

Lumber Basin

370340

Brunswick County

Lockwood folly River &

Pinch Gut Creek

BCLEIP



* WATER SURFACE PROFILES *
* VERSION OF NOVEMBER 1976 *
* UPDATED MARCH 1982 *
* *
* RUN DATE 09/29/82. TIME 09.04.31. *

* U.S. ARMY CORPS OF ENGINEERS *
* THE HYDROLOGIC ENGINEERING CENTER *
* 609 SECOND STREET, SUITE D *
* DAVIS, CALIFORNIA 95616 *
* (916) 440-2105 (FIS) 448-2105 *

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X      X  XXXXXXXX  XXXXX      XXXXX
X      X  X        X      X      X      X
X      X  X        X
XXXXXXXX XXXX      X      XXXXX      XXXXX
X      X  X        X      X
X      X  X        X      X
X      X  XXXXXXXX  XXXXX      XXXXXXXX

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 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 BRUNSWICK CO FIS
 T2 10 YEAR FLOW Q 3440
 T3 LOCKWOODS FOLLY RIVER

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	2.	0.	0.	.002000	0.00	0.0	0.	102.000	0.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	54.000	25.000	50.000	0.000	201.000	0.000	0.000	0.000	0.000	0.000

QT	9.000	3440.000	4450.000	6330.000	7660.000	7660.000	7660.000	8750.000	10490.000	11800.000
NC	.045	.045	.030	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	725.000	28.000	1000.000	1200.000	0.000	0.000	0.000	0.000	100.000	0.000
GR	20.000	-1500.000	5.000	-1400.000	.580	-1000.000	.580	0.000	2.000	5.000
GR	.580	1000.000	-1.520	1010.000	-2.720	1020.000	-4.820	1030.000	-8.720	1040.000
GR	-11.320	1050.000	-13.520	1060.000	-15.820	1070.000	-16.520	1080.000	-16.720	1090.000
GR	-16.220	1100.000	-17.120	1110.000	-17.820	1120.000	-17.620	1130.000	-17.620	1140.000
GR	-16.920	1150.000	-15.720	1160.000	-12.320	1170.000	-7.320	1180.000	-2.320	1190.000
GR	1.380	1200.000	3.000	1800.000	20.000	2300.000	0.000	0.000	0.000	0.000
QT	9.000	3240.000	4200.000	5990.000	7270.000	7270.000	7270.000	8350.000	10000.000	11500.000
X1	5225.000	33.000	1000.000	1270.000	4325.000	4025.000	4500.000	0.000	100.000	0.000
GR	20.000	400.000	7.720	1000.000	2.820	1005.000	1.490	1013.000	.020	1020.000
GR	-1.580	1030.000	-3.680	1040.000	-6.180	1050.000	-6.980	1060.000	-7.480	1070.000
GR	-8.080	1080.000	-8.280	1090.000	-8.080	1100.000	-7.380	1110.000	-7.680	1120.000
GR	-6.780	1130.000	-7.180	1140.000	-7.480	1150.000	-7.480	1160.000	-8.180	1170.000
GR	-9.380	1180.000	-9.780	1190.000	-9.880	1200.000	-9.780	1210.000	-7.880	1220.000
GR	-6.980	1230.000	-6.880	1240.000	-3.780	1250.000	-5.580	1260.000	1.640	1264.000
GR	2.020	1270.000	3.500	2870.000	20.000	3870.000	0.000	0.000	0.000	0.000
NC	.050	.045	.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	9.000	3150.000	4110.000	5850.000	7110.000	7110.000	7110.000	8120.000	9800.000	11330.000

X1	50225.000	27.000	919.000	1184.000	75.000	75.000	75.000	0.000	100.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	111.940	111.940	0.000
GR	20.000	-900.000	3.000	600.000	2.930	617.000	2.550	717.000	2.170	817.000
GR	1.790	917.000	8.710	919.000	7.280	921.000	4.350	948.000	-1.920	981.500
GR	-2.010	982.000	-2.080	982.500	-7.260	1017.000	-14.600	1048.500	-14.720	1049.000
GR	-14.610	1049.500	-14.500	1050.000	.200	1116.500	.310	1117.000	.420	1117.500
GR	3.880	1133.000	10.200	1179.000	11.430	1184.000	7.660	1217.000	9.700	1317.000
GR	11.750	1417.000	20.000	1820.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	50235.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
BT	28.000	-900.000	120.000	0.000	617.000	113.030	0.000	717.000	113.860	0.000
BT	817.000	114.440	0.000	917.000	115.130	0.000	919.000	115.150	108.710	921.000
BT	115.160	108.730	948.000	115.370	108.990	981.500	115.620	109.320	981.500	115.620
BT	0.000	982.500	115.630	0.000	982.500	115.630	109.330	1017.000	115.890	109.670
BT	1048.500	116.160	110.000	1048.500	116.160	0.000	1049.500	116.170	0.000	1049.500
BT	116.170	110.010	1050.000	116.170	110.020	1116.500	116.650	110.720	1116.500	116.650
BT	0.000	1117.500	116.650	0.000	1117.500	116.650	110.730	1179.000	117.120	111.380
BT	1184.000	117.160	111.430	1217.000	117.400	0.000	1317.000	118.300	0.000	1417.000
BT	119.020	0.000	1820.000	120.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	50275.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
NC	.125	.125	.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	50285.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	115.160	115.160	0.000
X1	50375.000	17.000	1000.000	1120.000	100.000	100.000	100.000	0.000	100.000	0.000
GR	20.000	-900.000	3.000	600.000	1.470	1000.000	1.170	1006.000	-1.530	1010.000
GR	-8.730	1020.000	-11.830	1030.000	-13.830	1040.000	-14.830	1050.000	-13.230	1060.000
GR	-12.030	1070.000	-8.430	1080.000	-6.030	1090.000	-.930	1100.000	1.170	1110.000
GR	5.670	1120.000	20.000	1820.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.130	.130	.050	.100	.300	0.000	0.000	0.000	0.000	0.000
QT	9.000	2300.000	3030.000	4380.000	5400.000	5400.000	5400.000	6300.000	7630.000	8900.000
X1	55975.000	18.000	1000.000	1108.000	3850.000	4075.000	5600.000	0.000	100.000	0.000
GR	20.000	0.000	3.500	800.000	2.320	1000.000	.220	1006.000	-.880	1010.000
GR	-5.780	1020.000	-9.480	1030.000	-10.980	1040.000	-13.280	1050.000	-11.780	1060.000
GR	-8.280	1070.000	-2.480	1080.000	-2.580	1090.000	-.680	1100.000	.310	1104.000
GR	1.220	1108.000	5.000	3108.000	20.000	4608.000	0.000	0.000	0.000	0.000
NC	.130	.130	.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	9.000	2280.000	3000.000	4350.000	5370.000	5370.000	5370.000	6200.000	7590.000	8700.000
X1	61350.000	15.000	1005.000	1065.000	3150.000	3650.000	5375.000	0.000	100.000	0.000
GR	20.000	-1500.000	3.500	-800.000	1.850	1000.000	2.050	1005.000	.750	1006.000
GR	-.350	1010.000	-2.450	1020.000	-6.750	1030.000	-9.750	1040.000	-8.350	1050.000
GR	-4.350	1060.000	.750	1061.000	2.050	1065.000	3.000	1261.000	20.000	1521.000

NC	.130	.130	.085	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	73700.000	13.000	1000.000	1063.000	9075.000	7675.000	12350.000	0.000	100.000	0.000
GR	20.000	0.000	2.260	1000.000	1.660	1008.000	.660	1010.000	-.740	1020.000
GR	-7.540	1030.000	-8.340	1035.000	-9.840	1040.000	-5.240	1050.000	1.660	1059.000
GR	2.160	1063.000	4.000	1763.000	20.000	2963.000	0.000	0.000	0.000	0.000
X1	78625.000	10.000	1010.000	1027.000	4400.000	4950.000	4925.000	0.000	100.000	0.000
GR	20.000	-500.000	6.000	500.000	2.750	1000.000	1.500	1010.000	.250	1016.000
GR	.550	1020.000	1.500	1023.000	3.150	1027.000	6.000	1927.000	20.000	2927.000
QT	9.000	2000.000	2650.000	3840.000	4770.000	4770.000	4770.000	5550.000	6810.000	8000.000
NC	0.000	0.000	0.000	.300	.500	0.000	0.000	0.000	0.000	0.000
X1	78825.000	18.000	974.000	1166.000	275.000	125.000	200.000	0.000	100.000	0.000
GR	20.000	0.000	9.000	600.000	7.300	974.000	7.220	990.000	6.760	992.000
GR	6.560	995.000	5.660	1012.000	4.360	1029.000	-1.240	1047.000	-4.040	1064.000
GR	-3.520	1070.000	-2.640	1080.000	-2.540	1097.000	4.860	1114.000	5.170	1166.000
GR	5.380	1200.000	7.000	2200.000	20.000	3500.000	0.000	0.000	0.000	0.000
X1	78925.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	110.720	110.720	0.000
SB	.900	1.560	3.000	0.000	20.000	11.000	1420.000	6.200	0.000	0.000
X1	78945.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	110.470	111.070	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	111.070	111.070	0.000
BT	9.000	674.000	111.370	0.000	774.000	110.970	0.000	874.000	111.070	0.000
BT	974.000	111.890	110.460	1070.000	111.830	110.470	1166.000	111.890	110.480	1174.000
BT	11.870	0.000	1274.000	11.270	0.000	1374.000	10.970	0.000	0.000	0.000
X1	79020.000	0.000	0.000	0.000	75.000	75.000	75.000	0.000	0.000	0.000
NC	.130	.130	.095	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	85050.000	10.000	1000.000	1041.000	5250.000	6175.000	5950.000	0.000	100.000	0.000
GR	20.000	-300.000	6.500	900.000	5.850	1000.000	1.550	1004.000	.050	1010.000
GR	.050	1020.000	-1.550	1030.000	.950	1034.000	5.650	1041.000	20.000	2941.000
NC	.130	.130	.100	.300	.500	0.000	0.000	0.000	0.000	0.000
QT	9.000	1920.000	2550.000	3710.000	4610.000	4610.000	4610.000	5350.000	6610.000	7700.000
X1	88575.000	8.000	1000.000	1031.000	3550.000	3275.000	3525.000	0.000	100.000	0.000
GR	20.000	200.000	6.210	1000.000	4.510	1004.000	3.610	1010.000	3.610	1020.000
GR	4.510	1025.000	8.500	1531.000	20.000	2931.000	0.000	0.000	0.000	0.000
NC	.130	.130	.105	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	9.000	1020.000	1380.000	2080.000	2660.000	2660.000	2660.000	3170.000	4010.000	4800.000
X1	96725.000	20.000	1572.000	1588.000	7675.000	6975.000	8150.000	0.000	100.000	0.000
GR	19.010	1000.000	16.110	1100.000	15.610	1200.000	15.410	1300.000	15.110	1400.000
GR	13.100	1500.000	10.910	1572.000	7.660	1575.000	7.610	1575.100	5.000	1580.000
GR	6.910	1585.000	11.110	1588.000	11.410	1600.000	12.510	1700.000	12.710	1800.000
GR	13.810	1900.000	15.610	2000.000	18.800	2100.000	20.310	2200.000	22.610	2300.000

X1	96800.000	42.000	1522.000	1637.000	75.000	75.000	75.000	0.000	100.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	121.020	121.020	0.000
GR	20.400	952.000	19.010	1000.000	17.500	1052.000	16.110	1100.000	15.850	1152.000
GR	15.610	1200.000	15.510	1252.000	15.410	1300.000	15.250	1352.000	15.110	1400.000
GR	14.060	1452.000	13.100	1500.000	21.000	1522.000	20.980	1541.000	14.380	1542.000
GR	12.490	1552.000	11.640	1557.000	11.120	1560.000	10.780	1562.000	7.680	1568.000
GR	4.550	1580.000	2.980	1586.000	5.210	1594.000	6.040	1597.000	6.880	1600.000
GR	10.980	1607.000	11.650	1610.000	12.980	1616.000	21.080	1635.000	21.000	1637.000
GR	11.980	1652.000	12.510	1700.000	12.610	1752.000	12.710	1800.000	13.820	1852.000
GR	13.810	1900.000	14.750	1952.000	15.610	2000.000	17.270	2052.000	18.800	2100.000
GR	20.310	2200.000	22.610	2300.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	.103	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	96810.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
BT	34.000	952.000	121.020	0.000	1052.000	121.660	0.000	1152.000	122.520	0.000
BT	1252.000	123.190	0.000	1352.000	123.950	0.000	1452.000	124.640	0.000	1522.000
BT	124.980	121.000	1524.000	124.980	121.000	1541.000	124.950	121.020	1552.000	124.930
BT	121.030	1557.000	124.950	121.040	1557.000	124.950	0.000	1560.000	124.960	0.000
BT	1560.000	124.960	121.040	1562.000	124.970	121.040	1568.000	125.000	121.050	1580.000
BT	125.050	121.060	1586.000	125.040	121.070	1594.000	125.040	121.060	1594.000	125.040
BT	0.000	1597.000	125.030	0.000	1597.000	125.030	121.050	1600.000	125.030	121.050
BT	1607.000	125.020	121.040	1610.000	125.020	121.040	1616.000	125.010	121.030	1635.000
BT	124.990	121.000	1637.000	124.990	121.000	1652.000	124.880	0.000	1752.000	124.660
BT	0.000	1852.000	124.350	0.000	1952.000	123.850	0.000	2052.000	123.600	0.000
BT	2300.000	122.610	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	96840.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
NC	.130	.130	.105	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	96850.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	121.020	121.020	0.000
X1	96950.000	20.000	1572.000	1588.000	100.000	100.000	100.000	0.000	100.000	0.000
GR	19.010	1000.000	16.110	1100.000	15.610	1200.000	15.410	1300.000	15.110	1400.000
GR	13.100	1500.000	10.910	1572.000	7.660	1575.000	7.610	1575.000	5.000	1580.000
GR	6.910	1585.000	11.110	1588.000	11.410	1600.000	12.510	1700.000	12.710	1800.000
GR	13.810	1900.000	15.610	2000.000	18.800	2100.000	20.310	2200.000	22.610	2300.000
QT	9.000	950.000	1300.000	1950.000	2500.000	2500.000	2500.000	2960.000	3790.000	4500.000
NC	0.000	0.000	0.000	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	102300.000	19.000	1535.000	1568.000	4425.000	4550.000	5350.000	0.000	100.000	0.000
GR	40.000	-3000.000	15.580	1000.000	15.580	1100.000	15.380	1300.000	15.280	1400.000
GR	15.280	1500.000	15.380	1535.000	12.110	1544.000	11.980	1544.100	11.580	1555.000
GR	12.080	1565.000	15.380	1568.000	14.960	1600.000	15.060	1700.000	15.760	1800.000
GR	16.160	1900.000	20.860	2000.000	27.320	2072.000	40.000	5900.000	0.000	0.000
X1	103500.000	0.000	0.000	0.000	1150.000	915.000	1225.000	0.000	2.940	0.000

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

*PROF 1

CCHV= .100 CEHV= .300

*SECNO 725.000

725.00	6.39	88.57	0.00	102.00	89.15	.58	0.00	0.00	100.58
3440.	0.	3440.	0.	0.	563.	0.	0.	0.	101.38
0.00	0.00	6.11	0.00	.045	.030	.045	0.000	82.18	1050.51
.001992	0.	0.	0.	0	0	7	0.00	121.26	1171.77

*SECNO 5225.000

5225.00	5.86	95.98	0.00	0.00	96.26	.27	7.08	.03	107.72
3240.	0.	3240.	0.	0.	772.	0.	69.	17.	102.02
.30	0.00	4.20	0.00	.045	.030	.045	0.000	90.12	1041.35
.001259	4325.	4500.	4025.	4	0	0	0.00	207.88	1249.23

*SECNO 8950.000

8950.00	9.91	99.79	0.00	0.00	100.00	.20	3.73	.01	102.38
3150.	0.	3150.	0.	0.	870.	0.	139.	32.	101.08
.58	0.00	3.62	0.00	.050	.040	.045	0.000	89.88	1009.81
.000812	3450.	3725.	3300.	3	0	0	0.00	134.64	1144.45

*SECNO 16450.000

16450.00	14.76	102.77	0.00	0.00	102.86	.09	2.85	.01	101.13
3140.	246.	2838.	56.	563.	1125.	143.	341.	90.	101.14
1.46	.44	2.52	.39	.045	.040	.050	0.000	88.01	313.99
.000228	3775.	7500.	3575.	3	0	0	0.00	971.35	1285.34

*SECNO 26075.000

26075.00	19.82	103.75	0.00	0.00	103.78	.02	.91	.01	101.13
3080.	7.	1754.	1320.	24.	1153.	3501.	829.	270.	101.03
3.72	.28	1.52	.38	.050	.040	.045	0.000	83.93	1012.51
.000063	3575.	9625.	5075.	4	0	0	0.00	2163.20	3175.71

*SECNO 34050.000

34050.00	19.36	104.32	0.00	0.00	104.36	.04	.58	.01	103.36
3030.	59.	2385.	586.	280.	1262.	2116.	1296.	463.	101.66
4.90	.21	1.89	.28	.050	.045	.075	0.000	84.96	415.57
.000134	3100.	7975.	3650.	2	0	0	0.00	2283.32	2698.89

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

*SECNO 39900.000

39900.00	20.57	104.98	0.00	0.00	105.04	.06	.67	.00	102.51
3010.	161.	2723.	126.	798.	1344.	653.	1671.	635.	102.61
5.75	.20	2.03	.19	.115	.040	.115	0.000	84.41	557.97
.000106	5000.	5850.	4325.	2	0	0	0.00	965.17	1523.14

*SECNO 43625.000

43625.00	16.89	105.39	0.00	0.00	105.44	.05	.41	.00	102.40
2910.	103.	2470.	337.	588.	1243.	1730.	1910.	721.	101.90
6.34	.18	1.99	.19	.120	.040	.120	0.000	88.50	606.54
.000118	2850.	3725.	3025.	2	0	0	0.00	1491.54	2098.08

CCHV= .300 CEHV= .500

*SECNO 50150.000

50150.00	20.84	106.01	0.00	0.00	106.04	.03	.59	.01	101.17
2890.	443.	2447.	0.	1939.	1552.	3.	2367.	859.	105.67
7.61	.23	1.58	.03	.125	.045	.125	0.000	85.17	334.30
.000076	4775.	6525.	5500.	1	0	0	0.00	802.37	1136.67

*SECNO 50225.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 111.94 ELREA= 111.94

50225.00	20.74	106.02	0.00	0.00	106.05	.03	.01	.00	108.71
2890.	0.	2890.	0.	0.	2072.	0.	2372.	860.	111.43
7.63	0.00	1.39	0.00	.125	.045	.125	0.000	85.28	932.68
.000090	75.	75.	75.	0	0	0	0.00	215.85	1148.53

*SECNO 50235.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 28 MIN ELTRD= 113.03 MAX ELLC= 111.43

50235.00	20.74	106.02	0.00	0.00	106.05	.03	.00	.00	108.71
2890.	0.	2890.	0.	0.	2038.	0.	2372.	860.	111.43
7.63	0.00	1.42	0.00	.125	.043	.125	0.000	85.28	333.87
.000122	10.	10.	10.	0	0	0	-1587.05	800.25	1148.55

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

*SECNO 50275.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 28 MIN. ELTRD= 113.03 MAX ELLC= 111.43

50275.00	20.74	106.02	0.00	0.00	106.05	.03	.00	.00	108.71
2890.	0.	2890.	0.	0.	2039.	0.	2374.	861.	111.43
7.64	0.00	1.42	0.00	.125	.043	.125	0.000	85.28	333.52
.000122	40.	40.	40.	0	0	0	-1589.37	800.67	1148.58

*SECNO 50285.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 115.16 ELREA= 115.16

50285.00	20.74	106.02	0.00	0.00	106.05	.03	.00	.00	108.71
2890.	0.	2890.	0.	0.	2074.	0.	2374.	861.	111.43
7.64	0.00	1.39	0.00	.125	.045	.125	0.000	85.28	932.59
.000089	10.	10.	10.	0	0	0	0.00	216.00	1148.59

*SECNO 50375.000

50375.00	20.86	106.03	0.00	0.00	106.06	.03	.01	.00	101.47
2890.	440.	2450.	0.	1926.	1583.	3.	2381.	862.	105.67
7.66	.23	1.55	.03	.125	.045	.125	0.000	85.17	332.31
.000076	100.	100.	100.	0	0	0	0.00	805.46	1137.77

CCHV= .100 CEHV= .300

*SECNO 55975.000

55975.00	19.61	106.33	0.00	0.00	106.33	.01	.27	.00	102.32
2300.	122.	1217.	961.	877.	1329.	6519.	2997.	1022.	101.22
10.22	.14	.92	.15	.130	.050	.130	0.000	86.72	663.00
.000036	3850.	5600.	4075.	2	0	0	0.00	2577.57	3240.57

*SECNO 61350.000

61350.00	16.26	106.51	0.00	0.00	106.52	.00	.19	.00	102.05
2280.	1499.	598.	183.	7128.	681.	877.	3720.	1214.	102.05
13.22	.21	.88	.21	.130	.060	.130	0.000	90.25	-927.91
.000058	3150.	5375.	3650.	2	0	0	0.00	2242.67	1314.76

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

*SECNO 73700.000

73700.00	17.26	107.42	0.00	0.00	107.43	.01	.91	.00	102.26
2280.	219.	707.	1354.	750.	660.	3474.	5114.	1569.	102.16
17.70	.29	1.07	.39	.130	.085	.130	0.000	90.16	709.26
.000185	9075.	12350.	7675.	2	0	0	0.00	1310.06	2019.33

*SECNO 78625.000

78625.00	8.08	108.33	0.00	0.00	108.33	.00	.91	.00	101.50
2280.	848.	108.	1324.	2232.	122.	3571.	5709.	1738.	103.15
21.06	.38	.88	.37	.130	.085	.130	0.000	100.25	333.70
.000191	4400.	4925.	4950.	2	0	0	0.00	1759.59	2093.30

CCHV= .300 CEHV= .500

*SECNO 78825.000

78825.00	12.41	108.37	0.00	0.00	108.38	.01	.04	.00	107.30
2000.	18.	1139.	843.	126.	1101.	2377.	5728.	1744.	105.17
21.12	.14	1.03	.35	.130	.085	.130	0.000	95.96	738.90
.000347	275.	200.	125.	0	0	0	0.00	1597.97	2336.87

*SECNO 78925.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 110.72 ELREA= 110.72

78925.00	12.45	108.41	0.00	0.00	108.46	.05	.06	.02	107.30
2000.	0.	2000.	0.	0.	1107.	0.	5734.	1746.	105.17
21.14	0.00	1.81	0.00	.130	.085	.130	0.000	95.96	974.00
.001053	100.	100.	100.	0	0	0	0.00	192.00	1166.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	.90	1.56	3.00	0.00	20.00	11.00	1420.00	6.20	95.96	95.96

*SECNO 78945.000

CLASS A LOW FLOW

3420 BRIDGE W.S.= 108.40 BRIDGE VELOCITY=, 1.87 CALCULATED CHANNEL AREA=, 1071.

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

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD
0.00	108.46	.00	0.	2000.	1420.	1436.	110.47	111.07

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 111.07 ELREA= 111.07

78945.00	12.45	108.41	0.00	0.00	108.46	.05	.00	0.00	107.30
2000.	0.	2000.	0.	0.	1109.	0.	5734.	1746.	105.17
21.14	0.00	1.80	0.00	.130	.085	.130	0.000	95.96	974.00
.001045	20.	20.	20.	0	0	0	0.00	192.00	1166.00

*SECNO 79020.000

79020.00	12.54	108.50	0.00	0.00	108.51	.01	.04	.01	107.30
2000.	22.	1108.	870.	157.	1126.	2527.	5738.	1748.	105.17
21.17	.14	.98	.34	.130	.085	.130	0.000	95.96	710.90
.000305	75.	75.	75.	1	0	0	0.00	1638.69	2349.59

CCHV= .100 CEHV= .300

*SECNO 85050.000

85050.00	12.27	110.72	0.00	0.00	110.73	.01	2.22	.00	105.85
2000.	629.	590.	781.	1245.	405.	1700.	6227.	1940.	105.65
23.32	.51	1.46	.46	.130	.095	.130	0.000	98.45	525.15
.000468	5250.	5950.	6175.	3	0	0	0.00	1186.76	1711.90

CCHV= .300 CEHV= .500

*SECNO 88575.000

88575.00	8.15	111.76	0.00	0.00	111.77	.00	1.03	.00	106.21
1920.	0.	0.	1920.	0.	0.	4391.	6523.	2034.	70.00
25.45	0.00	0.00	.44	.130	.100	.130	0.000	103.61	678.02
.000216	3550.	3525.	3275.	2	0	0	0.00	1249.88	1927.89

*SECNO 96725.000

96725.00	9.47	114.47	0.00	0.00	114.50	.03	2.72	.01	110.91
1020.	206.	257.	557.	224.	115.	609.	6954.	2179.	111.11
27.05	.92	2.23	.91	.130	.105	.130	0.000	105.00	1431.77
.002505	7675.	8150.	6975.	2	0	0	0.00	504.97	1936.74

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

*SECNO 96800.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 121.02 ELREA= 121.02

96800.00	11.66	114.64	0.00	0.00	114.72	.08	.20	.03	121.00
1020.	0.	1020.	0.	0.	445.	0.	6955.	2179.	121.00
27.06	0.00	2.29	0.00	.130	.105	.130	0.000	102.98	1541.96
.002746	75.	75.	75.	2	0	0	0.00	77.94	1619.90

*SECNO 96810.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

96810.00	11.69	114.67	0.00	0.00	114.77	.10	.03	.01	121.00
1020.	0.	1020.	0.	0.	410.	0.	6955.	2179.	121.00
27.06	0.00	2.49	0.00	.130	.103	.130	0.000	102.98	1421.89
.004556	10.	10.	10.	0	0	0	-564.36	460.41	1947.46

*SECNO 96840.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

96840.00	11.83	114.81	0.00	0.00	114.90	.09	.13	.00	121.00
1020.	0.	1020.	0.	0.	420.	0.	6956.	2179.	121.00
27.06	0.00	2.43	0.00	.130	.103	.130	0.000	102.98	1414.99
.004262	30.	30.	30.	2	0	0	-619.57	476.02	1955.20

*SECNO 96850.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 121.02 ELREA= 121.02

96850.00	11.88	114.86	0.00	0.00	114.94	.08	.03	.00	121.00
1020.	0.	1020.	0.	0.	462.	0.	6956.	2179.	121.00
27.07	0.00	2.21	0.00	.130	.105	.130	0.000	102.98	1541.93
.002464	10.	10.	10.	0	0	0	0.00	78.46	1620.39

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
*SECNO 96950.000										
96950.00	10.10	115.10	0.00	0.00	115.12	.01	.16	.02	110.91	
1020.	221.	199.	600.	323.	125.	840.	6958.	2180.	111.11	
27.10	.68	1.59	.71	.130	.105	.130	0.000	105.00	1400.44	
.001137	100.	100.	100.	2	0	0	0.00	571.29	1971.73	
CCHV= .100 CEHV= .300										
*SECNO 102300.000										
102300.00	6.16	117.74	0.00	0.00	117.75	.00	2.63	.00	115.38	
950.	535.	128.	287.	1625.	173.	794.	7160.	2276.	115.38	
30.36	.33	.74	.36	.130	.105	.130	0.000	111.58	645.45	
.000328	4425.	5350.	4550.	7	0	0	0.00	1288.26	1933.71	
*SECNO 103500.000										
103500.00	4.26	118.78	0.00	0.00	118.98	.20	1.17	.06	118.32	
950.	231.	516.	203.	228.	110.	148.	7199.	2303.	118.32	
30.46	1.01	4.70	1.37	.130	.105	.130	0.000	114.52	957.48	
.024079	1150.	1225.	915.	6	0	0	0.00	862.43	1819.90	
*SECNO 104725.000										
104725.00	5.45	121.96	0.00	0.00	121.97	.01	2.97	.02	116.90	
830.	88.	52.	690.	130.	52.	1187.	7224.	2323.	118.91	
31.00	.67	.99	.58	.130	.115	.130	0.000	116.51	1469.99	
.000783	1200.	1200.	1200.	7	0	0	0.00	574.66	2044.65	
*SECNO 107950.000										
107950.00	4.41	124.18	0.00	0.00	124.20	.02	2.23	.00	120.16	
830.	105.	80.	645.	83.	41.	667.	7258.	2340.	122.17	
31.37	1.27	1.95	.97	.130	.115	.130	0.000	119.77	1474.86	
.004236	1850.	3225.	1225.	6	0	0	0.00	530.97	2005.83	
CCHV= .300 CEHV= .500										
*SECNO 111175.000										
111175.00	7.36	130.88	0.00	0.00	130.90	.01	6.69	.00	127.52	
530.	309.	187.	34.	506.	137.	73.	7314.	2371.	127.82	
32.40	.61	1.37	.47	.130	.105	.130	0.000	123.52	1468.47	
.000960	3225.	3225.	3225.	5	0	0	0.00	327.88	1796.35	

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

*SECNO 111285.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 132.04 ELREA= 132.04

111285.00	7.61	131.02	0.00	0.00	131.13	.12	.19	.05	130.91
530.	0.	530.	0.	0.	193.	0.	7315.	2372.	130.84
32.41	0.00	2.75	0.00	.130	.105	.130	0.000	123.41	1717.00
.005158	100.	100.	100.	2	0	0	0.00	35.00	1752.00

SPECIAL BRIDGE

5070.VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	9.00	1.56	2.60	0.00	17.50	1.00	182.00	.60	123.41	123.41

*SECNO 111310.000

CLASS A LOW FLOW

3420 BRIDGE W.S.= 131.00 BRIDGE VELOCITY=, 3.32 CALCULATED CHANNEL AREA=, 160.

EGPRS	EGLWC	H3	QWEIR	QLOW	BAREA	TRAPEZOID AREA	ELLC	ELTRD
131.22	131.92	.82	0.	530.	182.	169.	131.36	132.57

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 132.57 ELREA= 132.57

111310.00	8.43	131.84	0.00	0.00	131.92	.09	.79	0.00	130.91
530.	0.	530.	0.	0.	222.	0.	7315.	2372.	130.84
32.41	0.00	2.39	0.00	.130	.105	.130	0.000	123.41	1717.00
.003253	27.	27.	27.	0	0	0	0.00	35.00	1752.00

*SECNO 111400.000

111400.00	8.47	131.99	0.00	0.00	131.99	.00	.04	.03	127.52
530.	345.	137.	48.	819.	161.	141.	7316.	2372.	127.82
32.44	.42	.85	.34	.130	.105	.130	0.000	123.52	1418.33
.000299	60.	60.	60.	2	0	0	0.00	410.56	1828.89

*SECNO 113700.000

113700.00	5.33	133.91	0.00	0.00	134.17	.26	2.05	.13	132.58
530.	102.	419.	8.	87.	92.	8.	7348.	2386.	132.88
32.60	1.18	4.54	.99	.130	.105	.130	0.000	128.58	1578.49
.017921	2050.	2300.	2150.	3	0	0	0.00	186.52	1765.01

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

CCHV= .100 CEHV= .300

*SECNO 116025.000

116025.00	5.13	139.54	0.00	0.00	139.54	.01	5.35	.03	135.51
460.	301.	69.	89.	483.	69.	203.	7373.	2401.	136.11
33.60	.62	1.01	.44	.130	.110	.130	0.000	134.41	1084.06
.000761	2325.	2325.	2325.	5	0	0	0.00	374.55	1458.61

*SECNO 117425.000

117425.00	3.98	141.60	0.00	0.00	141.63	.03	2.08	.01	138.72
460.	304.	103.	54.	273.	51.	71.	7391.	2411.	139.32
33.90	1.11	1.99	.76	.130	.110	.130	0.000	137.62	1098.00
.004331	1400.	1400.	1250.	4	0	0	0.00	272.65	1370.65

CCHV= .300 CEHV= .500

*SECNO 118825.000

118825.00	5.93	146.76	0.00	0.00	146.84	.08	5.18	.03	144.43
340.	142.	144.	54.	174.	43.	100.	7402.	2421.	141.03
34.11	.82	3.35	.54	.130	.065	.130	0.000	140.83	1348.56
.003046	1400.	1400.	1400.	4	0	0	0.00	306.25	1654.81

*SECNO 118900.000

118900.00	7.09	147.03	0.00	0.00	147.05	.03	.20	.02	141.19
340.	193.	50.	97.	233.	17.	160.	7403.	2421.	141.19
34.13	.83	2.97	.61	.130	.065	.130	0.000	139.94	1335.01
.002348	75.	75.	75.	1	0	0	0.00	364.97	1699.98

*SECNO 118910.000

3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.44

3685 20 TRIALS ATTEMPTED WSEL, CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

118910.00	7.91	147.85	147.85	0.00	148.11	.26	.06	.12	141.19
340.	46.	61.	233.	38.	7.	159.	7403.	2421.	141.19
34.13	1.23	9.20	1.46	.130	.023	.130	0.000	139.94	1294.20
.036373	10.	10.	10.	20	8	0	-599.41	625.15	1919.35

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

*SECNO 118938.000

3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.68

118938.00	8.21	148.39	0.00	0.00	148.41	.02	.23	.07	141.43
340.	64.	26.	250.	108.	8.	371.	7403.	2422.	141.43
34.14	.59	3.25	.68	.130	.023	.130	0.000	140.18	1278.88
.003523	28.	28.	28.	3	0	0	-518.37	691.52	1970.40

*SECNO 118948.000

118948.00	8.18	148.42	0.00	0.00	148.42	.00	.01	.00	141.49
340.	167.	24.	149.	433.	20.	528.	7403.	2422.	141.49
34.15	.38	1.23	.28	.130	.065	.130	0.000	140.24	1280.63
.000332	10.	10.	10.	2	0	0	0.000	683.95	1964.58

*SECNO 119000.000

119000.00	7.60	148.43	0.00	0.00	148.43	.00	.01	.00	144.42
340.	142.	51.	147.	478.	62.	670.	7405.	2423.	145.13
34.19	.30	.83	.22	.130	.065	.130	0.000	140.83	1264.94
.000186	52.	52.	52.	2	0	0	0.000	826.09	2091.03

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

*PROF 2

CCHV= .100 CEHV= .300

*SECNO 725.000

725.00	8.61	90.79	0.00	103.00	91.65	.87	0.00	0.00	100.58
6330.	0.	6330.	0.	0.	847.	0.	0.	0.	101.38
0.00	0.00	7.47	0.00	.045	.030	.045	0.000	82.18	1041.89
.001997	0.	0.	0.	0	0	7	0.00	134.32	1176.21

*SECNO 5225.000

5225.00	7.81	97.93	0.00	0.00	98.32	.39	6.62	.05	107.72
5990.	0.	5990.	0.	0.	1192.	0.	105.	18.	102.02
.25	0.00	5.02	0.00	.045	.030	.045	0.000	90.12	1032.31
.001112	4325.	4500.	4025.	3	0	0	0.00	223.04	1255.36

*SECNO 8950.000

8950.00	12.13	102.01	0.00	0.00	102.35	.34	4.02	.01	102.38
5850.	0.	5619.	231.	0.	1185.	358.	221.	63.	101.08
.47	0.00	4.74	.64	.050	.040	.045	0.000	89.88	1001.58
.001054	3450.	3725.	3300.	3	0	0	0.00	917.86	1919.44

*SECNO 16450.000

16450.00	16.74	104.75	0.00	0.00	104.81	.06	2.43	.03	101.13
5830.	1977.	3424.	429.	2644.	1342.	571.	591.	182.	101.14
1.50	.75	2.55	.75	.045	.040	.050	0.000	88.01	-269.99
.000184	3775.	7500.	3575.	4	0	0	0.00	1621.09	1351.10

*SECNO 26075.000

26075.00	21.49	105.42	0.00	0.00	105.43	.01	.62	.00	101.13
5720.	23.	1952.	3745.	65.	1298.	7033.	1437.	399.	101.03
3.73	.36	1.50	.53	.050	.040	.045	0.000	83.93	1000.78
.000052	3575.	9625.	5075.	4	0	0	0.00	2302.26	3303.03

*SECNO 34050.000

34050.00	20.87	105.83	0.00	0.00	105.86	.03	.42	.01	103.36
5630.	765.	2823.	2041.	1651.	1423.	5006.	2251.	630.	101.66
4.98	.46	1.98	.41	.050	.045	.075	0.000	84.96	-11.02
.000126	3100.	7975.	3650.	2	0	0	0.00	3151.07	3140.05

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

*SECNO 39900.000

39900.00	22.19	106.60	0.00	0.00	106.71	.11	.83	.02	102.51
5610.	626.	4459.	525.	1557.	1509.	1485.	2955.	861.	102.61
5.60	.40	2.95	.35	.115	.040	.115	0.000	84.41	508.42
.000193	5000.	5850.	4325.	2	0	0	0.00	1196.35	1704.77

*SECNO 43625.000

43625.00	18.77	107.27	0.00	0.00	107.34	.07	.63	.00	102.40
5430.	447.	3732.	1251.	1560.	1445.	4094.	3377.	981.	101.90
6.12	.29	2.58	.31	.120	.040	.120	0.000	88.50	359.20
.000163	2850.	3725.	3025.	2	0	0	0.00	2272.63	2631.83

CCHV= .300 CEHV= .500

*SECNO 50150.000

50150.00	22.99	108.16	0.00	0.00	108.22	.06	.87	.00	101.17
5400.	1353.	4024.	23.	3587.	1797.	152.	4170.	1184.	105.67
7.08	.38	2.24	.15	.125	.045	.125	0.000	85.17	144.55
.000126	4775.	6525.	5500.	2	0	0	0.00	1097.17	1241.72

*SECNO 50225.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 111.94 ELREA= 111.94

50225.00	22.89	108.17	0.00	0.00	108.24	.07	.01	.00	108.71
5400.	0.	5400.	0.	0.	2574.	0.	4177.	1185.	111.43
7.09	0.00	2.10	0.00	.125	.045	.125	0.000	85.28	919.75
.000179	75.	75.	75.	0	0	0	0.00	244.49	1164.24

*SECNO 50235.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 28 MIN ELTRD= 113.03 MAX ELLC= 111.43

50235.00	22.89	108.17	0.00	0.00	108.24	.07	.00	.00	108.71
5400.	0.	5400.	0.	0.	2532.	0.	4177.	1185.	111.43
7.09	0.00	2.13	0.00	.125	.043	.125	0.000	85.28	143.85
.000249	10.	10.	10.	0	0	0	-3064.70	1048.90	1241.98

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

*SECNO 50275.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 28 MIN ELTRD= 113.03 MAX ELLC= 111.43

50275.00	22.90	108.18	0.00	0.00	108.25	.07	.01	.00	108.71
5400.	0.	5400.	0.	0.	2534.	0.	4179.	1186.	111.43
7.10	0.00	2.13	0.00	.125	.043	.125	0.000	85.28	143.15
.000249	40.	40.	40.	0	0	0	-3071.17	1050.14	1242.38

*SECNO 50285.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 115.16 ELREA= 115.16

50285.00	22.90	108.18	0.00	0.00	108.25	.07	.00	.00	108.71
5400.	0.	5400.	0.	0.	2576.	0.	4180.	1186.	111.43
7.10	0.00	2.10	0.00	.125	.045	.125	0.000	85.28	919.74
.000179	10.	10.	10.	0	0	0	0.00	244.57	1164.31

*SECNO 50375.000

50375.00	23.04	108.21	0.00	0.00	108.27	.06	.01	.00	101.47
5400.	1342.	4033.	24.	3584.	1844.	157.	4189.	1188.	105.67
7.12	.37	2.19	.16	.125	.045	.125	0.000	85.17	140.68
.000124	100.	100.	100.	0	0	0	0.00	1103.18	1243.86

CCHV= .100 CEHV= .300

*SECNO 55975.000

55975.00	21.87	108.59	0.00	0.00	108.60	.01	.32	.00	102.32
4380.	330.	1632.	2418.	1764.	1573.	11601.	5195.	1376.	101.22
9.75	.19	1.04	.21	.130	.050	.130	0.000	86.72	553.27
.000037	3850.	5600.	4075.	2	0	0	0.00	2913.60	3466.88

*SECNO 61350.000

61350.00	18.52	108.77	0.00	0.00	108.77	.00	.17	.00	102.05
4350.	3176.	782.	392.	11585.	816.	1477.	6373.	1587.	102.05
12.50	.27	.96	.27	.130	.060	.130	0.000	90.25	-1023.38
.000054	3150.	5375.	3650.	2	0	0	0.00	2372.55	1349.17

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSIA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 73700.000

73700.00	19.44	109.60	0.00	0.00	109.61	.01	.84	.00	102.26
4350.	559.	964.	2827.	1518.	798.	5738.	8603.	1983.	102.16
16.53	.37	1.21	.49	.130	.085	.130	0.000	90.16	586.34
.000183	9075.	12350.	7675.	2	0	0	0.00	1596.54	2182.88

*SECNO 78625.000

78625.00	10.16	110.41	0.00	0.00	110.41	.00	.80	.00	101.50
4350.	1629.	147.	2574.	3793.	158.	5943.	9589.	2182.	103.15
19.51	.43	.93	.43	.130	.085	.130	0.000	100.25	185.15
.000153	4400.	4925.	4950.	2	0	0	0.00	2056.69	2241.85

CCHV= .300 CEHV= .500

*SECNO 78825.000

78825.00	14.48	110.44	0.00	0.00	110.45	.01	.03	.00	107.30
3840.	256.	1492.	2092.	914.	1500.	5021.	9623.	2191.	105.17
19.58	.28	.99	.42	.130	.085	.130	0.000	95.96	521.32
.000213	275.	200.	125.	0	0	0	0.00	2022.92	2544.24

*SECNO 78925.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 110.72 ELREA= 110.72

78925.00	14.47	110.43	0.00	0.00	110.54	.10	.04	.05	107.30
3840.	0.	3840.	0.	0.	1498.	0.	9633.	2193.	105.17
19.60	0.00	2.56	0.00	.130	.085	.130	0.000	95.96	974.00
.001416	100.	100.	100.	2	0	0	0.00	192.00	1166.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	.90	1.56	3.00	0.00	20.00	11.00	1420.00	6.20	95.96	95.96

*SECNO 78945.000

PRESSURE FLOW

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

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
110.61	110.54	.01	0.	3840.	1420.	1436.	110.47	111.07

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 111.07 ELREA= 111.07

78945.00	14.55	110.51	0.00	0.00	110.61	.10	.08	0.00	107.30
3840.	0.	3840.	0.	0.	1513.	0.	9634.	2193.	105.17
19.60	0.00	2.54	0.00	.130	.085	.130	0.000	95.96	974.00
.001371	20.	20.	20.	2	0	0	0.00	192.00	1166.00

*SECNO 79020.000

79020.00	14.70	110.66	0.00	0.00	110.67	.01	.03	.03	107.30
3840.	278.	1446.	2116.	1015.	1542.	5326.	9642.	2195.	105.17
19.63	.27	.94	.40	.130	.085	.130	0.000	95.96	509.32
.000182	75.	75.	75.	2	0	0	0.00	2056.93	2566.25

CCHV= .100 CEHV= .300

*SECNO 85050.000

85050.00	13.89	112.34	0.00	0.00	112.36	.01	1.69	.00	105.85
3840.	1335.	793.	1712.	2137.	472.	2969.	10557.	2438.	105.65
21.63	.62	1.68	.58	.130	.095	.130	0.000	98.45	380.25
.000508	5250.	5950.	6175.	3	0	0	0.00	1547.48	1927.73

CCHV= .300 CEHV= .500

*SECNO 88575.000

88575.00	9.91	113.52	0.00	0.00	113.52	.00	1.16	.00	106.21
3710.	0.	0.	3710.	0.	0.	6874.	11034.	2559.	70.00
23.36	0.00	0.00	.54	.130	.100	.130	0.000	103.61	575.73
.000249	3550.	3525.	3275.	1	0	0	0.00	1566.80	2142.53

*SECNO 96725.000

96725.00	11.29	116.29	0.00	0.00	116.31	.02	2.78	.01	110.91
2080.	563.	267.	1250.	752.	144.	1330.	11770.	2766.	111.11
25.33	.75	1.85	.94	.130	.105	.130	0.000	105.00	1093.76
.001277	7675.	8150.	6975.	2	0	0	0.00	927.59	2021.35

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

*SECNO 96800.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 121.02 ELREA= 121.02

96800.00	13.39	116.37	0.00	0.00	116.57	.20	.17	.09	121.00
2080.	0.	2080.	0.	0.	584.	0.	11773.	2767.	121.00
25.34	0.00	3.56	0.00	.130	.105	.130	0.000	102.98	1541.70
.005098	75.	75.	75.	2	0	0	0.00	82.26	1623.95

*SECNO 96810.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

96810.00	13.44	116.42	0.00	0.00	116.65	.23	.07	.02	121.00
2080.	0.	2080.	0.	0.	540.	0.	11773.	2767.	121.00
25.34	0.00	3.85	0.00	.130	.103	.130	0.000	102.98	1089.57
.008957	10.	10.	10.	1	0	0	-1620.89	882.50	2025.12

*SECNO 96840.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

96840.00	13.72	116.70	0.00	0.00	116.91	.21	.25	.01	121.00
2080.	0.	2080.	0.	0.	562.	0.	11773.	2768.	121.00
25.34	0.00	3.70	0.00	.130	.103	.130	0.000	102.98	1079.69
.008041	30.	30.	30.	2	0	0	-1854.59	903.34	2034.09

*SECNO 96850.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 121.02 ELREA= 121.02

96850.00	13.82	116.80	0.00	0.00	116.98	.17	.06	.01	121.00
2080.	0.	2080.	0.	0.	620.	0.	11773.	2768.	121.00
25.34	0.00	3.36	0.00	.130	.105	.130	0.000	102.98	1541.63
.004277	10.	10.	10.	2	0	0	0.00	83.34	1624.97

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
*SECNO 96950.000										
96950.00	12.14	117.14	0.00	0.00	117.15	.01	.12	.05	110.91	
2080.	658.	207.	1214.	1172.	158.	1710.	11778.	2769.	111.11	
25.38	.56	1.31	.71	.130	.105	.130	0.000	105.00	1064.41	
.000569	100.	100.	100.	2	0	0	0.00	983.62	2048.03	
CCHV= .100 CEHV= .300										
*SECNO 102300.000										
102300.00	7.45	119.03	0.00	0.00	119.03	.00	1.88	.00	115.38	
1950.	1186.	178.	586.	2902.	215.	1281.	12164.	2898.	115.38	
28.13	.41	.83	.46	.130	.105	.130	0.000	111.58	435.22	
.000306	4425.	5350.	4550.	6	0	0	0.00	1525.80	1961.02	
*SECNO 103500.000										
103500.00	5.35	119.87	0.00	0.00	119.91	.04	.87	.01	118.32	
1950.	990.	390.	570.	961.	146.	506.	12238.	2932.	118.32	
28.35	1.03	2.67	1.13	.130	.105	.130	0.000	114.52	777.63	
.005317	1150.	1225.	915.	2	0	0	0.00	1138.91	1916.54	
*SECNO 104725.000										
104725.00	6.29	122.80	0.00	0.00	122.81	.01	2.90	.00	116.90	
1710.	170.	87.	1453.	173.	62.	1632.	12286.	2956.	118.91	
28.71	.98	1.42	.89	.130	.115	.130	0.000	116.51	1454.14	
.001287	1200.	1200.	1200.	3	0	0	0.00	621.49	2075.63	
*SECNO 107950.000										
107950.00	5.59	125.36	0.00	0.00	125.38	.02	2.56	.00	120.16	
1710.	178.	103.	1428.	137.	54.	1256.	12338.	2974.	122.17	
29.03	1.31	1.91	1.14	.130	.115	.130	0.000	119.77	1469.38	
.002812	1850.	3225.	1225.	5	0	0	0.00	580.18	2049.55	
CCHV= .300 CEHV= .500										
*SECNO 111175.000										
111175.00	8.48	132.00	0.00	0.00	132.02	.02	6.64	.00	127.52	
1150.	748.	297.	105.	822.	161.	142.	12433.	3011.	127.82	
29.82	.91	1.84	.74	.130	.105	.130	0.000	123.52	1417.91	
.001395	3225.	3225.	3225.	2	0	0	0.00	411.29	1829.20	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRQB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*SECNO 111285.000

111285.00	8.73	132.14	0.00	0.00	132.16	.02	.14	.00	130.91
1150.	732.	387.	32.	794.	232.	73.	12436.	3012.	130.84
29.84	.92	1.66	.44	.130	.105	.130	0.000	123.41	1411.43
.001480	100.	100.	100.	2	0	0	0.00	422.53	1833.95

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	9.00	1.56	2.60	0.00	17.50	1.00	182.00	.60	123.41	123.41

*SECNO 111310.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
133.11	132.66	.15	55.	1085.	182.	169.	131.36	132.57

111310.00	9.58	132.99	0.00	0.00	133.00	.01	.84	0.00	130.91
1150.	766.	321.	63.	1073.	262.	155.	12436.	3012.	130.84
29.85	.71	1.23	.40	.130	.105	.130	0.000	123.41	1369.79
.000683	27.	27.	27.	1	0	3	0.00	492.68	1862.47

*SECNO 111400.000

111400.00	9.51	133.03	0.00	0.00	133.04	.01	.04	.00	127.52
1150.	784.	235.	131.	1165.	184.	242.	12438.	3013.	127.82
29.87	.67	1.28	.54	.130	.105	.130	0.000	123.52	1368.14
.000564	60.	60.	60.	2	0	0	0.00	495.44	1863.58

*SECNO 113700.000

113700.00	7.19	135.77	0.00	0.00	135.84	.08	2.77	.03	132.58
1150.	649.	431.	70.	460.	133.	64.	12493.	3032.	132.88
30.16	1.41	3.24	1.09	.130	.105	.130	0.000	128.58	1476.59
.005601	2050.	2300.	2150.	3	0	0	0.00	317.00	1793.59

CCHV= .100 CEHV= .300

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

*SECNO 116025.000

116025.00	6.23	140.64	0.00	0.00	140.65	.01	4.80	.01	135.51
990.	604.	113.	273.	702.	85.	446.	12543.	3053.	136.11
30.92	.86	1.32	.61	.130	.110	.130	0.000	134.41	1070.56
.000974	2325.	2325.	2325.	5	0	0	0.00	478.38	1548.94

*SECNO 117425.000

117425.00	5.21	142.83	0.00	0.00	142.86	.03	2.20	.01	138.72
990.	646.	146.	198.	499.	70.	218.	12574.	3066.	139.32
31.21	1.29	2.09	.91	.130	.110	.130	0.000	137.62	1083.02
.003159	1400.	1400.	1250.	3	0	0	0.00	385.00	1468.02

CCHV= .300 CEHV= .500

*SECNO 118825.000

118825.00	6.71	147.54	0.00	0.00	147.62	.08	4.74	.02	144.43
750.	328.	200.	222.	298.	49.	279.	12597.	3081.	141.03
31.43	1.10	4.05	.79	.130	.065	.130	0.000	140.83	1309.49
.003719	1400.	1400.	1400.	4	0	0	0.00	495.63	1805.12

*SECNO 118900.000

118900.00	7.90	147.84	0.00	0.00	147.87	.03	.23	.02	141.19
750.	383.	64.	303.	376.	19.	404.	12598.	3081.	141.19
31.44	1.02	3.37	.75	.130	.065	.130	0.000	139.94	1294.52
.002601	75.	75.	75.	2	0	0	0.00	623.74	1918.26

*SECNO 118910.000

3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.44

3685 20 TRIALS ATTEMPTED WSEL, CWSEL

3693 PROBABLE MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

118910.00	8.21	148.15	148.15	0.00	148.39	.23	.07	.10	141.19
750.	129.	78.	544.	73.	7.	273.	12599.	3082.	141.19
31.45	1.77	10.57	1.99	.130	.023	.130	0.000	139.94	1278.77
.041400	10.	10.	10.	20	6	0	-652.95	692.00	1970.77

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

*SECNO 118938.000

3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.68

118938.00	8.58	148.76	0.00	0.00	148.79	.03	.34	.06	141.43
750.	158.	40.	552.	175.	9.	542.	12599.	3082.	141.43
31.45	.90	4.46	1.02	.130	.023	.130	0.000	140.18	1260.44
.005754	28.	28.	28.	3	0	0	-562.00	911.65	2172.08

*SECNO 118948.000

118948.00	8.57	148.81	0.00	0.00	148.81	.01	.02	.01	141.49
750.	346.	42.	362.	519.	21.	735.	12599.	3082.	141.49
31.46	.67	2.06	.49	.130	.065	.130	0.000	140.24	1261.21
.000870	10.	10.	10.	2	0	0	0.00	897.05	2158.26

*SECNO 119000.000

119000.00	8.01	148.84	0.00	0.00	148.85	.01	.03	.00	144.42
750.	296.	92.	362.	574.	65.	990.	12601.	3084.	145.13
31.48	.52	1.40	.37	.130	.065	.130	0.000	140.83	1244.39
.000489	52.	52.	52.	2	0	0	0.00	1216.37	2460.76

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

*PROF 3

CCHV= .100 CEHV= .300

*SECNO 725.000

725.00	9.46	91.64	0.00	104.00	92.62	.98	0.00	0.00	100.58
7660.	0.	7660.	0.	0.	964.	0.	0.	0.	101.38
0.00	0.00	7.95	0.00	.045	.030	.045	0.000	82.18	1039.08
.001994	0.	0.	0.	0	0	7	0.00	138.84	1177.92

*SECNO 5225.000

3301 HV CHANGED MORE THAN HVINS

5225.00	8.60	98.72	0.00	0.00	99.15	.44	6.48	.05	107.72
7270.	0.	7270.	0.	0.	1370.	0.	121.	19.	102.02
.24	0.00	5.31	0.00	.045	.030	.045	0.000	90.12	1028.13
.001073	4325.	4500.	4025.	3	0	0	0.00	229.68	1257.81

*SECNO 8950.000

8950.00	12.79	102.67	0.00	0.00	102.98	.32	3.82	.01	102.38
7110.	1.	6184.	925.	2.	1282.	1038.	273.	85.	101.08
.47	.26	4.82	.89	.050	.040	.045	0.000	89.88	985.46
.000994	3450.	3725.	3300.	2	0	0	0.00	1474.24	2459.69

*SECNO 16450.000

16450.00	17.24	105.25	0.00	0.00	105.31	.06	2.30	.03	101.13
7090.	2824.	3683.	583.	3294.	1398.	695.	718.	230.	101.14
1.46	.86	2.63	.84	.045	.040	.050	0.000	88.01	-317.10
.000186	3775.	7500.	3575.	4	0	0	0.00	1680.02	1362.92

*SECNO 26075.000

26075.00	21.98	105.91	0.00	0.00	105.93	.02	.61	.00	101.13
6960.	33.	2103.	4824.	82.	1342.	8137.	1674.	451.	101.03
3.55	.40	1.57	.59	.050	.040	.045	0.000	83.93	989.21
.000054	3575.	9625.	5075.	3	0	0	0.00	2352.12	3341.33

*SECNO 34050.000

34050.00	21.35	106.31	0.00	0.00	106.34	.03	.41	.00	103.36
6860.	1167.	2972.	2722.	2140.	1475.	5992.	2603.	686.	101.66
4.80	.55	2.01	.45	.050	.045	.075	0.000	84.96	-17.45
.000124	3100.	7975.	3650.	2	0	0	0.00	3176.81	3159.36

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

*SECNO 39900.000

39900.00	22.71	107.12	0.00	0.00	107.25	.13	.88	.03	102.51
6830.	874.	5199.	757.	1816.	1562.	1813.	3421.	922.	102.61
5.37	.48	3.33	.42	.115	.040	.115	0.000	84.41	492.63
.000234	5000.	5850.	4325.	2	0	0	0.00	1270.04	1762.67

*SECNO 43625.000

43625.00	19.40	107.90	0.00	0.00	107.97	.08	.71	.01	102.40
6620.	646.	4216.	1758.	1987.	1512.	5103.	3917.	1053.	101.90
5.88	.33	2.79	.34	.120	.040	.120	0.000	88.50	276.94
.000179	2850.	3725.	3025.	2	0	0	0.00	2532.42	2809.36

CCHV= .300 CEHV= .500

*SECNO 50150.000

50150.00	23.72	108.89	0.00	0.00	108.96	.07	.98	.00	101.17
6590.	1843.	4697.	50.	4238.	1880.	253.	4850.	1278.	105.67
6.76	.43	2.50	.20	.125	.045	.125	0.000	85.17	80.33
.000148	4775.	6525.	5500.	2	0	0	0.00	1196.94	1277.27

*SECNO 50225.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 111.94 ELREA= 111.94

50225.00	23.61	108.89	0.00	0.00	108.98	.09	.01	.01	108.71
6590.	0.	6590.	0.	0.	2754.	0.	4858.	1279.	111.43
6.77	0.00	2.39	0.00	.125	.045	.125	0.000	85.28	919.00
.000220	75.	75.	75.	0	0	0	0.00	250.55	1169.55

*SECNO 50235.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 28 MIN ELTRD= 113.03 MAX ELLC= 111.43

50235.00	23.61	108.89	0.00	0.00	108.99	.09	.00	.00	108.71
6590.	0.	6590.	0.	0.	2708.	0.	4859.	1279.	111.43
6.77	0.00	2.43	0.00	.125	.043	.125	0.000	85.28	79.82
.000333	10.	10.	10.	0	0	0	-3690.97	1161.06	1277.56

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

*SECNO 50275.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 28 MIN ELTRD= 113.03 MAX ELLC= 111.43

50275.00	23.63	108.91	0.00	0.00	109.00	.09	.01	.00	108.71
6590.	0.	6590.	0.	0.	2710.	0.	4861.	1280.	111.43
6.77	0.00	2.43	0.00	.125	.043	.125	0.000	85.28	78.90
.000334	40.	40.	40.	0	0	0	-3700.65	1162.65	1278.07

*SECNO 50285.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 115.16 ELREA= 115.16

50285.00	23.63	108.91	0.00	0.00	109.00	.09	.00	.00	108.71
6590.	0.	6590.	0.	0.	2757.	0.	4862.	1280.	111.43
6.78	0.00	2.39	0.00	.125	.045	.125	0.000	85.28	919.00
.000220	10.	10.	10.	0	0	0	0.00	250.62	1169.62

*SECNO 50375.000

50375.00	23.79	108.96	0.00	0.00	109.03	.07	.02	.01	101.47
6590.	1830.	4708.	52.	4250.	1933.	263.	4872.	1282.	105.67
6.79	.43	2.43	.20	.125	.045	.125	0.000	85.17	74.83
.000145	100.	100.	100.	1	0	0	0.00	1205.48	1280.31

CCHV= .100 CEHV= .300

*SECNO 55975.000

55975.00	22.65	109.37	0.00	0.00	109.38	.01	.35	.01	102.32
5400.	440.	1828.	3132.	2128.	1658.	13479.	6028.	1481.	101.22
9.35	.21	1.10	.23	.130	.050	.130	0.000	86.72	515.31
.000039	3850.	5600.	4075.	2	0	0	0.00	3029.87	3545.18

*SECNO 61350.000

61350.00	19.31	109.56	0.00	0.00	109.56	.00	.18	.00	102.05
5370.	3996.	878.	496.	13200.	864.	1706.	7374.	1698.	102.05
11.92	.30	1.02	.29	.130	.060	.130	0.000	90.25	-1056.88
.000056	3150.	5375.	3650.	2	0	0	0.00	2418.13	1361.25

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

*SECNO 73700.000

73700.00	20.25	110.41	0.00	0.00	110.42	.01	.86	.00	102.26
5370.	746.	1079.	3546.	1872.	849.	6671.	9925.	2108.	102.16
15.76	.40	1.27	.53	.130	.085	.130	0.000	90.16	540.60
.000187	9075.	12350.	7675.	2	0	0	0.00	1703.12	2243.73

*SECNO 78625.000

78625.00	10.96	111.21	0.00	0.00	111.21	.00	.80	.00	101.50
5370.	2020.	166.	3184.	4478.	171.	6941.	11076.	2319.	103.15
18.59	.45	.97	.46	.130	.085	.130	0.000	100.25	127.87
.000148	4400.	4925.	4950.	2	0	0	0.00	2171.27	2299.13

CCHV= .300 CEHV= .500

*SECNO 78825.000

78825.00	15.28	111.24	0.00	0.00	111.24	.01	.03	.00	107.30
4770.	412.	1664.	2694.	1294.	1653.	6157.	11118.	2328.	105.17
18.67	.32	1.01	.44	.130	.085	.130	0.000	95.96	477.60
.000191	275.	200.	125.	0	0	0	0.00	2146.79	2624.39

*SECNO 78925.000

78925.00	15.30	111.26	0.00	0.00	111.26	.01	.02	.00	107.30
4770.	413.	1662.	2695.	1300.	1656.	6173.	11139.	2333.	105.17
18.72	.32	1.00	.44	.130	.085	.130	0.000	95.96	477.03
.000190	100.	100.	100.	0	0	0	0.00	2148.42	2625.45

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	.90	1.56	3.00	0.00	20.00	11.00	1420.00	6.20	95.96	95.96

*SECNO 78945.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
111.53	111.26	.00	2643.	2130.	1420.	1436.	110.47	111.07

SECNO	DEPTH	CWSEL	CRISW	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
78945.00	15.34	111.30	0.00	0.00	111.31	.01	.05	0.00	107.30
4770.	419.	1650.	2701.	1328.	1666.	6256.	11143.	2334.	105.17
18.73	.32	.99	.43	.130	.085	.130	0.000	95.96	473.94
.000183	20.	20.	20.	0	0	4	0.00	2157.18	2631.11
*SECNO 79020.000									
79020.00	15.36	111.32	0.00	0.00	111.32	.01	.01	.00	107.30
4770.	420.	1649.	2701.	1331.	1668.	6266.	11159.	2338.	105.17
18.76	.32	.99	.43	.130	.085	.130	0.000	95.96	473.56
.000183	75.	75.	75.	0	0	0	0.00	2158.25	2631.81
CCHV= .100 CEHV= .300									
*SECNO 85050.000									
85050.00	14.55	113.00	0.00	0.00	113.02	.01	1.69	.00	105.85
4770.	1699.	871.	2200.	2561.	499.	3577.	12239.	2598.	105.65
20.72	.66	1.75	.62	.130	.095	.130	0.000	98.45	322.17
.000510	5250.	5950.	6175.	2	0	0	0.00	1692.07	2014.24
CCHV= .300 CEHV= .500									
*SECNO 88575.000									
88575.00	10.60	114.21	0.00	0.00	114.21	.01	1.19	.00	106.21
4610.	0.	0.	4610.	0.	0.	7974.	12798.	2728.	70.00
22.32	0.00	0.00	.58	.130	.100	.130	0.000	103.61	536.55
.000261	3550.	3525.	3275.	0	0	0	0.00	1688.21	2224.76
*SECNO 96725.000									
96725.00	12.00	117.00	0.00	0.00	117.02	.02	2.80	.01	110.91
2660.	824.	276.	1561.	1100.	156.	1645.	13679.	2949.	111.11
24.37	.75	1.77	.95	.130	.105	.130	0.000	105.00	1069.29
.001055	7675.	8150.	6975.	2	0	0	0.00	974.29	2043.59
*SECNO 96800.000									
3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 121.02 ELREA= 121.02									
96800.00	14.05	117.03	0.00	0.00	117.30	.27	.16	.13	121.00
2660.	0.	2660.	0.	0.	640.	0.	13682.	2950.	121.00
24.37	0.00	4.16	0.00	.130	.105	.130	0.000	102.98	1541.60
.006376	75.	75.	75.	1	0	0	0.00	83.93	1625.53

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

*SECNO 96810.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

96810.00	14.12	117.10	111.37	0.00	117.41	.31	.08	.02	121.00
2660.	0.	2660.	0.	0.	593.	0.	13682.	2951.	121.00
24.37	0.00	4.49	0.00	.130	.103	.130	0.000	102.98	1065.97
.011388	10.	10.	10.	4	12	0	-2188.32	932.26	2046.53

*SECNO 96840.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

96840.00	14.47	117.45	0.00	0.00	117.74	.29	.32	.01	121.00
2660.	0.	2660.	0.	0.	621.	0.	13683.	2951.	121.00
24.37	0.00	4.29	0.00	.130	.103	.130	0.000	102.98	1053.65
.010059	30.	30.	30.	2	0	0	-2497.51	958.24	2057.71

*SECNO 96850.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 121.02 ELREA= 121.02

96850.00	14.61	117.59	0.00	0.00	117.82	.23	.07	.02	121.00
2660.	0.	2660.	0.	0.	686.	0.	13683.	2951.	121.00
24.37	0.00	3.88	0.00	.130	.105	.130	0.000	102.98	1541.51
.005195	10.	10.	10.	2	0	0	0.00	85.30	1626.81

*SECNO 96950.000

96950.00	12.99	117.99	0.00	0.00	118.00	.01	.11	.07	110.91
2660.	936.	216.	1508.	1616.	172.	2113.	13688.	2953.	111.11
24.41	.58	1.26	.71	.130	.105	.130	0.000	105.00	1035.09
.000468	100.	100.	100.	2	0	0	0.00	1039.59	2074.68

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV		
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT		
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA		
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST		
CCHV= .100		CEHV= .300									
*SECNO 102300.000											
102300.00	8.07	119.65	0.00	0.00	119.65	.00	1.65	.00	115.38		
2500.	1557.	200.	743.	3609.	235.	1527.	14169.	3090.	115.38		
27.04	.43	.85	.49	.130	.105	.130	0.000	111.58	334.60		
.000285	4425.	5350.	4550.	5	0	0	0.00	1639.49	1974.09		
*SECNO 103500.000											
103500.00	5.87	120.39	0.00	0.00	120.41	.03	.75	.01	118.32		
2500.	1368.	382.	750.	1369.	163.	687.	14263.	3126.	118.32		
27.29	1.00	2.34	1.09	.130	.105	.130	0.000	114.52	693.95		
.003543	1150.	1225.	915.	2	0	0	0.00	1233.46	1927.41		
*SECNO 104725.000											
104725.00	6.64	123.15	0.00	0.00	123.17	.02	2.75	.00	116.90		
2210.	217.	106.	1887.	199.	66.	1824.	14323.	3152.	118.91		
27.60	1.09	1.61	1.03	.130	.115	.130	0.000	116.51	1430.87		
.001538	1200.	1200.	1200.	3	0	0	0.00	657.62	2088.49		
*SECNO 107950.000											
107950.00	6.10	125.87	0.00	0.00	125.90	.03	2.73	.00	120.16		
2210.	221.	117.	1871.	163.	60.	1532.	14382.	3172.	122.17		
27.90	1.36	1.97	1.22	.130	.115	.130	0.000	119.77	1466.37		
.002594	1850.	3225.	1225.	3	0	0	0.00	602.50	2068.87		
CCHV= .300		CEHV= .500									
*SECNO 111175.000											
111175.00	8.98	132.50	0.00	0.00	132.52	.03	6.63	.00	127.52		
1510.	1008.	347.	155.	982.	172.	186.	14497.	3211.	127.82		
28.63	1.03	2.01	.83	.130	.105	.130	0.000	123.52	1394.65		
.001525	3225.	3225.	3225.	2	0	0	0.00	451.25	1845.90		
*SECNO 111285.000											
111285.00	9.24	132.65	0.00	0.00	132.68	.03	.16	.00	130.91		
1510.	990.	453.	66.	957.	250.	119.	14500.	3212.	130.84		
28.65	1.03	1.81	.56	.130	.105	.130	0.000	123.41	1386.90		
.001587	100.	100.	100.	2	0	0	0.00	464.17	1851.07		

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

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	9.00	1.56	2.60	0.00	17.50	1.00	182.00	.60	123.41	123.41

*SECNO 111310.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
134.32	132.85	.17	390.	1114.	182.	169.	131.36	132.57	
111310.00	10.14	133.55	0.00	0.00	133.56	.01	.88	0.00	130.91
1510.	1023.	379.	108.	1275.	282.	222.	14501.	3212.	130.84
28.66	.80	1.35	.48	.130	.105	.130	0.000	123.41	1341.84
.000749	27.	27.	27.	1	0	3	0.00	539.27	1881.11

*SECNO 111400.000

111400.00	10.07	133.59	0.00	0.00	133.60	.01	.04	.00	127.52
1510.	1045.	277.	188.	1375.	196.	312.	14503.	3213.	127.82
28.68	.76	1.41	.60	.130	.105	.130	0.000	123.52	1340.04
.000629	60.	60.	60.	2	0	0	0.00	542.27	1882.31

*SECNO 113700.000

113700.00	7.82	136.40	0.00	0.00	136.47	.07	2.84	.03	132.58
1510.	934.	463.	114.	633.	147.	97.	14570.	3234.	132.88
28.98	1.48	3.14	1.17	.130	.105	.130	0.000	128.58	1447.07
.004593	2050.	2300.	2150.	2	0	0	0.00	360.74	1807.81

CCHV= .100 CEHV= .300

*SECNO 116025.000

116025.00	6.75	141.16	0.00	0.00	141.17	.01	4.69	.01	135.51
1320.	777.	135.	408.	808.	93.	587.	14633.	3258.	136.11
29.67	.96	1.46	.69	.130	.110	.130	0.000	134.41	1064.34
.001051	2325.	2325.	2325.	4	0	0	0.00	518.60	1582.94

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
*SECNO 117425.000										
117425.00	5.76	143.38	0.00	0.00	143.41	.03	2.23	.01	138.72	
1320.	833.	168.	319.	605.	78.	330.	14671.	3272.	139.32	
29.95	1.38	2.16	.97	.130	.110	.130	0.000	137.62	1076.39	
.002910	1400.	1400.	1250.	3	0	0	0.00	440.71	1517.09	
CCHV= .300 CEHV= .500										
*SECNO 118825.000										
118825.00	7.06	147.89	0.00	0.00	147.96	.07	4.53	.02	144.43	
1010.	434.	220.	356.	363.	52.	413.	14701.	3290.	141.03	
30.17	1.19	4.23	.86	.130	.065	.130	0.000	140.83	1292.12	
.003757	1400.	1400.	1400.	4	0	0	0.00	634.15	1926.27	
*SECNO 118900.000										
118900.00	8.24	148.18	0.00	0.00	148.21	.03	.23	.01	141.19	
1010.	490.	69.	451.	447.	20.	559.	14702.	3291.	141.19	
30.19	1.10	3.48	.81	.130	.065	.130	0.000	139.94	1277.35	
.002627	75.	75.	75.	2	0	0	0.00	698.15	1975.50	
*SECNO 118910.000										
3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.44										
3685 20 TRIALS ATTEMPTED WSEL, CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
118910.00	8.35	148.29	148.29	0.00	148.53	.24	.07	.10	141.19	
1010.	183.	86.	740.	92.	8.	330.	14703.	3291.	141.19	
30.19	1.99	11.21	2.24	.130	.023	.130	0.000	139.94	1271.78	
.043756	10.	10.	10.	20	11	0	-674.63	722.27	1994.06	
*SECNO 118938.000										
3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.68										
118938.00	8.76	148.94	0.00	0.00	148.97	.04	.38	.06	141.43	
1010.	221.	46.	743.	212.	9.	662.	14703.	3291.	141.43	
30.20	1.04	4.93	1.12	.130	.023	.130	0.000	140.18	1251.59	
.006562	28.	28.	28.	3	0	0	-580.94	1079.75	2331.34	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XLN	XLNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 118948.000									
118948.00	8.75	148.99	0.00	0.00	149.00	.01	.02	.01	141.49
1010.	451.	51.	507.	562.	21.	872.	14703.	3292.	141.49
30.20	.80	2.44	.58	.130	.065	.130	0.000	140.24	1252.00
.001190	10.	10.	10.	2	0	0	0.00	1071.86	2323.86
*SECNO 119000.000									
119000.00	8.21	149.04	0.00	0.00	149.05	.01	.05	.00	144.42
1010.	386.	112.	513.	623.	67.	1197.	14705.	3293.	145.13
30.22	.62	1.66	.43	.130	.065	.130	0.000	140.83	1234.53
.000663	52.	52.	52.	2	0	0	0.00	1403.78	2638.30

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

*PROF 4

CCHV= .100 CEHV= .300

*SECNO 725.000

725.00	11.05	93.23	0.00	105.00	94.43	1.21	0.00	0.00	100.58
10490.	0.	10490.	0.	0.	1190.	0.	0.	0.	101.38
0.00	0.00	8.82	0.00	.045	.030	.045	0.000	82.18	1035.01
.001992	0.	0.	0.	0	0	7	0.00	146.08	1181.09

*SECNO 5225.000

3301 HV CHANGED MORE THAN HVINS

5225.00	10.11	100.23	0.00	0.00	100.75	.52	6.25	.07	107.72
10000.	0.	10000.	0.	0.	1727.	0.	151.	20.	102.02
.22	0.00	5.79	0.00	.045	.030	.045	0.000	90.12	1018.99
.001009	4325.	4500.	4025.	3	0	0	0.00	242.47	1261.46

*SECNO 8950.000

8950.00	13.84	103.72	0.00	0.00	103.94	.22	3.15	.03	102.38
9800.	28.	6500.	3272.	46.	1441.	2864.	396.	117.	101.08
.52	.62	4.51	1.14	.050	.040	.045	0.000	89.88	931.57
.000745	3450.	3725.	3300.	3	0	0	0.00	2258.38	3189.95

*SECNO 16450.000

16450.00	17.96	105.97	0.00	0.00	106.04	.07	2.09	.01	101.13
9770.	4555.	4316.	899.	4283.	1478.	887.	989.	297.	101.14
1.37	1.06	2.92	1.01	.045	.040	.050	0.000	88.01	-385.68
.000212	3775.	7500.	3575.	3	0	0	0.00	1765.81	1380.13

*SECNO 26075.000

26075.00	22.77	106.70	0.00	0.00	106.72	.02	.67	.01	101.13
9620.	58.	2460.	7101.	123.	1409.	9895.	2117.	527.	101.03
3.16	.47	1.75	.72	.050	.040	.045	0.000	83.93	967.64
.000063	3575.	9625.	5075.	3	0	0	0.00	2433.34	3400.98

*SECNO 34050.000

34050.00	22.16	107.12	0.00	0.00	107.14	.03	.43	.00	103.36
9480.	2029.	3318.	4133.	2965.	1561.	7661.	3234.	767.	101.66
4.37	.68	2.12	.54	.050	.045	.075	0.000	84.96	-28.21
.000127	3100.	7975.	3650.	2	0	0	0.00	3219.83	3191.62

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

*SECNO 39900.000

39900.00	23.60	108.01	0.00	0.00	108.20	.18	1.01	.05	102.51
9450.	1450.	6677.	1323.	2281.	1653.	2448.	4253.	1012.	102.61
4.85	.64	4.04	.54	.115	.040	.115	0.000	84.41	465.39
.000320	5000.	5850.	4325.	2	0	0	0.00	1397.12	1862.51

*SECNO 43625.000

43625.00	20.49	108.99	0.00	0.00	109.08	.09	.87	.01	102.40
9190.	1125.	5116.	2949.	2860.	1629.	7143.	4895.	1163.	101.90
5.35	.39	3.14	.41	.120	.040	.120	0.000	88.50	132.52
.000206	2850.	3725.	3025.	2	0	0	0.00	2988.50	3121.02

CCHV= .300 CEHV= .500

*SECNO 50150.000

50150.00	25.00	110.17	0.00	0.00	110.26	.09	1.18	.00	101.17
9150.	2979.	6032.	139.	5493.	2026.	494.	6108.	1425.	105.67
6.12	.54	2.98	.28	.125	.045	.125	0.000	85.17	-32.47
.000190	4775.	6525.	5500.	2	0	0	0.00	1372.20	1339.72

*SECNO 50225.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 111.94 ELREA= 111.94

50225.00	24.88	110.16	0.00	0.00	110.30	.14	.02	.02	108.71
9150.	0.	9150.	0.	0.	3079.	0.	6118.	1426.	111.43
6.13	0.00	2.97	0.00	.125	.045	.125	0.000	85.28	919.00
.000307	75.	75.	75.	1	0	0	0.00	259.82	1178.82

*SECNO 50235.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 28 MIN ELTRD= 113.03 MAX ELLC= 111.43

50235.00	24.88	110.16	0.00	0.00	110.31	.15	.00	.01	108.71
9150.	0.	9150.	0.	0.	2924.	0.	6119.	1426.	111.43
6.13	0.00	3.13	0.00	.125	.043	.125	0.000	85.28	-32.41
.000771	10.	10.	10.	0	0	0	-5075.98	1355.92	1339.80

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

*SECNO 50275.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 28 MIN ELTRD= 113.03 MAX ELLC= 111.43

50275.00	24.91	110.19	0.00	0.00	110.35	.15	.03	.00	108.71
9150.	0.	9150.	0.	0.	2925.	0.	6121.	1428.	111.43
6.13	0.00	3.13	0.00	.125	.043	.125	0.000	85.28	-33.84
.000773	40.	40.	40.	0	0	0	-5096.13	1358.40	1340.59

*SECNO 50285.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 115.16 ELREA= 115.16

50285.00	24.94	110.22	0.00	0.00	110.35	.14	.00	.00	108.71
9150.	0.	9150.	0.	0.	3088.	0.	6122.	1428.	111.43
6.13	0.00	2.96	0.00	.125	.045	.125	0.000	85.28	919.00
.000305	10.	10.	10.	1	0	0	0.00	260.04	1179.04

*SECNO 50375.000

50375.00	25.14	110.31	0.00	0.00	110.39	.09	.02	.02	101.47
9150.	2974.	6029.	147.	5584.	2096.	525.	6135.	1430.	105.67
6.15	.53	2.88	.28	.125	.045	.125	0.000	85.17	-44.68
.000181	100.	100.	100.	2	0	0	0.00	1391.16	1346.48

CCHV= .100 CEHV= .300

*SECNO 55975.000

55975.00	24.06	110.78	0.00	0.00	110.79	.01	.39	.01	102.32
7630.	692.	2228.	4710.	2860.	1810.	17017.	7580.	1646.	101.22
8.54	.24	1.23	.28	.130	.050	.130	0.000	86.72	446.91
.000043	3850.	5600.	4075.	2	0	0	0.00	3239.34	3686.25

*SECNO 61350.000

61350.00	20.73	110.98	0.00	0.00	110.99	.00	.19	.00	102.05
7590.	5786.	1076.	728.	16185.	949.	2145.	9241.	1875.	102.05
10.81	.36	1.13	.34	.130	.060	.130	0.000	90.25	-1117.41
.000062	3150.	5375.	3650.	2	0	0	0.00	2500.49	1383.08

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

*SECNO 73700.000

73700.00	21.73	111.89	0.00	0.00	111.90	.01	.91	.00	102.26
7590.	1183.	1305.	5102.	2614.	942.	8502.	12406.	2311.	102.16
14.34	.45	1.39	.60	.130	.085	.130	0.000	90.16	457.15
.000193	9075.	12350.	7675.	2	0	0	0.00	1897.62	2354.77

*SECNO 78625.000

78625.00	12.44	112.69	0.00	0.00	112.69	.00	.79	.00	101.50
7590.	2881.	204.	4505.	5858.	196.	8897.	13886.	2545.	103.15
16.93	.49	1.04	.51	.130	.085	.130	0.000	100.25	22.39
.000142	4400.	4925.	4950.	2	0	0	0.00	2382.22	2404.61

CCHV= .300 CEHV= .500

*SECNO 78825.000

78825.00	16.75	112.71	0.00	0.00	112.72	.01	.03	.00	107.30
6810.	781.	2026.	4004.	2087.	1937.	8420.	13941.	2555.	105.17
17.01	.37	1.05	.48	.130	.085	.130	0.000	95.96	397.07
.000167	275.	200.	125.	0	0	0	0.00	2374.97	2772.04

*SECNO 78925.000

78925.00	16.77	112.73	0.00	0.00	112.74	.01	.02	.00	107.30
6810.	781.	2024.	4005.	2091.	1938.	8431.	13970.	2560.	105.17
17.05	.37	1.04	.47	.130	.085	.130	0.000	95.96	396.68
.000167	100.	100.	100.	0	0	0	0.00	2376.07	2772.75

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	.90	1.56	3.00	0.00	20.00	11.00	1420.00	6.20	95.96	95.96

*SECNO 78945.000

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
113.29	112.74	.00	4381.	2457.	1420.	1436.	110.47	111.07

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
78945.00	16.83	112.79	0.00	0.00	112.80	.01	.07	0.00	107.30
6810.	789.	2010.	4010.	2134.	1952.	8550.	13975.	2561.	105.17
17.06	.37	1.03	.47	.130	.085	.130	0.000	95.96	392.66
.000160	20.	20.	20.	0	0	4	0.00	2387.47	2780.13
*SECNO 79020.000									
79020.00	16.85	112.81	0.00	0.00	112.81	.01	.01	.00	107.30
6810.	790.	2009.	4011.	2137.	1953.	8558.	13997.	2565.	105.17
17.09	.37	1.03	.47	.130	.085	.130	0.000	95.96	392.38
.000160	75.	75.	75.	0	0	0	0.00	2388.27	2780.64
CCHV= .100 CEHV= .300									
*SECNO 85050.000									
85050.00	15.87	114.32	0.00	0.00	114.33	.01	1.52	.00	105.85
6810.	2507.	1001.	3302.	3529.	552.	4971.	15469.	2860.	105.65
19.02	.71	1.81	.66	.130	.095	.130	0.000	98.45	205.26
.000478	5250.	5950.	6175.	2	0	0	0.00	1983.12	2188.39
CCHV= .300 CEHV= .500									
*SECNO 88575.000									
88575.00	11.90	115.51	0.00	0.00	115.52	.01	1.19	.00	106.21
6610.	0.	0.	6610.	0.	0.	10349.	16211.	3011.	70.00
20.48	0.00	0.00	.64	.130	.100	.130	0.000	103.61	460.27
.000272	3550.	3525.	3275.	2	0	0	0.00	1924.56	2384.83
*SECNO 96725.000									
96725.00	13.29	118.29	0.00	0.00	118.31	.02	2.78	.00	110.91
4010.	1451.	305.	2253.	1778.	176.	2260.	17394.	3259.	111.11
22.49	.82	1.73	1.00	.130	.105	.130	0.000	105.00	1024.75
.000855	7675.	8150.	6975.	2	0	0	0.00	1059.34	2084.09
*SECNO 96800.000									
3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 121.02 ELREA= 121.02									
96800.00	15.24	118.22	0.00	0.00	118.68	.46	.15	.22	121.00
4010.	0.	4010.	0.	0.	741.	0.	17398.	3260.	121.00
22.49	0.00	5.41	0.00	.130	.105	.130	0.000	102.98	1541.42
.009444	75.	75.	75.	2	0	0	0.00	86.88	1628.30

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

*SECNO 96810.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

96810.00	15.33	118.31	113.22	0.00	118.84	.53	.12	.03	121.00
4010.	0.	4010.	0.	0.	689.	0.	17398.	3260.	121.00
22.49	0.00	5.82	0.00	.130	.103	.130	0.000	102.98	1023.96
.017246	10.	10.	10.	4	15	0	-3281.56	1020.96	2084.76

*SECNO 96840.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE, NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

96840.00	15.89	118.87	113.22	0.00	119.33	.46	.47	.02	121.00
4010.	0.	4010.	0.	0.	735.	0.	17398.	3261.	121.00
22.49	0.00	5.46	0.00	.130	.103	.130	0.000	102.98	1004.80
.014549	30.	30.	30.	4	15	0	-3815.54	1063.91	2104.68

*SECNO 96850.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 121.02 ELREA= 121.02

96850.00	16.10	119.08	0.00	0.00	119.46	.37	.10	.03	121.00
4010.	0.	4010.	0.	0.	816.	0.	17399.	3261.	121.00
22.49	0.00	4.91	0.00	.130	.105	.130	0.000	102.98	1541.29
.007129	10.	10.	10.	2	0	0	0.00	89.03	1630.31

*SECNO 96950.000

3280 CROSS SECTION 96950.00 EXTENDED .64 FEET

96950.00	14.65	119.65	0.00	0.00	119.66	.01	.10	.11	110.91
4010.	1593.	239.	2178.	2548.	198.	2977.	17406.	3262.	111.11
22.53	.63	1.21	.73	.130	.105	.130	0.000	105.00	1000.00
.000356	100.	100.	100.	2	0	0	0.00	1156.49	2156.49

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV		
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT		
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA		
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST		
CCHV= .100		CEHV= .300									
*SECNO 102300.000											
102300.00	9.39	120.97	0.00	0.00	120.98	.00	1.31	.00	115.38		
3790.	2451.	243.	1096.	5348.	279.	2085.	18101.	3419.	115.38		
25.03	.46	.87	.53	.130	.105	.130	0.000	111.58	116.92		
.000238	4425.	5350.	4550.	5	0	0	0.00	1884.32	2001.24		
*SECNO 103500.000											
103500.00	7.00	121.52	0.00	0.00	121.54	.02	.56	.00	118.32		
3790.	2257.	388.	1145.	2426.	200.	1107.	18244.	3461.	118.32		
25.31	.93	1.94	1.03	.130	.105	.130	0.000	114.52	508.61		
.001841	1150.	1225.	915.	2	0	0	0.00	1442.88	1951.49		
*SECNO 104725.000											
104725.00	7.31	123.82	0.00	0.00	123.84	.03	2.30	.00	116.90		
3390.	353.	144.	2893.	326.	73.	2204.	18331.	3492.	118.91		
25.57	1.08	1.98	1.31	.130	.115	.130	0.000	116.51	1253.38		
.002009	1200.	1200.	1200.	2	0	0	0.00	854.25	2107.63		
*SECNO 107950.000											
3265 DIVIDED FLOW											
107950.00	7.08	126.85	0.00	0.00	126.88	.03	3.04	.00	120.16		
3390.	339.	150.	2901.	269.	70.	2076.	18409.	3520.	122.17		
25.84	1.26	2.13	1.40	.130	.115	.130	0.000	119.77	1270.50		
.002436	1850.	3225.	1225.	2	0	0	0.00	827.14	2102.86		
CCHV= .300		CEHV= .500									
*SECNO 111175.000											
111175.00	9.99	133.51	0.00	0.00	133.54	.03	6.66	.00	127.52		
2390.	1651.	444.	294.	1345.	195.	301.	18567.	3570.	127.82		
26.48	1.23	2.28	.98	.130	.105	.130	0.000	123.52	1343.91		
.001670	3225.	3225.	3225.	3	0	0	0.00	535.81	1879.73		
*SECNO 111285.000											
111285.00	10.27	133.68	0.00	0.00	133.71	.03	.17	.00	130.91		
2390.	1624.	587.	179.	1323.	286.	239.	18571.	3572.	130.84		
26.50	1.23	2.05	.75	.130	.105	.130	0.000	123.41	1335.52		
.001702	100.	100.	100.	2	0	0	0.00	549.80	1885.32		

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XLN	XLNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	9.00	1.56	2.60	0.00	17.50	1.00	182.00	.60	123.41	123.41

*SECNO 111310.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
137.86	133.92	.21	1415.	976.	182.	169.	131.36	132.57	
111310.00	10.94	134.35	0.00	0.00	134.38	.02	.66	0.00	130.91
2390.	1640.	523.	226.	1592.	310.	336.	18572.	3572.	130.84
26.51	1.03	1.69	.67	.130	.105	.130	0.000	123.41	1301.77
.001038	27.	27.	27.	2	0	5	0.00	599.94	1901.71

*SECNO 111400.000

111400.00	10.89	134.41	0.00	0.00	134.43	.02	.06	.00	127.52
2390.	1673.	379.	338.	1711.	215.	432.	18575.	3573.	127.82
26.52	.98	1.77	.78	.130	.105	.130	0.000	123.52	1297.53
.000879	60.	60.	60.	2	0	0	0.00	604.62	1902.15

*SECNO 113700.000

113700.00	9.09	137.67	0.00	0.00	137.73	.06	3.28	.02	132.58
2390.	1604.	535.	251.	1020.	175.	197.	18665.	3598.	132.88
26.83	1.57	3.06	1.27	.130	.105	.130	0.000	128.58	1388.93
.003455	2050.	2300.	2150.	2	0	0	0.00	460.78	1849.71

CCHV= .100 CEHV= .300

*SECNO 116025.000

116025.00	7.74	142.15	0.00	0.00	142.17	.02	4.43	.00	135.51
2120.	1162.	181.	777.	1024.	108.	936.	18758.	3628.	136.11
27.44	1.14	1.68	.83	.130	.110	.130	0.000	134.41	1052.17
.001145	2325.	2325.	2325.	3	0	0	0.00	658.10	1710.26

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 117425.000									
117425.00	6.77	144.39	0.00	0.00	144.42	.04	2.25	.01	138.72
2120.	1246.	216.	658.	813.	93.	594.	18813.	3646.	139.32
27.69	1.53	2.32	1.11	.130	.110	.130	0.000	137.62	1064.04
.002651	1400.	1400.	1250.	3	0	0	0.00	520.52	1584.57
CCHV= .300 CEHV= .500									
*SECNO 118825.000									
118825.00	7.73	148.56	0.00	0.00	148.63	.06	4.19	.01	144.43
1660.	671.	251.	738.	507.	57.	761.	18858.	3670.	141.03
27.93	1.32	4.37	.97	.130	.065	.130	0.000	140.83	1258.35
.003530	1400.	1400.	1400.	4	0	0	0.00	951.23	2209.58
*SECNO 118900.000									
118900.00	8.90	148.84	0.00	0.00	148.86	.03	.22	.01	141.19
1660.	722.	78.	861.	597.	21.	1003.	18860.	3671.	141.19
27.95	1.21	3.64	.86	.130	.065	.130	0.000	139.94	1244.71
.002576	75.	75.	75.	2	0	0	0.00	1210.30	2455.01
*SECNO 118910.000									
3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.44									
118910.00	8.91	148.85	0.00	0.00	148.95	.10	.06	.04	141.19
1660.	343.	77.	1239.	196.	9.	694.	18861.	3672.	141.19
27.95	1.75	8.46	1.79	.130	.023	.130	0.000	139.94	1243.46
.019917	10.	10.	10.	1	0	0	-752.99	1234.17	2477.63
*SECNO 118938.000									
3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.68									
118938.00	9.08	149.26	0.00	0.00	149.31	.04	.34	.02	141.43
1660.	373.	58.	1229.	286.	10.	958.	18861.	3673.	141.43
27.96	1.30	5.76	1.28	.130	.023	.130	0.000	140.18	1235.33
.008038	28.	28.	28.	2	0	0	-611.40	1388.61	2623.93

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	IWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
*SECNO 118948.000										
118948.00	9.09	149.33	0.00	0.00	149.35	.02	.03	.01	141.49	
1660.	694.	70.	897.	646.	22.	1206.	18862.	3673.	141.49	
27.96	1.07	3.19	.74	.130	.065	.130	0.000	140.24	1235.00	
.001924	10.	10.	10.	2	0	0	0.00	1394.82	2629.82	
*SECNO 119000.000										
119000.00	8.58	149.41	0.00	0.00	149.42	.01	.07	.00	144.42	
1660.	590.	152.	918.	720.	71.	1682.	18864.	3675.	145.13	
27.98	.82	2.16	.55	.130	.065	.130	0.000	140.83	1216.01	
.001048	52.	52.	52.	2	0	0	0.00	1755.47	2971.48	

 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

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

LOCKWOODS FOLLY RIVER

SUMMARY PRINTOUT

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DI FWSP
725.000	0.00	0.00	0.00	3440.00	82.18	88.57	0.00	6.11	1050.51	1171.77	563.30	0.00
725.000	0.00	0.00	0.00	6330.00	82.18	90.79	0.00	7.47	1041.89	1176.21	847.09	2.22
725.000	0.00	0.00	0.00	7660.00	82.18	91.64	0.00	7.95	1039.08	1177.92	963.63	.85
725.000	0.00	0.00	0.00	10490.00	82.18	93.23	0.00	8.82	1035.01	1181.09	1189.65	1.59
5225.000	4500.00	0.00	0.00	3240.00	90.12	95.98	0.00	4.20	1041.35	1249.23	771.82	0.00
5225.000	4500.00	0.00	0.00	5990.00	90.12	97.93	0.00	5.02	1032.31	1255.36	1192.30	1.94
5225.000	4500.00	0.00	0.00	7270.00	90.12	98.72	0.00	5.31	1028.13	1257.81	1369.78	.79
5225.000	4500.00	0.00	0.00	10000.00	90.12	100.23	0.00	5.79	1018.99	1261.46	1727.39	1.51
8950.000	3725.00	0.00	0.00	3150.00	89.88	99.79	0.00	3.62	1009.81	1144.45	870.08	0.00
8950.000	3725.00	0.00	0.00	5850.00	89.88	102.01	0.00	4.74	1001.58	1919.44	1542.78	2.22
8950.000	3725.00	0.00	0.00	7110.00	89.88	102.67	0.00	4.82	985.46	2459.69	2322.18	.66
8950.000	3725.00	0.00	0.00	9800.00	89.88	103.72	0.00	4.51	931.57	3189.95	4350.31	1.05
16450.000	7500.00	0.00	0.00	3140.00	88.01	102.77	0.00	2.52	313.99	1285.34	1830.71	0.00
16450.000	7500.00	0.00	0.00	5830.00	88.01	104.75	0.00	2.55	-269.99	1351.10	4557.56	1.98
16450.000	7500.00	0.00	0.00	7090.00	88.01	105.25	0.00	2.63	-317.10	1362.92	5386.89	.50
16450.000	7500.00	0.00	0.00	9770.00	88.01	105.97	0.00	2.92	-385.68	1380.13	6647.22	.72
26075.000	9625.00	0.00	0.00	3080.00	83.93	103.75	0.00	1.52	1012.51	3175.71	4678.46	0.00
26075.000	9625.00	0.00	0.00	5720.00	83.93	105.42	0.00	1.50	1000.78	3303.03	8396.07	1.67
26075.000	9625.00	0.00	0.00	6960.00	83.93	105.91	0.00	1.57	989.21	3341.33	9561.00	.49
26075.000	9625.00	0.00	0.00	9620.00	83.93	106.70	0.00	1.75	967.64	3400.98	11427.56	.79
34050.000	7975.00	0.00	0.00	3030.00	84.96	104.32	0.00	1.89	415.57	2698.89	3658.04	0.00
34050.000	7975.00	0.00	0.00	5630.00	84.96	105.83	0.00	1.98	-11.02	3140.05	8080.43	1.51
34050.000	7975.00	0.00	0.00	6860.00	84.96	106.31	0.00	2.01	-17.45	3159.36	9607.64	.48
34050.000	7975.00	0.00	0.00	9480.00	84.96	107.12	0.00	2.12	-28.21	3191.62	12187.28	.81
39900.000	5850.00	0.00	0.00	3010.00	84.41	104.98	0.00	2.03	557.97	1523.14	2795.50	0.00
39900.000	5850.00	0.00	0.00	5610.00	84.41	106.60	0.00	2.95	508.42	1704.77	4551.88	1.63
39900.000	5850.00	0.00	0.00	6830.00	84.41	107.12	0.00	3.33	492.63	1762.67	5190.73	.52
39900.000	5850.00	0.00	0.00	9450.00	84.41	108.01	0.00	4.04	465.39	1862.51	6382.06	.89

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DI FWSP
43625.000	3725.00	0.00	0.00	2910.00	88.50	105.39	0.00	1.99	606.54	2098.08	3561.38	0.00
43625.000	3725.00	0.00	0.00	5430.00	88.50	107.27	0.00	2.58	359.20	2631.83	7099.21	1.88
43625.000	3725.00	0.00	0.00	6620.00	88.50	107.90	0.00	2.79	276.94	2809.36	8601.29	.63
43625.000	3725.00	0.00	0.00	9190.00	88.50	108.99	0.00	3.14	132.52	3121.02	11631.10	1.10
50150.000	6525.00	0.00	0.00	2890.00	85.17	106.01	0.00	1.58	334.30	1136.67	3493.84	0.00
50150.000	6525.00	0.00	0.00	5400.00	85.17	108.16	0.00	2.24	144.55	1241.72	5536.37	2.16
50150.000	6525.00	0.00	0.00	6590.00	85.17	108.89	0.00	2.50	80.33	1277.27	6371.15	.73
50150.000	6525.00	0.00	0.00	9150.00	85.17	110.17	0.00	2.98	-32.47	1339.72	8013.43	1.28
50225.000	75.00	0.00	0.00	2890.00	85.28	106.02	0.00	1.39	932.68	1148.53	2072.21	0.00
50225.000	75.00	0.00	0.00	5400.00	85.28	108.17	0.00	2.10	919.75	1164.24	2573.72	2.15
50225.000	75.00	0.00	0.00	6590.00	85.28	108.89	0.00	2.39	919.00	1169.55	2754.29	.73
50225.000	75.00	0.00	0.00	9150.00	85.28	110.16	0.00	2.97	919.00	1178.82	3079.06	1.27
50235.000	10.00	113.03	111.43	2890.00	85.28	106.02	0.00	1.42	333.87	1148.55	2038.47	0.00
50235.000	10.00	113.03	111.43	5400.00	85.28	108.17	0.00	2.13	143.85	1241.98	2532.11	2.15
50235.000	10.00	113.03	111.43	6590.00	85.28	108.89	0.00	2.43	79.82	1277.56	2707.84	.73
50235.000	10.00	113.03	111.43	9150.00	85.28	110.16	0.00	3.13	-32.41	1339.80	2923.61	1.27
50275.000	40.00	113.03	111.43	2890.00	85.28	106.02	0.00	1.42	333.52	1148.58	2039.31	0.00
50275.000	40.00	113.03	111.43	5400.00	85.28	108.18	0.00	2.13	143.15	1242.38	2534.04	2.16
50275.000	40.00	113.03	111.43	6590.00	85.28	108.91	0.00	2.43	78.90	1278.07	2710.20	.73
50275.000	40.00	113.03	111.43	9150.00	85.28	110.19	0.00	3.13	-33.84	1340.59	2925.44	1.28
50285.000	10.00	0.00	0.00	2890.00	85.28	106.02	0.00	1.39	932.59	1148.59	2074.15	0.00
50285.000	10.00	0.00	0.00	5400.00	85.28	108.18	0.00	2.10	919.74	1164.31	2575.92	2.16
50285.000	10.00	0.00	0.00	6590.00	85.28	108.91	0.00	2.39	919.00	1169.62	2756.71	.73
50285.000	10.00	0.00	0.00	9150.00	85.28	110.22	0.00	2.96	919.00	1179.04	3088.06	1.30
50375.000	100.00	0.00	0.00	2890.00	85.17	106.03	0.00	1.55	332.31	1137.77	3511.95	0.00
50375.000	100.00	0.00	0.00	5400.00	85.17	108.21	0.00	2.19	140.68	1243.86	5584.59	2.18
50375.000	100.00	0.00	0.00	6590.00	85.17	108.96	0.00	2.43	74.83	1280.31	6446.00	.75
50375.000	100.00	0.00	0.00	9150.00	85.17	110.31	0.00	2.88	-44.68	1346.48	8204.53	1.34
55975.000	5600.00	0.00	0.00	2300.00	86.72	106.33	0.00	.92	663.00	3240.57	8724.68	0.00
55975.000	5600.00	0.00	0.00	4380.00	86.72	108.59	0.00	1.04	553.27	3466.88	14938.16	2.26
55975.000	5600.00	0.00	0.00	5400.00	86.72	109.37	0.00	1.10	515.31	3545.18	17265.03	.78
55975.000	5600.00	0.00	0.00	7630.00	86.72	110.78	0.00	1.23	446.91	3686.25	21687.12	1.41
61350.000	5375.00	0.00	0.00	2280.00	90.25	106.51	0.00	.88	-927.91	1314.76	8685.51	0.00
61350.000	5375.00	0.00	0.00	4350.00	90.25	108.77	0.00	.96	-1023.38	1349.17	13878.32	2.25
61350.000	5375.00	0.00	0.00	5370.00	90.25	109.56	0.00	1.02	-1056.88	1361.25	15769.96	.79
61350.000	5375.00	0.00	0.00	7590.00	90.25	110.98	0.00	1.13	-1117.41	1383.08	19279.00	1.43
73700.000	12350.00	0.00	0.00	2280.00	90.16	107.42	0.00	1.07	709.26	2019.33	4884.30	0.00
73700.000	12350.00	0.00	0.00	4350.00	90.16	109.60	0.00	1.21	586.34	2182.88	8053.47	2.18
73700.000	12350.00	0.00	0.00	5370.00	90.16	110.41	0.00	1.27	540.60	2243.73	9392.02	.81
73700.000	12350.00	0.00	0.00	7590.00	90.16	111.89	0.00	1.39	457.15	2354.77	12057.52	1.48

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
78625.000	4925.00	0.00	0.00	2280.00	100.25	108.33	0.00	.88	333.70	2093.30	5925.93	0.00
78625.000	4925.00	0.00	0.00	4350.00	100.25	110.41	0.00	.93	185.15	2241.85	9894.29	2.08
78625.000	4925.00	0.00	0.00	5370.00	100.25	111.21	0.00	.97	127.87	2299.13	11589.77	.80
78625.000	4925.00	0.00	0.00	7590.00	100.25	112.69	0.00	1.04	22.39	2404.61	14951.79	1.48
78825.000	200.00	0.00	0.00	2000.00	95.96	108.37	0.00	1.03	738.90	2336.87	3604.55	0.00
78825.000	200.00	0.00	0.00	3840.00	95.96	110.44	0.00	.99	521.32	2544.24	7434.31	2.07
78825.000	200.00	0.00	0.00	4770.00	95.96	111.24	0.00	1.01	477.60	2624.39	9105.34	.80
78825.000	200.00	0.00	0.00	6810.00	95.96	112.71	0.00	1.05	397.07	2772.04	12443.49	1.47
78925.000	100.00	0.00	0.00	2000.00	95.96	108.41	0.00	1.81	974.00	1166.00	1107.03	0.00
78925.000	100.00	0.00	0.00	3840.00	95.96	110.43	0.00	2.56	974.00	1166.00	1498.07	2.03
78925.000	100.00	0.00	0.00	4770.00	95.96	111.26	0.00	1.00	477.03	2625.45	9128.03	.82
78925.000	100.00	0.00	0.00	6810.00	95.96	112.73	0.00	1.04	396.68	2772.75	12460.41	1.47
78945.000	20.00	111.07	110.47	2000.00	95.96	108.41	0.00	1.80	974.00	1166.00	1109.44	0.00
78945.000	20.00	111.07	110.47	3840.00	95.96	110.51	0.00	2.54	974.00	1166.00	1512.88	2.10
78945.000	20.00	111.07	110.47	4770.00	95.96	111.30	0.00	.99	473.94	2631.11	9249.99	.79
78945.000	20.00	111.07	110.47	6810.00	95.96	112.79	0.00	1.03	392.66	2780.13	12636.09	1.49
79020.000	75.00	0.00	0.00	2000.00	95.96	108.50	0.00	.98	710.90	2349.59	3810.51	0.00
79020.000	75.00	0.00	0.00	3840.00	95.96	110.66	0.00	.94	509.32	2566.25	7883.22	2.16
79020.000	75.00	0.00	0.00	4770.00	95.96	111.32	0.00	.99	473.56	2631.81	9265.01	.66
79020.000	75.00	0.00	0.00	6810.00	95.96	112.81	0.00	1.03	392.38	2780.64	12648.39	1.49
85050.000	5950.00	0.00	0.00	2000.00	98.45	110.72	0.00	1.46	525.15	1711.90	3349.27	0.00
85050.000	5950.00	0.00	0.00	3840.00	98.45	112.34	0.00	1.68	380.25	1927.73	5577.75	1.63
85050.000	5950.00	0.00	0.00	4770.00	98.45	113.00	0.00	1.75	322.17	2014.24	6636.09	.66
85050.000	5950.00	0.00	0.00	6810.00	98.45	114.32	0.00	1.81	205.26	2188.39	9052.97	1.31
88575.000	3525.00	0.00	0.00	1920.00	103.61	111.76	0.00	0.00	678.02	1927.89	4391.45	0.00
88575.000	3525.00	0.00	0.00	3710.00	103.61	113.52	0.00	0.00	575.73	2142.53	6874.46	1.75
88575.000	3525.00	0.00	0.00	4610.00	103.61	114.21	0.00	0.00	536.55	2224.76	7973.78	.69
88575.000	3525.00	0.00	0.00	6610.00	103.61	115.51	0.00	0.00	460.27	2384.83	10348.89	1.31
96725.000	8150.00	0.00	0.00	1020.00	105.00	114.47	0.00	2.23	1431.77	1936.74	948.70	0.00
96725.000	8150.00	0.00	0.00	2080.00	105.00	116.29	0.00	1.85	1093.76	2021.35	2226.40	1.82
96725.000	8150.00	0.00	0.00	2660.00	105.00	117.00	0.00	1.77	1069.29	2043.59	2901.10	.71
96725.000	8150.00	0.00	0.00	4010.00	105.00	118.29	0.00	1.73	1024.75	2084.09	4214.75	1.29
96800.000	75.00	0.00	0.00	1020.00	102.98	114.64	0.00	2.29	1541.96	1619.90	445.31	0.00
96800.000	75.00	0.00	0.00	2080.00	102.98	116.37	0.00	3.56	1541.70	1623.95	583.84	1.73
96800.000	75.00	0.00	0.00	2660.00	102.98	117.03	0.00	4.16	1541.60	1625.53	639.58	.66
96800.000	75.00	0.00	0.00	4010.00	102.98	118.22	0.00	5.41	1541.42	1628.30	740.56	1.19
96810.000	10.00	121.02	121.07	1020.00	102.98	114.67	0.00	2.49	1421.89	1947.46	410.36	0.00
96810.000	10.00	121.02	121.07	2080.00	102.98	116.42	0.00	3.85	1089.57	2025.12	539.73	1.75
96810.000	10.00	121.02	121.07	2660.00	102.98	117.10	111.37	4.49	1065.97	2046.53	592.50	.67
96810.000	10.00	121.02	121.07	4010.00	102.98	118.31	113.22	5.82	1023.96	2084.76	689.50	1.22

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRIWS	VCH	SSTA	ENDST	AREA	DIFWSP
96840.000	30.00	121.02	121.07	1020.00	102.98	114.81	0.00	2.43	1414.99	1955.20	420.42	0.00
96840.000	30.00	121.02	121.07	2080.00	102.98	116.70	0.00	3.70	1079.69	2034.09	561.69	1.89
96840.000	30.00	121.02	121.07	2660.00	102.98	117.45	0.00	4.29	1053.65	2057.71	620.51	.75
96840.000	30.00	121.02	121.07	4010.00	102.98	118.87	113.22	5.46	1004.80	2104.68	735.02	1.42
96850.000	10.00	0.00	0.00	1020.00	102.98	114.86	0.00	2.21	1541.93	1620.39	461.71	0.00
96850.000	10.00	0.00	0.00	2080.00	102.98	116.80	0.00	3.36	1541.63	1624.97	619.74	1.95
96850.000	10.00	0.00	0.00	2660.00	102.98	117.59	0.00	3.88	1541.51	1626.81	685.93	.79
96850.000	10.00	0.00	0.00	4010.00	102.98	119.08	0.00	4.91	1541.29	1630.31	816.03	1.49
96950.000	100.00	0.00	0.00	1020.00	105.00	115.10	0.00	1.59	1400.44	1971.73	1287.70	0.00
96950.000	100.00	0.00	0.00	2080.00	105.00	117.14	0.00	1.31	1064.41	2048.03	3039.99	2.04
96950.000	100.00	0.00	0.00	2660.00	105.00	117.99	0.00	1.26	1035.09	2074.68	3900.00	.85
96950.000	100.00	0.00	0.00	4010.00	105.00	119.65	0.00	1.21	1000.00	2156.49	5722.80	1.66
102300.000	5350.00	0.00	0.00	950.00	111.58	117.74	0.00	.74	645.45	1933.71	2592.69	0.00
102300.000	5350.00	0.00	0.00	1950.00	111.58	119.03	0.00	.83	435.22	1961.02	4398.54	1.28
102300.000	5350.00	0.00	0.00	2500.00	111.58	119.65	0.00	.85	334.60	1974.09	5370.73	.62
102300.000	5350.00	0.00	0.00	3790.00	111.58	120.97	0.00	.87	116.92	2001.24	7712.88	1.32
103500.000	1225.00	0.00	0.00	950.00	114.52	118.78	0.00	4.70	957.48	1819.90	486.21	0.00
103500.000	1225.00	0.00	0.00	1950.00	114.52	119.87	0.00	2.67	777.63	1916.54	1613.38	1.09
103500.000	1225.00	0.00	0.00	2500.00	114.52	120.39	0.00	2.34	693.95	1927.41	2219.38	.52
103500.000	1225.00	0.00	0.00	3790.00	114.52	121.52	0.00	1.94	508.61	1951.49	3733.50	1.13
104725.000	1200.00	0.00	0.00	830.00	116.51	121.96	0.00	.99	1469.99	2044.65	1370.03	0.00
104725.000	1200.00	0.00	0.00	1710.00	116.51	122.80	0.00	1.42	1454.14	2075.63	1866.41	.84
104725.000	1200.00	0.00	0.00	2210.00	116.51	123.15	0.00	1.61	1430.87	2088.49	2088.57	.35
104725.000	1200.00	0.00	0.00	3390.00	116.51	123.82	0.00	1.98	1253.38	2107.63	2602.52	.67
107950.000	3225.00	0.00	0.00	830.00	119.77	124.18	0.00	1.95	1474.86	2005.83	790.60	0.00
107950.000	3225.00	0.00	0.00	1710.00	119.77	125.36	0.00	1.91	1469.38	2049.55	1446.52	1.18
107950.000	3225.00	0.00	0.00	2210.00	119.77	125.87	0.00	1.97	1466.37	2068.87	1754.70	.51
107950.000	3225.00	0.00	0.00	3390.00	119.77	126.85	0.00	2.13	1270.50	2102.86	2414.87	.98
111175.000	3225.00	0.00	0.00	530.00	123.52	130.88	0.00	1.37	1468.47	1796.35	715.36	0.00
111175.000	3225.00	0.00	0.00	1150.00	123.52	132.00	0.00	1.84	1417.91	1829.20	1124.57	1.11
111175.000	3225.00	0.00	0.00	1510.00	123.52	132.50	0.00	2.01	1394.65	1845.90	1340.55	.50
111175.000	3225.00	0.00	0.00	2390.00	123.52	133.51	0.00	2.28	1343.91	1879.73	1841.37	1.01
111285.000	100.00	0.00	0.00	530.00	123.41	131.02	0.00	2.75	1717.00	1752.00	193.01	0.00
111285.000	100.00	0.00	0.00	1150.00	123.41	132.14	0.00	1.66	1411.43	1833.95	1099.30	1.12
111285.000	100.00	0.00	0.00	1510.00	123.41	132.65	0.00	1.81	1386.90	1851.07	1326.76	.51
111285.000	100.00	0.00	0.00	2390.00	123.41	133.68	0.00	2.05	1335.52	1885.32	1847.69	1.03
111310.000	26.50	132.57	131.36	530.00	123.41	131.84	0.00	2.39	1717.00	1752.00	221.65	0.00
111310.000	26.50	132.57	131.36	1150.00	123.41	132.99	0.00	1.23	1369.79	1862.47	1490.47	1.15
111310.000	26.50	132.57	131.36	1510.00	123.41	133.55	0.00	1.35	1341.84	1881.11	1778.88	.56
111310.000	26.50	132.57	131.36	2390.00	123.41	134.35	0.00	1.69	1301.77	1901.71	2237.08	.81

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRIWS	VCH	SSTA	ENDST	AREA	DIFWSP
111400.000	60.00	0.00	0.00	530.00	123.52	131.99	0.00	.85	1418.33	1828.89	1120.79	0.00
111400.000	60.00	0.00	0.00	1150.00	123.52	133.03	0.00	1.28	1368.14	1863.58	1591.56	1.04
111400.000	60.00	0.00	0.00	1510.00	123.52	133.59	0.00	1.41	1340.04	1882.31	1883.13	.56
111400.000	60.00	0.00	0.00	2390.00	123.52	134.41	0.00	1.77	1297.53	1902.15	2358.06	.83
113700.000	2300.00	0.00	0.00	530.00	128.58	133.91	0.00	4.54	1578.49	1765.01	187.57	0.00
113700.000	2300.00	0.00	0.00	1150.00	128.58	135.77	0.00	3.24	1476.59	1793.59	657.75	1.86
113700.000	2300.00	0.00	0.00	1510.00	128.58	136.40	0.00	3.14	1447.07	1807.81	876.92	.64
113700.000	2300.00	0.00	0.00	2390.00	128.58	137.67	0.00	3.06	1388.93	1849.71	1392.69	1.27
116025.000	2325.00	0.00	0.00	460.00	134.41	139.54	0.00	1.01	1084.06	1458.61	755.06	0.00
116025.000	2325.00	0.00	0.00	990.00	134.41	140.64	0.00	1.32	1070.56	1548.94	1233.07	1.11
116025.000	2325.00	0.00	0.00	1320.00	134.41	141.16	0.00	1.46	1064.34	1582.94	1487.33	.52
116025.000	2325.00	0.00	0.00	2120.00	134.41	142.15	0.00	1.68	1052.17	1710.26	2068.16	.99
117425.000	1400.00	0.00	0.00	460.00	137.62	141.60	0.00	1.99	1098.00	1370.65	395.24	0.00
117425.000	1400.00	0.00	0.00	990.00	137.62	142.83	0.00	2.09	1083.02	1468.02	787.24	1.23
117425.000	1400.00	0.00	0.00	1320.00	137.62	143.38	0.00	2.16	1076.39	1517.09	1013.54	.55
117425.000	1400.00	0.00	0.00	2120.00	137.62	144.39	0.00	2.32	1064.04	1584.57	1499.98	1.01
118825.000	1400.00	0.00	0.00	340.00	140.83	146.76	0.00	3.35	1348.56	1654.81	317.21	0.00
118825.000	1400.00	0.00	0.00	750.00	140.83	147.54	0.00	4.05	1309.49	1805.12	627.00	.78
118825.000	1400.00	0.00	0.00	1010.00	140.83	147.89	0.00	4.23	1292.12	1926.27	828.21	.35
118825.000	1400.00	0.00	0.00	1660.00	140.83	148.56	0.00	4.37	1258.35	2209.58	1325.76	.68
118900.000	75.00	0.00	0.00	340.00	139.94	147.03	0.00	2.97	1335.01	1699.98	409.15	0.00
118900.000	75.00	0.00	0.00	750.00	139.94	147.84	0.00	3.37	1294.52	1918.26	798.98	.81
118900.000	75.00	0.00	0.00	1010.00	139.94	148.18	0.00	3.48	1277.35	1975.50	1025.97	.34
118900.000	75.00	0.00	0.00	1660.00	139.94	148.84	0.00	3.64	1244.71	2455.01	1621.56	.65
* 118910.000	10.00	147.03	142.44	340.00	139.94	147.85	147.85	9.20	1294.20	1919.35	203.64	0.00
* 118910.000	10.00	147.03	142.44	750.00	139.94	148.15	148.15	10.57	1278.77	1970.77	353.28	.31
* 118910.000	10.00	147.03	142.44	1010.00	139.94	148.29	148.29	11.21	1271.78	1994.06	430.41	.14
118910.000	10.00	147.03	142.44	1660.00	139.94	148.85	0.00	8.46	1243.46	2477.63	899.29	.56
118938.000	28.00	147.03	142.68	340.00	140.18	148.39	0.00	3.25	1278.88	1970.40	486.35	0.00
118938.000	28.00	147.03	142.68	750.00	140.18	148.76	0.00	4.46	1260.44	2172.08	725.93	.37
118938.000	28.00	147.03	142.68	1010.00	140.18	148.94	0.00	4.93	1251.59	2331.34	883.23	.18
118938.000	28.00	147.03	142.68	1660.00	140.18	149.26	0.00	5.76	1235.33	2623.93	1254.12	.33
118948.000	10.00	0.00	0.00	340.00	140.24	148.42	0.00	1.23	1280.63	1964.58	980.68	0.00
118948.000	10.00	0.00	0.00	750.00	140.24	148.81	0.00	2.06	1261.21	2158.26	1274.03	.39
118948.000	10.00	0.00	0.00	1010.00	140.24	148.99	0.00	2.44	1252.00	2323.86	1455.23	.18
118948.000	10.00	0.00	0.00	1660.00	140.24	149.33	0.00	3.19	1235.00	2629.82	1874.63	.34
119000.000	52.00	0.00	0.00	340.00	140.83	148.43	0.00	.83	1264.94	2091.03	1209.12	0.00
119000.000	52.00	0.00	0.00	750.00	140.83	148.84	0.00	1.40	1244.39	2460.76	1628.78	.41
119000.000	52.00	0.00	0.00	1010.00	140.83	149.04	0.00	1.66	1234.53	2638.30	1887.29	.20
119000.000	52.00	0.00	0.00	1660.00	140.83	149.41	0.00	2.16	1216.01	2971.48	2472.23	.37

SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION	SECNO=*****	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=*****	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=*****	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=*****	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=*****	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=*****	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=*****	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=*****	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=*****	PROFILE= 3	20 TRIALS ATTEMPTED TO BALANCE WSEL

FLOOD INSURANCE ZONE DATA FOR LOCKWOODS FOLLY RIVER

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND		
		10	2	0.2
725.000	0.	-3.07	-.85	1.59
5225.000	4500.	-2.73	-.79	1.51
8950.000	8225.	-2.87	-.66	1.05
16450.000	15725.	-2.48	-.50	.72
26075.000	25350.	-2.16	-.49	.79
34050.000	33325.	-1.99	-.48	.81
39900.000	39175.	-2.14	-.52	.89
43625.000	42900.	-2.51	-.63	1.10
50150.000	49425.	-2.88	-.73	1.28
50225.000	49500.	-2.88	-.73	1.27
50235.000	49510.	-2.88	-.73	1.27
50275.000	49550.	-2.89	-.73	1.28
50285.000	49560.	-2.89	-.73	1.30
50375.000	49660.	-2.93	-.75	1.34
55975.000	55260.	-3.05	-.78	1.41
61350.000	60635.	-3.04	-.79	1.43
73700.000	72985.	-2.99	-.81	1.48
78625.000	77910.	-2.88	-.80	1.48
78825.000	78110.	-2.87	-.80	1.47
78925.000	78210.	-2.85	-.82	1.47
78945.000	78230.	-2.89	-.79	1.49
79020.000	78305.	-2.82	-.66	1.49
85050.000	84255.	-2.29	-.66	1.31
88575.000	87780.	-2.45	-.69	1.31
96725.000	95930.	-2.53	-.71	1.29
96800.000	96005.	-2.39	-.66	1.19
96810.000	96015.	-2.43	-.67	1.22
96840.000	96045.	-2.64	-.75	1.42
96850.000	96055.	-2.73	-.79	1.49
96950.000	96155.	-2.89	-.85	1.66
102300.000	101505.	-1.91	-.62	1.32
103500.000	102730.	-1.61	-.52	1.13
104725.000	103930.	-1.19	-.35	.67
107950.000	107155.	-1.69	-.51	.98
111175.000	110380.	-1.62	-.50	1.01
111285.000	110480.	-1.63	-.51	1.03
111310.000	110507.	-1.71	-.56	.81
111400.000	110567.	-1.60	-.56	.83
113700.000	112867.	-2.49	-.64	1.27
116025.000	115192.	-1.62	-.52	.99
117425.000	116592.	-1.77	-.55	1.01
118825.000	117992.	-1.13	-.35	.68
118900.000	118067.	-1.16	-.34	.65
118910.000	118077.	-.45	-.14	.56

118938.000	118105.	-.55	-.18	.33
118948.000	118115.	-.57	-.18	.34
119000.000	118167.	-.61	-.20	.37
<hr/>				
WEIGHTED AVG FOR REACH	-2.48	-.65	1.17	

FHF FOR THE REACH = 025 WITH 94.9 PERCENT OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A 5

HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55

* WATER SURFACE PROFILES *
* VERSION OF NOVEMBER 1976 *
* UPDATED MARCH 1982 *
* *
* RUN DATE 09/29/82. TIME 09.04.07. *

* U.S. ARMY CORPS OF ENGINEERS *
* THE HYDROLOGIC ENGINEERING CENTER *
* 609 SECOND STREET, SUITE D *
* DAVIS, CALIFORNIA 95616 *
* (916) 440-2105 (FTS) 448-2105 *

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X      X  XXXXXXXX  XXXXX      XXXXX
X      X  X          X      X      X      X
X      X  X          X          X
XXXXXXXX XXXX      X          XXXXX
X      X  X          X          X
X      X  X          X          X
X      X  XXXXXXXX  XXXXX      XXXXXXXX

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BCYF/E

 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

T1 BRUNSWICK CO FIS
 T2 100 YEAR FLOW
 T3 LOCKWOODS FOLLY RIVER

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	5.	0.	0.	0.000000	0.00	0.0	0.	91.640	0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	54.000	25.000	50.000	0.000	200.000	0.000	0.000	0.000	0.000	0.000

ET	0.000	0.000	0.000	0.000	0.000	10.400	8.400	0.000	0.000	0.000
QT	9.000	3440.000	4450.000	6330.000	7660.000	7660.000	7660.000	8750.000	10490.000	11800.000
NC	.045	.045	.030	.100	.300	0.000	0.000	0.000	0.000	0.000
X1	725.000	28.000	1000.000	1200.000	0.000	0.000	0.000	0.000	100.000	0.000
GR	20.000	-1500.000	5.000	-1400.000	.580	-1000.000	.580	0.000	2.000	5.000
GR	.580	1000.000	-1.520	1010.000	-2.720	1020.000	-4.820	1030.000	-8.720	1040.000
GR	-11.320	1050.000	-13.520	1060.000	-15.820	1070.000	-16.520	1080.000	-16.720	1090.000
GR	-16.220	1100.000	-17.120	1110.000	-17.820	1120.000	-17.620	1130.000	-17.620	1140.000
GR	-16.920	1150.000	-15.720	1160.000	-12.320	1170.000	-7.320	1180.000	-2.320	1190.000
GR	1.380	1200.000	3.000	1800.000	20.000	2300.000	0.000	0.000	0.000	0.000
QT	9.000	3240.000	4200.000	5990.000	7270.000	7270.000	7270.000	8350.000	10000.000	11500.000
X1	5225.000	33.000	1000.000	1270.000	4325.000	4025.000	4500.000	0.000	100.000	0.000
GR	20.000	400.000	7.720	1000.000	2.820	1005.000	1.490	1013.000	.020	1020.000
GR	-1.580	1030.000	-3.680	1040.000	-6.180	1050.000	-6.980	1060.000	-7.480	1070.000
GR	-8.080	1080.000	-8.280	1090.000	-8.080	1100.000	-7.380	1110.000	-7.680	1120.000
GR	-6.780	1130.000	-7.180	1140.000	-7.480	1150.000	-7.480	1160.000	-8.180	1170.000
GR	-9.380	1180.000	-9.780	1190.000	-9.880	1200.000	-9.780	1210.000	-7.880	1220.000
GR	-6.980	1230.000	-6.880	1240.000	-3.780	1250.000	-5.580	1260.000	1.640	1264.000
GR	2.020	1270.000	3.500	2870.000	20.000	3870.000	0.000	0.000	0.000	0.000

NC	.125	.125	.045	.300	.500	0.000	0.000	0.000	0.000	0.000
QT	9.000	2890.000	3730.000	5400.000	6590.000	6590.000	6590.000	7420.000	9150.000	10400.000
X1	50150.000	17.000	1006.000	1120.000	4775.000	5500.000	6525.000	0.000	100.000	0.000
GR	20.000	-900.000	3.000	600.000	1.470	1000.000	1.170	1006.000	-1.530	1010.000
GR	-8.730	1020.000	-11.830	1030.000	-13.830	1040.000	-14.830	1050.000	-13.230	1060.000
GR	-12.030	1070.000	-8.430	1080.000	-6.030	1090.000	-.930	1100.000	1.170	1110.000
GR	5.670	1120.000	20.000	1820.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	50225.000	27.000	919.000	1184.000	75.000	75.000	75.000	0.000	100.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	111.940	111.940	0.000
GR	20.000	-900.000	3.000	600.000	2.930	617.000	2.550	717.000	2.170	817.000
GR	1.790	917.000	8.710	919.000	7.280	921.000	4.350	948.000	-1.920	981.500
GR	-2.010	982.000	-2.080	982.500	-7.260	1017.000	-14.600	1048.500	-14.720	1049.000
GR	-14.610	1049.500	-14.500	1050.000	.200	1116.500	.310	1117.000	.420	1117.500
GR	3.880	1133.000	10.200	1179.000	11.430	1184.000	7.660	1217.000	9.700	1317.000
GR	11.750	1417.000	20.000	1820.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	.043	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	8.400	0.000	0.000	0.000	0.000
X1	50235.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
BT	28.000	-900.000	120.000	0.000	617.000	113.030	0.000	717.000	113.860	0.000
BT	817.000	114.440	0.000	917.000	115.130	0.000	919.000	115.150	108.710	921.000
BT	115.160	108.730	948.000	115.370	108.990	981.500	115.620	109.320	981.500	115.620
BT	0.000	982.500	115.630	0.000	982.500	115.630	109.330	1017.000	115.890	109.670
BT	1048.500	116.160	110.000	1048.500	116.160	0.000	1049.500	116.170	0.000	1049.500
BT	116.170	110.010	1050.000	116.170	110.020	1116.500	116.650	110.720	1116.500	116.650
BT	0.000	1117.500	116.650	0.000	1117.500	116.650	110.730	1179.000	117.120	111.380
BT	1184.000	117.160	111.430	1217.000	117.400	0.000	1317.000	118.300	0.000	1417.000
BT	119.020	0.000	1820.000	120.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	50275.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
NC	.125	.125	.045	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	50285.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	115.160	115.160	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	120.000	1120.000	0.000	0.000
X1	50375.000	17.000	1000.000	1120.000	100.000	100.000	100.000	0.000	100.000	0.000
GR	20.000	-900.000	3.000	600.000	1.470	1000.000	1.170	1006.000	-1.530	1010.000
GR	-8.730	1020.000	-11.830	1030.000	-13.830	1040.000	-14.830	1050.000	-13.230	1060.000
GR	-12.030	1070.000	-8.430	1080.000	-6.030	1090.000	-.930	1100.000	1.170	1110.000
GR	5.670	1120.000	20.000	1820.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	.130	.130	.050	.100	.300	0.000	0.000	0.000	0.000	0.000
QT	9.000	2300.000	3030.000	4380.000	5400.000	5400.000	5400.000	6300.000	7630.000	8900.000
ET	0.000	0.000	0.000	0.000	0.000	6.400	0.000	0.000	0.000	0.000
X1	55975.000	18.000	1000.000	1108.000	3850.000	4075.000	5600.000	0.000	100.000	0.000
GR	20.000	0.000	3.500	800.000	2.320	1000.000	.220	1006.000	-.880	1010.000
GR	-5.780	1020.000	-9.480	1030.000	-10.980	1040.000	-13.280	1050.000	-11.780	1060.000
GR	-8.280	1070.000	-2.480	1080.000	-2.580	1090.000	-.680	1100.000	.310	1104.000
GR	1.220	1108.000	5.000	3108.000	20.000	4608.000	0.000	0.000	0.000	0.000

NC	.130	.130	.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	9.000	2280.000	3000.000	4350.000	5370.000	5370.000	5370.000	6200.000	7590.000	8700.000	8700.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	940.000	1227.500	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	2065.000	3065.000	0.000	0.000	0.000
X1	61350.000	15.000	3005.000	3065.000	3150.000	3650.000	5375.000	0.000	100.000	0.000	0.000
GR	20.000	500.000	3.500	2200.000	1.850	3000.000	2.050	3005.000	.750	3006.000	3006.000
GR	-.350	3010.000	-2.450	3020.000	-6.750	3030.000	-9.750	3040.000	-8.350	3050.000	3050.000
GR	-4.350	3060.000	.750	3061.000	2.050	3065.000	3.000	3261.000	20.000	3521.000	3521.000
NC	.130	.130	.085	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	776.300	1277.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	867.000	1800.000	0.000	0.000	0.000
X1	73700.000	13.000	1000.000	1063.000	9075.000	7675.000	12350.000	0.000	100.000	0.000	0.000
GR	20.000	0.000	2.260	1000.000	1.660	1008.000	.660	1010.000	-.740	1020.000	1020.000
GR	-7.540	1030.000	-8.340	1035.000	-9.840	1040.000	-5.240	1050.000	1.660	1059.000	1059.000
GR	2.160	1063.000	4.000	1763.000	20.000	2963.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	483.500	1940.000	0.000	0.000	0.000
X1	78625.000	10.000	1010.000	1027.000	4400.000	4950.000	4925.000	0.000	100.000	0.000	0.000
GR	20.000	-500.000	6.000	500.000	2.750	1000.000	1.500	1010.000	.250	1016.000	1016.000
GR	.550	1020.000	1.500	1023.000	3.150	1027.000	6.000	1927.000	20.000	2927.000	2927.000
QT	9.000	2000.000	2650.000	3840.000	4770.000	4770.000	4770.000	5550.000	6810.000	8000.000	8000.000
NC	0.000	0.000	0.000	.300	.500	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	6.400	0.000	0.000	0.000	0.000	0.000
X1	78825.000	13.000	974.000	1166.000	275.000	125.000	200.000	0.000	100.000	0.000	0.000
GR	20.000	0.000	9.000	600.000	7.300	974.000	7.220	990.000	6.760	992.000	992.000
GR	6.560	995.000	5.660	1012.000	4.360	1029.000	-1.240	1047.000	-4.040	1064.000	1064.000
GR	-3.520	1070.000	-2.640	1080.000	-2.540	1097.000	4.860	1114.000	5.170	1166.000	1166.000
GR	5.380	1200.000	7.000	2200.000	20.000	3500.000	0.000	0.000	0.000	0.000	0.000
X1	78925.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	110.720	110.720	0.000	0.000
SB	.900	1.560	3.000	0.000	20.000	11.000	1420.000	6.200	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	6.410	0.000	0.000	0.000	0.000	0.000
X1	78945.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	110.470	111.070	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	111.070	111.070	0.000	0.000
BT	9.000	674.000	111.370	0.000	774.000	110.970	0.000	874.000	111.070	0.000	0.000
BT	974.000	111.890	110.460	1070.000	111.830	110.470	1166.000	111.890	110.480	1174.000	1174.000
BT	11.870	0.000	1274.000	11.270	0.000	1374.000	10.970	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	6.400	0.000	0.000	0.000	0.000	0.000
X1	79020.000	0.000	0.000	0.000	75.000	75.000	75.000	0.000	0.000	0.000	0.000
NC	.130	.130	.095	.100	.300	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	665.800	1506.200	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	400.000	1730.000	0.000	0.000	0.000

SB	9.000	1.560	2.600	0.000	17.500	1.000	182.000	.600	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.410	0.000	0.000	0.000	0.000
X1	111310.000	0.000	0.000	0.000	26.500	26.500	26.500	0.000	0.000	0.000
X2	0.000	0.000	1.000	131.360	132.570	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	132.570	132.570	0.000
BT	13.000	1000.000	138.590	0.000	1100.000	136.620	0.000	1200.000	135.810	0.000
BT	1300.000	135.040	0.000	1400.000	134.420	0.000	1500.000	133.780	0.000	1600.000
BT	133.120	0.000	1700.000	132.570	0.000	1717.000	132.700	0.000	1752.000	132.750
BT	0.000	1800.000	132.840	0.000	1900.000	134.610	0.000	2000.000	137.380	0.000
ET	0.000	0.000	0.000	0.000	0.000	8.400	0.000	0.000	0.000	0.000
X1	111400.000	17.000	1727.000	1749.000	60.000	60.000	60.000	0.000	100.000	0.000
GR	38.590	1000.000	36.390	1100.000	35.390	1200.000	34.390	1300.000	32.390	1400.000
GR	30.190	1500.000	28.490	1600.000	28.120	1700.000	27.520	1727.000	24.860	1731.000
GR	24.290	1731.100	23.520	1739.000	23.620	1744.000	27.820	1749.000	31.120	1800.000
GR	34.120	1900.000	38.920	1935.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	113700.000	0.000	0.000	0.000	2050.000	2150.000	2300.000	0.000	5.060	0.000
NC	.130	.130	.110	.100	.300	0.000	0.000	0.000	0.000	0.000
QT	9.000	460.000	640.000	990.000	1320.000	1320.000	1320.000	1600.000	2120.000	2600.000
X1	116025.000	17.000	1275.000	1290.000	2325.000	2325.000	2325.000	0.000	100.000	0.000
GR	46.430	1000.000	38.230	1100.000	36.610	1200.000	35.510	1275.000	34.820	1277.000
GR	34.810	1277.000	34.410	1282.000	35.010	1286.000	36.110	1290.000	36.910	1300.000
GR	39.010	1400.000	39.910	1500.000	41.410	1600.000	42.060	1700.000	42.960	1800.000
GR	43.560	1900.000	44.460	2000.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	117425.000	0.000	0.000	0.000	1400.000	1250.000	1400.000	0.000	3.210	0.000
NC	.130	.130	.065	.300	.500	0.000	0.000	0.000	0.000	0.000
QT	9.000	340.000	470.000	750.000	1010.000	1010.000	1010.000	1250.000	1660.000	2040.000
X1	118825.000	18.000	1488.000	1496.000	1400.000	1400.000	1400.000	0.000	100.000	0.000
GR	51.330	1000.000	51.130	1100.000	49.730	1200.000	47.730	1300.000	45.730	1400.000
GR	44.430	1488.000	41.060	1490.000	41.030	1490.100	40.830	1493.000	41.030	1496.000
GR	45.130	1497.000	45.430	1500.000	46.430	1600.000	47.030	1700.000	47.530	1800.000
GR	47.730	1900.000	48.330	2000.000	60.000	12500.000	0.000	0.000	0.000	0.000
X1	118900.000	23.000	1491.750	1494.250	75.000	75.000	75.000	0.000	100.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	44.740	44.740	0.000
GR	55.000	-5000.000	51.330	1000.000	49.730	1200.000	47.730	1300.000	45.730	1400.000
GR	44.430	1488.000	41.060	1490.000	41.190	1491.750	40.260	1492.170	40.010	1492.580
GR	39.940	1493.000	40.010	1493.420	40.260	1493.830	41.190	1494.250	41.030	1496.000
GR	45.130	1497.000	45.430	1500.000	46.430	1600.000	47.030	1700.000	47.530	1800.000
GR	47.730	1900.000	48.330	2000.000	60.000	12500.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	.023	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	8.410	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.110	1492.000	1725.000	0.000	0.000
X1	118910.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
BT	18.000	1000.000	151.330	0.000	1100.000	150.230	0.000	1200.000	149.970	0.000
BT	1300.000	148.630	0.000	1400.000	147.830	0.000	1491.750	147.040	141.190	1492.170
BT	147.040	142.120	1492.580	147.030	142.370	1493.000	147.030	142.440	1493.420	147.030
BT	142.370	1493.830	147.030	142.120	1494.250	147.030	141.190	1500.000	147.030	0.000

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

*PROF 1

CCHV= .100 CEHV= .300

*SECNO 725.000

725.00	9.46	91.64	0.00	91.64	92.62	.98	0.00	0.00	100.58
7660.	0.	7660.	0.	0.	964.	0.	0.	0.	101.38
0.00	0.00	7.95	0.00	.045	.030	.045	0.000	82.18	1039.08
.001994	0.	0.	0.	0	0	0	0.00	138.84	1177.92

FLOW DISTRIBUTION FOR SECNO= 725.00 CWSEL= 91.64

STA= 1039. 1200.

PER Q= 100.0
 AREA= 963.6
 VEL= 7.9

*SECNO 5225.000

3301 HV CHANGED MORE THAN HVINS

5225.00	8.60	98.72	0.00	0.00	99.15	.44	6.48	.05	107.72
7270.	0.	7270.	0.	0.	1370.	0.	121.	19.	102.02
.24	0.00	5.31	0.00	.045	.030	.045	0.000	90.12	1028.13
.001073	4325.	4500.	4025.	3	0	0	0.00	229.68	1257.81

FLOW DISTRIBUTION FOR SECNO= 5225.00 CWSEL= 98.72

STA= 1028. 1270.

PER Q= 100.0
 AREA= 1369.8
 VEL= 5.3

*SECNO 8950.000

8950.00	12.79	102.67	0.00	0.00	102.98	.32	3.82	.01	102.38
7110.	1.	6184.	925.	2.	1282.	1038.	273.	85.	101.08
.47	.26	4.82	.89	.050	.040	.045	0.000	89.88	985.46
.000994	3450.	3725.	3300.	2	0	0	0.00	1474.24	2459.69

FLOW DISTRIBUTION FOR SECNO= 8950.00 CWSEL= 102.67

STA= 985. 1000. 1150. 2460.

PER Q= .0 87.0 13.0
 AREA= 2.1 1282.4 1037.8
 VEL= .3 4.8 .9

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

*SECNO 16450.000

16450.00	17.24	105.25	0.00	0.00	105.31	.06	2.30	.03	101.13
7090.	2824.	3683.	583.	3294.	1398.	695.	718.	230.	101.14
1.46	.86	2.63	.84	.045	.040	.050	0.000	88.01	-317.10
.000186	3775.	7500.	3575.	4	0	0	0.00	1680.02	1362.92

FLOW DISTRIBUTION FOR SECNO= 16450.00 CWSEL= 105.25

STA=	-317.	0.	1000.	1110.	1310.	1363.
PER Q=	.3	39.5	51.9	7.9	.4	
AREA=	73.1	3220.9	1397.6	635.8	59.5	
VEL=	.3	.9	2.6	.9	.4	

*SECNO 26075.000

26075.00	21.98	105.91	0.00	0.00	105.93	.02	.61	.00	101.13
6960.	33.	2103.	4824.	82.	1342.	8137.	1674.	451.	101.03
3.55	.40	1.57	.59	.050	.040	.045	0.000	83.93	989.21
.000054	3575.	9625.	5075.	3	0	0	0.00	2352.12	3341.33

FLOW DISTRIBUTION FOR SECNO= 26075.00 CWSEL= 105.91

STA=	989.	1031.	1118.	3118.	3341.
PER Q=	.5	30.2	67.8	1.5	
AREA=	82.4	1341.6	7810.9	326.1	
VEL=	.4	1.6	.6	.3	

*SECNO 34050.000

34050.00	21.35	106.31	0.00	0.00	106.34	.03	.41	.00	103.36
6860.	1167.	2972.	2722.	2140.	1475.	5992.	2603.	686.	101.66
4.80	.55	2.01	.45	.050	.045	.075	0.000	84.96	-17.45
.000124	3100.	7975.	3650.	2	0	0	0.00	3176.81	3159.36

FLOW DISTRIBUTION FOR SECNO= 34050.00 CWSEL= 106.31

STA=	-17.	0.	1000.	1107.	3107.	3159.
PER Q=	.0	17.0	43.3	39.6	.1	
AREA=	11.4	2129.0	1475.0	5958.0	34.3	
VEL=	.2	.5	2.0	.5	.2	

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

*SECNO 39900.000

39900.00	22.71	107.12	0.00	0.00	107.25	.13	.88	.03	102.51
6830.	874.	5199.	757.	1816.	1562.	1813.	3421.	922.	102.61
5.37	.48	3.33	.42	.115	.040	.115	0.000	84.41	492.63
.000234	5000.	5850.	4325.	2	0	0	0.00	1270.04	1762.67

FLOW DISTRIBUTION FOR SECNO= 39900.00 CWSEL= 107.12

STA=	493.	600.	1000.	1102.	1302.	1763.
PER Q=	.8	12.0	76.1	6.6	4.5	
AREA=	189.1	1626.7	1562.2	863.4	949.4	
VEL=	.3	.5	3.3	.5	.3	

*SECNO 43625.000

43625.00	19.40	107.90	0.00	0.00	107.97	.08	.71	.01	102.40
6620.	646.	4216.	1758.	1987.	1512.	5103.	3917.	1053.	101.90
5.88	.33	2.79	.34	.120	.040	.120	0.000	88.50	276.94
.000179	2850.	3725.	3025.	2	0	0	0.00	2532.42	2809.36

FLOW DISTRIBUTION FOR SECNO= 43625.00 CWSEL= 107.90

STA=	277.	1000.	1107.	2809.
PER Q=	9.8	63.7	26.6	
AREA=	1986.7	1511.5	5103.0	
VEL=	.3	2.8	.3	

CCHV= .300 CEHV= .500

*SECNO 50150.000

50150.00	23.72	108.89	0.00	0.00	108.96	.07	.98	.00	101.17
6590.	1843.	4697.	50.	4238.	1880.	253.	4850.	1278.	105.67
6.76	.43	2.50	.20	.125	.045	.125	0.000	85.17	80.33
.000148	4775.	6525.	5500.	2	0	0	0.00	1196.94	1277.27

FLOW DISTRIBUTION FOR SECNO= 50150.00 CWSEL= 108.89

STA=	80.	600.	1000.	1006.	1120.	1277.
PER Q=	6.9	20.7	.4	71.3	.8	
AREA=	1530.3	2661.8	45.4	1880.4	253.2	
VEL=	.3	.5	.6	2.5	.2	

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

*SECNO 50225.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 111.94 ELREA= 111.94

50225.00	23.61	108.89	0.00	0.00	108.98	.09	.01	.01	108.71
6590.	0.	6590.	0.	0.	2754.	0.	4858.	1279.	111.43
6.77	0.00	2.39	0.00	.125	.045	.125	0.000	85.28	919.00
.000220	75.	75.	75.	0	0	0	0.00	250.55	1169.55

FLOW DISTRIBUTION FOR SECNO= 50225.00 CWSEL= 108.89

STA= 919. 1184.
 PER Q= 100.0
 AREA= 2754.3
 VEL= 2.4

*SECNO 50235.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 28 MIN ELTRD= 113.03 MAX ELLC= 111.43

50235.00	23.61	108.89	0.00	0.00	108.99	.09	.00	.00	108.71
6590.	0.	6590.	0.	0.	2708.	0.	4859.	1279.	111.43
6.77	0.00	2.43	0.00	.125	.043	.125	0.000	85.28	79.82
.000333	10.	10.	10.	0	0	0	-3690.97	1161.06	1277.56

FLOW DISTRIBUTION FOR SECNO= 50235.00 CWSEL= 108.89

STA= 80. 1184.
 PER Q= 100.0
 AREA= 2707.8
 VEL= 2.4

*SECNO 50275.000

3265 DIVIDED FLOW

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

3370 NORMAL BRIDGE, NRD= 28 MIN ELTRD= 113.03 MAX ELLC= 111.43

50275.00	23.63	108.91	0.00	0.00	109.00	.09	.01	.00	108.71
6590.	0.	6590.	0.	0.	2710.	0.	4861.	1280.	111.43
6.77	0.00	2.43	0.00	.125	.043	.125	0.000	85.28	78.90
.000334	40.	40.	40.	0	0	0	-3700.66	1162.65	1278.07

FLOW DISTRIBUTION FOR SECNO= 50275.00 CWSEL= 108.91

STA= 79. 1184.
 PER Q= 100.0
 AREA= 2710.2
 VEL= 2.4

*SECNO 50285.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 115.16 ELREA= 115.16

50285.00	23.63	108.91	0.00	0.00	109.00	.09	.00	.00	108.71
6590.	0.	6590.	0.	0.	2757.	0.	4862.	1280.	111.43
6.78	0.00	2.39	0.00	.125	.045	.125	0.000	85.28	919.00
.000220	10.	10.	10.	0	0	0	0.00	250.62	1169.62

FLOW DISTRIBUTION FOR SECNO= 50285.00 CWSEL= 108.91

STA= 919. 1184.
 PER Q= 100.0
 AREA= 2756.7
 VEL= 2.4

*SECNO 50375.000

50375.00	23.79	108.96	0.00	0.00	109.03	.07	.02	.01	101.47
6590.	1830.	4708.	52.	4250.	1933.	263.	4872.	1282.	105.67
6.79	.43	2.43	.20	.125	.045	.125	0.000	85.17	74.83
.000145	100.	100.	100.	1	0	0	0.00	1205.48	1280.31

FLOW DISTRIBUTION FOR SECNO= 50375.00 CWSEL= 108.96

STA= 75. 600. 1000. 1120. 1280.
 PER Q= 7.0 20.8 71.4 .8
 AREA= 1562.9 2686.8 1933.3 263.1
 VEL= .3 .5 2.4 .2

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

CCHV= .100 CEHV= .300

*SECNO 55975.000

55975.00	22.65	109.37	0.00	0.00	109.38	.01	.35	.01	102.32
5400.	440.	1828.	3132.	2128.	1658.	13479.	6028.	1481.	101.22
9.35	.21	1.10	.23	.130	.050	.130	0.000	86.72	515.31
.000039	3850.	5600.	4075.	2	0	0	0.00	3029.87	3545.18

FLOW DISTRIBUTION FOR SECNO= 55975.00 CWSEL= 109.37

STA=	515.	800.	1000.	1108.	3108.	3545.
PER Q=	2.3	5.9	33.9	55.9	2.1	
AREA=	835.8	1292.4	1657.7	12523.5	955.6	
VEL=	.1	.2	1.1	.2	.1	

*SECNO 61350.000

61350.00	19.38	109.63	0.00	0.00	109.64	.01	.26	.00	102.05
5370.	3232.	1361.	777.	7536.	868.	1728.	7170.	1675.	102.05
10.89	.43	1.57	.45	.130	.060	.130	0.000	90.25	1568.55
.000133	3150.	5375.	3650.	2	0	0	0.00	1793.83	3362.38

FLOW DISTRIBUTION FOR SECNO= 61350.00 CWSEL= 109.63

STA=	1569.	2200.	3000.	3005.	3065.	3261.	3362.
PER Q=	10.0	49.8	.4	25.3	12.6	1.8	
AREA=	1935.0	5563.0	38.4	868.2	1392.3	336.0	
VEL=	.3	.5	.5	1.6	.5	.3	

*SECNO 73700.000

73700.00	20.77	110.93	0.00	0.00	110.93	.01	1.29	.00	102.26
5370.	779.	1019.	3573.	2115.	881.	7287.	9218.	2027.	102.16
15.17	.37	1.16	.49	.130	.085	.130	0.000	90.16	511.67
.000147	9075.	12350.	7675.	2	0	0	0.00	1770.54	2282.22

FLOW DISTRIBUTION FOR SECNO= 73700.00 CWSEL= 110.93

STA=	512.	1000.	1063.	1763.	2282.
PER Q=	14.5	19.0	55.9	10.6	
AREA=	2115.2	881.0	5490.0	1797.2	
VEL=	.4	1.2	.5	.3	

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

*SECNO 78625.000

78625.00	11.32	111.57	0.00	0.00	111.57	.00	.64	.00	101.50
5370.	2024.	160.	3186.	4809.	178.	7416.	10463.	2245.	103.15
18.20	.42	.90	.43	.130	.085	.130	0.000	100.25	101.46
.000122	4400.	4925.	4950.	1	0	0	0.00	2224.07	2325.54

FLOW DISTRIBUTION FOR SECNO= 78625.00 CWSEL= 111.57

STA=	101.	500.	1000.	1010.	1027.	1927.	2326.
PER Q=	5.2	31.5	1.0	3.0	54.2	5.2	
AREA=	1111.8	3602.3	94.5	177.6	6304.1	1111.8	
VEL=	.2	.5	.6	.9	.5	.2	

CCHV= .300 CEHV= .500

*SECNO 78825.000

78825.00	15.63	111.59	0.00	0.00	111.60	.01	.02	.00	107.30
4770.	448.	1595.	2727.	1473.	1721.	6678.	10507.	2254.	105.17
18.29	.30	.93	.41	.130	.085	.130	0.000	95.96	458.38
.000154	275.	200.	125.	0	0	0	0.00	2201.27	2659.65

FLOW DISTRIBUTION FOR SECNO= 78825.00 CWSEL= 111.59

STA=	458.	600.	974.	1166.	1200.	2200.	2660.
PER Q=	.7	8.7	33.4	2.2	49.5	5.5	
AREA=	183.9	1289.0	1721.2	214.9	5406.5	1056.4	
VEL=	.2	.3	.9	.5	.4	.2	

*SECNO 78925.000

78925.00	15.65	111.61	0.00	0.00	111.61	.01	.02	.00	107.30
4770.	449.	1594.	2727.	1477.	1723.	6691.	10530.	2259.	105.17
18.33	.30	.92	.41	.130	.085	.130	0.000	95.96	457.89
.000153	100.	100.	100.	0	0	0	0.00	2202.66	2660.54

FLOW DISTRIBUTION FOR SECNO= 78925.00 CWSEL= 111.61

STA=	458.	600.	974.	1166.	1200.	2200.	2661.
PER Q=	.7	8.8	33.4	2.2	49.5	5.5	
AREA=	185.1	1292.3	1722.9	215.2	5415.4	1060.5	
VEL=	.2	.3	.9	.5	.4	.2	

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

SPECIAL BRIDGE

5070.VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	.90	1.56	3.00	0.00	20.00	11.00	1420.00	6.20	95.96	95.96

*SECNO 78945.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
111.88	111.61	.00	2682.	2092.	1420.	1436.	110.47	111.07	
78945.00	15.69	111.65	0.00	0.00	111.66	.01	.05	0.00	107.30
4770.	454.	1584.	2732.	1506.	1733.	6772.	10535.	2260.	105.17
18.34	.30	.91	.40	.130	.085	.130	0.000	95.96	454.93
.000148	20.	20.	20.	0	0	4	0.00	2211.04	2665.96

FLOW DISTRIBUTION FOR SECNO= 78945.00 CWSEL= 111.65

STA=	455.	600.	974.	1166.	1200.	2200.	2666.
PER Q=	.7	8.8	33.2	2.2	49.5	5.6	
AREA=	192.9	1312.6	1733.3	217.1	5469.6	1085.6	
VEL=	.2	.3	.9	.5	.4	.2	

*SECNO 79020.000

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
79020.00	15.70	111.66	0.00	0.00	111.67	.01	.01	.00	107.30
4770.	455.	1583.	2732.	1508.	1734.	6780.	10552.	2263.	105.17
18.38	.30	.91	.40	.130	.085	.130	0.000	95.96	454.63
.000148	75.	75.	75.	0	0	0	0.00	2211.87	2666.51

FLOW DISTRIBUTION FOR SECNO= 79020.00 CWSEL= 111.66

STA=	455.	600.	974.	1166.	1200.	2200.	2667.
PER Q=	.7	8.9	33.2	2.2	49.5	5.6	
AREA=	193.7	1314.6	1734.3	217.3	5475.1	1088.1	
VEL=	.2	.3	.9	.5	.4	.2	

CCHV= .100 CEHV= .300

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

*SECNO 85050.000

85050.00	14.65	113.10	0.00	0.00	113.12	.01	1.44	.00	105.85
4770.	1704.	856.	2210.	2629.	503.	3675.	11695.	2528.	105.65
20.39	.65	1.70	.60	.130	.095	.130	0.000	98.45	313.24
.000479	5250.	5950.	6175.	2	0	0	0.00	1714.31	2027.55

FLOW DISTRIBUTION FOR SECNO= 85050.00 CWSEL= 113.10

STA=	313.	900.	1000.	1041.	2028.
PER Q=	22.5	13.2	17.9	46.3	
AREA=	1936.6	692.6	502.6	3675.4	
VEL=	.6	.9	1.7	.6	

CCHV= .300 CEHV= .500

*SECNO 88575.000

88575.00	10.64	114.25	0.00	0.00	114.26	.01	1.14	.00	106.21
4610.	0.	0.	4610.	0.	0.	8069.	12264.	2660.	70.00
22.02	0.00	0.00	.57	.130	.100	.130	0.000	103.61	533.30
.000253	3550.	3525.	3275.	2	0	0	0.00	1698.28	2231.58

FLOW DISTRIBUTION FOR SECNO= 88575.00 CWSEL= 114.25

STA=	533.	1000.	1004.	1010.	1020.	1025.	1531.	2232.
PER Q=	18.7	.6	1.1	2.0	.9	60.5	16.1	
AREA=	1877.3	35.6	61.2	106.4	51.0	3921.4	2015.8	
VEL=	.5	.7	.8	.9	.8	.7	.4	

*SECNO 96725.000

96725.00	11.99	116.99	0.00	0.00	117.00	.02	2.74	.01	110.91
2660.	822.	277.	1561.	1094.	155.	1639.	13152.	2882.	111.11
24.05	.75	1.78	.95	.130	.105	.130	0.000	105.00	1069.74
.001068	7675.	8150.	6975.	2	0	0	0.00	973.44	2043.18

FLOW DISTRIBUTION FOR SECNO= 96725.00 CWSEL= 116.99

STA=	1070.	1300.	1400.	1500.	1572.	1588.	1600.	1700.	1800.	1900.	2000.	2043.
PER Q=	4.5	3.5	8.2	14.7	10.4	3.1	20.7	16.5	12.6	5.5	.3	
AREA=	273.8	172.7	288.2	358.7	155.5	68.7	502.7	437.7	372.7	227.7	29.7	
VEL=	.4	.5	.8	1.1	1.8	1.2	1.1	1.0	.9	.6	.3	

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

*SECNO 96800.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 121.02 ELREA= 121.02

96800.00	14.04	117.02	0.00	0.00	117.29	.27	.16	.13	121.00
2660.	0.	2660.	0.	0.	639.	0.	13155.	2883.	121.00
24.06	0.00	4.17	0.00	.130	.105	.130	0.000	102.98	1541.60
.006406	75.	75.	75.	1	0	0	0.00	83.90	1625.50

FLOW DISTRIBUTION FOR SECNO= 96800.00 CWSEL= 117.02

STA= 1542. 1637.
 PER Q= 100.0
 AREA= 638.5
 VEL= 4.2

*SECNO 96810.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

96810.00	14.10	117.08	111.37	0.00	117.40	.31	.08	.02	121.00
2660.	0.	2660.	0.	0.	592.	0.	13155.	2883.	121.00
24.06	0.00	4.50	0.00	.130	.103	.130	0.000	102.98	1066.37
.011435	10.	10.	10.	4	12	0	-2178.50	931.42	2046.17

FLOW DISTRIBUTION FOR SECNO= 96810.00 CWSEL= 117.08

STA= 1066. 1637.
 PER Q= 100.0
 AREA= 591.6
 VEL= 4.5

*SECNO 96840.000

3265 DIVIDED FLOW

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

3370 NORMAL BRIDGE, NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

96840.00	14.46	117.44	0.00	0.00	117.73	.29	.32	.01	121.00
2660.	0.	2660.	0.	0.	620.	0.	13156.	2884.	121.00
24.06	0.00	4.29	0.00	.130	.103	.130	0.000	102.98	1054.00
.010094	30.	30.	30.	2	0	0	-2488.71	957.51	2057.40

FLOW DISTRIBUTION FOR SECNO= 96840.00 CWSEL= 117.44

STA= 1054. 1637.

PER Q= 100.0
 AREA= 619.7
 VEL= 4.3

*SECNO 96850.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 121.02 ELREA= 121.02

96850.00	14.60	117.58	0.00	0.00	117.81	.23	.07	.02	121.00
2660.	0.	2660.	0.	0.	685.	0.	13156.	2884.	121.00
24.06	0.00	3.88	0.00	.130	.105	.130	0.000	102.98	1541.52
.005213	10.	10.	10.	2	0	0	0.00	85.28	1626.79

FLOW DISTRIBUTION FOR SECNO= 96850.00 CWSEL= 117.58

STA= 1542. 1637.

PER Q= 100.0
 AREA= 685.1
 VEL= 3.9

*SECNO 96950.000

96950.00	12.99	117.99	0.00	0.00	117.99	.01	.11	.07	110.91
2660.	935.	216.	1509.	1611.	172.	2109.	13161.	2885.	111.11
24.10	.58	1.26	.72	.130	.105	.130	0.000	105.00	1035.38
.000471	100.	100.	100.	2	0	0	0.00	1039.05	2074.42

FLOW DISTRIBUTION FOR SECNO= 96950.00 CWSEL= 117.99

STA=	1035.	1200.	1300.	1400.	1500.	1572.	1588.	1700.	1800.	1900.	2000.	2074.
PER Q=	3.8	4.2	5.0	8.9	13.2	8.1	21.3	15.4	12.4	6.7	.9	
AREA=	273.0	247.4	272.4	387.9	430.5	171.6	683.1	537.4	472.4	327.4	88.3	
VEL=	.4	.5	.5	.6	.8	1.3	.8	.8	.7	.5	.3	

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

CCHV= .100 CEHV= .300

*SECNO 102300.000

102300.00	8.07	119.65	0.00	0.00	119.65	.00	1.66	.00	115.38
2500.	1557.	200.	743.	3606.	235.	1526.	13641.	3023.	115.38
26.73	.43	.85	.49	.130	.105	.130	0.000	111.58	334.96
.000286	4425.	5350.	4550.	5	0	0	0.00	1639.08	1974.04

FLOW DISTRIBUTION FOR SECNO= 102300.00 CWSEL= 119.65

STA=	335.	1000.	1100.	1300.	1400.	1500.	1535.	1568.	1600.	1700.	1800.	1900.	1974.
PER Q=	16.7	8.0	16.6	8.8	9.0	3.1	8.0	3.0	9.9	8.6	6.8	1.4	
AREA=	1350.0	406.0	832.0	431.0	436.0	150.9	235.3	143.0	463.0	423.0	368.0	128.8	
VEL=	.3	.5	.5	.5	.5	.5	.9	.5	.5	.5	.5	.3	

*SECNO 103500.000

103500.00	5.87	120.39	0.00	0.00	120.41	.03	.76	.01	118.32
2500.	1367.	382.	750.	1369.	163.	687.	13735.	3059.	118.32
26.97	1.00	2.34	1.09	.130	.105	.130	0.000	114.52	694.05
.003546	1150.	1225.	915.	2	0	0	0.00	1233.36	1927.40

FLOW DISTRIBUTION FOR SECNO= 103500.00 CWSEL= 120.39

STA=	694.	1000.	1100.	1300.	1400.	1500.	1535.	1568.	1600.	1700.	1800.	1900.	1927.
PER Q=	7.4	7.7	16.8	9.5	9.9	3.3	15.3	3.4	12.0	8.9	5.3	.4	
AREA=	285.7	186.8	393.6	211.8	216.8	74.1	163.0	72.9	243.8	203.8	148.8	17.6	
VEL=	.7	1.0	1.1	1.1	1.1	1.1	2.3	1.2	1.2	1.1	.9	.5	

*SECNO 104725.000

104725.00	6.64	123.15	0.00	0.00	123.17	.02	2.75	.00	116.90
2210.	217.	106.	1887.	199.	66.	1824.	13795.	3085.	118.91
27.28	1.09	1.61	1.03	.130	.115	.130	0.000	116.51	1430.85
.001538	1200.	1200.	1200.	3	0	0	0.00	657.65	2088.50

FLOW DISTRIBUTION FOR SECNO= 104725.00 CWSEL= 123.15

STA=	1431.	1467.	1480.	1500.	1518.	1529.	1600.	1700.	1800.	1900.	2000.	2089.
PER Q=	.1	.8	3.5	5.5	4.8	14.2	19.5	19.1	17.3	12.9	2.4	
AREA=	9.8	25.2	72.8	91.7	65.5	279.7	389.0	384.0	361.5	304.0	105.7	
VEL=	.2	.7	1.1	1.3	1.6	1.1	1.1	1.1	1.1	.9	.5	

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

*SECNO 107950.000

107950.00	6.10	125.87	0.00	0.00	125.90	.03	2.73	.00	120.16
2210.	221.	117.	1871.	163.	60.	1532.	13854.	3104.	122.17
27.59	1.36	1.97	1.22	.130	.115	.130	0.000	119.77	1466.37
.002594	1850.	3225.	1225.	3	0	0	0.00	602.49	2068.87

FLOW DISTRIBUTION FOR SECNO= 107950.00

CWSEL= 125.87

STA=	1466.	1480.	1500.	1518.	1529.	1600.	1700.	1800.	1900.	2000.	2069.
PER Q=	.6	3.5	5.9	5.3	14.4	19.8	19.4	17.2	12.2	1.6	
AREA=	18.3	62.2	82.2	59.7	242.1	335.9	330.9	308.4	250.9	64.0	
VEL=	.7	1.2	1.6	2.0	1.3	1.3	1.3	1.2	1.1	.6	

CCHV= .300 CEHV= .500

*SECNO 111175.000

111175.00	8.98	132.50	0.00	0.00	132.52	.03	6.63	.00	127.52
1510.	1008.	347.	155.	982.	172.	186.	13969.	3143.	127.82
28.31	1.03	2.01	.83	.130	.105	.130	0.000	123.52	1394.65
.001525	3225.	3225.	3225.	2	0	0	0.00	451.25	1845.90

FLOW DISTRIBUTION FOR SECNO= 111175.00

CWSEL= 132.50

STA=	1395.	1500.	1600.	1700.	1727.	1749.	1800.	1846.
PER Q=	4.0	20.1	32.2	10.4	23.0	9.5	.7	
AREA=	121.0	315.7	419.2	126.3	172.4	154.4	31.6	
VEL=	.5	1.0	1.2	1.2	2.0	.9	.3	

*SECNO 111285.000

111285.00	9.24	132.65	0.00	0.00	132.68	.03	.16	.00	130.91
1510.	990.	453.	66.	957.	250.	119.	13972.	3144.	130.84
28.34	1.03	1.81	.56	.130	.105	.130	0.000	123.41	1386.90
.001587	100.	100.	100.	2	0	0	0.00	464.17	1851.07

FLOW DISTRIBUTION FOR SECNO= 111285.00

CWSEL= 132.65

STA=	1387.	1400.	1500.	1600.	1700.	1717.	1752.	1800.	1851.
PER Q=	.0	5.0	22.2	34.9	3.4	30.0	3.4	1.0	
AREA=	1.7	136.2	331.2	434.7	53.3	250.2	80.3	39.1	
VEL=	.1	.6	1.0	1.2	1.0	1.8	.6	.4	

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

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	9.00	1.56	2.60	0.00	17.50	1.00	182.00	.60	123.41	123.41

*SECNO 111310.000
PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD	
134.32	132.85	.17	390.	1114.	182.	169.	131.36	132.57	
111310.00	10.14	133.55	0.00	0.00	133.56	.01	.88	0.00	130.91
1510.	1023.	379.	108.	1275.	282.	222.	13973.	3145.	130.84
28.34	.80	1.35	.48	.130	.105	.130	0.000	123.41	1341.84
.000749	27.	27.	27.	1	0	3	0.00	539.27	1881.11

FLOW DISTRIBUTION FOR SECNO= 111310.00 CWSEL= 133.55

STA=	1342.	1400.	1500.	1600.	1700.	1717.	1752.	1800.	1881.
PER Q=	.5	8.1	22.8	32.8	3.6	25.1	4.8	2.3	
AREA=	33.8	226.3	421.3	524.8	68.6	281.8	123.5	98.7	
VEL=	.2	.5	.8	.9	.8	1.3	.6	.4	

*SECNO 111400.000

111400.00	10.07	133.59	0.00	0.00	133.60	.01	.04	.00	127.52
1510.	1045.	277.	188.	1375.	196.	312.	13975.	3146.	127.82
28.36	.76	1.41	.60	.130	.105	.130	0.000	123.52	1340.04
.000629	60.	60.	60.	2	0	0	0.00	542.27	1882.31

FLOW DISTRIBUTION FOR SECNO= 111400.00 CWSEL= 133.59

STA=	1340.	1400.	1500.	1600.	1700.	1727.	1749.	1800.	1882.
PER Q=	.5	7.6	21.2	30.4	9.5	18.3	10.2	2.2	
AREA=	36.0	229.9	424.9	528.4	155.8	196.4	210.1	101.6	
VEL=	.2	.5	.8	.9	.9	1.4	.7	.3	

*SECNO 113700.000

113700.00	7.82	136.40	0.00	0.00	136.47	.07	2.84	.03	132.58
1510.	934.	463.	114.	633.	147.	97.	14042.	3167.	132.88
28.66	1.48	3.14	1.17	.130	.105	.130	0.000	128.58	1447.07
.004593	2050.	2300.	2150.	2	0	0	0.00	360.74	1807.81

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

FLOW DISTRIBUTION FOR SECNO= 113700.00 CWSEL= 136.40

STA=	1447.	1500.	1600.	1700.	1727.	1749.	1800.	1808.
PER Q=	1.1	16.5	32.9	11.4	30.6	7.5	.0	
AREA=	30.8	201.4	304.9	95.4	147.3	96.1	.9	
VEL=	.5	1.2	1.6	1.8	3.1	1.2	.2	

CCHV= .100 CEHV= .300

*SECNO 116025.000

116025.00	6.75	141.16	0.00	0.00	141.17	.01	4.69	.01	135.51
1320.	777.	135.	408.	808.	93.	587.	14105.	3191.	136.11
29.36	.96	1.46	.69	.130	.110	.130	0.000	134.41	1064.34
.001051	2325.	2325.	2325.	4	0	0	0.00	518.60	1582.94

FLOW DISTRIBUTION FOR SECNO= 116025.00 CWSEL= 141.16

STA=	1064.	1100.	1200.	1275.	1290.	1300.	1400.	1500.	1583.
PER Q=	1.9	25.2	31.8	10.2	3.6	19.4	6.8	1.1	
AREA=	52.1	373.4	382.1	92.9	46.4	319.4	169.4	51.6	
VEL=	.5	.9	1.1	1.5	1.0	.8	.5	.3	

*SECNO 117425.000

117425.00	5.76	143.38	0.00	0.00	143.41	.03	2.23	.01	138.72
1320.	833.	168.	319.	605.	78.	330.	14143.	3205.	139.32
29.63	1.38	2.16	.97	.130	.110	.130	0.000	137.62	1076.39
.002910	1400.	1400.	1250.	3	0	0	0.00	440.71	1517.09

FLOW DISTRIBUTION FOR SECNO= 117425.00 CWSEL= 143.38

STA=	1076.	1100.	1200.	1275.	1290.	1300.	1400.	1500.	1517.
PER Q=	1.0	25.2	36.9	12.7	4.0	17.5	2.6	.0	
AREA=	22.9	274.6	308.0	78.0	36.6	220.6	70.6	2.2	
VEL=	.6	1.2	1.6	2.2	1.5	1.0	.5	.2	

CCHV= .300 CEHV= .500

*SECNO 118825.000

118825.00	7.06	147.89	0.00	0.00	147.96	.07	4.53	.02	144.43
1010.	434.	220.	356.	363.	52.	413.	14173.	3222.	141.03
29.86	1.19	4.23	.86	.130	.065	.130	0.000	140.83	1292.12
.003757	1400.	1400.	1400.	4	0	0	0.00	634.15	1926.27

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

FLOW DISTRIBUTION FOR SECNO= 118825.00 CWSEL= 147.89

STA=	1292.	1400.	1488.	1496.	1497.	1500.	1600.	1700.	1800.	1900.	1926.
PER Q=	8.9	34.1	21.8	.4	1.0	21.3	8.9	3.0	.7	.0	
AREA=	116.4	247.1	52.0	4.8	7.8	195.8	115.8	60.8	25.8	2.1	
VEL=	.8	1.4	4.2	.8	1.3	1.1	.8	.5	.3	.1	

*SECNO 118900.000

118900.00	8.24	148.18	0.00	0.00	148.21	.03	.23	.01	141.19		
1010.	490.	69.	451.	447.	20.	559.	14175.	3224.	141.19		
29.87	1.10	3.48	.81	.130	.065	.130	0.000	139.94	1277.35		
.002627	75.	75.	75.	2	0	0	0.00	698.15	1975.50		

FLOW DISTRIBUTION FOR SECNO= 118900.00 CWSEL= 148.18

STA=	1277.	1400.	1488.	1492.	1494.	1500.	1600.	1700.	1800.	1976.
PER Q=	10.9	33.7	3.9	6.8	4.0	22.5	10.8	4.9	2.5	
AREA=	150.4	273.1	23.2	19.8	26.2	225.3	145.3	90.3	72.4	
VEL=	.7	1.2	1.7	3.5	1.5	1.0	.8	.5	.4	

*SECNO 118910.000

3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.44

3685 20 TRIALS ATTEMPTED WSEL, CWSEL
 3693 PROBABLE MINIMUM SPECIFIC ENERGY
 3720 CRITICAL DEPTH ASSUMED

118910.00	8.35	148.29	148.29	0.00	148.53	.24	.07	.10	141.19		
1010.	183.	86.	740.	92.	8.	330.	14175.	3224.	141.19		
29.87	1.99	11.21	2.24	.130	.023	.130	0.000	139.94	1271.78		
.043756	10.	10.	10.	20	11	0	-674.63	722.27	1994.06		

FLOW DISTRIBUTION FOR SECNO= 118910.00 CWSEL= 148.29

STA=	1272.	1488.	1492.	1494.	1600.	1700.	1800.	1900.	1994.
PER Q=	16.9	1.3	8.6	30.4	23.5	15.5	4.0	.0	
AREA=	87.7	4.6	7.7	118.7	99.4	77.4	34.4	.4	
VEL=	1.9	2.8	11.2	2.6	2.4	2.0	1.2	.5	

*SECNO 118938.000

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

3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.68

118938.00	8.76	148.94	0.00	0.00	148.97	.04	.38	.06	141.43	
1010.	221.	46.	743.	212.	9.	662.	14175.	3224.	141.43	
29.88	1.04	4.93	1.12	.130	.023	.130	0.000	140.18	1251.59	
.006562	28.	28.	28.	3	0	0	-580.94	1079.75	2331.34	

FLOW DISTRIBUTION FOR SECNO= 118938.00 CWSEL= 148.94

STA=	1252.	1400.	1488.	1492.	1494.	1600.	1700.	1800.	1900.	2331.
PER Q=	5.3	15.6	1.0	4.5	25.0	20.9	16.4	9.0	2.3	
AREA=	74.4	130.9	7.1	9.3	186.8	163.8	141.8	98.8	70.3	
VEL=	.7	1.2	1.4	4.9	1.4	1.3	1.2	.9	.3	

*SECNO 118948.000

118948.00	8.75	148.99	0.00	0.00	149.00	.01	.02	.01	141.49	
1010.	451.	51.	507.	562.	21.	872.	14175.	3225.	141.49	
29.88	.80	2.44	.58	.130	.065	.130	0.000	140.24	1252.00	
.001190	10.	10.	10.	2	0	0	0.00	1071.86	2323.86	

FLOW DISTRIBUTION FOR SECNO= 118948.00 CWSEL= 148.99

STA=	1252.	1400.	1488.	1492.	1494.	1500.	1600.	1700.	1800.	1900.	2324.
PER Q=	12.5	29.2	3.0	5.1	3.2	21.2	12.0	6.9	4.3	2.7	
AREA=	219.0	317.7	25.1	21.0	29.1	276.0	196.0	141.0	106.0	124.3	
VEL=	.6	.9	1.2	2.4	1.1	.8	.6	.5	.4	.2	

*SECNO 119000.000

119000.00	8.21	149.04	0.00	0.00	149.05	.01	.05	.00	144.42	
1010.	386.	112.	513.	623.	67.	1197.	14177.	3226.	145.13	
29.91	.62	1.66	.43	.130	.065	.130	0.000	140.83	1234.53	
.000663	52.	52.	52.	2	0	0	0.00	1403.78	2638.30	

FLOW DISTRIBUTION FOR SECNO= 119000.00 CWSEL= 149.04

STA=	1235.	1300.	1400.	1488.	1497.	1500.	1600.	1700.	1800.	1900.	2000.	2638.
PER Q=	.9	11.8	25.5	11.1	.8	19.3	11.8	7.5	5.2	3.0	3.3	
AREA=	42.9	230.9	348.9	67.2	11.3	310.9	230.9	175.9	140.9	100.9	226.4	
VEL=	.2	.5	.7	1.7	.7	.6	.5	.4	.4	.3	.1	

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

*PROF 2

CCHV= .100 CEHV= .300

*SECNO 725.000

2800 NAT Q1= 1715.55 WSEL= 91.64 ENC Q1= 2105.20 WSEL= 92.64 RATIO= -.2271
 NAT Q1= 2105. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 92.64

3470 ENCROACHMENT STATIONS=	1000.0	1200.0	TYPE=	4	TARGET=	0.000
725.00	10.46	92.64	0.00	91.64	93.39	.75 0.00 0.00 100.58
7660.	0.	7660.	0.	0.	1105.	0. 0. 0. 101.38
0.00	0.00	6.93	0.00	.045	.030	.045 0.000 82.18 1036.51
.001324	0.	0.	0.	0	0	0 0.00 143.41 1179.92

*SECNO 5225.000

2800 NAT Q1= 2219.37 WSEL= 98.72 ENC Q1= 2811.63 WSEL= 99.72 RATIO= -.2669
 NAT Q1= 2812. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 99.72

3470 ENCROACHMENT STATIONS=	1000.0	1270.0	TYPE=	4	TARGET=	0.000
5225.00	8.43	98.55	0.00	98.72	99.02	.46 5.60 .03 107.72
7270.	0.	7270.	0.	0.	1331.	0. 126. 19. 102.02
.23	0.00	5.46	0.00	.045	.030	.045 0.000 90.12 1029.19
.001169	4325.	4500.	4025.	3	0	0 0.00 228.09 1257.28

*SECNO 8950.000

2800 NAT Q1= 2255.26 WSEL= 102.67 ENC Q1= 2360.48 WSEL= 103.67 RATIO= -.0467
 NAT Q1= 3498. RATIOS LOB,CH,ROB= .0027 .6748 .3225 WSEL= 103.67

3470 ENCROACHMENT STATIONS=	1000.0	1150.0	TYPE=	4	TARGET=	.325
8950.00	13.09	102.97	0.00	102.67	103.42	.44 4.40 .00 102.38
7110.	0.	7110.	0.	0.	1329.	0. 240. 35. 101.08
.42	0.00	5.35	0.00	.050	.040	.045 0.000 89.88 1000.00
.001193	3450.	3725.	3300.	3	0	0 0.00 150.00 1150.00

*SECNO 16450.000

2800 NAT Q1= 5200.89 WSEL= 105.25 ENC Q1= 5200.89 WSEL= 106.25 RATIO= .0000
 NAT Q1= 7326. RATIOS LOB,CH,ROB= .4868 .4183 .0949 WSEL= 106.25

3470 ENCROACHMENT STATIONS=	465.2	1110.0	TYPE=	4	TARGET=	.290
16450.00	18.11	106.12	0.00	105.25	106.20	.08 2.75 .04 101.13
7090.	2907.	4183.	0.	2328.	1494.	0. 583. 81. 101.14
1.29	1.25	2.80	0.00	.045	.040	.050 0.000 88.01 465.22
.000203	3775.	7500.	3575.	1	0	0 0.00 644.78 1110.00

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

*SECNO 26075.000

2800 NAT Q1= 9428.83 WSEL= 105.91 ENC Q1= 9428.83 WSEL= 106.91 RATIO= .0000
 NAT Q1= 12871. RATIOS LOB,CH,ROB= .0064 .2455 .7481 WSEL= 106.91

3470 ENCROACHMENT STATIONS= 1031.0 2298.9 TYPE= 4 TARGET= .267
 26075.00 22.93 106.86 0.00 105.91 106.88 .02 .67 .01 101.13
 6960. 0. 2291. 4669. 0. 1423. 6199. 1362. 193. 101.03
 3.13 0.00 1.61 .75 .050 .040 .045 0.000 83.93 1031.00
 .000057 3575. 9625. 5075. 2 0 0 0.00 1267.87 2298.87

*SECNO 34050.000

2800 NAT Q1= 6172.76 WSEL= 106.31 ENC Q1= 6172.76 WSEL= 107.31 RATIO= .0000
 NAT Q1= 8990. RATIOS LOB,CH,ROB= .2226 .3343 .4431 WSEL= 107.31

3470 ENCROACHMENT STATIONS= 778.9 2039.1 TYPE= 4 TARGET= .313
 34050.00 22.33 107.29 0.00 106.31 107.32 .04 .44 .01 103.36
 6860. 656. 3348. 2856. 828. 1580. 4519. 2116. 308. 101.66
 4.22 .79 2.12 .63 .050 .045 .075 0.000 84.96 778.85
 .000125 3100. 7975. 3650. 2 0 0 0.00 1260.26 2039.12

*SECNO 39900.000

2800 NAT Q1= 4463.10 WSEL= 107.12 ENC Q1= 4463.10 WSEL= 108.12 RATIO= .0000
 NAT Q1= 5390. RATIOS LOB,CH,ROB= .1562 .7004 .1434 WSEL= 108.12

3470 ENCROACHMENT STATIONS= 818.7 1251.5 TYPE= 4 TARGET= .172
 39900.00 23.69 108.10 0.00 107.12 108.26 .16 .90 .04 102.51
 6830. 577. 5780. 474. 969. 1662. 799. 2700. 398. 102.61
 4.71 .59 3.48 .59 .115 .040 .115 0.000 84.41 818.73
 .000235 5000. 5850. 4325. 2 0 0 0.00 432.75 1251.48

*SECNO 43625.000

2800 NAT Q1= 4946.13 WSEL= 107.90 ENC Q1= 4946.13 WSEL= 108.90 RATIO= .0000
 NAT Q1= 6266. RATIOS LOB,CH,ROB= .1203 .5633 .3164 WSEL= 108.90

3470 ENCROACHMENT STATIONS= 962.4 1662.8 TYPE= 4 TARGET= .211
 43625.00 20.40 108.90 0.00 107.90 108.99 .09 .72 .01 102.40
 6620. 122. 4689. 1810. 239. 1619. 3346. 3024. 439. 101.90
 5.16 .51 2.90 .54 .120 .040 .120 0.000 88.50 962.42
 .000176 2850. 3725. 3025. 2 0 0 0.00 700.34 1662.75

SECNO	DEPTH	CWSEL	CRIS	WSELK	EG	HV	HL	OLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	IWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

CCHV= .300 CEHV= .500

*SECNO 50150.000

2800 NAT Q1= 5414.66 WSEL= 108.89 ENC Q1= 5414.66 WSEL= 109.89 RATIO= .0000
 NAT Q1= 6349. RATIOS LOB,CH,ROB= .3161 .6705 .0134 WSEL= 109.89

3470 ENCROACHMENT STATIONS= 685.4 1120.0 TYPE= 4 TARGET= .147
 50150.00 24.75 109.92 0.00 108.89 110.01 .08 1.01 .00 101.17
 6590. 1441. 5149. 0. 2522. 1998. 0. 3658. 510. 105.67
 5.96 .57 2.58 0.00 .125 .045 .125 0.000 85.17 685.42
 .000152 4775. 6525. 5500. 2 0 0 0.00 434.58 1120.00

*SECNO 50225.000

2800 NAT Q1= 4440.09 WSEL= 108.89 ENC Q1= 5042.26 WSEL= 109.89 RATIO= -.1356
 NAT Q1= 5042. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 109.89

3470 ENCROACHMENT STATIONS= 919.0 1184.0 TYPE= 4 TARGET= 0.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 111.94 ELREA= 111.94

50225.00 24.67 109.95 0.00 108.89 110.02 .07 .01 .00 108.71
 6590. 0. 6590. 0. 0. 3017. 0. 3664. 511. 111.43
 5.97 0.00 2.18 0.00 .125 .045 .125 0.000 85.28 919.00
 .000169 75. 75. 75. 0 0 0 0.00 258.08 1177.08

*SECNO 50235.000

3265 DIVIDED FLOW

3370 NORMAL BRIDGE,NRD= 28 MIN ELTRD= 113.03 MAX ELLC= 111.43

50235.00 24.67 109.95 0.00 108.89 110.03 .08 .00 .00 108.71
 6590. 0. 6590. 0. 0. 2896. 0. 3665. 511. 111.43
 5.97 0.00 2.28 0.00 .125 .043 .125 0.000 85.28 -12.87
 .000388 10. 10. 10. 2 0 0 -4806.63 1322.02 1328.99

*SECNO 50275.000

3265 DIVIDED FLOW

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

3370 NORMAL BRIDGE, NRD= 28 MIN ELTRD= 113.03 MAX ELLC= 111.43

50275.00	24.68	109.96	0.00	108.91	110.04	.08	.02	.00	108.71
6590.	0.	6590.	0.	0.	2898.	0.	3667.	512.	111.43
5.98	0.00	2.27	0.00	.125	.043	.125	0.000	85.28	-14.24
.000389	40.	40.	40.	2	0	0	-4825.24	1324.40	1329.75

*SECNO 50285.000

2800 NAT Q1= 4445.77 WSEL= 108.91 ENC Q1= 4930.96 WSEL= 109.71 RATIO= -.1091
 NAT Q1= 4931. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 109.71

3470 ENCROACHMENT STATIONS= 919.0 1184.0 TYPE= 4 TARGET= 0.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELLEA= 115.16 ELREA= 115.16

50285.00	24.69	109.97	0.00	108.91	110.05	.07	.00	.00	108.71
6590.	0.	6590.	0.	0.	3025.	0.	3668.	512.	111.43
5.98	0.00	2.18	0.00	.125	.045	.125	0.000	85.28	919.00
.000168	10.	10.	10.	0	0	0	0.00	258.28	1177.28

*SECNO 50375.000

3280 CROSS SECTION 50375.00 EXTENDED 90.01 FEET

3470 ENCROACHMENT STATIONS= 120.0 1120.0 TYPE= 1 TARGET= 1000.000

50375.00	24.85	110.02	0.00	108.96	110.07	.05	.01	.01	101.47
6590.	2175.	4415.	0.	5169.	2060.	0.	3680.	514.	100100.00
6.00	.42	2.14	0.00	.125	.045	.125	0.000	85.17	120.00
.000108	100.	100.	100.	1	0	0	0.00	1000.00	1120.00

CCHV= .100 CEHV= .300

*SECNO 55975.000

2800 NAT Q1= 8702.70 WSEL= 109.37 ENC Q1= 8702.70 WSEL= 109.97 RATIO= 0.0000
 NAT Q1= 9916. RATIOS LOB,CH,ROB= .0856 .3168 .5976 WSEL= 109.97

3470 ENCROACHMENT STATIONS= 921.1 2901.1 TYPE= 4 TARGET= .122

55975.00	23.63	110.35	0.00	109.37	110.35	.01	.28	.00	102.32
5400.	151.	1894.	3355.	614.	1762.	13310.	4804.	655.	101.22
8.47	.25	1.08	.25	.130	.050	.130	0.000	86.72	921.13
.000034	3850.	5600.	4075.	1	0	0	0.00	1979.93	2901.05

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

*SECNO 61350.000
3280 CROSS SECTION 61350.00 EXTENDED 90.59 FEET

3470 ENCROACHMENT STATIONS=	2065.0	3065.0	TYPE=	1	TARGET=	1000.000			
61350.00	20.34	110.59	0.00	109.63	110.60	.01	.25	.00	102.05
5370.	3904.	1466.	0.	7242.	926.	0.	5811.	777.	100100.00
9.82	.54	1.58	0.00	.130	.060	.130	0.000	90.25	2065.00
.000146	3150.	5375.	3650.	2	0	0	0.00	1000.00	3065.00

*SECNO 73700.000
3280 CROSS SECTION 73700.00 EXTENDED 91.92 FEET

3470 ENCROACHMENT STATIONS=	867.0	1800.0	TYPE=	1	TARGET=	933.000			
73700.00	21.76	111.92	0.00	110.93	111.93	.01	1.33	.00	102.26
5370.	604.	1102.	3664.	1128.	944.	6470.	7518.	971.	102.16
13.62	.54	1.17	.57	.130	.085	.130	0.000	90.16	867.00
.000137	9075.	12350.	7675.	2	0	0	0.00	933.00	1800.00

*SECNO 78625.000
3280 CROSS SECTION 78625.00 EXTENDED 92.48 FEET

3470 ENCROACHMENT STATIONS=	483.5	1940.0	TYPE=	1	TARGET=	1456.500			
78625.00	12.23	112.48	0.00	111.57	112.49	.00	.56	.00	101.50
5370.	1956.	166.	3248.	4263.	193.	7200.	8631.	1103.	103.15
16.48	.46	.86	.45	.130	.085	.130	0.000	100.25	483.50
.000100	4400.	4925.	4950.	2	0	0	0.00	1456.50	1940.00

CCHV= .300 CEHV= .500

*SECNO 78825.000
2800 NAT Q1= 3845.32 WSEL= 111.59 ENC Q1= 3845.32 WSEL= 112.19 RATIO= 0.0000
NAT Q1= 4568. RATIOS LOB,CH,ROB= .1055 .3134 .5811 WSEL= 112.19

3470 ENCROACHMENT STATIONS=	892.4	2165.0	TYPE=	4	TARGET=	.158			
78825.00	16.54	112.50	0.00	111.59	112.51	.01	.02	.00	107.30
4770.	152.	1742.	2876.	410.	1895.	6366.	8670.	1108.	105.17
16.56	.37	.92	.45	.130	.085	.130	0.000	95.96	892.36
.000133	275.	200.	125.	0	0	0	0.00	1272.64	2165.00

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

*SECNO 78925.000

2800 NAT Q1= 3855.74 WSEL= 111.61 ENC Q1= 3855.74 WSEL= 112.21 RATIO= 0.0000
 NAT Q1= 4587. RATIOS LOB,CH,ROB= .1058 .3129 .5813 WSEL= 112.21

3470 ENCROACHMENT STATIONS=	893.7	2164.0	TYPE=	4	TARGET=	.159
78925.00	16.55	112.51	0.00	111.61	112.52	.01
4770.	150.	1743.	2877.	404.	1897.	6369.
16.60	.37	.92	.45	.130	.085	.130
.000133	100.	100.	100.	0	0	0

SPECIAL BRIDGE

5070, VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
.90	1.56	3.00	0.00	20.00	11.00	1420.00	6.20	95.96	95.96	

*SECNO 78945.000

3700. BRIDGE STENCL= 893.69 STENCR= 2163.96
 2800 NAT Q1= 3918.90 WSEL= 111.65 ENC Q1= 3918.90 WSEL= 112.25 RATIO= .0000
 NAT Q1= 4647. RATIOS LOB,CH,ROB= .1066 .3114 .5820 WSEL= 112.25
 PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
112.79	112.52	.00	2715.	2063.	1420.	1436.	110.47	111.07

3470 ENCROACHMENT STATIONS=	893.7	2164.0	TYPE=	4	TARGET=	.157
78945.00	16.60	112.56	0.00	111.65	112.57	.01
4770.	151.	1738.	2881.	408.	1906.	6415.
16.61	.37	.91	.45	.130	.085	.130
.000130	20.	20.	20.	2	0	4

*SECNO 79020.000

2800 NAT Q1= 3925.23 WSEL= 111.66 ENC Q1= 3925.23 WSEL= 112.26 RATIO= .0000
 NAT Q1= 4661. RATIOS LOB,CH,ROB= .1068 .3110 .5821 WSEL= 112.26

3470 ENCROACHMENT STATIONS=	888.0	2168.3	TYPE=	4	TARGET=	.158
79020.00	16.61	112.57	0.00	111.66	112.57	.01
4770.	161.	1730.	2880.	436.	1908.	6448.
16.65	.37	.91	.45	.130	.085	.130
.000128	75.	75.	75.	0	0	0

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

CCHV= .100 CEHV= .300

*SECNO 85050.000

3280 CROSS SECTION 85050.00 EXTENDED 93.68 FEET

3470 ENCROACHMENT STATIONS=	400.0	1730.0	TYPE=	1	TARGET=	1330.000
85050.00	15.24	113.69	0.00	113.10	113.69	.01 1.12 .00 105.85
4770.	1736.	736.	2298.	2937.	527.	3743. 9801. 1291. 105.65
18.91	.59	1.40	.61	.130	.095	.130 0.000 98.45 400.00
.000304	5250.	5950.	6175.	2	0	0 0.00 1330.00 1730.00

CCHV= .300 CEHV= .500

*SECNO 88575.000

3280 CROSS SECTION 88575.00 EXTENDED 94.56 FEET

3470 ENCROACHMENT STATIONS=	650.0	1779.0	TYPE=	1	TARGET=	1129.000
88575.00	10.95	114.56	0.00	114.25	114.57	.01 .87 .00 106.21
4610.	0.	0.	4610.	0.	0.	7455. 10363. 1386. 100000.00
20.42	0.00	0.00	.62	.130	.100	.130 0.000 103.61 650.00
.000224	3550.	3525.	3275.	2	0	0 0.00 1129.00 1779.00

*SECNO 96725.000

3280 CROSS SECTION 96725.00 EXTENDED 94.42 FEET

3470 ENCROACHMENT STATIONS=	1069.0	2043.0	TYPE=	1	TARGET=	974.000
96725.00	12.03	117.03	0.00	116.99	117.04	.02 2.47 .00 110.91
2660.	827.	274.	1559.	1114.	156.	1658. 11205. 1562. 111.11
22.48	.74	1.75	.94	.130	.105	.130 0.000 105.00 1069.00
.001029	7675.	8150.	6975.	2	0	0 0.00 974.00 2043.00

*SECNO 96800.000

2800 NAT Q1= 332.34 WSEL= 117.02 ENC Q1= 371.23 WSEL= 117.62 RATIO= -.1170
 NAT Q1= 371. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 117.62

3470 ENCROACHMENT STATIONS= 1522.0 1637.0 TYPE= 4 TARGET= 0.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 121.02 ELREA= 121.02

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	OLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
96800.00	14.08	117.06	0.00	117.02	117.33	.27	.16	.13	121.00
2660.	0.	2660.	0.	0.	641.	0.	11208.	1563.	121.00
22.48	0.00	4.15	0.00	.130	.105	.130	0.000	102.98	1541.59
.006334	75.	75.	75.	2	0	0	0.00	83.97	1625.57

*SECNO 96810.000

2800 NAT Q1= 248.76 WSEL= 117.08 ENC Q1= 275.79 WSEL= 117.68 RATIO= -.1087
 NAT Q1= 276. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 117.68

3370 NORMAL BRIDGE,NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

3470 ENCROACHMENT STATIONS= 1522.0 1637.0 TYPE= 4 TARGET= 0.000

96810.00	14.14	117.12	0.00	117.08	117.43	.31	.08	.02	121.00
2660.	0.	2660.	0.	0.	595.	0.	11208.	1563.	121.00
22.48	0.00	4.47	0.00	.130	.103	.130	0.000	102.98	1541.58
.011253	10.	10.	10.	1	0	0	-51.76	84.15	1625.73

*SECNO 96840.000

2800 NAT Q1= 264.76 WSEL= 117.44 ENC Q1= 292.44 WSEL= 118.04 RATIO= -.1045
 NAT Q1= 292. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 118.04

3370 NORMAL BRIDGE,NRD= 34 MIN ELTRD= 121.02 MAX ELLC= 121.07

3470 ENCROACHMENT STATIONS= 1522.0 1637.0 TYPE= 4 TARGET= 0.000

96840.00	14.49	117.47	0.00	117.44	117.76	.28	.32	.01	121.00
2660.	0.	2660.	0.	0.	622.	0.	11209.	1563.	121.00
22.49	0.00	4.28	0.00	.130	.103	.130	0.000	102.98	1541.53
.009989	30.	30.	30.	2	0	0	-53.82	85.01	1626.54

*SECNO 96850.000

2800 NAT Q1= 368.41 WSEL= 117.58 ENC Q1= 409.54 WSEL= 118.18 RATIO= -.1116
 NAT Q1= 410. RATIOS LOB,CH,ROB= 0.0000 1.0000 0.0000 WSEL= 118.18

3470 ENCROACHMENT STATIONS= 1522.0 1637.0 TYPE= 4 TARGET= 0.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE,ELLEA= 121.02 ELREA= 121.02

96850.00	14.63	117.61	0.00	117.58	117.84	.23	.07	.02	121.00
2660.	0.	2660.	0.	0.	688.	0.	11209.	1563.	121.00
22.49	0.00	3.87	0.00	.130	.105	.130	0.000	102.98	1541.51
.005158	10.	10.	10.	2	0	0	0.00	85.35	1626.86

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

*SECNO 96950.000

2800 NAT Q1= 1225.61 WSEL= 117.99 ENC Q1= 1225.61 WSEL= 118.59 RATIO= .0000
 NAT Q1= 1518. RATIOS LOB,CH,ROB= .3710 .0719 .5571 WSEL= 118.59

3470 ENCROACHMENT STATIONS= 1295.9 1893.6 TYPE= 4 TARGET= .192
 96950.00 13.04 118.04 0.00 117.99 118.05 .01 .14 .07 110.91
 2660. 872. 257. 1531. 1115. 172. 1682. 11213. 1564. 111.11
 22.52 .78 1.49 .91 .130 .105 .130 0.000 105.00 1295.93
 .000655 100. 100. 100. 2 0 0 0.00 597.71 1893.64

CCHV= .100 CEHV= .300

*SECNO 102300.000

2800 NAT Q1= 1478.54 WSEL= 119.65 ENC Q1= 1478.54 WSEL= 120.25 RATIO= 0.0000
 NAT Q1= 1893. RATIOS LOB,CH,ROB= .6348 .0717 .2936 WSEL= 120.25

3470 ENCROACHMENT STATIONS= 876.0 1772.4 TYPE= 4 TARGET= .219
 102300.00 8.50 120.08 0.00 119.65 120.09 .01 2.04 .00 115.38
 2500. 1678. 233. 589. 3003. 250. 1010. 11589. 1641. 115.38
 24.63 .56 .93 .58 .130 .105 .130 0.000 111.58 875.97
 .000317 4425. 5350. 4550. 2 0 0 0.00 896.47 1772.44

*SECNO 103500.000

2800 NAT Q1= 419.83 WSEL= 120.39 ENC Q1= 419.83 WSEL= 120.99 RATIO= .0000
 NAT Q1= 643. RATIOS LOB,CH,ROB= .5766 .1207 .3027 WSEL= 120.99

3470 ENCROACHMENT STATIONS= 1089.4 1686.5 TYPE= 4 TARGET= .348
 103500.00 6.39 120.91 0.00 120.39 120.95 .04 .85 .01 118.32
 2500. 1532. 472. 495. 1147. 180. 346. 11664. 1660. 118.32
 24.82 1.34 2.62 1.43 .130 .105 .130 0.000 114.52 1089.42
 .003885 1150. 1225. 915. 2 0 0 0.00 597.09 1686.50

*SECNO 104725.000

2800 NAT Q1= 563.50 WSEL= 123.15 ENC Q1= 563.50 WSEL= 123.75 RATIO= .0000
 NAT Q1= 735. RATIOS LOB,CH,ROB= .1028 .0430 .8543 WSEL= 123.75

3470 ENCROACHMENT STATIONS= 1518.0 1924.8 TYPE= 4 TARGET= .234
 104725.00 7.28 123.79 0.00 123.15 123.81 .02 2.86 .00 116.90
 2210. 0. 92. 2118. 0. 73. 1757. 11712. 1673. 118.91
 25.10 0.00 1.26 1.21 .130 .115 .130 0.000 116.51 1518.00
 .001539 1200. 1200. 1200. 1 0 0 0.00 406.78 1924.78

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

*SECNO 107950.000

2800 NAT Q1= 433.95 WSEL= 125.87 ENC Q1= 433.95 WSEL= 126.47 RATIO= .0000
 NAT Q1= 579. RATIOS LOB,CH,ROB= .0983 .0472 .8544 WSEL= 126.47

3470 ENCROACHMENT STATIONS= 1518.0 1901.5 TYPE= 4 TARGET= .251
 107950.00 6.67 126.44 0.00 125.87 126.47 .03 2.66 .00 120.16
 2210. 0. 107. 2103. 0. 66. 1430. 11762. 1685. 122.17
 25.35 0.00 1.62 1.47 .130 .115 .130 0.000 119.77 1518.00
 .002765 1850. 3225. 1225. 2 0 0 0.00 383.48 1901.48

CCHV= .300 CEHV= .500

*SECNO 111175.000

2800 NAT Q1= 386.70 WSEL= 132.50 ENC Q1= 386.70 WSEL= 133.10 RATIO= .0000
 NAT Q1= 498. RATIOS LOB,CH,ROB= .6834 .2017 .1150 WSEL= 133.10

3470 ENCROACHMENT STATIONS= 1528.4 1750.1 TYPE= 4 TARGET= .223
 111175.00 9.65 133.17 0.00 132.50 133.20 .03 6.73 .00 127.52
 1510. 1118. 390. 2. 921. 187. 6. 11859. 1707. 127.82
 25.97 1.21 2.08 .41 .130 .105 .130 0.000 123.52 1528.35
 .001469 3225. 3225. 3225. 3 0 0 0.00 221.75 1750.11

*SECNO 111285.000

2800 NAT Q1= 379.02 WSEL= 132.65 ENC Q1= 379.02 WSEL= 133.25 RATIO= 0.0000
 NAT Q1= 490. RATIOS LOB,CH,ROB= .6718 .2657 .0625 WSEL= 133.25

3470 ENCROACHMENT STATIONS= 1545.6 1752.0 TYPE= 4 TARGET= .226
 111285.00 9.91 133.32 0.00 132.65 133.36 .03 .15 .00 130.91
 1510. 1008. 502. 0. 804. 274. 0. 11861. 1708. 130.84
 25.99 1.25 1.84 0.00 .130 .105 .130 0.000 123.41 1545.62
 .001558 100. 100. 100. 2 0 0 0.00 206.38 1752.00

SPECIAL BRIDGE

5070,VARIABLE ELCHU OR ELCHD ON CARD SB NOT SPECIFIED

SB	XK	XKOR	COFQ	RDLEN	BWC	BWP	BAREA	SS	ELCHU	ELCHD
	9.00	1.56	2.60	0.00	17.50	1.00	182.00	.60	123.41	123.41

*SECNO 111310.000

3700. BRIDGE STENCL= 1545.62 STENCR= 1752.00
 2800 NAT Q1= 551.81 WSEL= 133.55 ENC Q1= 551.81 WSEL= 134.45 RATIO= .0000
 NAT Q1= 766. RATIOS LOB,CH,ROB= .6868 .2156 .0976 WSEL= 134.45

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

PRESSURE AND WEIR FLOW

EGPRS	EGLWC	H3	QWEIR	QPR	BAREA	TRAPEZOID AREA	ELLC	ELTRD
134.99	133.57	.22	573.	944.	182.	169.	131.36	132.57

3470 ENCROACHMENT STATIONS=	1545.6	1752.0	TYPE=	4	TARGET=	.280
111310.00	10.54	133.95	0.00	133.55	133.97	.03 .62 0.00 130.91
1510.	1036.	474.	0.	911.	296.	0. 11862. 1708. 130.84
26.00	1.14	1.60	0.00	.130	.105	.130 0.000 123.41 1545.62
.001092	27.	27.	27.	2	0	2 0.00 206.38 1752.00

*SECNO 111400.000

2800 NAT Q1= 601.97 WSEL= 133.59 ENC Q1= 601.97 WSEL= 134.39 RATIO= .0000
 NAT Q1= 799. RATIOS LOB,CH,ROB= .7001 .1593 .1407 WSEL= 134.39

3470 ENCROACHMENT STATIONS=	1505.5	1755.6	TYPE=	4	TARGET=	.247
111400.00	10.49	134.01	0.00	133.59	134.03	.02 .06 .00 127.52
1510.	1150.	333.	27.	1181.	205.	39. 11864. 1708. 127.82
26.01	.97	1.62	.69	.130	.105	.130 0.000 123.52 1505.48
.000783	60.	60.	60.	1	0	0 0.00 250.09 1755.57

*SECNO 113700.000

2800 NAT Q1= 222.81 WSEL= 136.40 ENC Q1= 222.81 WSEL= 137.20 RATIO= .0000
 NAT Q1= 330. RATIOS LOB,CH,ROB= .6561 .2491 .0948 WSEL= 137.20

3470 ENCROACHMENT STATIONS=	1599.9	1749.0	TYPE=	4	TARGET=	.325
113700.00	8.72	137.30	0.00	136.40	137.38	.09 3.32 .03 132.58
1510.	1002.	508.	0.	513.	167.	0. 11914. 1718. 132.88
26.26	1.96	3.05	0.00	.130	.105	.130 0.000 128.58 1599.91
.004552	2050.	2300.	2150.	2	0	0 0.00 149.09 1749.00

CCHV= .100 CEHV= .300

*SECNO 116025.000

2800 NAT Q1= 407.10 WSEL= 141.16 ENC Q1= 407.10 WSEL= 141.96 RATIO= 0.0000
 NAT Q1= 579. RATIOS LOB,CH,ROB= .5563 .0883 .3555 WSEL= 141.96

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

3470 ENCROACHMENT STATIONS= 1154.5 1384.1 TYPE= 4 TARGET= .297
 116025.00 7.58 141.99 0.00 141.16 142.01 .02 4.62 .01 135.51
 1320. 764. 165. 391. 673. 105. 408. 11964. 1728. 136.11
 26.83 1.14 1.57 .96 .130 .110 .130 0.000 134.41 1154.52
 .001030 2325. 2325. 2325. 3 0 0 0.00 229.57 1384.09

*SECNO 117425.000

2800 NAT Q1= 244.68 WSEL= 143.38 ENC Q1= 244.68 WSEL= 144.18 RATIO= .0000
 NAT Q1= 372. RATIOS LOB,CH,ROB= .5964 .1063 .2973 WSEL= 144.18

3470 ENCROACHMENT STATIONS= 1167.4 1334.5 TYPE= 4 TARGET= .343
 117425.00 6.56 144.18 0.00 143.38 144.23 .05 2.22 .01 138.72
 1320. 854. 214. 252. 501. 90. 172. 11995. 1734. 139.32
 27.05 1.70 2.38 1.46 .130 .110 .130 0.000 137.62 1167.44
 .002936 1400. 1400. 1250. 2 0 0 0.00 167.05 1334.49

CCHV= .300 CEHV= .500

*SECNO 118825.000

2800 NAT Q1= 164.77 WSEL= 147.89 ENC Q1= 164.77 WSEL= 148.69 RATIO= .0000
 NAT Q1= 306. RATIOS LOB,CH,ROB= .3981 .1420 .4600 WSEL= 148.69

3470 ENCROACHMENT STATIONS= 1439.3 1611.3 TYPE= 4 TARGET= .462
 118825.00 7.87 148.70 0.00 147.89 148.81 .11 4.55 .03 144.43
 1010. 315. 266. 429. 190. 58. 318. 12016. 1740. 141.03
 27.22 1.65 4.56 1.35 .130 .065 .130 0.000 140.83 1439.31
 .003735 1400. 1400. 1400. 4 0 0 0.00 172.02 1611.33

*SECNO 118900.000

2800 NAT Q1= 197.07 WSEL= 148.18 ENC Q1= 197.07 WSEL= 148.98 RATIO= 0.0000
 NAT Q1= 365. RATIOS LOB,CH,ROB= .4219 .0432 .5349 WSEL= 148.98

3470 ENCROACHMENT STATIONS= 1436.3 1658.9 TYPE= 4 TARGET= .461
 118900.00 9.08 149.02 0.00 148.18 149.06 .04 .23 .02 141.19
 1010. 358. 80. 572. 244. 22. 482. 12017. 1740. 141.19
 27.23 1.47 3.66 1.19 .130 .065 .130 0.000 139.94 1436.27
 .002540 75. 75. 75. 2 0 0 0.00 222.63 1658.90

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

*SECNO 118910.000

3700. BRIDGE STENCL= 1492.00 STENCR= 1725.00

3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.44

3470 ENCROACHMENT STATIONS= 1492.0 1725.0 TYPE= 1 TARGET= 233.000

4677 BRIDGE DECK DEFINITION ERROR AT STATIONS	1700.00	1725.00							
118910.00	9.10	149.04	0.00	148.29	149.14	.11	.05	.03100000	0.00
1010.	0.	60.	950.	0.	10.	419.	12017.	1740.	141.19
27.23	0.00	6.09	2.27	.130	.023	.130	0.000	139.94	1492.00
.017872	10.	10.	10.	9	0	0	-211.63	233.00	1725.00

*SECNO 118938.000

3370 NORMAL BRIDGE, NRD= 18 MIN ELTRD= 147.03 MAX ELLC= 142.68

3470 ENCROACHMENT STATIONS=	1434.0	1800.0	TYPE=	1	TARGET=	366.000			
118938.00	9.11	149.29	0.00	148.94	149.33	.04	.16	.02	141.43
1010.	392.	53.	566.	254.	12.	600.	12018.	1740.	141.43
27.24	1.54	4.27	.94	.130	.023	.130	0.000	140.18	1434.00
.002769	28.	28.	28.	2	0	0	-161.75	366.00	1800.00

*SECNO 118948.000

3470 ENCROACHMENT STATIONS=	1400.0	1800.0	TYPE=	1	TARGET=	400.000			
118948.00	9.09	149.33	0.00	148.99	149.35	.02	.02	.01	141.49
1010.	380.	57.	573.	374.	22.	747.	12018.	1740.	141.49
27.24	1.02	2.60	.77	.130	.065	.130	0.000	140.24	1400.00
.001276	10.	10.	10.	2	0	0	0.00	400.00	1800.00

*SECNO 119000.000

2800 NAT Q1= 392.21 WSEL= 149.04 ENC Q1= 392.21 WSEL= 149.44 RATIO= .0000
 NAT Q1= 524. RATIOS LOB,CH,ROB= .3531 .0904 .5565 WSEL= 149.44

3470 ENCROACHMENT STATIONS=	1397.9	1891.4	TYPE=	4	TARGET=	.251			
119000.00	8.56	149.39	0.00	149.04	149.40	.01	.05	.00	144.42
1010.	307.	124.	578.	386.	70.	994.	12019.	1741.	145.13
27.26	.80	1.77	.58	.130	.065	.130	0.000	140.83	1397.94
.000706	52.	52.	52.	1	0	0	0.00	493.48	1891.42

 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
 ERROR CORR - 01,02,03,04,05
 MODIFICATION - 50,51,52,53,54,55

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

LOCKWOODS FOLLY RIVER

SUMMARY PRINTOUT

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
725.000	0.00	0.00	0.00	7660.00	82.18	91.64	0.00	7.95	1039.08	1177.92	963.65	0.00
725.000	0.00	0.00	0.00	7660.00	82.18	92.64	0.00	6.93	1036.51	1179.92	1104.77	1.00
5225.000	4500.00	0.00	0.00	7270.00	90.12	98.72	0.00	5.31	1028.13	1257.81	1369.77	0.00
5225.000	4500.00	0.00	0.00	7270.00	90.12	98.55	0.00	5.46	1029.19	1257.28	1331.10	-0.16
8950.000	3725.00	0.00	0.00	7110.00	89.88	102.67	0.00	4.82	985.46	2459.69	2322.19	0.00
8950.000	3725.00	0.00	0.00	7110.00	89.88	102.97	0.00	5.35	1000.00	1150.00	1328.66	0.30
16450.000	7500.00	0.00	0.00	7090.00	88.01	105.25	0.00	2.63	-317.10	1362.92	5386.90	0.00
16450.000	7500.00	0.00	0.00	7090.00	88.01	106.12	0.00	2.80	465.22	1110.00	3821.26	0.87
26075.000	9625.00	0.00	0.00	6960.00	83.93	105.91	0.00	1.57	989.21	3341.33	9561.00	0.00
26075.000	9625.00	0.00	0.00	6960.00	83.93	106.86	0.00	1.61	1031.00	2298.87	7622.50	0.95
34050.000	7975.00	0.00	0.00	6860.00	84.96	106.31	0.00	2.01	-17.45	3159.36	9607.64	0.00
34050.000	7975.00	0.00	0.00	6860.00	84.96	107.29	0.00	2.12	778.85	2039.12	6926.28	0.98
39900.000	5850.00	0.00	0.00	6830.00	84.41	107.12	0.00	3.33	492.63	1762.67	5190.73	0.00
39900.000	5850.00	0.00	0.00	6830.00	84.41	108.10	0.00	3.48	818.73	1251.48	3430.58	0.98
43625.000	3725.00	0.00	0.00	6620.00	88.50	107.90	0.00	2.79	276.94	2809.36	8601.29	0.00
43625.000	3725.00	0.00	0.00	6620.00	88.50	108.90	0.00	2.90	962.42	1662.75	5203.29	1.00
50150.000	6525.00	0.00	0.00	6590.00	85.17	108.89	0.00	2.50	80.33	1277.27	6371.15	0.00
50150.000	6525.00	0.00	0.00	6590.00	85.17	109.92	0.00	2.58	685.42	1120.00	4520.38	1.04
50225.000	75.00	0.00	0.00	6590.00	85.28	108.89	0.00	2.39	919.00	1169.55	2754.29	0.00
50225.000	75.00	0.00	0.00	6590.00	85.28	109.95	0.00	2.18	919.00	1177.08	3017.47	1.05
50235.000	10.00	113.03	111.43	6590.00	85.28	108.89	0.00	2.43	79.82	1277.56	2707.84	0.00
50235.000	10.00	113.03	111.43	6590.00	85.28	109.95	0.00	2.28	-12.87	1328.99	2896.34	1.05

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DI FWSP
50275.000	40.00	113.03	111.43	6590.00	85.28	108.91	0.00	2.43	78.90	1278.07	2710.20	0.00
50275.000	40.00	113.03	111.43	6590.00	85.28	109.96	0.00	2.27	-14.24	1329.75	2898.38	1.05
50285.000	10.00	0.00	0.00	6590.00	85.28	108.91	0.00	2.39	919.00	1169.62	2756.71	0.00
50285.000	10.00	0.00	0.00	6590.00	85.28	109.97	0.00	2.18	919.00	1177.28	3024.59	1.06
50375.000	100.00	0.00	0.00	6590.00	85.17	108.96	0.00	2.43	74.83	1280.31	6446.00	0.00
50375.000	100.00	0.00	0.00	6590.00	85.17	110.02	0.00	2.14	120.00	1120.00	7228.74	1.06
55975.000	5600.00	0.00	0.00	5400.00	86.72	109.37	0.00	1.10	515.31	3545.18	17265.03	0.00
55975.000	5600.00	0.00	0.00	5400.00	86.72	110.35	0.00	1.08	921.13	2901.05	15686.16	.97
61350.000	5375.00	0.00	0.00	5370.00	90.25	109.63	0.00	1.57	1568.55	3362.38	10132.96	0.00
61350.000	5375.00	0.00	0.00	5370.00	90.25	110.59	0.00	1.58	2065.00	3065.00	8167.38	.96
73700.000	12350.00	0.00	0.00	5370.00	90.16	110.93	0.00	1.16	511.67	2282.22	10283.41	0.00
73700.000	12350.00	0.00	0.00	5370.00	90.16	111.92	0.00	1.17	867.00	1800.00	8541.25	.99
78625.000	4925.00	0.00	0.00	5370.00	100.25	111.57	0.00	.90	101.46	2325.54	12402.15	0.00
78625.000	4925.00	0.00	0.00	5370.00	100.25	112.48	0.00	.86	483.50	1940.00	11655.83	.91
78825.000	200.00	0.00	0.00	4770.00	95.96	111.59	0.00	.93	458.38	2659.65	9871.75	0.00
78825.000	200.00	0.00	0.00	4770.00	95.96	112.50	0.00	.92	892.36	2165.00	8671.13	.91
78925.000	100.00	0.00	0.00	4770.00	95.96	111.61	0.00	.92	457.89	2660.54	9891.55	0.00
78925.000	100.00	0.00	0.00	4770.00	95.96	112.51	0.00	.92	893.69	2163.96	8670.04	.91
78945.000	20.00	111.07	110.47	4770.00	95.96	111.65	0.00	.91	454.93	2665.96	10011.18	0.00
78945.000	20.00	111.07	110.47	4770.00	95.96	112.56	0.00	.91	893.69	2163.96	8728.16	.90
79020.000	75.00	0.00	0.00	4770.00	95.96	111.66	0.00	.91	454.63	2666.51	10023.13	0.00
79020.000	75.00	0.00	0.00	4770.00	95.96	112.57	0.00	.91	888.03	2168.32	8791.54	.90
85050.000	5950.00	0.00	0.00	4770.00	98.45	113.10	0.00	1.70	313.24	2027.55	6807.28	0.00
85050.000	5950.00	0.00	0.00	4770.00	98.45	113.69	0.00	1.40	400.00	1730.00	7205.95	.58
88575.000	3525.00	0.00	0.00	4610.00	103.61	114.25	0.00	0.00	533.30	2231.58	8068.67	0.00
88575.000	3525.00	0.00	0.00	4610.00	103.61	114.56	0.00	0.00	650.00	1779.00	7454.53	.31
96725.000	8150.00	0.00	0.00	2660.00	105.00	116.99	0.00	1.78	1069.74	2043.18	2888.45	0.00
96725.000	8150.00	0.00	0.00	2660.00	105.00	117.03	0.00	1.75	1069.00	2043.00	2928.39	.04
96800.000	75.00	0.00	0.00	2660.00	102.98	117.02	0.00	4.17	1541.60	1625.50	638.54	0.00
96800.000	75.00	0.00	0.00	2660.00	102.98	117.06	0.00	4.15	1541.59	1625.57	641.03	.04
96810.000	10.00	121.02	121.07	2660.00	102.98	117.08	111.37	4.50	1066.37	2046.17	591.60	0.00
96810.000	10.00	121.02	121.07	2660.00	102.98	117.12	0.00	4.47	1541.58	1625.73	595.13	.04
96840.000	30.00	121.02	121.07	2660.00	102.98	117.44	0.00	4.29	1054.00	2057.40	619.72	0.00
96840.000	30.00	121.02	121.07	2660.00	102.98	117.47	0.00	4.28	1541.53	1626.54	622.12	.03

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
96850.000	10.00	0.00	0.00	2660.00	102.98	117.58	0.00	3.88	1541.52	1626.79	685.11	0.00
96850.000	10.00	0.00	0.00	2660.00	102.98	117.61	0.00	3.87	1541.51	1626.86	687.59	.03
96950.000	100.00	0.00	0.00	2660.00	105.00	117.99	0.00	1.26	1035.38	2074.42	3891.40	0.00
96950.000	100.00	0.00	0.00	2660.00	105.00	118.04	0.00	1.49	1295.93	1893.64	2969.79	.05
102300.000	5350.00	0.00	0.00	2500.00	111.58	119.65	0.00	.85	334.96	1974.04	5367.14	0.00
102300.000	5350.00	0.00	0.00	2500.00	111.58	120.08	0.00	.93	875.97	1772.44	4262.53	.43
103500.000	1225.00	0.00	0.00	2500.00	114.52	120.39	0.00	2.34	694.05	1927.40	2218.66	0.00
103500.000	1225.00	0.00	0.00	2500.00	114.52	120.91	0.00	2.62	1089.42	1686.50	1673.18	.52
104725.000	1200.00	0.00	0.00	2210.00	116.51	123.15	0.00	1.61	1430.85	2088.50	2088.72	0.00
104725.000	1200.00	0.00	0.00	2210.00	116.51	123.79	0.00	1.26	1518.00	1924.78	1829.70	.64
107950.000	3225.00	0.00	0.00	2210.00	119.77	125.87	0.00	1.97	1466.37	2068.87	1754.69	0.00
107950.000	3225.00	0.00	0.00	2210.00	119.77	126.44	0.00	1.62	1518.00	1901.48	1495.32	.57
111175.000	3225.00	0.00	0.00	1510.00	123.52	132.50	0.00	2.01	1394.65	1845.90	1340.55	0.00
111175.000	3225.00	0.00	0.00	1510.00	123.52	133.17	0.00	2.08	1528.35	1750.11	1113.96	.67
111285.000	100.00	0.00	0.00	1510.00	123.41	132.65	0.00	1.81	1386.90	1851.07	1326.76	0.00
111285.000	100.00	0.00	0.00	1510.00	123.41	133.32	0.00	1.84	1545.62	1752.00	1077.69	.67
111310.000	26.50	132.57	131.36	1510.00	123.41	133.55	0.00	1.35	1341.84	1881.11	1778.89	0.00
111310.000	26.50	132.57	131.36	1510.00	123.41	133.95	0.00	1.60	1545.62	1752.00	1206.78	.40
111400.000	60.00	0.00	0.00	1510.00	123.52	133.59	0.00	1.41	1340.04	1882.31	1883.13	0.00
111400.000	60.00	0.00	0.00	1510.00	123.52	134.01	0.00	1.62	1505.48	1755.57	1425.95	.42
113700.000	2300.00	0.00	0.00	1510.00	128.58	136.40	0.00	3.14	1447.07	1807.81	876.92	0.00
113700.000	2300.00	0.00	0.00	1510.00	128.58	137.30	0.00	3.05	1599.91	1749.00	679.27	.89
116025.000	2325.00	0.00	0.00	1320.00	134.41	141.16	0.00	1.46	1064.34	1582.94	1487.33	0.00
116025.000	2325.00	0.00	0.00	1320.00	134.41	141.99	0.00	1.57	1154.52	1384.09	1185.95	.83
117425.000	1400.00	0.00	0.00	1320.00	137.62	143.38	0.00	2.16	1076.39	1517.09	1013.54	0.00
117425.000	1400.00	0.00	0.00	1320.00	137.62	144.18	0.00	2.38	1167.44	1334.49	763.02	.81
118825.000	1400.00	0.00	0.00	1010.00	140.83	147.89	0.00	4.23	1292.12	1926.27	828.21	0.00
118825.000	1400.00	0.00	0.00	1010.00	140.83	148.70	0.00	4.56	1439.31	1611.33	566.67	.81
118900.000	75.00	0.00	0.00	1010.00	139.94	148.18	0.00	3.48	1277.35	1975.50	1025.97	0.00
118900.000	75.00	0.00	0.00	1010.00	139.94	149.02	0.00	3.66	1436.27	1658.90	747.20	.83
* 118910.000	10.00	147.03	142.44	1010.00	139.94	148.29	148.29	11.21	1271.78	1994.06	430.41	0.00
* 118910.000	10.00	147.03	142.44	1010.00	139.94	149.04	0.00	6.09	1492.00	1725.00	429.28	.74
118938.000	28.00	147.03	142.68	1010.00	140.18	148.94	0.00	4.93	1251.59	2331.34	883.23	0.00
118938.000	28.00	147.03	142.68	1010.00	140.18	149.29	0.00	4.27	1434.00	1800.00	866.48	.35

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRIWS	VCH	SSTA	ENDST	AREA	DIFWSP
118948.000	10.00	0.00	0.00	1010.00	140.24	148.99	0.00	2.44	1252.00	2323.86	1455.23	0.00
118948.000	10.00	0.00	0.00	1010.00	140.24	149.33	0.00	2.60	1400.00	1800.00	1143.13	.34
119000.000	52.00	0.00	0.00	1010.00	140.83	149.04	0.00	1.66	1234.53	2638.30	1887.29	0.00
119000.000	52.00	0.00	0.00	1010.00	140.83	149.39	0.00	1.77	1397.94	1891.42	1450.60	.35

SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECNO=***** PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=***** PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=***** PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=***** PROFILE= 2 BRIDGE DECK DEFINITION ERROR

FLOODWAY DATA, LOCKWOODS FOLLY RIVER
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	
A 725.000	143.	1105.	6.9	92.6	91.6	1.0
B 5225.000	228.	1331.	5.5	98.6	98.7	-.1
C 8950.000	150.	1329.	5.4	103.0	102.7	.3
D 16450.000	645.	3821.	1.9	106.1	105.2	.9
E 26075.000	1268.	7623.	.9	106.8	105.9	.9
F 34050.000	1260.	6926.	1.0	107.3	106.3	1.0
G 39900.000	433.	3431.	2.0	108.1	107.1	1.0
H 43625.000	700.	5203.	1.3	108.9	107.9	1.0
I 50150.000	435.	4520.	1.5	109.9	108.9	1.0
50225.000	258.	3017.	2.2	110.0	108.9	1.1
50235.000	1342.	2896.	2.3	110.0	108.9	1.1
50275.000	1344.	2898.	2.3	110.0	108.9	1.1
50285.000	258.	3025.	2.2	110.0	108.9	1.1
I 50375.000	1000.	7229.	.9	110.1	109.0	1.1
K 55975.000	1980.	15686.	.3	110.4	109.4	1.0
L 61350.000	1000.	8167.	.7	110.6	109.6	1.0
M 73700.000	933.	8541.	.6	111.9	110.9	1.0
N 78625.000	1456.	11656.	.5	112.5	111.6	.9
78825.000	1273.	8671.	.6	112.5	111.6	.9
78925.000	1270.	8670.	.6	112.5	111.6	.9
78945.000	1270.	8728.	.5	112.6	111.7	.9
O 79020.000	1280.	8792.	.5	112.6	111.7	.9
P 85050.000	1330.	7206.	.7	113.7	113.1	.6
Q 88575.000	1129.	7455.	.6	114.6	114.3	.3
R 96725.000	974.	2928.	.9	117.0	117.0	0.0
96800.000	84.	641.	4.1	117.0	117.0	0.0
96810.000	84.	595.	4.5	117.1	117.1	0.0
96840.000	85.	622.	4.3	117.4	117.4	0.0
96850.000	85.	688.	3.9	117.6	117.6	0.0
S 96950.000	598.	2970.	.9	118.1	118.0	.1
T 102300.000	896.	4263.	.6	120.0	119.6	.4
U 103500.000	597.	1673.	1.5	120.9	120.4	.5
V 104725.000	407.	1830.	1.2	123.8	123.2	.6
W 107950.000	383.	1495.	1.5	126.5	125.9	.6
X 111175.000	222.	1114.	1.4	133.2	132.5	.7
111285.000	206.	1078.	1.4	133.4	132.7	.7
111310.000	206.	1207.	1.3	133.9	133.5	.4
Y 111400.000	250.	1426.	1.1	134.0	133.6	.4
Z 113700.000	149.	679.	2.2	137.3	136.4	.9
AA 116025.000	230.	1186.	1.1	142.0	141.2	.8
AB 117425.000	167.	763.	1.7	144.2	143.4	.8
AC 118825.000	172.	567.	1.8	148.7	147.9	.8

FLOODWAY DATA, LOCKWOODS FOLLY RIVER
PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
118900.000	223.	747.	1.4	149.0	148.2	.8
118910.000	233.	429.	2.4	149.0	148.3	.7
118938.000	366.	866.	1.2	149.3	148.9	.4
118948.000	400.	1143.	.9	149.3	149.0	.3
AD 119000.000	493.	1451.	.7	149.3	149.0	.3

HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982
ERROR CORR - 01,02,03,04,05
MODIFICATION - 50,51,52,53,54,55
