5100.78	210.85	140.20	120.20	120.20
8450.000	1558.50	125.30	138.29	.00	5041.41	5083.00	5110.00	5152.04	110.64	148.00	128.00	128.00
8450.000	1558.50	125.30	141.04	.00	5029.78	5083.00	5110.00	5176.14	146.36	148.00	128.00	128.00
8450.000	1558.50	125.30	141.91	.00	5025.95	5083.00	5110.00	5182.83	156.88	148.00	128.00	128.00
8450.000	1558.50	125.30	143.60	.00	5017.01	5083.00	5110.00	5198.49	181.48	148.00	128.00	128.00

SMD

SMOKY CREEK, CALDWELL CO

SUMMARY PRINTOUT

SECGO	XLCH	ELM1	CWSEL	ELLCC	SSTA	STCHL	STCHR	ENDST	TOPWID	TELMX	XLBEL	RBEL
.010	.00	75.80	85.33	.00	5323.38	5335.00	5407.00	5466.15	122.77	108.00	88.00	84.00
.010	.00	75.80	93.57	.00	5222.30	5335.00	5407.00	5523.93	301.63	108.00	88.00	84.00
.010	.00	75.80	94.50	.00	5206.11	5335.00	5407.00	5535.00	328.89	108.00	88.00	84.00
.010	.00	75.80	95.98	.00	5170.53	5335.00	5407.00	5551.75	381.22	108.00	88.00	84.00
1700.000	3200.00	92.60	104.10	.00	5094.55	5193.00	5227.00	5282.76	188.21	124.00	98.20	97.00
1700.000	3200.00	92.60	104.76	.00	5091.57	5193.00	5227.00	5287.71	196.13	124.00	98.20	97.00
1700.000	3200.00	92.60	106.29	.00	5084.72	5193.00	5227.00	5299.14	214.42	124.00	98.20	97.00
1700.000	3200.00	92.60	107.75	.00	5078.11	5193.00	5227.00	5310.14	232.03	124.00	98.20	97.00
2510.000	810.00	97.60	108.18	.00	5064.31	5125.00	5160.00	5218.91	154.61	120.00	100.00	98.00
2510.000	810.00	97.60	113.34	.00	5056.26	5125.00	5160.00	5264.50	208.24	120.00	100.00	98.00
2510.000	810.00	97.60	110.86	.00	5054.26	5125.00	5160.00	5275.88	221.62	120.00	100.00	98.00
2510.000	810.00	97.60	112.30	.00	5048.52	5125.00	5160.00	5302.22	233.69	120.00	100.00	98.00
3141.500	631.50	101.53	112.38	.00	4968.12	5017.00	5044.00	5076.94	108.81	120.00	105.36	105.13
3141.500	631.50	101.53	114.54	.00	4957.28	5017.00	5044.00	5082.36	125.08	120.00	105.36	105.13
3141.500	631.50	101.53	115.17	.00	4954.17	5017.00	5044.00	5083.92	129.75	120.00	105.36	105.13
3141.500	631.50	101.53	116.65	.00	4948.40	5017.00	5044.00	5087.60	139.21	120.00	105.36	105.13
3192.500	51.00	101.72	112.93	.00	4966.27	5017.00	5044.00	5077.86	111.59	120.19	105.55	105.32
3192.500	51.00	101.72	115.12	.00	4955.34	5017.00	5044.00	5083.33	127.99	120.19	105.55	105.32
3192.500	51.00	101.72	115.76	.00	4952.12	5017.00	5044.00	5084.94	132.82	120.19	105.55	105.32
3192.500	51.00	101.72	117.28	.00	4947.28	5017.00	5044.00	5088.72	141.44	120.19	105.55	105.32
3193.500	1.00	101.07	113.69	120.00	4901.51	4996.50	5023.50	5119.24	217.73	120.00	105.54	105.31
3193.500	1.00	101.07	116.09	120.00	4889.55	4996.50	5023.50	5125.45	235.91	120.00	105.54	105.31
3193.500	1.00	101.07	116.80	120.00	4886.00	4996.50	5023.50	5129.00	243.00	120.00	105.54	105.31
3193.500	1.00	101.07	118.47	120.00	4877.63	4996.50	5023.50	5137.37	259.74	120.00	105.54	105.31
3206.500	13.00	101.07	113.75	120.00	4901.24	4996.50	5023.50	5119.38	218.15	120.00	105.54	105.31
3206.500	13.00	101.07	116.14	120.00	4889.31	4996.50	5023.50	5125.69	236.36	120.00	105.54	105.31
3206.500	13.00	101.07	116.85	120.00	4885.77	4996.50	5023.50	5129.23	243.46	120.00	105.54	105.31
3206.500	13.00	101.07	118.52	120.00	4877.41	4996.50	5023.50	5137.59	260.17	120.00	105.54	105.31
3207.500	1.00	101.75	113.56	.00	4952.19	5000.00	5030.00	5063.91	111.72	120.00	104.00	104.00
3207.500	1.00	101.75	115.88	.00	4940.62	5000.00	5030.00	5069.69	129.07	120.00	104.00	104.00
3207.500	1.00	101.75	116.56	.00	4937.19	5000.00	5030.00	5072.81	135.63	120.00	104.00	104.00
3207.500	1.00	101.75	118.18	.00	4929.09	5000.00	5030.00	5080.91	151.82	120.00	104.00	104.00
3219.500	12.00	102.00	113.61	.00	4953.16	5000.00	5030.00	5063.42	110.26	120.25	104.25	104.25
3219.500	12.00	102.00	115.93	.00	4941.59	5000.00	5030.00	5069.20	127.61	120.25	104.25	104.25
3219.500	12.00	102.00	116.62	.00	4938.16	5000.00	5030.00	5071.84	133.68	120.25	104.25	104.25
3219.500	12.00	102.00	118.24	.00	4930.06	5000.00	5030.00	5079.94	149.88	120.25	104.25	104.25

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PIPED ROAD