

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR 01,82

MODIFICATION - 50,51,52,53

18 Sep 78
J.P.P.

C
T1 CHANGE CO. FIA STUDY
T2 NEW HOPE CREEK
T3 10 YEAR 2 LAUGH 78 NLJ

NEW HOPE CREEK

T1	ICHECK	IND	NIOW	INDX	ST I	METRIC	IVINS	D	WSEL	ED
			0.	0.	0.00000	0.00	0.0	0.	259.000	0.000

J2	PROF	IPLOT	PKYS	Y%CV	Y% C	EN	ALLUC	IBY	CHNJA	TRAC
			1.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000

J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	30.000	1.000	3.000	42.000	41.000	0.000	0.000	30.000	1.000	13.000

	14.000	15.000	55.000	26.000	50.000	0.000	150.000	201.000	0.000	0.000
--	--------	--------	--------	--------	--------	-------	---------	---------	-------	-------

MC	0.120	0.120	0.060	0.100	0.300	0.000	0.000	0.000	0.000	0.000
DT	5.000	3500.000	9300.000	16500.000	15000.000	10500.000	0.000	0.000	0.000	0.000

ONH-1 VALLEY AT COUNTY LINE

X1	190260.000	19.000	1000.000	1037.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	270.000	0.000	260.000	220.000	255.900	370.000	255.500	470.000	254.400	570.000
GR	255.600	770.000	256.400	970.000	257.000	1000.000	252.600	1003.000	252.300	1013.000
GR	251.700	1023.000	251.100	1032.000	257.200	1037.000	256.800	1070.000	255.900	1170.000
GR	256.000	1070.000	257.000	2500.000	260.000	2850.000	270.000	3350.000	0.000	0.000
GR	5.000	3150.000	7000.000	8700.000	12300.000	8700.000	0.000	0.000	0.000	0.000

X1	191850.000	11.000	2000.000	2040.000	1590.000	1590.000	1590.000	0.000	0.000	0.000
GR	270.000	770.000	260.000	930.000	258.800	2000.000	252.500	2004.000	251.800	2025.000
GR	252.500	2034.000	258.800	2040.000	259.000	2100.000	259.000	2400.000	260.000	2480.000
GR	270.000	2730.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ONH-2 VALLEY

X1	194000.000	16.000	1000.000	1044.000	2150.000	2150.000	2150.000	0.000	0.000	0.000
GR	284.800	680.000	280.100	780.000	270.700	880.000	262.100	980.000	261.100	1000.000
GR	254.700	1005.000	254.000	1015.000	253.900	1025.000	254.700	1034.000	262.200	1044.000
GR	261.900	1080.000	261.300	1180.000	260.200	1240.000	260.500	1680.000	270.000	1740.000
GR	280.000	2120.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	194600.000	12.000	1000.000	1045.000	600.000	600.000	600.000	0.000	0.000	0.000
GR	280.000	740.000	270.000	830.000	264.000	920.000	262.500	1000.000	257.000	1005.000
GR	255.800	1010.000	255.800	1035.000	257.000	1040.000	262.500	1045.000	264.000	1125.000
GR	270.000	1200.000	280.000	1700.000	0.000	0.000	0.000	0.000	0.000	0.000

GR 285.200 1012.000 284.900 1022.000 285.400 1032.000 285.700
 GR 280.900 1001.000 280.700 1161.000 284.000 1261.000 285.700

X1	19467.000	0.000	855.000	1076.000	57.000	57.000	57.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	267.500	267.500	0.000
GR	280.000	740.000	270.000	830.000	260.000	920.000	265.000	955.000	262.500	1000.000
GR	257.000	1005.000	256.000	1010.000	256.000	1035.000	257.000	1040.000	262.500	1045.000
GR	264.000	1070.000	264.000	1125.000	270.000	1200.000	280.000	1700.000	0.000	0.000
SB	1.050	1.600	2.900	0.000	46.200	2.000	911.000	5.700	256.100	256.000

DNH-3 VALLEY

X1	19463.000	0.000	0.000	0.000	26.000	26.000	26.000	1.000	0.100	0.000
X2	0.000	0.000	1.500	266.800	269.200	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	270.000	270.000	0.000
BI	12.000	684.000	281.000	0.000	784.000	274.700	0.000	884.000	269.900	0.000
BT	269.500	269.400	264.800	1076.000	269.200	266.500	1104.000	265.300	0.000	1284.000
BT	0.000	0.000	1384.000	270.400	0.000	1484.000	271.500	0.000	1584.000	272.900
BT	0.000	1384.000	275.200	0.000	1420.000	280.000	0.000	0.000	0.000	0.000

X1	194700.000	12.000	1000.000	1046.000	17.000	17.000	17.000	0.000	0.000	0.000
GR	250.000	740.000	270.000	800.000	264.000	870.000	262.700	1000.000	257.200	1005.000
GR	256.200	1010.000	256.200	1035.000	257.200	1041.000	262.700	1046.000	264.000	1125.000
GR	270.000	1200.000	280.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000

DNH-4 VALLEY

X1	195520.000	15.000	1000.000	1046.000	620.000	620.000	620.000	0.000	0.000	0.000
GR	252.700	852.000	260.000	932.000	263.400	962.000	263.700	1000.000	259.900	1002.000
GR	259.200	1012.000	258.700	1022.000	258.600	1032.000	258.600	1042.000	264.500	1044.000
GR	265.500	1062.000	267.000	1162.000	272.500	1262.000	283.500	1362.000	284.800	1372.000
BT	5.000	3100.000	7200.000	8500.000	12100.000	8500.000	0.000	0.000	0.000	0.000

DNH-5 VALLEY

X1	197100.000	19.000	1000.000	1002.000	1800.000	1800.000	1800.000	0.000	0.000	0.000
GR	295.200	378.000	282.300	470.000	279.500	500.000	271.800	518.000	271.700	578.000
GR	270.500	588.000	270.100	601.000	274.200	678.000	273.700	778.000	275.000	875.000
GR	272.600	973.000	269.700	1000.000	265.200	1006.000	264.800	1016.000	264.500	1026.000
GR	265.000	1035.000	269.300	1002.000	271.800	1047.000	290.400	1072.000	0.000	0.000

X1	197350.000	0.000	0.000	0.000	190.000	190.000	190.000	0.000	1.500	0.000
----	------------	-------	-------	-------	---------	---------	---------	-------	-------	-------

DNH-6 VALLEY

X1	199820.000	15.000	1000.000	1050.000	1470.000	1470.000	1470.000	0.000	0.000	0.000
GR	301.200	400.000	280.900	1000.000	276.500	1006.000	275.700	1016.000	276.200	1026.000
GR	277.000	1031.000	276.400	1050.000	282.800	1100.000	285.500	1200.000	285.100	1300.000
GR	284.400	1700.000	290.000	2050.000	300.000	2250.000	0.000	0.000	0.000	0.000

X1	199900.000	0.000	0.000	0.000	180.000	180.000	180.000	0.000	0.000	0.000
----	------------	-------	-------	-------	---------	---------	---------	-------	-------	-------

X1	199400.000	0.000	0.000	0.000	400.000	400.000	400.000	0.000	1.900	0.000
BT	5.000	2270.000	5000.000	6400.000	10200.000	6400.000	0.000	0.000	0.000	6.000

DNH-7 VALLEY

X1	206750.000	15.000	1000.000	1043.000	1330.000	1330.000	1330.000	0.000	0.000	0.000
----	------------	--------	----------	----------	----------	----------	----------	-------	-------	-------

51

GR	285.200	1012.000	284.900	1022.000	285.400	1032.000	285.700	1041.000	288.200	1043.000
GR	280.900	1061.000	300.300	1161.000	300.000	1261.000	312.300	1361.000	314.300	1307.000
X1	201200.000	11.000	1000.000	1040.000	470.000	470.000	470.000	0.000	0.000	0.000
GR	320.000	840.000	310.000	930.000	300.000	960.000	292.000	1000.000	289.500	1005.000
GR	289.000	1020.000	289.500	1035.000	292.000	1040.000	300.000	1070.000	310.000	1180.000
GR	320.000	1260.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	201350.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	2.300	0.000
X1	201500.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	2.300	0.000
X1	202900.000	12.000	1000.000	1040.000	1400.000	1400.000	1400.000	0.000	0.000	0.000
GR	350.000	800.000	340.000	890.000	330.000	940.000	319.000	975.000	318.000	1000.000
GR	315.500	1005.000	315.000	1020.000	315.500	1035.000	318.000	1040.000	330.000	1060.000
GR	340.000	1130.000	350.000	1200.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	203000.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.700	0.000
X1	203200.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	1.350	0.000
QT	5.000	2370.000	4750.000	6100.000	9800.000	6100.000	0.000	0.000	0.000	0.000
X1	205360.000	13.000	1000.000	1038.000	2160.000	2160.000	2160.000	1.000	-1.000	0.000
GR	358.900	844.000	343.700	908.000	343.700	916.000	341.000	944.000	336.300	1000.000
GR	332.900	1005.000	332.900	1015.000	333.200	1025.000	333.700	1035.000	336.300	1038.000
GR	336.800	1044.000	354.300	1144.000	356.200	1157.000	0.000	0.000	0.000	0.000
GR	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ONH-8 CONCRETE FORD										
X1	205410.000	10.000	982.000	1053.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	356.400	875.000	337.400	937.000	335.800	975.000	335.700	982.000	335.500	1040.000
GR	335.500	1053.000	336.400	1075.000	344.100	1175.000	353.500	1275.000	357.300	1302.000
GR	0.000	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ONH-9 VALLEY										
X1	205500.000	13.000	1000.000	1038.000	90.000	90.000	90.000	0.000	0.000	0.000
GR	358.900	844.000	343.700	908.000	343.700	916.000	341.000	944.000	336.300	1000.000
GR	332.900	1005.000	332.900	1015.000	333.200	1025.000	333.700	1035.000	336.300	1038.000
GR	336.800	1044.000	354.300	1144.000	356.200	1157.000	0.000	0.000	0.000	0.000
X1	205930.000	0.000	0.000	0.000	430.000	430.000	430.000	0.000	2.200	0.000
X1	206500.000	12.000	1000.000	1038.000	370.000	370.000	370.000	0.000	0.000	0.000
GR	365.000	830.000	360.000	880.000	350.000	940.000	341.000	985.000	340.500	1000.000
GR	338.000	1005.000	337.000	1019.000	338.000	1033.000	340.500	1038.000	350.000	1050.000
GR	360.000	1100.000	370.000	1130.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	207200.000	11.000	1000.000	1038.000	900.000	900.000	900.000	0.000	0.000	0.000
GR	400.000	880.000	360.000	930.000	350.000	980.000	345.000	1000.000	342.000	1005.000
GR	341.600	1019.000	342.000	1033.000	345.000	1038.000	350.000	1050.000	360.000	1090.000
GR	370.000	1130.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	2160.000	4300.000	5600.000	9150.000	5600.000	0.000	0.000	0.000	0.000

DNH-10 VALLEY

X1	212060.000	12.000	1000.000	1035.000	4860.000	4860.000	4860.000	0.000	0.000	0.000
GR	401.200	520.000	381.600	620.000	377.500	720.000	376.000	820.000	373.000	920.000
GR	369.200	1000.000	367.500	1002.000	366.300	1012.000	367.100	1022.000	367.600	1029.000
GR	369.800	1035.000	390.100	1069.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	213465.000	17.000	1000.000	1050.000	1405.000	1405.000	1405.000	0.000	0.000	0.000
GR	400.000	740.000	390.000	850.000	380.000	960.000	376.500	1000.000	374.000	1005.000
GR	372.700	1010.000	371.700	1015.000	371.500	1020.000	371.800	1025.000	371.700	1030.000
GR	371.800	1035.000	372.300	1040.000	375.000	1045.000	376.500	1050.500	380.000	1100.000
GR	390.000	1200.000	400.000	1280.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	214515.000	0.000	0.000	0.000	50.000	50.000	50.000	1.000	0.100	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	384.000	384.000	0.000
GR	1.250	1.300	2.500	0.000	34.000	3.000	478.000	0.650	371.600	371.600

JNH-11 DUKES FOREST RD

X1	213526.000	17.000	1000.000	1050.000	11.000	11.000	11.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	383.400	385.400	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	385.700	385.700	0.000
BT	9.000	825.000	400.000	0.000	925.000	387.800	0.000	940.000	386.000	0.000
BT	467.000	385.400	0.000	1000.000	385.400	383.600	1050.000	385.400	383.600	1125.000
BT	384.000	0.000	1225.000	390.000	0.000	1297.000	400.000	0.000	0.000	0.000
GR	400.000	800.000	390.000	880.000	380.000	970.000	376.500	1000.000	374.100	1005.000
GR	372.800	1010.000	371.800	1015.000	371.600	1020.000	371.900	1025.000	371.800	1030.000
GR	371.900	1035.000	372.400	1040.000	375.100	1045.000	376.600	1050.000	380.000	1080.000
GR	390.000	1170.000	400.000	1220.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	213545.000	0.000	0.000	0.000	19.000	19.000	19.000	1.000	-0.100	0.000
----	------------	-------	-------	-------	--------	--------	--------	-------	--------	-------

DNH-12 VALLEY

X1	213690.000	12.000	1000.000	1052.000	145.000	145.000	145.000	0.000	0.000	0.000
GR	400.800	924.000	380.000	978.000	377.400	1000.000	372.300	1006.000	371.500	1016.000
GR	370.900	1026.000	371.300	1036.000	372.400	1048.000	376.100	1052.000	378.700	1100.000
GR	383.600	1124.000	398.300	1169.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	213880.000	0.000	0.000	0.000	110.000	110.000	110.000	0.000	0.400	0.000
----	------------	-------	-------	-------	---------	---------	---------	-------	-------	-------

X1	214000.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	0.700	0.000
----	------------	-------	-------	-------	---------	---------	---------	-------	-------	-------

X1	214300.000	0.000	0.000	0.000	300.000	300.000	300.000	0.000	1.100	0.000
BT	5.000	2000.000	4000.000	5170.000	8700.000	5170.000	0.000	0.000	0.000	0.000

X1	215000.000	11.000	1000.000	1050.000	700.000	700.000	700.000	0.000	0.000	0.000
GR	400.000	860.000	390.000	910.000	381.000	950.000	380.600	1000.000	377.000	1008.000
GR	375.600	1025.000	377.000	1042.000	380.600	1050.000	381.000	1060.000	390.000	1070.000
GR	400.000	1090.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	215400.000	12.000	1000.000	1050.000	900.000	900.000	900.000	0.000	0.000	0.000
GR	410.000	850.000	400.000	920.000	390.000	980.000	384.000	1000.000	380.000	1005.000
GR	372.000	1010.000	373.000	1020.000	370.000	1030.000	370.000	1040.000	370.000	1040.000

GR	400.000	1100.000	410.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
----	---------	----------	---------	----------	-------	-------	-------	-------	-------	-------

ONH-13 VALLEY

X1	218310.000	15.000	1000.000	1051.000	2410.000	2410.000	2410.000	0.000	0.000	0.000
GR	416.000	654.000	410.700	754.000	405.800	654.000	394.600	906.000	394.800	954.000
GR	392.500	1000.000	363.500	1004.000	387.700	1014.000	387.900	1024.000	387.400	1034.000
GR	388.900	1044.000	389.200	1048.000	392.400	1051.000	393.700	1054.000	414.800	1094.000

X1	221050.000	11.000	1000.000	1047.000	2740.000	2740.000	2740.000	0.000	0.000	0.000
GR	420.000	700.000	410.000	820.000	400.000	985.000	398.000	1000.000	394.000	1003.000
GR	393.700	1023.000	394.000	1043.000	398.000	1047.000	400.000	1100.000	410.000	1199.000
GR	420.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	221041.000	12.000	985.000	1061.000	41.000	41.000	41.000	1.000	0.100	0.000
X5	10.000	0.000	0.000	0.000	0.000	0.000	0.000	403.700	403.200	0.000
GR	420.000	700.000	410.000	820.000	400.000	985.000	398.000	1000.000	394.000	1003.000
GR	393.200	1023.000	394.000	1043.000	398.000	1047.000	398.500	1061.000	400.000	1100.000
GR	410.000	1190.000	420.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.050	1.600	2.650	0.000	19.300	2.000	481.600	3.370	393.500	393.500

ONH-14 SR 1730

X1	221109.000	17.000	985.000	1061.000	18.000	18.000	18.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	403.100	404.100	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	405.500	405.000	0.000
BT	13.000	743.000	417.300	0.000	843.000	409.100	0.000	943.000	405.100	0.000
BT	985.000	404.700	403.100	1002.000	404.700	403.100	1002.000	404.700	402.300	1044.000
BT	404.800	402.500	1044.000	404.800	403.100	1051.000	404.800	403.100	1143.000	404.700
BT	0.000	1220.000	404.100	0.000	1243.000	408.500	0.000	1275.000	417.300	0.000
GR	420.300	843.000	415.300	893.000	406.300	943.000	400.000	985.000	397.900	1000.000
GR	393.500	1002.000	393.000	1013.000	392.500	1023.000	393.100	1033.000	394.100	1044.000
GR	394.700	1047.000	400.000	1061.000	402.100	1143.000	402.600	1243.000	404.900	1265.000
GR	405.100	1292.000	420.700	1333.000	0.000	0.000	0.000	0.000	0.000	0.000

ONH-15 VALLEY

X1	221230.000	15.000	1000.000	1047.000	121.000	121.000	121.000	0.000	0.000	0.000
GR	420.300	843.000	415.300	893.000	406.300	943.000	397.900	1000.000	393.600	1003.000
GR	393.000	1013.000	392.600	1023.000	393.100	1033.000	394.100	1045.000	399.700	1047.000
GR	402.100	1143.000	402.600	1243.000	404.900	1265.000	405.100	1292.000	420.700	1333.000

X1	223400.000	12.000	1000.000	1050.000	2170.000	2170.000	2170.000	0.000	0.000	0.000
GR	430.000	700.000	420.000	840.000	410.000	930.000	402.000	960.000	401.500	1000.000
GR	397.000	1005.000	396.000	1025.000	397.000	1045.000	401.500	1050.000	410.000	1070.000
GR	420.000	1270.000	430.000	1360.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	5.000	1670.000	3250.000	4250.000	7300.000	4250.000	0.000	0.000	0.000	0.000

ONH-16 VALLEY

X1	225500.000	12.000	1000.000	1051.000	2100.000	2100.000	2100.000	0.000	0.000	0.000
GR	426.400	649.000	424.600	749.000	422.400	849.000	410.000	949.000	404.600	1000.000
GR	400.100	1005.000	399.900	1013.000	399.200	1025.000	399.200	1035.000	400.200	1046.000
GR	404.500	1051.000	428.300	1128.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	225900.000	0.000	0.000	0.000	400.000	400.000	400.000	0.000	2.400	0.000
QT	5.000	1650.000	3200.000	4150.000	7250.000	4150.000	0.000	0.000	0.000	0.000

X1	227300.000	11.000	1000.000	1040.000	1400.000	1400.000	1400.000	0.000	0.000	0.000
GR	440.000	830.000	430.000	900.000	420.000	970.000	413.500	1000.000	411.000	1005.000
GR	410.100	1022.000	411.000	1040.000	413.500	1044.000	420.000	1100.000	430.000	1160.000
GR	440.000	1400.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	227340.000	14.000	1002.000	1040.000	40.000	40.000	40.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	422.500	422.500	0.000
GR	410.000	830.000	430.000	900.000	420.000	970.000	414.800	1002.000	413.400	1007.000
GR	412.500	1012.000	411.600	1022.000	410.600	1027.000	410.300	1032.000	410.600	1037.000
GR	413.000	1040.000	420.000	1100.000	430.000	1150.000	440.000	1000.000	0.000	0.000
SB	1.250	1.600	2.800	0.000	24.500	2.500	349.000	0.730	410.800	410.500

000-17 SR 171A

X1	227360.000	0.000	0.000	0.000	20.000	20.000	20.000	1.000	0.500	0.000
X2	0.000	0.000	1.000	422.100	423.400	0.000	0.000	0.000	0.000	0.000
BT	9.000	751.000	437.700	0.000	851.000	431.000	0.000	951.000	424.700	0.000
BT	1002.000	423.400	421.700	1040.000	423.800	422.100	1051.000	423.900	0.000	1151.000
BT	427.600	0.000	1251.000	433.100	0.000	1297.000	437.700	0.000	0.000	0.000

X1	227380.000	0.000	0.000	0.000	20.000	20.000	20.000	1.000	0.500	0.000
----	------------	-------	-------	-------	--------	--------	--------	-------	-------	-------

000-18 VALLEY

X1	227470.000	15.000	1000.000	1032.000	90.000	90.000	90.000	0.000	0.000	0.000
GR	437.100	847.000	431.400	916.000	424.500	947.000	416.200	1000.000	413.800	1010.000
GR	413.700	1020.000	413.600	1030.000	410.000	1037.000	415.300	1042.000	415.300	1047.000
GR	420.900	1147.000	422.100	1174.000	432.600	1207.000	435.200	1247.000	437.800	1281.000

X1	227600.000	0.000	0.000	0.000	130.000	130.000	130.000	0.000	0.950	0.000
----	------------	-------	-------	-------	---------	---------	---------	-------	-------	-------

X1	227850.000	0.000	0.000	0.000	250.000	250.000	250.000	0.000	1.850	0.000
----	------------	-------	-------	-------	---------	---------	---------	-------	-------	-------

X1	228100.000	0.000	0.000	0.000	250.000	250.000	250.000	0.000	1.850	0.000
----	------------	-------	-------	-------	---------	---------	---------	-------	-------	-------

X1	228600.000	0.000	0.000	0.000	500.000	500.000	500.000	0.000	3.700	0.000
BT	5.000	1560.000	5040.000	3950.000	6900.000	3950.000	0.000	0.000	0.000	0.000

X1	232400.000	11.000	1000.000	1040.000	3800.000	3800.000	3800.000	0.000	0.000	0.000
GR	480.000	750.000	470.000	920.000	460.000	980.000	454.000	1000.000	451.000	1005.000
GR	450.000	1020.000	451.000	1035.000	454.000	1040.000	460.000	1060.000	470.000	1100.000
GR	420.000	1100.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.050	0.050	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	232450.000	0.000	0.000	561.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	480.500	200.000	465.000	420.000	457.000	450.000	452.000	450.100	450.100	495.000
GR	450.800	530.000	471.000	561.000	480.000	640.000	0.000	0.000	0.000	0.000
NC	0.035	0.035	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	232055.000	37.000	400.000	571.000	1.000	1.000	1.000	0.000	0.000	0.000
BT	6.000	400.000	477.500	475.500	432.000	477.500	475.500	455.000	477.500	465.500
BT	500.000	477.500	465.500	501.000	477.500	475.500	570.000	477.800	475.500	0.000
GR	480.500	200.000	477.000	260.000	477.500	400.000	473.000	401.000	470.000	410.000
GR	477.000	410.500	470.000	411.000	460.000	420.000	477.000	430.500	470.000	425.000

GR	463.000	432.000	463.000	433.000	463.000	445.000	451.700	450.000	450.200	494.000
GR	462.000	495.000	462.000	500.000	462.000	501.000	462.000	509.000	477.000	509.500
GR	462.000	510.000	462.000	520.000	477.000	521.000	454.000	522.000	457.000	535.000
GR	477.000	535.500	457.000	536.000	463.700	548.000	477.000	548.500	463.700	549.000
GR	470.500	560.000	477.000	560.500	470.500	561.000	473.800	570.000	477.800	571.000
GR	477.000	622.000	440.000	649.000	0.000	0.000	0.000	0.000	0.000	0.000

ONH-19 SOUTHERN RR

X1	232465.000	0.000	0.000	0.000	20.000	20.000	20.000	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	0.050	0.050	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	232466.000	0.000	420.000	561.000	1.000	1.000	1.000	0.000	0.000	0.000
GR	480.500	200.000	465.000	420.000	457.000	450.000	452.000	450.100	450.100	495.000
GR	454.800	540.000	471.000	561.000	480.000	640.000	0.000	0.000	0.000	0.000
NC	0.120	0.120	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	232500.000	11.000	1000.000	1040.000	35.000	35.000	35.000	0.000	0.000	0.000
GR	480.000	750.000	470.000	920.000	460.000	980.000	454.500	1000.000	451.500	1005.000
GR	450.500	1020.000	451.500	1035.000	454.500	1040.000	460.000	1060.000	470.000	1160.000
GR	480.000	1180.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ONH-20 VALLEY

X1	232770.000	13.000	1000.000	1039.000	270.000	270.000	270.000	0.000	0.000	0.000
GR	479.400	782.000	472.100	882.000	458.800	964.000	457.700	982.000	455.500	1000.000
GR	452.700	1001.000	452.400	1011.000	452.500	1021.000	452.600	1031.000	453.000	1037.000
GR	456.100	1039.000	467.200	1082.000	477.200	1128.000	0.000	0.000	0.000	0.000
AT	5.000	1520.000	2950.000	3820.000	6700.000	3820.000	0.000	0.000	0.000	0.000

ONH-21 VALLEY

X1	234840.000	25.000	1000.000	1037.000	2070.000	2070.000	2070.000	0.000	0.000	0.000
GR	486.000	683.000	475.160	779.000	470.100	785.000	471.000	793.000	470.800	800.000
GR	469.700	615.000	469.200	825.000	464.200	831.000	463.300	863.000	461.400	983.000
GR	461.200	1000.000	455.800	1005.000	455.800	1015.000	455.500	1025.000	455.900	1029.000
GR	461.200	1037.000	461.600	1083.000	463.500	1183.000	463.300	1283.000	462.500	1383.000
GR	462.700	1483.000	469.100	1556.000	480.100	1572.000	480.300	1577.000	483.900	1647.000

X1	236100.000	11.000	1000.000	1035.000	1260.000	1260.000	1260.000	0.000	0.000	0.000
GR	460.000	500.000	470.000	600.000	462.000	900.000	461.500	1000.000	458.000	1003.000
GR	456.900	1017.000	458.000	1032.000	461.500	1035.000	462.000	1115.000	470.000	1200.000
GR	440.000	1330.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	236129.000	15.000	967.000	1056.000	29.000	29.000	29.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	469.000	469.000	0.000
GR	480.000	500.000	470.000	600.000	462.000	900.000	461.700	967.000	461.500	1000.000
GR	458.000	1003.000	457.000	1017.000	458.000	1032.000	461.500	1035.000	461.600	1056.000
GR	462.000	1115.000	470.000	1200.000	480.000	1350.000	0.000	0.000	0.000	0.000
SB	1.250	1.600	2.900	0.000	17.500	6.500	569.000	3.500	457.100	457.000

ONH-22 NC HWY 86

X1	236152.000	0.000	0.000	0.000	23.000	23.000	23.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	468.400	470.500	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	471.000	471.000	0.000
BT	17.000	652.000	440.000	0.000	647.000	477.000	0.000	747.000	477.000	0.000

BT	843.000	471.600	0.000	943.000	470.800	0.000	967.000	470.700	468.400	1056.000
BT	470.800	468.400	1143.000	471.000	0.000	1243.000	471.100	0.000	1343.000	472.500
BT	0.000	1443.000	474.400	0.000	1543.000	477.000	0.000	0.000	0.000	0.000

X1	236190.000	11.000	1000.000	1034.000	38.000	38.000	38.000	0.000	0.000	0.000
GR	460.000	550.000	470.000	720.000	462.000	920.000	461.500	1000.000	458.000	1003.000
GR	457.200	1017.000	458.000	1031.000	461.500	1030.000	463.000	1230.000	470.000	1400.000
GR	480.000	1680.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

DNH-23 VALLEY

X1	236510.000	10.000	1000.000	1034.000	720.000	720.000	720.000	0.000	0.000	0.000
GR	482.700	547.000	476.600	638.000	473.500	694.000	470.400	747.000	467.100	847.000
GR	463.400	947.000	462.100	1000.000	458.600	1001.000	458.300	1010.000	458.100	1020.000
GR	450.700	1020.000	463.400	1034.000	463.700	1047.000	466.300	1147.000	467.700	1247.000
GR	467.200	1257.000	479.800	1325.000	440.300	1347.000	485.000	1371.000	0.000	0.000

X1	237900.000	10.000	1000.000	1035.000	1390.000	1390.000	1390.000	0.000	0.000	0.000
GR	480.000	910.000	470.000	860.000	464.000	1000.000	461.000	1045.000	460.500	1010.000
GR	461.000	1030.000	465.000	1035.000	468.000	1440.000	470.000	1460.000	480.000	1550.000
BT	5.000	1500.000	2930.000	3780.000	6600.000	3790.000	0.000	0.000	0.000	0.000

X1	239100.000	9.000	1000.000	1035.000	1200.000	1200.000	1200.000	0.000	0.000	0.000
GR	480.000	520.000	470.000	750.000	466.000	1000.000	463.000	1045.000	462.700	1018.000
GR	463.000	1030.000	467.000	1035.000	470.000	1090.000	480.000	1130.000	0.000	0.000
BT	5.000	1330.000	2600.000	3190.000	5900.000	3190.000	0.000	0.000	0.000	0.000

X1	239900.000	11.000	1000.000	1035.000	800.000	800.000	800.000	0.000	0.000	0.000
GR	490.000	470.000	480.000	600.000	470.000	700.000	467.500	1000.000	464.500	1005.000
GR	464.100	1018.000	464.500	1030.000	468.500	1035.000	470.000	1200.000	480.000	1300.000
GR	490.000	1390.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	240450.000	11.000	1000.000	1035.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	490.000	530.000	480.000	570.000	470.000	600.000	468.500	1000.000	465.500	1005.000
GR	465.000	1018.000	465.500	1030.000	469.500	1035.000	470.000	1390.000	480.000	1500.000
GR	490.000	1600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	241550.000	11.000	1000.000	1034.000	1100.000	1100.000	1100.000	0.000	0.000	0.000
GR	490.000	250.000	480.000	420.000	473.000	540.000	470.500	1000.000	467.500	1005.000
GR	467.000	1017.000	467.500	1030.000	472.000	1034.000	475.000	1080.000	480.000	1130.000
GR	490.000	1200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

DNH-24 VALLEY

X1	241860.000	16.000	1000.000	1035.000	310.000	310.000	310.000	0.000	0.000	0.000
GR	500.500	472.000	492.100	572.000	485.800	672.000	480.100	772.000	472.000	831.000
GR	474.400	872.000	471.000	972.000	470.700	1000.000	467.800	1002.000	467.400	1012.000
GR	467.500	1022.000	468.000	1030.000	473.200	1035.000	475.800	1072.000	491.500	1172.000
GR	494.300	1197.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	5.000	1250.000	2450.000	3080.000	5400.000	3080.000	0.000	0.000	0.000	0.000

DNH-25 VALLEY

X1	244350.000	13.000	1000.000	1029.000	2490.000	2490.000	2490.000	0.000	0.000	0.000
GR	499.200	818.000	483.300	818.000	475.000	1000.000	473.200	1002.000	472.500	1012.000
GR	473.600	1026.000	475.600	1029.000	480.600	1040.000	478.700	1118.000	484.000	1218.000
GR	491.500	1318.000	486.700	1018.000	488.600	1463.000	0.000	0.000	0.000	0.000

X1	245400.000	11.000	1000.000	1030.000	1050.000	1050.000	1050.000	0.000	0.000	0.000
GR	500.000	723.000	490.000	880.000	481.000	970.000	479.500	1000.000	475.000	1003.000
GR	474.400	1015.000	475.000	1027.000	479.500	1030.000	481.000	1100.000	490.000	1280.000
GR	500.000	1360.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	245438.000	13.000	962.000	1066.000	38.000	38.000	38.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	492.500	492.500	0.000
GR	500.000	720.000	490.000	880.000	481.700	962.000	481.000	970.000	479.500	1000.000
GR	475.000	1005.000	474.400	1015.000	475.000	1027.000	479.500	1030.000	480.500	1066.000
GR	481.000	1100.000	490.000	1280.000	500.000	1360.000	0.000	0.000	0.000	0.000
GR	1.250	1.500	2.800	0.000	35.000	3.500	1130.000	2.200	475.100	475.000

GNH-26 SR 1723

X1	245462.000	13.000	962.000	1066.000	24.000	24.000	24.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	491.700	493.900	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	494.500	494.500	0.000
BT	10.000	0.000	500.000	0.000	790.000	490.500	0.000	890.000	495.000	0.000
BT	962.000	493.900	491.700	1066.000	493.900	491.700	1090.000	493.900	0.000	1190.000
BT	494.700	0.000	1290.000	795.000	0.000	1390.000	504.000	0.000	1060.000	505.800
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	500.000	100.000	490.000	920.000	482.800	962.000	481.000	975.000	479.500	1000.000
GR	475.000	1005.000	474.500	1015.000	475.000	1027.000	479.500	1030.000	480.700	1066.000
GR	481.000	1075.000	490.000	1220.000	500.000	1350.000	0.000	0.000	0.000	0.000

X1	245500.000	11.000	1000.000	1030.000	38.000	38.000	38.000	0.000	0.000	0.000
GR	500.000	800.000	490.000	920.000	481.000	975.000	479.500	1000.000	475.000	1003.000
GR	474.500	1015.000	475.000	1027.000	479.600	1030.000	481.000	1075.000	490.000	1220.000
GR	500.000	1350.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

GNH-27 VALLEY

X1	245630.000	14.000	1000.000	1030.000	130.000	130.000	130.000	0.000	0.000	0.000
GR	503.900	793.000	497.900	893.000	495.400	920.000	480.600	985.000	479.300	993.000
GR	479.200	1000.000	475.400	1002.000	474.600	1012.000	474.500	1022.000	475.300	1025.000
GR	480.900	1030.000	483.800	1093.000	494.300	1193.000	502.200	1239.000	0.000	0.000
BT	5.000	1100.000	2170.000	2810.000	4920.000	2810.000	0.000	0.000	0.000	0.000

X1	246810.000	14.000	1000.000	1025.000	1170.000	1170.000	1170.000	0.000	0.000	0.000
GR	510.000	500.000	500.000	600.000	490.000	760.000	484.000	850.000	483.000	950.000
GR	482.200	1000.000	479.000	1002.000	478.000	1012.000	479.000	1022.000	482.500	1025.000
GR	485.000	1090.000	490.000	1180.000	500.000	1300.000	510.000	1530.000	0.000	0.000

X1	246815.000	29.000	1002.000	1023.000	15.000	15.000	15.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	482.100	482.100	0.000
GR	510.000	500.000	500.000	600.000	490.000	760.000	484.000	850.000	483.000	950.000
GR	482.000	1000.000	480.200	1002.000	479.000	1002.000	478.100	1002.900	478.100	1004.100
GR	479.000	1005.000	480.200	1005.000	480.200	1011.500	479.000	1011.500	478.100	1012.400
GR	478.100	1013.600	479.000	1014.500	480.200	1014.500	480.200	1020.000	479.000	1020.000
GR	478.100	1020.900	478.100	1022.100	479.000	1023.000	480.200	1023.000	482.300	1025.000
GR	485.000	1090.000	490.000	1180.000	500.000	1300.000	510.000	1530.000	0.000	0.000
BT	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	246820.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
BT	23.000	500.000	510.000	510.000	600.000	500.000	500.000	760.000	490.000	490.000
BT	850.000	480.000	480.000	950.000	483.000	483.000	1000.000	482.800	482.800	1002.000
BT	482.800	480.000	1002.000	482.800	481.100	1004.100	482.800	481.100	1005.000	482.800

BT	480.200	1011.500	482.800	480.200	1012.400	482.800	481.100	1013.600	482.800	481.100
BT	1010.500	482.800	480.200	1020.000	482.800	480.200	1020.900	482.800	481.100	1022.100
BT	482.800	481.100	1023.000	482.800	480.200	1025.000	482.800	482.800	1090.000	485.000
BT	485.000	1180.000	490.000	480.000	1300.000	500.000	500.000	1500.000	510.000	510.000

ONH-28 PRIVATE DRIVE

X1	246840.000	29.000	1002.000	1023.000	20.000	20.000	20.000	0.000	0.000	0.000
BT	23.000	535.000	510.000	510.000	670.000	500.000	500.000	750.000	490.000	490.000
BT	850.000	484.000	484.000	950.000	483.000	483.000	1000.000	482.800	482.800	1002.000
BT	482.800	480.500	1002.900	482.800	481.500	1000.100	482.800	481.500	1005.000	482.800
BT	480.600	1011.500	482.800	480.600	1012.400	482.500	481.500	1013.600	482.800	481.500
BT	1010.500	482.800	480.600	1020.000	482.800	480.600	1020.900	482.800	481.500	1022.100
BT	482.800	481.500	1023.000	482.800	480.600	1025.000	482.800	482.800	1090.000	485.000
BT	485.000	1180.000	490.000	490.000	1300.000	500.000	500.000	1500.000	510.000	510.000
GR	510.000	535.000	500.000	670.000	490.000	750.000	484.000	850.000	483.000	950.000
GR	482.800	1000.000	479.500	1002.000	478.500	1012.000	479.500	1022.000	482.800	1025.000
GR	479.400	1005.000	480.600	1005.000	480.600	1011.500	479.400	1011.500	478.500	1012.400
GR	478.500	1013.600	479.400	1010.500	480.600	1014.500	480.600	1020.000	479.400	1020.000
GR	478.500	1020.900	478.500	1022.100	479.400	1023.000	480.600	1023.000	482.800	1025.000
GR	485.000	1090.000	490.000	1180.000	500.000	1300.000	510.000	1500.000	0.000	0.000
NC	0.000	0.000	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	245845.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	483.000	483.000	0.000

X1	246860.000	14.000	1000.000	1025.000	15.000	15.000	15.000	0.000	0.000	0.000
GR	510.000	535.000	500.000	670.000	490.000	750.000	484.000	850.000	483.000	950.000
GR	482.800	1000.000	479.500	1002.000	478.500	1012.000	479.500	1022.000	482.800	1025.000
GR	485.000	1090.000	490.000	1180.000	500.000	1300.000	510.000	1500.000	0.000	0.000

ONH-28 VALLEY

X1	247030.000	15.000	1000.000	1025.000	170.000	170.000	170.000	0.000	0.000	0.000
GR	509.900	539.000	494.200	639.000	486.100	739.000	484.600	839.000	483.700	939.000
GR	482.800	1000.000	479.400	1003.000	478.600	1013.000	479.200	1023.000	482.800	1025.000
GR	483.900	1039.000	490.000	1139.000	496.000	1239.000	502.500	1339.000	504.000	1343.000

X1	250560.000	10.000	1000.000	1036.000	3530.000	3530.000	3530.000	0.000	0.000	0.000
GR	510.000	480.000	500.000	700.000	490.500	1000.000	487.500	1003.000	487.100	1018.000
GR	487.500	1031.000	491.000	1036.000	500.000	1220.000	505.000	1500.000	510.000	2000.000

X1	250618.000	10.000	980.000	1041.000	58.000	58.000	58.000	0.000	0.000	0.000
X2	10.000	0.000	0.000	0.000	0.000	0.000	0.000	497.500	497.500	0.000
GR	510.000	480.000	500.000	700.000	491.200	980.000	490.500	1000.000	487.500	1015.000
GR	487.300	1030.000	491.200	1041.000	500.000	1220.000	505.000	1500.000	510.000	2000.000
SB	1.050	1.000	2.900	0.000	36.000	1.000	482.000	1.900	481.600	487.500

ONH-29 S2 1969

X1	250605.000	0.000	0.000	0.000	25.000	25.000	25.000	1.000	0.100	0.000
X2	0.000	0.000	1.000	496.800	498.500	0.000	0.000	0.000	0.000	0.000
X2	10.000	0.000	0.000	0.000	0.000	0.000	0.000	499.000	499.000	0.000
BT	12.000	543.000	508.700	0.000	643.000	504.500	0.000	745.000	501.300	0.000
BT	497.000	497.000	0.000	943.000	498.600	0.000	980.000	498.500	496.600	1041.000
BT	498.600	496.000	1143.000	498.500	0.000	1243.000	498.800	0.000	1343.000	501.100
BT	0.000	1500.000	505.000	0.000	2000.000	510.000	0.000	0.000	0.000	0.000

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

T1 ORANGE CO. FIA STUDY
 T2 NEW HOPE CREEK
 T3 50 YEAR U

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FW
	-10.	3.	0.	0.	0.000000	0.00	0.0	0.	260.000	0.000
J2	NPROF	IPLUT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*PROF 2

CCHV= 0.100 CEHV= 0.300

*SECNO 190260.000

SECNO	DEPTH	WSEL	CRWS	WSELK	LG	HV	HL	LOSS	BANK ELEV
	ALOB	ACH	OROB	ALOB	ACH	AROB	VDI	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLQBL	XLCH	XLQBR	LTRIAL	LDL	LCUNT	COBAR	TOPWIC	ENDST

ONH-1 VALLEY AT COUNTY LINE

190260.00	2.90	260.00	0.00	260.00	260.02	0.02	0.00	0.00	257.00
9300.	3231.	761.	5308.	3142.	278.	5919.	0.	0.	257.20
0.00	1.03	2.74	0.90	0.120	0.060	0.120	0.000	251.10	220.00
0.000993	0.	0.	0.	0	0	0	0.00	2630.00	2850.00

*SECNO 191850.000

191850.00	10.40	262.20	0.00	0.00	262.31	0.11	2.26	0.03	258.80
7400.	3720.	1814.	1866.	3035.	367.	1434.	259.	78.	258.80
0.20	1.23	4.94	1.30	0.120	0.060	0.120	0.060	251.80	894.80
0.002513	1520.	1520.	1520.	2	0	0	0.00	1640.19	2535.00

*SECNO 194000.000

ONH-2 VALLEY

194000.00	12.32	266.22	0.00	0.00	266.31	0.10	4.00	0.00	261.10
7400.	194.	1955.	5258.	191.	468.	3608.	483.	138.	262.20
0.48	1.02	4.18	1.40	0.120	0.060	0.120	0.060	253.90	932.13
0.001432	2150.	2150.	2150.	2	0	0	0.00	783.98	1716.11

*SECNO 194600.000

3501 HV CHANGED MORE THAN HVINS

194600.00	11.32	267.12	0.00	0.00	268.55	1.42	1.84	0.40	262.50
7400.	2142.	2142.	1601.	244.	468.	372.	531.	145.	262.50

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR 01,02

MODIFICATION - 50,51,52,53

T1 ORANGE COUNTY FIA STUDY

T2 NEW HOPE CREEK

T3 100 YEAR D

J1	ICHECK	ING	NINV	IDIR	STAT	METRIC	HVINS	Q	WSEL	FU
	-10.	4.	0.	0.	0.000000	0.00	0.0	0.	260.300	0.000
J2	NPROF	IPLDT	PRFVS	XSECV	XSECH	FN	ALLUC	IBW	CHNIM	ITRACE
	3.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*PROF 3.

CCHV= 0.100 CERV= 0.300

*SECNO 190260.000

SECNO	DEPTH	CWSEL	CRINS	WSELK	FG	HV	HL	OLOSS	BANK ELEV
	WLOB	WCH	WDOB	WLOB	WCH	WDOB	WCH	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VRDB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XL0GL	XL0H	XL0BR	ITR1AL	ITC	ICONT	CORAR	TOPWID	ENDST

ORH-1 VALLEY AT COUNTY LINE

190260.00	9.20	260.30	0.00	260.30	260.32	0.02	0.00	0.00	257.00
10500.	3610.	809.	6081.	3375.	289.	6465.	0.	0.	257.20
0.00	1.07	2.80	0.90	0.120	0.060	0.120	0.000	251.10	213.40
0.000986	0.	0.	0.	0	0	0	0.00	2651.60	2865.00

*SECNO 191850.000

191850.00	10.73	262.55	0.00	0.00	262.64	0.11	2.29	0.03	258.80
8700.	4522.	1903.	2235.	3395.	380.	1597.	283.	79.	258.80
0.20	1.33	5.11	1.40	0.120	0.060	0.120	0.060	251.80	889.60
0.002567	1590.	1590.	1590.	2	0	0	0.00	1653.52	2543.12

*SECNO 194000.000

ORH-2 VALLEY

194000.00	12.82	266.72	0.00	0.00	266.82	0.11	4.18	0.00	261.10
8700.	251.	2179.	6270.	226.	890.	3943.	531.	139.	262.20
0.46	1.11	4.45	1.59	0.120	0.060	0.120	0.060	253.00	926.29
0.001525	2150.	2150.	2150.	2	0	0	0.00	192.99	1719.28

*SECNO 194600.000

3301 HV CHANGED MORE THAN HVINS

194600.00	11.86	267.66	0.00	0.00	269.21	1.58	1.95	0.43	262.50
8700.	445.	5803.	1412.	450.	880.	477.	573.	127.	262.50

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR 01,02

MODIFICATION - 50,51,52,53

T1 DRANGE COUNTY FJA STUDY
T2 NEW HOPE CREEK
T3 500 YEAR Q

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FW
	-10.	5.	0.	0.	0.000000	0.00	0.0	0.	261.200	0.000

J2	NPROF	IPLT	PREVS	XSECV	XSECH	FW	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

*PRGF 4

CCHV= 0.100 CEHV= 0.300

*SECNO 190200.000

SECNO	DEPTH	CWSEL	CRINS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
Q	DLDB	DCH	DRDB	ALDB	ACH	ARDB	VDL	LWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WIN	ELMIN	SSTA	
SLOPE	XLDBL	XLCH	YLOBR	LRIAL	LOC	ICONT	CDRAB	TOPVIO	ENDST	

ONH-1 VALLEY AT COUNTY LINE

190200.00	10.10	261.20	0.00	261.20	261.22	0.02	0.00	0.00	257.00	
13000.	4356.	664.	7780.	4093.	322.	8131.	0.	0.	257.20	
0.00	1.06	2.68	0.96	0.120	0.060	0.120	0.000	251.10	193.60	
0.000781	0.	0.	0.	0	0	0	0.00	2716.40	2910.00	

*SECNO 191850.000

191850.00	11.43	263.23	0.00	0.00	263.36	0.13	2.11	0.03	258.80	
12500.	6732.	2313.	3255.	4185.	408.	1959.	349.	80.	258.80	
0.19	1.61	5.67	1.66	0.120	0.060	0.120	0.060	251.80	878.27	
0.002863	1590.	1590.	1590.	2	0	0	0.00	1682.55	2560.82	

*SECNO 194000.000

ONH-2 VALLEY

194000.00	14.04	267.94	0.00	0.00	268.07	0.13	4.71	0.00	261.10	
12300.	452.	2761.	9108.	325.	508.	4775.	650.	142.	262.20	
0.41	1.53	5.08	1.91	0.120	0.060	0.120	0.060	253.90	912.10	
0.001750	2150.	2150.	2150.	3	0	0	0.00	810.88	1726.98	

*SECNO 194600.000

3501 HV CHANGED MORE THAN HVINS

194600.00	13.16	268.96	0.00	0.00	270.77	1.81	2.20	0.50	262.50	
12300.	2087.	7011.	2865.	647.	507.	612.	701.	150.	262.50	

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR - 01,02

MODIFICATION - 50,51,52,53

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

EAR W MARCH 78 HLJ

SUMMARY PRINTOUT

SECNO	CWSEL	LG	ELMIN	ELLC	TOPWID
190260.000	259.00	259.01	251.10	0.00	2476.75
190260.000	260.00	260.02	251.10	0.00	2530.00
190260.000	260.30	260.32	251.10	0.00	2651.60
190260.000	261.20	261.22	251.10	0.00	2716.40
191850.000	260.10	260.61	251.80	0.00	1554.22
191850.000	262.20	262.31	251.80	0.00	1640.19
191850.000	262.53	262.64	251.80	0.00	1653.52
191850.000	263.23	263.36	251.80	0.00	1682.55
194000.000	264.44	264.48	253.90	0.00	752.15
194000.000	266.22	266.31	253.90	0.00	783.98
194000.000	266.72	266.82	253.90	0.00	792.99
194000.000	267.94	268.07	253.90	0.00	814.88
194600.000	264.97	265.73	255.80	0.00	231.73
194600.000	267.12	268.55	255.80	0.00	291.06
194600.000	267.66	269.21	255.80	0.00	305.84
194600.000	268.96	270.77	255.80	0.00	341.69
194657.000	265.69	266.09	256.00	0.00	121.00
194657.000	268.09	269.00	256.00	0.00	328.55
194657.000	269.12	269.69	256.00	0.00	345.67
194657.000	270.58	271.29	256.00	0.00	404.36
194683.000	265.71	266.12	256.10	266.80	121.00
194683.000	269.08	269.90	256.10	266.80	121.00
194683.000	270.15	270.57	256.10	266.80	372.95
194683.000	271.32	271.90	256.10	266.80	442.19
194700.000	265.76	266.21	256.20	0.00	297.57
194700.000	269.60	270.01	256.20	0.00	320.53
194700.000	270.18	270.63	256.20	0.00	411.61
194700.000	271.34	271.97	256.20	0.00	491.27
195320.000	268.11	268.50	258.60	0.00	264.21
195320.000	271.56	272.06	258.60	0.00	340.17
195320.000	272.27	272.81	258.60	0.00	355.90
195320.000	273.86	274.52	258.60	0.00	378.56

DEMO	CASEL	REG	ELWIN	ELLC	TURWID
197160.000	274.59	275.01	264.50	0.00	539.26
197160.000	277.59	277.92	264.50	0.00	550.27
197160.000	273.32	274.64	264.50	0.00	553.01
197160.000	280.08	280.41	264.50	0.00	562.75
197350.000	275.27	275.92	265.80	0.00	398.85
197350.000	278.11	278.62	265.80	0.00	547.49
197350.000	278.85	279.30	265.80	0.00	550.10
197350.000	280.37	281.01	265.80	0.00	556.49
198620.000	284.67	285.46	275.70	0.00	356.03
198620.000	286.58	287.39	275.70	0.00	874.86
198620.000	286.96	287.77	275.70	0.00	903.51
198620.000	287.98	288.70	275.70	0.00	976.78
199000.000	286.05	286.62	276.60	0.00	663.80
199000.000	288.14	288.59	276.60	0.00	922.71
199000.000	288.54	289.00	276.60	0.00	951.72
199000.000	289.45	289.94	276.60	0.00	1019.39
199400.000	288.14	288.63	278.50	0.00	726.34
199400.000	290.13	290.55	278.50	0.00	929.44
199400.000	290.55	290.99	278.50	0.00	961.83
199400.000	291.61	292.02	278.50	0.00	1036.88
200730.000	293.56	293.96	284.90	0.00	175.95
200730.000	296.01	296.60	284.90	0.00	205.54
200730.000	296.79	297.59	284.90	0.00	215.06
200730.000	298.51	299.72	284.90	0.00	235.94
201200.000	295.76	297.09	289.00	0.00	72.89
201200.000	298.33	300.57	289.00	0.00	95.36
201200.000	299.39	302.08	289.00	0.00	104.66
201200.000	301.69	305.26	289.00	0.00	135.75
201350.000	297.86	299.30	291.30	0.00	71.12
201350.000	300.63	302.87	291.30	0.00	95.42
201350.000	301.88	304.44	291.30	0.00	106.26
201350.000	304.62	307.07	291.30	0.00	142.50
201500.000	300.17	301.11	293.60	0.00	71.24
201500.000	302.93	305.17	293.60	0.00	95.37
201500.000	304.11	306.73	293.60	0.00	105.96
201500.000	306.60	309.92	293.60	0.00	139.12
202900.000	321.42	322.70	315.00	0.00	78.42
202900.000	324.12	326.07	315.00	0.00	91.50
202900.000	325.31	327.56	315.00	0.00	97.28
202900.000	327.94	331.01	315.00	0.00	110.00
203000.000	322.97	323.87	315.70	0.00	82.50
203000.000	325.82	327.28	315.70	0.00	96.36
203000.000	327.09	328.81	315.70	0.00	102.52
203000.000	329.96	332.70	315.70	0.00	116.41

COURT REPORTERS
 ASSOCIATION
 OF THE
 DISTRICT OF
 COLUMBIA
 INCORPORATED
 IN 1916

SECNO	CANSEL	FG	ELMIN	ELLE	TORWID
203200.000	324.70	325.08	317.05	0.00	84.36
203200.000	327.75	329.00	317.05	0.00	99.17
203200.000	329.10	330.57	317.05	0.00	105.65
203200.000	332.14	334.13	317.05	0.00	121.06
205360.000	339.76	340.48	331.90	0.00	119.61
205360.000	342.77	343.66	331.90	0.00	176.02
205360.000	344.09	345.04	331.90	0.00	189.18
205360.000	347.09	348.14	331.90	0.00	218.99
205410.000	346.23	348.67	335.50	0.00	196.95
205410.000	343.26	343.81	335.50	0.00	246.28
205410.000	344.56	345.18	335.50	0.00	266.27
205410.000	347.49	348.26	335.50	0.00	306.97
205500.000	340.21	341.12	332.90	0.00	110.19
205500.000	343.08	344.21	332.90	0.00	157.61
205500.000	344.37	345.56	332.90	0.00	182.17
205500.000	347.33	348.60	332.90	0.00	211.52
205930.000	343.44	344.03	335.10	0.00	127.70
205930.000	346.23	347.05	335.10	0.00	178.75
205930.000	347.44	348.30	335.10	0.00	190.68
205930.000	350.13	351.22	335.10	0.00	217.37
206300.000	345.42	346.16	337.00	0.00	81.30
206300.000	348.20	349.51	337.00	0.00	98.96
206300.000	349.41	350.98	337.00	0.00	106.29
206300.000	351.90	354.19	337.00	0.00	151.39
207200.000	350.51	351.22	341.60	0.00	74.59
207200.000	354.03	355.10	341.60	0.00	106.25
207200.000	355.59	356.82	341.60	0.00	120.31
207200.000	358.95	360.53	341.60	0.00	150.57
212060.000	374.63	375.10	366.30	0.00	170.44
212060.000	377.29	377.80	366.30	0.00	326.89
212060.000	378.42	378.93	366.30	0.00	355.54
212060.000	380.90	381.43	366.30	0.00	418.16
213465.000	380.27	380.66	371.50	0.00	145.60
213465.000	382.79	383.37	371.50	0.00	198.50
213465.000	383.88	384.56	371.50	0.00	221.47
213465.000	386.19	387.09	371.50	0.00	269.88
213515.000	380.36	380.90	371.60	0.00	50.00
213515.000	382.58	383.83	371.60	0.00	50.00
213515.000	384.11	384.76	371.60	0.00	224.19
213515.000	386.40	387.32	371.60	0.00	273.48
213526.000	380.49	381.31	371.60	0.00	50.00
213526.000	383.05	384.21	371.60	0.00	50.00
213526.000	386.07	386.50	371.60	0.00	219.29
* 213526.000	388.86	389.49	371.60	0.00	269.52

SECTNO	CASEL	FC	ELMIN	FILE	TOPWID
213545.000	380.72	381.00	371.50	0.00	124.82
213545.000	383.85	384.35	371.50	0.00	181.19
213545.000	386.13	386.58	371.50	0.00	222.08
213545.000	388.93	389.54	371.50	0.00	272.41
213690.000	381.17	381.39	370.90	0.00	137.12
213690.000	384.33	384.68	370.90	0.00	159.50
213690.000	386.49	386.85	370.90	0.00	171.71
213690.000	389.31	389.86	370.90	0.00	187.64
213800.000	381.33	381.57	371.30	0.00	135.35
213800.000	384.52	384.89	371.30	0.00	158.30
213800.000	386.65	387.03	371.30	0.00	170.36
213800.000	389.52	390.09	371.30	0.00	186.55
214000.000	381.68	381.95	372.00	0.00	132.69
214000.000	384.99	385.30	372.00	0.00	156.45
214000.000	386.98	387.39	372.00	0.00	168.20
214000.000	389.02	390.52	372.00	0.00	184.86
214300.000	382.31	382.64	373.10	0.00	129.21
214300.000	385.56	386.01	373.10	0.00	153.51
214300.000	387.50	388.00	373.10	0.00	165.18
214300.000	390.58	391.24	373.10	0.00	182.40
215000.000	384.19	384.49	375.60	0.00	127.72
215000.000	387.30	387.79	375.60	0.00	145.00
215000.000	389.13	389.57	375.60	0.00	155.18
215000.000	392.37	392.99	375.60	0.00	176.57
215900.000	386.94	387.39	378.90	0.00	60.71
215900.000	390.02	390.85	378.90	0.00	80.21
215900.000	391.53	392.52	378.90	0.00	95.32
215900.000	394.86	396.31	378.90	0.00	128.63
218310.000	395.57	395.95	387.70	0.00	155.98
218310.000	398.73	399.17	387.70	0.00	176.73
218310.000	400.19	400.66	387.70	0.00	186.24
218310.000	403.82	404.37	387.70	0.00	209.97
221050.000	402.45	402.68	393.20	0.00	177.00
221050.000	405.30	405.62	393.20	0.00	250.11
221050.000	406.60	406.95	393.20	0.00	283.02
221050.000	409.83	410.22	393.20	0.00	365.72
221091.000	402.52	402.76	393.30	0.00	76.00
221091.000	405.44	405.70	393.30	0.00	251.25
221091.000	405.75	407.03	393.30	0.00	284.48
221091.000	409.96	410.30	393.30	0.00	366.30
221109.000	402.54	402.77	392.60	405.10	76.00
221109.000	405.97	406.15	392.60	405.10	349.12
221109.000	407.06	407.26	392.60	405.10	358.40
221109.000	410.12	410.35	392.60	405.10	383.44

SECNO	CASEL	FC	ELMIN	ELLC	TOP-10
221230.000	407.77	407.00	392.60	0.00	277.60
221230.000	406.10	406.31	392.60	0.00	350.28
221230.000	407.20	407.42	392.60	0.00	359.51
221230.000	410.26	410.50	392.60	0.00	384.54
223400.000	406.10	406.30	396.00	0.00	116.12
223400.000	409.22	409.50	396.00	0.00	135.33
223400.000	410.54	410.98	396.00	0.00	155.67
223400.000	413.66	414.29	396.00	0.00	246.08
225500.000	408.91	409.09	399.20	0.00	105.90
225500.000	412.46	412.72	399.20	0.00	147.57
225500.000	413.84	414.36	399.20	0.00	165.49
225500.000	417.72	418.15	399.20	0.00	206.98
225900.000	409.53	409.85	401.60	0.00	83.37
225900.000	413.01	413.44	401.60	0.00	126.66
225900.000	414.60	415.08	401.60	0.00	144.60
225900.000	418.29	418.91	401.60	0.00	186.30
227300.000	415.95	416.72	410.10	0.00	76.40
227300.000	418.34	419.42	410.10	0.00	107.97
227300.000	419.60	420.77	410.10	0.00	129.66
227300.000	422.85	424.13	410.10	0.00	167.03
227340.000	415.97	417.70	410.30	0.00	38.00
* 227340.000	417.27	420.93	410.30	0.00	38.00
* 227340.000	419.01	422.65	410.30	0.00	38.00
227340.000	423.03	424.49	410.30	0.00	169.35
* 227360.000	417.52	418.33	410.80	422.10	86.06
* 227360.000	420.75	421.51	410.80	422.10	133.20
* 227360.000	422.36	423.06	410.80	422.10	150.18
* 227360.000	426.82	427.41	410.80	422.10	212.15
227380.000	417.65	418.63	411.30	0.00	80.76
227380.000	420.78	421.70	411.30	0.00	126.72
227380.000	422.38	423.21	411.30	0.00	147.93
227380.000	426.82	427.50	411.30	0.00	205.72
227470.000	419.10	419.53	413.60	0.00	133.47
227470.000	421.31	422.30	413.60	0.00	203.32
227470.000	423.25	423.67	413.60	0.00	222.03
227470.000	427.4	427.77	413.60	0.00	256.81
227600.000	420.14	420.65	414.55	0.00	135.70
227600.000	422.05	423.2	414.55	0.00	190.26
227600.000	423.72	424.26	414.55	0.00	218.06
227600.000	427.66	428.10	414.55	0.00	251.56
227850.000	422.01	422.51	416.40	0.00	136.08
227850.000	424.00	424.66	416.40	0.00	185.60
227850.000	425.01	425.70	416.40	0.00	212.77
7850.000	428.39	428.98	416.40	0.00	242.86

SLEVO	CWSEL	LC	ELMIN	ELLC	TOP410
228100.000	423.40	426.76	418.25	0.00	136.18
228100.000	425.79	426.47	418.25	0.00	184.00
228100.000	426.69	427.43	418.25	0.00	209.94
228100.000	424.47	430.23	418.25	0.00	257.02
228600.000	427.56	428.06	421.95	0.00	155.96
228600.000	429.48	428.17	421.95	0.00	183.65
228600.000	430.54	431.10	421.95	0.00	208.41
228600.000	432.56	433.56	421.95	0.00	251.32
232400.000	456.54	457.33	450.00	0.00	57.51
232400.000	459.06	460.22	450.00	0.00	73.80
232400.000	460.24	461.62	450.00	0.00	82.51
232400.000	463.07	465.07	450.00	0.00	110.67
232454.000	457.52	457.50	450.10	0.00	86.03
232454.000	460.13	460.43	450.10	0.00	102.98
232454.000	461.53	461.85	450.10	0.00	109.88
232454.000	464.90	465.25	450.10	0.00	124.95
232455.000	457.16	457.57	450.20	0.75.50	64.44
232455.000	459.91	460.53	450.20	0.75.50	67.07
232455.000	461.23	461.88	450.20	0.75.50	70.26
232455.000	464.60	465.49	450.20	0.75.50	123.05
232465.000	457.21	457.62	450.20	0.75.50	60.57
232465.000	459.97	460.58	450.20	0.75.50	67.21
232465.000	461.30	462.03	450.20	0.75.50	70.42
232465.000	464.69	465.56	450.20	0.75.50	125.45
232466.000	457.47	457.60	450.10	0.00	86.87
232466.000	460.36	460.62	450.10	0.00	103.27
232466.000	461.74	462.08	450.10	0.00	111.27
232466.000	465.13	465.61	450.10	0.00	132.39
232500.000	457.17	457.87	450.60	0.00	59.46
232500.000	459.49	460.23	450.60	0.00	79.23
232500.000	461.24	462.41	450.60	0.00	92.50
232500.000	464.47	466.02	450.60	0.00	124.67
232770.000	459.10	459.59	452.30	0.00	88.43
232770.000	461.88	462.52	452.30	0.00	116.39
232770.000	463.23	465.90	452.30	0.00	129.97
232770.000	466.63	467.52	452.30	0.00	164.06
234640.000	464.27	464.56	455.50	0.00	670.02
234640.000	466.15	466.21	455.50	0.00	693.75
234640.000	467.16	467.22	455.50	0.00	706.48
234640.000	470.05	470.09	455.50	0.00	745.86
236100.000	465.61	465.67	456.90	0.00	589.06
236100.000	467.50	467.44	456.90	0.00	473.11
236100.000	468.27	468.56	456.90	0.00	516.94
236100.000	470.91	471.00	456.90	0.00	620.98

PRINTED IN U.S.A.
 PRINTED IN U.S.A.
 PRINTED IN U.S.A.

SEENO	CASEL	EG	ELMIN	ELLE	TOP410
236129.000	465.53	465.73	457.00	0.00	89.00
236129.000	467.23	467.57	457.00	0.00	89.00
236129.000	468.07	468.52	457.00	0.00	49.00
236129.000	470.94	471.03	457.00	0.00	621.48
236152.000	465.62	465.77	457.00	664.40	89.00
236152.000	467.35	467.66	457.00	664.40	89.00
236152.000	468.81	469.19	457.00	665.40	89.00
236152.000	472.36	472.41	457.00	665.40	654.18
236190.000	465.78	465.82	457.20	0.00	472.03
236190.000	467.69	467.75	457.20	0.00	566.00
236190.000	469.22	469.26	457.20	0.00	641.43
236190.000	472.39	472.43	457.20	0.00	835.05
236510.000	466.03	466.26	458.10	0.00	260.99
236510.000	467.96	468.18	458.10	0.00	446.06
236510.000	469.42	469.57	458.10	0.00	492.29
236510.000	472.54	472.65	458.10	0.00	575.30
237900.000	468.69	468.77	460.50	0.00	478.19
237900.000	470.44	470.52	460.50	0.00	506.12
237900.000	471.57	471.65	460.50	0.00	519.07
237900.000	473.98	474.06	460.50	0.00	555.67
239100.000	470.38	470.51	462.70	0.00	350.38
239100.000	472.16	472.24	462.70	0.00	396.59
239100.000	472.96	473.10	462.70	0.00	419.82
239100.000	475.37	475.53	462.70	0.00	485.06
239900.000	471.42	471.46	464.10	0.00	528.38
239900.000	473.13	473.17	464.10	0.00	562.60
239900.000	473.94	473.98	464.10	0.00	578.83
239900.000	476.32	476.38	464.10	0.00	626.47
240450.000	471.89	471.93	465.00	0.00	654.32
240450.000	473.55	473.58	465.00	0.00	710.74
240450.000	474.32	474.35	465.00	0.00	736.74
240450.000	476.69	476.73	465.00	0.00	817.57
241550.000	473.33	473.44	467.00	0.00	548.16
241550.000	474.73	474.83	467.00	0.00	582.11
241550.000	475.35	475.44	467.00	0.00	597.19
241550.000	477.60	477.68	467.00	0.00	651.61
241860.000	474.16	474.41	467.40	0.00	222.46
241860.000	475.07	475.24	467.40	0.00	261.54
241860.000	476.00	476.41	467.40	0.00	271.49
241860.000	478.07	478.55	467.40	0.00	299.21
244350.000	480.09	481.10	472.50	0.00	216.49
244350.000	483.11	483.34	472.50	0.00	261.32
244350.000	485.88	486.12	472.50	0.00	301.46
244350.000	486.16	486.44	472.50	0.00	348.79

PRINTED IN U.S.A.
 COMMITTEE ON U.S. TRADE
 UNITED STATES OF AMERICA

SECHO	CABEL	ELL	ELMIN	ELLE	TOPWIO
245400.000	483.02	483.20	474.40	0.00	190.66
245400.000	485.22	485.43	474.40	0.00	256.74
245400.000	486.05	486.28	474.40	0.00	281.79
245400.000	488.41	488.67	474.40	0.00	352.24
245438.000	483.16	483.28	474.40	0.00	104.00
245438.000	485.30	485.50	474.40	0.00	104.00
245438.000	486.11	486.37	474.40	0.00	104.00
245438.000	488.36	488.82	474.40	0.00	104.00
245462.000	483.18	483.31	474.50	91.70	104.00
245462.000	485.33	485.54	474.50	91.70	104.00
245462.000	486.15	486.41	474.50	91.70	104.00
245462.000	488.43	488.90	474.50	91.70	104.00
245500.000	483.20	483.41	474.50	0.00	148.91
245500.000	485.36	485.65	474.50	0.00	196.99
245500.000	486.20	486.52	474.50	0.00	215.59
245500.000	488.60	489.01	474.50	0.00	269.00
245630.000	483.45	483.74	474.50	0.00	113.00
245630.000	485.63	486.07	474.50	0.00	147.58
245630.000	487.02	487.47	474.50	0.00	159.31
245630.000	488.88	489.54	474.50	0.00	192.69
246800.000	486.04	486.14	478.00	0.00	289.47
246800.000	488.25	488.35	478.00	0.00	362.33
246800.000	489.17	489.25	478.00	0.00	392.72
246800.000	491.71	491.79	478.00	0.00	467.81
246815.000	486.09	486.16	478.10	0.00	290.74
246815.000	488.29	488.35	478.10	0.00	363.45
246815.000	489.21	489.27	478.10	0.00	393.88
246815.000	491.74	491.81	478.10	0.00	468.88
246820.000	486.06	486.19	478.10	0.00	290.05
246820.000	488.27	488.37	478.10	0.00	362.77
246820.000	489.18	489.29	478.10	0.00	393.08
246820.000	491.71	491.83	478.10	0.00	467.92
246840.000	486.12	486.24	478.50	0.00	295.10
246840.000	488.30	488.40	478.50	0.00	370.87
246840.000	489.21	489.32	478.50	0.00	402.65
246840.000	491.74	491.85	478.50	0.00	464.66
246845.000	486.20	486.26	478.50	0.00	298.12
246845.000	488.36	488.41	478.50	0.00	373.05
246845.000	489.28	489.33	478.50	0.00	404.90
246845.000	491.80	491.86	478.50	0.00	465.98
246860.000	486.21	486.29	478.50	0.00	298.96
246860.000	488.36	488.43	478.50	0.00	373.54
246860.000	489.28	489.35	478.50	0.00	405.35
246860.000	491.80	491.88	478.50	0.00	466.18

SECHO	CASEL	FC	ELMIN	ELLC	TOPVIA
247030.000	486.45	486.54	478.60	0.00	344.27
247030.000	488.55	488.62	478.60	0.00	406.60
247030.000	489.47	489.54	478.60	0.00	432.85
247030.000	491.97	492.04	478.60	0.00	505.37
250560.000	493.62	493.85	487.10	0.00	188.18
250560.000	495.07	495.43	487.10	0.00	263.42
250560.000	495.81	496.20	487.10	0.00	301.86
250560.000	497.67	498.11	487.10	0.00	398.92
250618.000	493.48	494.05	487.30	0.00	61.00
250618.000	495.20	495.76	487.30	0.00	61.00
250618.000	495.85	496.61	487.30	0.00	61.00
250618.000	498.00	498.33	487.30	0.00	415.70
250643.000	493.81	494.07	487.40	496.80	61.00
250643.000	495.13	495.80	487.40	496.80	61.00
250643.000	495.89	496.66	487.40	496.80	61.00
250643.000	499.78	499.57	487.40	496.80	482.22
250680.000	493.95	494.20	487.60	0.00	187.07
250680.000	495.68	495.99	487.60	0.00	282.47
250680.000	496.57	496.88	487.60	0.00	331.77
250680.000	499.42	499.64	487.60	0.00	488.18
250770.000	494.21	494.61	488.00	0.00	90.41
250770.000	495.89	496.50	488.00	0.00	194.89
250770.000	496.75	497.36	488.00	0.00	284.37
250770.000	499.56	499.91	488.00	0.00	418.34

EAR 0 MARCH 78 HLJ

SUMMARY PRINTOUT

CNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
190260.000	259.00	1273.07	363.47	1065.46	0.53	1.51	0.45
190260.000	260.00	3231.00	780.77	560.15	1.03	2.74	0.90
190260.000	260.30	3609.61	809.21	6081.18	1.07	2.80	0.94
190260.000	261.20	4356.33	863.65	7700.03	1.06	1.68	0.86
191850.000	260.10	632.74	2017.88	499.38	0.84	7.13	1.11
191850.000	262.20	3719.77	1813.93	1866.29	1.23	4.94	1.30
191850.000	262.53	4521.94	1947.14	2234.92	1.33	5.11	1.40
191850.000	263.23	6731.88	2313.15	3254.97	1.61	5.67	1.66
194000.000	264.44	51.72	1065.46	2032.83	0.58	2.73	0.84
194000.000	266.22	190.40	1955.16	5250.43	1.02	4.14	1.46
194000.000	266.72	251.46	2178.97	6269.57	1.11	4.41	1.59
194000.000	267.94	431.61	2760.59	9107.80	1.33	5.01	1.71
194600.000	264.97	200.77	2748.19	200.00	1.39	7.09	1.39
194600.000	267.12	1102.06	5216.94	1081.00	2.87	11.24	2.91
194600.000	267.66	1440.86	5843.30	1411.80	3.18	11.96	3.23
194600.000	268.96	2482.76	7412.63	2400.61	3.86	13.55	3.93
194657.000	265.69	0.00	3150.00	0.00	0.00	5.10	0.00
194657.000	268.49	627.10	6014.72	759.18	1.92	6.29	2.04
194657.000	269.12	815.05	6915.39	969.55	2.08	6.70	2.21
194657.000	270.58	1015.83	9262.30	1121.67	2.08	7.66	2.60
194683.000	265.71	0.00	3150.00	0.00	0.00	5.19	0.00
194683.000	269.08	0.00	7400.00	0.00	0.00	7.29	0.00
194683.000	270.15	926.67	6695.63	1177.70	1.80	5.85	1.96
194683.000	271.32	1530.98	9030.02	1739.00	2.33	7.02	2.37
194700.000	265.76	450.76	2419.32	279.90	1.36	6.10	1.33
194700.000	269.60	2112.24	3090.14	1497.62	2.12	6.78	2.02
194700.000	270.53	2591.51	4376.68	1731.81	2.34	7.30	2.22
194700.000	271.38	3930.92	5602.28	2722.81	2.90	8.61	2.67
195320.000	268.11	612.64	2335.61	201.75	1.88	5.76	1.01
195320.000	271.56	1730.85	4132.45	1536.70	2.74	7.32	1.98
195320.000	272.27	2062.99	4630.38	2000.63	2.94	7.76	2.17
195320.000	273.86	2955.43	5910.95	3433.61	3.43	8.82	2.69
197160.000	274.59	714.89	2380.92	4.19	1.14	5.93	0.80
197160.000	277.59	3711.11	3063.08	25.81	1.77	6.39	1.15
197160.000	278.32	4707.93	3757.24	34.84	1.91	6.52	1.22
197160.000	280.08	7486.39	4549.72	63.89	2.23	6.90	1.30
197350.000	275.27	483.68	2615.65	2.66	1.40	7.03	0.84
197350.000	278.12	3356.33	3821.72	21.95	1.94	7.55	1.29
197350.000	278.83	4358.71	4111.09	30.20	2.10	7.62	1.37
197350.000	280.57	7167.09	4875.56	57.35	2.44	7.85	1.53
198820.000	284.67	54.54	2242.14	605.32	1.61	8.26	2.27
198820.000	286.58	174.35	3433.25	3592.40	2.27	10.20	2.18
198820.000	286.98	209.45	3680.14	4619.41	2.39	10.52	2.34
198820.000	287.98	308.31	4202.07	7584.63	2.58	10.94	2.66

SEENO	CWSEL	U.OW	DCH	D.OD	VLOR	VCH	VROR
199000.000	286.05	63.74	2099.93	631.32	1.49	7.30	1.63
199000.000	288.14	179.17	2931.27	4089.56	1.87	8.17	1.86
199000.000	288.54	214.33	3169.35	5114.32	1.98	8.51	2.01
199000.000	289.46	313.48	3759.60	8026.92	2.24	9.30	2.36
199400.000	288.14	66.58	2014.87	1018.54	1.41	6.84	1.44
199400.000	290.13	170.75	2070.59	4140.66	1.83	7.93	1.82
199400.000	291.58	215.25	3078.09	5206.66	1.91	8.16	1.95
199400.000	292.61	315.56	3603.50	8184.94	2.12	8.74	2.25
200730.000	293.56	260.28	1970.89	290.84	1.48	5.63	1.57
200730.000	296.01	899.94	3425.87	674.19	2.34	7.53	2.21
200730.000	296.79	1254.13	4203.03	938.83	2.78	8.60	2.55
200730.000	298.51	2293.29	6165.00	1741.71	3.78	10.96	3.30
201200.000	295.76	76.91	2335.98	57.12	2.18	9.52	2.16
201200.000	298.33	326.59	4030.86	242.55	3.26	12.73	3.23
201200.000	299.39	507.53	5515.54	376.93	3.72	14.12	3.68
201200.000	301.69	1176.55	8131.12	92.33	5.07	16.80	4.78
201350.000	297.86	70.53	2367.09	52.33	2.23	9.89	2.21
201350.000	300.63	327.02	4430.11	242.87	3.26	12.72	3.23
201350.000	301.88	522.92	5488.72	488.76	3.65	13.79	3.61
201350.000	304.62	1265.15	7956.75	974.10	4.85	15.67	4.46
201500.000	300.17	70.96	2346.34	52.70	2.23	9.87	2.20
201500.000	302.93	326.67	4030.73	242.61	3.26	12.73	3.23
201500.000	304.14	519.87	5494.04	386.09	3.66	13.86	3.62
201500.000	306.68	1231.89	8023.30	944.30	4.93	16.10	4.58
202900.000	321.42	240.39	2210.61	10.99	2.92	9.53	1.94
202900.000	324.12	774.77	4136.67	86.56	4.25	12.17	2.84
202900.000	325.31	1109.30	5108.33	142.37	4.74	13.28	3.19
202900.000	327.94	2095.26	7778.05	326.69	5.77	15.79	3.97
203000.000	322.97	292.83	2150.66	29.51	2.63	8.10	1.75
203000.000	325.82	852.92	4039.47	107.60	3.79	10.63	2.54
203000.000	327.09	1201.02	5030.59	165.38	4.22	11.68	2.87
203000.000	329.96	2230.49	7590.13	278.38	5.11	12.93	3.55
203200.000	328.70	313.87	2126.12	30.01	2.51	7.57	1.67
203200.000	327.75	893.54	3987.89	116.57	3.55	9.89	2.40
203200.000	329.16	1251.47	4964.51	182.02	3.95	10.56	2.70
203200.000	332.14	2310.45	7482.45	407.10	4.76	12.93	3.34
205360.000	339.76	203.13	2030.25	136.62	1.72	7.34	1.96
205360.000	342.77	861.32	3031.62	457.06	2.64	8.76	2.52
205360.000	344.04	1324.44	4104.74	670.83	2.93	9.50	2.71
205360.000	347.69	2714.73	5705.47	1239.80	3.55	10.34	3.09
205410.000	340.23	224.85	1937.25	207.91	1.23	5.87	1.10
205410.000	343.26	522.08	3666.52	561.40	1.44	6.72	1.20
205410.000	344.56	692.44	4599.54	704.62	1.55	7.21	1.30
205410.000	347.49	1164.93	7010.73	1024.35	1.76	8.29	1.56

SEENO	CWSEL	GLDB	OCH	QSOB	VLOB	VCH	VRUB
205500.000	340.21	168.32	2004.35	117.26	1.84	8.13	2.12
205500.000	343.08	772.56	3557.22	020.22	2.85	9.74	2.76
205500.000	344.37	1212.33	4260.31	27.36	3.16	10.28	2.97
205500.000	347.33	2591.61	5930.05	1276.34	3.79	11.26	3.35
205930.000	343.44	240.32	1976.65	153.03	1.66	6.71	1.82
205930.000	346.23	890.62	3300.12	071.26	2.56	8.02	2.02
205930.000	347.44	1347.01	4073.18	674.81	2.88	9.11	2.66
205930.000	350.13	2649.27	5707.03	1326.71	3.60	10.53	3.14
206300.000	345.42	271.69	2075.12	26.19	2.29	7.32	1.52
206300.000	348.20	787.98	3877.01	85.02	3.24	7.93	2.25
206300.000	349.31	1122.96	4847.73	129.77	3.66	11.14	2.58
206300.000	351.94	2220.78	7276.17	303.45	4.73	13.69	3.38
207200.000	350.51	108.63	2198.26	65.10	1.79	7.00	1.72
207200.000	354.03	455.60	4017.77	27.63	2.66	8.97	2.50
207200.000	355.59	707.60	4952.46	439.95	2.95	9.77	2.76
207200.000	358.95	1510.31	7296.45	085.24	3.54	11.49	3.31
212060.000	374.63	524.57	1608.31	27.12	1.77	6.29	1.79
212060.000	377.29	1690.91	2527.28	81.81	2.11	7.24	1.74
212060.000	378.42	2542.57	2901.61	115.01	2.24	7.57	1.86
212060.000	380.94	5064.76	3870.76	214.48	2.56	8.13	2.07
213465.000	380.27	92.22	1952.41	115.36	1.14	5.30	1.14
213465.000	382.79	416.83	3375.09	507.69	1.86	5.83	1.51
213465.000	383.88	657.93	4153.38	784.68	2.14	7.57	2.21
213465.000	386.19	1022.79	6070.03	1652.79	2.70	9.10	2.81
213515.000	380.35	0.00	2160.00	0.00	0.00	5.87	0.00
213515.000	382.58	0.00	4300.00	0.00	0.00	8.98	0.00
213515.000	384.11	670.95	4126.27	802.75	2.10	7.03	2.18
213515.000	386.46	1446.24	6027.32	1676.44	2.65	8.96	2.76
213526.000	380.49	0.00	2160.00	0.00	0.00	5.76	0.00
213526.000	383.08	0.00	4300.00	0.00	0.00	8.52	0.00
213526.000	386.07	737.63	4130.50	732.07	1.84	6.52	1.83
213526.000	389.06	1539.50	6078.21	1532.29	2.29	7.66	2.29
213545.000	380.72	95.05	1972.12	92.43	1.19	5.04	1.17
213545.000	383.85	427.26	3450.57	422.17	1.77	6.30	1.76
213545.000	386.13	709.98	4105.54	200.08	1.81	6.21	1.81
213545.000	388.93	1556.96	6043.19	1549.94	2.26	7.54	2.25
213690.000	381.17	48.28	1892.06	214.66	0.86	4.02	1.12
213690.000	384.33	223.72	3361.51	110.78	1.51	5.29	1.74
213690.000	386.49	580.65	4103.60	1115.75	1.88	5.49	1.93
213690.000	389.51	779.19	6255.06	2115.35	2.25	7.00	2.59
213800.000	381.33	42.89	1910.21	202.90	0.85	4.17	1.10
213800.000	384.52	216.26	3385.25	898.49	1.53	5.43	1.77
213800.000	386.65	371.54	4130.76	1097.71	1.71	5.62	1.97
213800.000	389.52	769.35	6282.59	2098.05	2.28	7.11	2.62

PRINTED IN U.S.A.
 CONTINUED ON NEXT PAGE

SEGN	CNSEL	OLDB	QCH	QDOB	VLOB	VCH	VR00
214000.000	381.68	34.77	1938.25	18.99	0.83	4.21	1.16
214000.000	384.90	204.48	3423.07	672.44	1.56	5.69	1.82
214000.000	386.98	356.57	4175.76	1067.68	1.76	5.74	2.02
214000.900	389.92	753.87	6325.55	2070.58	2.33	7.29	2.68
214300.000	382.31	24.18	1976.37	159.45	0.78	4.76	1.18
214300.000	385.56	188.04	3474.56	637.39	1.61	5.95	1.88
214300.000	387.54	334.89	4241.83	1023.28	1.83	6.17	2.10
214300.000	390.58	730.40	6390.16	2024.84	2.40	7.56	2.76
215000.000	384.19	270.18	1675.64	54.18	1.41	4.73	1.37
215000.000	387.38	845.78	2984.11	170.11	2.02	5.81	1.92
215000.000	389.13	1258.98	3681.45	241.57	2.26	6.12	2.08
215000.000	392.37	2464.37	5736.05	499.59	2.84	7.51	2.63
215900.000	386.94	13.55	1980.15	6.29	0.94	5.42	0.87
215900.000	390.02	99.47	3454.39	40.18	1.65	7.42	1.53
215900.000	391.53	201.85	4873.46	94.68	2.07	8.19	1.89
215900.000	394.66	630.26	7755.60	111.06	2.76	10.18	2.49
218310.000	395.57	126.48	1861.86	11.66	0.96	5.16	1.08
218310.000	398.73	818.96	3120.37	60.67	1.75	5.97	1.48
218310.000	400.19	1286.76	3783.78	99.47	2.02	6.34	1.62
218310.000	403.82	2817.44	5632.35	250.21	2.56	7.20	1.93
221050.000	402.45	92.01	1671.13	236.87	0.91	4.19	1.13
221050.000	405.30	420.57	2719.62	752.81	1.29	5.29	1.65
221050.000	406.60	682.22	3388.24	1099.54	1.44	5.70	1.83
221050.000	409.83	1669.89	4837.68	2142.43	1.74	6.48	2.17
221091.000	402.52	0.00	2000.00	0.00	0.00	3.94	0.00
221091.000	405.44	230.19	3241.88	527.92	0.98	4.44	1.44
221091.000	406.75	469.56	3980.64	175.79	1.12	4.81	1.59
221091.000	409.96	1139.53	5959.61	1600.87	1.42	5.56	1.88
221109.000	402.54	0.00	2000.00	0.00	0.00	3.88	0.00
221109.000	405.97	105.07	2979.85	115.08	0.88	3.83	1.09
221109.000	407.08	177.29	3590.12	1402.59	1.07	4.17	1.28
221109.000	410.12	474.04	5171.36	3054.61	1.42	4.73	1.67
221230.000	402.77	72.42	1779.72	107.86	0.90	4.08	0.67
221230.000	406.10	257.37	2621.83	1120.80	1.13	4.42	1.17
221230.000	407.20	588.92	3066.75	1094.32	1.33	4.79	1.38
221230.000	410.26	862.32	4227.60	3010.68	1.70	5.36	1.80
223400.000	406.10	237.55	1743.50	10.95	1.16	3.86	0.77
223400.000	409.24	712.22	3202.58	85.20	1.79	5.26	1.21
223400.000	410.54	1021.51	4006.59	141.90	2.09	5.94	1.44
223400.000	413.66	2057.03	6169.02	473.94	2.68	7.43	1.62
225500.000	408.91	63.36	1580.17	22.47	0.72	3.55	0.72
225500.000	412.46	352.48	2788.96	100.56	1.23	4.44	1.06
225500.000	414.24	589.24	3481.00	179.75	1.44	4.91	1.22
225500.000	417.72	1449.14	5401.40	449.46	1.88	6.03	1.59

SEGRD	CWSEL	Q1.00	QCH	Q.00	VLOB	VCH	VROB
225900.000	409.54	23.13	1638.32	7.55	0.77	4.70	0.77
225900.000	413.01	225.66	2949.95	74.39	1.33	5.23	1.23
225900.000	414.60	438.53	3675.04	135.64	1.63	5.90	1.42
225900.000	418.29	1243.49	5675.11	381.40	2.15	7.07	1.80
227300.000	415.95	19.59	1594.01	36.59	1.40	7.17	1.42
227300.000	418.34	112.50	2874.07	212.45	2.09	8.79	2.11
227300.000	419.60	199.95	3572.74	377.31	2.33	9.33	2.36
227300.000	422.05	642.48	5432.33	1175.19	3.04	10.33	3.21
227340.000	415.87	0.00	1650.00	0.00	0.00	10.86	0.00
* 227340.000	417.87	0.00	3200.00	0.00	0.00	14.03	0.00
* 227340.000	419.61	0.00	4150.00	0.00	0.00	15.39	0.00
227340.000	423.03	715.83	4885.30	1648.87	3.37	11.53	3.93
* 227360.000	417.52	20.91	1486.26	142.83	1.38	7.60	2.07
* 227360.000	420.75	176.87	2497.28	525.45	1.93	7.84	2.33
* 227360.000	422.36	339.31	2959.58	851.10	2.19	7.80	2.56
* 227360.000	426.82	1014.53	4264.49	1471.04	2.39	7.77	2.78
227380.000	417.65	14.93	1507.75	127.32	1.41	8.29	1.22
227380.000	420.78	152.44	2561.92	485.64	2.00	8.53	2.47
227380.000	422.38	308.27	3035.25	806.48	2.30	8.80	2.70
227380.000	426.82	973.45	4344.80	1931.75	2.51	8.19	2.92
227470.000	419.10	38.09	1340.01	271.90	1.41	6.43	1.83
227470.000	421.81	171.79	2155.49	477.73	1.71	6.69	2.11
227470.000	423.23	277.29	2531.10	1341.61	1.76	6.63	2.23
227470.000	427.42	798.21	3559.31	2492.47	2.03	6.38	2.42
227600.000	420.14	39.90	1332.00	275.10	1.39	6.27	1.79
227600.000	422.45	161.80	2207.64	630.55	1.81	7.14	2.22
227600.000	423.72	260.26	2608.98	1280.76	1.89	7.20	2.37
227600.000	427.68	751.24	3663.08	2035.68	2.15	6.93	2.59
227850.000	422.01	40.21	1330.64	274.16	1.39	6.25	1.79
227850.000	424.00	152.08	2260.80	787.12	1.91	7.63	2.31
227850.000	425.01	236.98	2713.33	1197.69	2.07	8.00	2.57
227850.000	428.39	663.41	3860.73	2721.87	2.37	8.04	2.93
228100.000	423.85	40.30	1330.25	274.45	1.39	6.20	1.79
228100.000	425.79	150.21	2271.10	770.69	1.93	7.72	2.33
228100.000	426.69	232.06	2708.02	1165.53	2.13	8.28	2.64
228100.000	429.47	595.16	4026.88	2027.96	2.51	8.97	3.20
228600.000	427.56	40.12	1331.04	270.85	1.39	6.25	1.79
228600.000	429.48	149.81	2273.33	770.86	1.93	7.74	2.33
228600.000	430.34	229.92	2759.13	1160.95	2.13	8.37	2.67
228600.000	432.56	505.89	4168.73	2035.38	2.66	9.85	3.44
232400.000	456.65	10.81	1530.38	15.81	1.29	6.80	1.29
232400.000	459.06	87.78	2864.45	87.78	2.05	8.87	2.05
232400.000	460.25	157.90	3634.21	157.89	2.44	9.84	2.44
232400.000	461.77	512.29	5890.54	497.17	3.43	12.20	3.55

SECNO	ENSEJ	OLON	ACH	ORON	VLOR	VCH	VROU
232454.000	457.32	0.00	1560.00	0.00	0.00	3.00	0.00
232454.000	460.15	0.00	3040.00	0.00	0.00	4.19	0.00
232454.000	461.53	0.00	3950.00	0.00	0.00	4.53	0.00
232454.000	464.90	0.00	6900.00	0.00	0.00	5.42	0.00
232455.000	457.16	0.00	1560.00	0.00	0.00	5.14	0.00
232455.000	459.97	0.00	3040.00	0.00	0.00	6.35	0.00
232455.000	461.23	0.00	3950.00	0.00	0.00	6.93	0.00
232455.000	464.60	0.00	6900.00	0.00	0.00	7.58	0.00
232465.000	457.21	0.00	1560.00	0.00	0.00	5.08	0.00
232465.000	459.97	0.00	3040.00	0.00	0.00	6.29	0.00
232465.000	461.30	0.00	3950.00	0.00	0.00	6.88	0.00
232465.000	464.69	0.00	6900.00	0.00	0.00	7.48	0.00
232466.000	457.47	0.00	1560.00	0.00	0.00	3.31	0.00
232466.000	460.36	0.00	3040.00	0.00	0.00	4.07	0.00
232466.000	461.78	0.00	3950.00	0.00	0.00	4.40	0.00
232466.000	465.18	0.00	6899.96	0.00	0.19	5.27	0.00
232500.000	457.17	16.94	1526.13	16.94	1.30	6.77	1.30
232500.000	459.89	105.69	2828.62	105.69	2.00	8.46	2.00
232500.000	461.20	205.93	3539.33	205.74	2.03	9.11	2.46
232500.000	464.47	640.34	5654.56	605.16	3.14	10.93	3.28
232770.000	459.10	85.22	1455.00	10.79	1.41	5.79	1.14
232770.000	461.84	406.29	2524.84	104.87	2.14	7.02	1.68
232770.000	463.23	650.73	3112.11	187.16	2.41	7.54	1.90
232770.000	466.63	1557.94	4826.54	515.52	2.99	8.86	2.00
234840.000	460.27	180.94	889.03	806.03	0.69	3.16	0.65
234840.000	466.15	515.44	1082.04	1452.52	0.87	3.10	0.84
234840.000	467.15	719.59	1181.85	1915.86	0.94	3.05	0.91
234840.000	470.05	1366.66	1501.24	3412.10	1.09	3.04	1.07
236100.000	465.61	477.41	728.96	515.65	0.76	2.60	0.85
236100.000	467.36	1130.18	1131.99	887.05	1.05	3.00	1.14
236100.000	468.27	1566.60	1332.27	421.13	1.15	3.65	1.26
236100.000	470.91	3172.94	1833.25	1495.01	1.33	4.01	1.07
236129.000	465.58	0.00	1520.00	0.00	0.00	3.15	0.00
236129.000	467.23	0.00	2950.00	0.00	0.00	4.67	0.00
236129.000	468.07	0.00	3820.00	0.00	0.00	5.41	0.00
236129.000	470.94	2362.03	3123.10	1210.87	1.15	3.25	1.26
236152.000	465.52	0.00	1520.00	0.00	0.00	3.11	0.00
236152.000	467.33	0.00	2950.00	0.00	0.00	4.60	0.00
236152.000	468.81	0.00	3820.00	0.00	0.00	4.95	0.00
236152.000	472.36	2542.72	2893.71	1254.57	0.97	2.66	1.05
236190.000	465.78	306.93	625.02	503.05	0.69	2.36	0.70
236190.000	467.69	779.77	930.46	1739.77	0.89	2.82	0.93
236190.000	469.22	1087.02	1028.11	1704.87	0.87	2.69	0.93
236190.000	472.39	2145.77	1367.31	3186.92	0.99	2.79	1.02

SECNO	CWSEL	QLOH	QCH	QROB	VLOB	VCH	VROH
236510.000	466.03	320.89	1073.75	111.77	1.23	4.51	0.85
236510.000	467.96	864.05	1539.89	546.05	1.55	5.08	1.20
236510.000	469.42	1239.46	1590.23	982.31	1.45	4.53	1.24
236510.000	472.54	2489.27	1983.93	2220.80	1.50	4.32	1.44
237900.000	468.69	55.81	813.70	650.49	0.76	3.15	0.73
237900.000	470.44	131.17	1126.49	1192.74	0.95	3.53	1.04
237900.000	471.37	190.46	1282.65	2346.89	1.06	3.65	1.16
237900.000	473.98	406.94	1750.19	4542.87	1.20	3.95	1.42
239100.000	470.38	503.10	876.16	80.66	0.91	3.58	0.78
239100.000	472.10	1393.92	1289.64	240.05	1.30	4.23	1.19
239100.000	472.96	1934.60	1500.15	355.25	1.44	4.48	1.35
239100.000	475.37	3779.91	2088.98	731.11	1.74	4.98	1.68
239900.000	471.42	556.53	555.11	210.37	0.69	2.42	0.59
239900.000	473.15	1241.01	787.57	176.61	0.91	2.72	0.83
239900.000	473.94	1569.45	870.07	750.48	0.96	2.74	0.88
239900.000	476.32	3040.29	1295.18	1562.54	1.23	3.23	1.10
240450.000	471.09	378.02	489.15	467.43	0.66	2.30	0.59
240450.000	473.55	818.20	667.42	1114.38	0.81	2.47	0.79
240450.000	474.32	1031.04	731.73	1427.23	0.84	2.46	0.83
240450.000	476.69	2020.99	1060.59	2818.42	1.01	2.79	1.04
241550.000	473.33	616.11	692.64	21.25	0.84	3.68	0.55
241550.000	474.73	1590.42	902.59	102.99	1.14	3.83	0.91
241550.000	475.36	2062.73	977.88	149.39	1.21	3.81	0.99
241550.000	477.60	4182.38	1336.19	281.42	1.46	4.01	1.23
241860.000	470.16	307.01	979.57	1.17	4.63	0.46	
241860.000	475.47	981.67	1583.72	1.81	6.15	0.95	
241860.000	476.00	1314.50	1811.06	2.03	6.56	1.16	
241860.000	478.07	2911.27	2211.25	291.45	2.72	7.74	1.96
244350.000	480.89	196.07	39.03	114.70	1.14	4.22	0.69
244350.000	483.11	1113.90	581.62	1.00	4.92	1.16	
244350.000	483.25	10.83	1628.20	140.98	1.57	5.26	1.32
244350.000	485.14	1198.18	2252.93	144.90	1.99	5.99	1.76
245400.000	483.02	101.21	416.18	232.61	0.98	3.91	0.99
245400.000	485.22	322.34	1401.84	725.82	1.35	4.67	1.36
245400.000	486.06	449.78	1623.99	1106.24	1.49	4.99	1.52
245400.000	488.41	958.18	2330.52	2111.50	1.85	5.89	1.89
245438.000	483.16	0.00	1250.00	0.00	0.00	2.73	0.00
245438.000	485.30	0.00	2450.00	0.00	0.00	3.60	0.00
245438.000	486.11	0.00	3080.00	0.00	0.00	4.03	0.00
245438.000	488.36	0.00	5000.00	0.00	0.00	5.01	0.00
245462.000	483.18	0.00	1250.00	0.00	0.00	2.87	0.00
245462.000	485.33	0.00	2450.00	0.00	0.00	3.72	0.00
245462.000	486.15	0.00	3080.00	0.00	0.00	4.14	0.00
245462.000	488.43	0.00	5400.00	0.00	0.00	5.51	0.00

SECNO	EWSEL	OLDB	DCN	QROB	VLDB	VCH	VROB
245500.000	487.24	97.42	989.65	176.93	1.07	4.12	1.04
245500.000	485.36	291.08	1583.21	575.71	1.57	5.22	1.51
245500.000	486.20	405.39	1855.07	811.64	1.76	5.67	1.68
245500.000	488.60	861.37	2741.01	1797.62	2.24	6.85	2.14
245630.000	483.45	103.97	1092.86	53.17	1.38	4.54	0.75
245630.000	485.61	284.01	1829.76	731.22	1.95	6.02	1.51
245630.000	486.48	386.48	2168.90	920.62	2.16	6.59	1.78
245630.000	488.88	794.53	3272.36	1336.11	2.75	8.16	2.50
246800.000	486.04	411.77	572.00	111.23	0.93	3.24	0.78
246800.000	488.25	1012.27	782.12	379.61	1.15	3.37	0.99
246800.000	489.17	1362.39	985.14	541.47	1.26	3.55	1.09
246800.000	491.71	2519.45	1225.23	1175.32	1.47	3.85	1.30
246815.000	486.09	505.26	443.61	151.13	1.10	3.17	0.94
246815.000	488.29	1148.26	584.17	437.57	1.28	3.14	1.11
246815.000	489.21	1520.02	671.40	618.58	1.38	3.26	1.19
246815.000	491.74	2729.78	898.97	1291.25	1.57	3.47	1.39
246820.000	486.06	534.69	409.29	154.02	1.18	4.52	0.99
246820.000	488.27	1130.04	613.02	426.94	1.27	4.48	1.09
246820.000	489.18	1477.82	734.76	597.42	1.35	4.70	1.16
246820.000	491.71	2614.43	1073.87	1231.70	1.51	5.13	1.34
246840.000	486.12	537.42	404.83	157.75	1.16	4.42	0.98
246840.000	488.30	1136.09	607.67	420.24	1.24	4.42	1.08
246840.000	489.21	1487.08	727.80	595.12	1.32	4.64	1.15
246840.000	491.74	2637.25	1061.17	1221.58	1.49	5.06	1.32
246845.000	486.20	533.50	404.80	161.70	1.10	3.02	0.95
246845.000	488.36	1179.33	543.33	447.33	1.27	3.03	1.11
246845.000	489.28	1555.29	626.92	627.78	1.36	3.16	1.19
246845.000	491.80	2779.60	846.10	1294.30	1.55	3.36	1.38
246860.000	486.21	444.45	526.56	127.99	0.93	3.10	0.79
246860.000	488.36	1036.66	755.27	504.07	1.14	3.29	0.99
246860.000	489.28	1400.74	854.42	554.84	1.24	3.47	1.08
246860.000	491.80	2570.92	1166.27	1182.81	1.49	3.77	1.28
247030.000	486.45	453.63	571.89	74.08	0.84	3.23	0.77
247030.000	488.55	1196.19	755.76	218.05	1.07	3.24	0.87
247030.000	489.47	1629.95	863.58	318.47	1.17	3.42	0.95
247030.000	491.97	3015.53	1157.22	747.45	1.38	3.67	1.14
250560.000	493.62	140.18	402.87	56.95	0.91	4.24	0.81
250560.000	495.07	448.66	1508.21	111.13	1.36	5.70	1.26
250560.000	495.81	678.66	1794.04	337.51	1.53	6.16	1.43
250560.000	497.67	1534.43	2566.66	111.91	1.89	7.16	1.80
250618.000	493.80	0.00	1100.00	0.00	0.00	3.97	0.00
250618.000	495.20	0.00	2170.00	0.00	0.00	5.98	0.00
250618.000	495.85	0.00	2810.00	0.00	0.00	6.94	0.00
250618.000	498.00	1135.78	3058.48	725.74	1.54	5.74	1.54

SECNO	ENSEL	VL08	VEH	0.00	VL08	VEH	VR08
250643.000	497.01	0.00	1100.00	0.00	0.00	4.05	0.00
250643.000	495.23	0.00	2170.00	0.00	0.00	6.06	0.00
250643.000	495.89	0.00	2410.00	0.00	0.00	7.05	0.00
250643.000	499.38	1303.11	2784.23	332.66	1.26	4.56	1.26
250660.000	493.95	132.11	915.69	52.21	0.91	4.36	0.81
250680.000	495.68	472.85	1470.05	227.09	1.30	5.39	1.20
250680.000	496.57	729.40	1712.04	350.56	1.41	5.61	1.32
250680.000	499.42	1745.79	2211.61	362.60	1.48	5.43	1.42
250770.000	494.21	80.69	999.67	4.64	1.21	5.25	0.87
250770.000	495.89	352.27	1737.67	60.05	1.76	6.93	1.45
250770.000	496.75	607.87	2045.50	135.63	1.89	7.27	1.36
250770.000	499.56	1637.78	2071.37	790.85	1.98	6.45	1.56

SECNO	XLCH	ELTRD	ELLC	ELMIN	D	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
190260.000	0.00	0.00	0.00	251.10	3500.00	259.00	0.00	259.01	3.65	1.51	6784.88	1831.68
190260.000	0.00	0.00	0.00	251.10	7300.00	260.06	0.00	260.02	9.93	2.74	4333.25	2950.95
190260.000	0.00	0.00	0.00	251.10	10500.00	260.30	0.00	260.32	9.86	2.80	10130.49	5343.68
190260.000	0.00	0.00	0.00	251.10	13000.00	261.20	0.00	261.22	7.81	2.64	12546.04	4652.40
191850.000	1590.00	0.00	0.00	251.80	3150.00	260.10	260.09	260.61	73.85	7.15	1486.75	366.56
191850.000	1590.00	0.00	0.00	251.80	7400.00	262.20	0.00	262.31	25.13	4.94	4835.95	1476.28
191850.000	1590.00	0.00	0.00	251.80	8700.00	262.53	0.00	262.64	25.67	5.11	5371.05	1717.05
191850.000	1590.00	0.00	0.00	251.80	12300.00	263.23	0.00	263.36	28.63	5.67	6552.13	2298.72
194000.000	2150.00	0.00	0.00	253.90	3150.00	264.44	0.00	264.48	7.81	2.73	2904.78	1127.05
194000.000	2150.00	0.00	0.00	253.90	7400.00	266.22	0.00	266.31	14.32	4.18	4267.16	1955.80
194000.000	2150.00	0.00	0.00	253.90	8700.00	266.72	0.00	266.82	15.25	4.45	4662.99	2228.11
194000.000	2150.00	0.00	0.00	253.90	12300.00	267.90	0.00	268.07	17.30	5.08	5643.88	2956.88
194600.000	600.00	0.00	0.00	255.80	3150.00	266.97	0.00	265.73	64.20	7.09	655.77	393.02
194600.000	600.00	0.00	0.00	255.80	7400.00	267.12	0.00	268.55	105.84	11.27	1219.69	719.29
194600.000	600.00	0.00	0.00	255.80	8700.00	267.66	0.00	269.21	112.11	11.96	1380.06	821.66
194600.000	600.00	0.00	0.00	255.80	12300.00	268.96	0.00	270.77	123.61	13.55	1802.21	1106.29
194657.000	57.00	0.00	0.00	256.00	3150.00	265.69	0.00	266.09	51.08	5.10	617.40	440.73
194657.000	57.00	0.00	0.00	256.00	7400.00	268.09	0.00	269.00	43.29	6.29	1653.07	1124.69
194657.000	57.00	0.00	0.00	256.00	8700.00	269.12	0.00	269.69	44.45	6.70	1862.93	1304.99
194657.000	57.00	0.00	0.00	256.00	12300.00	270.50	0.00	271.29	46.96	7.66	2404.97	1794.86
194683.000	26.00	269.20	266.80	256.10	3150.00	265.71	0.00	266.12	54.13	5.19	606.76	420.16
194683.000	26.00	269.20	266.80	256.10	7400.00	269.08	0.00	269.90	54.04	7.29	1014.51	1006.61
194683.000	26.00	269.20	266.80	256.10	8700.00	270.15	0.00	270.57	29.46	5.85	2198.04	1603.01
194683.000	26.00	269.20	266.80	256.10	12300.00	271.32	0.00	271.90	36.28	7.02	2676.36	2042.13
194700.000	17.00	0.00	0.00	256.20	3150.00	265.76	0.00	266.21	39.34	6.10	938.33	502.19
194700.000	17.00	0.00	0.00	256.20	7400.00	269.60	0.00	270.01	29.76	6.74	2261.69	1356.97
194700.000	17.00	0.00	0.00	256.20	8700.00	270.18	0.00	270.63	32.48	7.30	2488.01	1526.67
194700.000	17.00	0.00	0.00	256.20	12300.00	271.38	0.00	271.97	40.18	8.61	3032.94	1940.45
195320.000	620.00	0.00	0.00	256.60	3150.00	268.11	0.00	268.50	34.51	5.76	930.32	536.23
195320.000	620.00	0.00	0.00	256.60	7400.00	271.56	0.00	272.06	35.90	7.32	1973.30	1254.98
195320.000	620.00	0.00	0.00	256.60	8700.00	272.27	0.00	272.81	37.32	7.76	2222.68	1424.10
195320.000	620.00	0.00	0.00	256.60	12300.00	273.86	0.00	274.52	41.36	8.82	2807.98	1912.53
197160.000	1840.00	0.00	0.00	264.50	3100.00	274.59	0.00	275.01	36.21	5.93	1034.75	515.13
197160.000	1840.00	0.00	0.00	264.50	7200.00	277.59	0.00	277.92	28.14	6.39	2664.30	1357.17
197160.000	1840.00	0.00	0.00	264.50	8500.00	278.32	0.00	278.64	26.90	6.52	3074.09	1638.78
197160.000	1840.00	0.00	0.00	264.50	12100.00	280.08	0.00	280.41	25.19	6.90	4057.72	2410.65
197350.000	190.00	0.00	0.00	265.80	3100.00	275.27	0.00	275.92	56.12	7.05	720.94	413.82
197350.000	190.00	0.00	0.00	265.80	7200.00	278.12	0.00	278.62	42.95	7.55	2250.09	1098.57
197350.000	190.00	0.00	0.00	265.80	8500.00	278.83	0.00	279.30	40.19	7.62	2639.33	1380.82
197350.000	190.00	0.00	0.00	265.80	12100.00	280.57	0.00	281.01	35.35	7.85	3599.83	2035.09
198820.000	1470.00	0.00	0.00	275.70	3100.00	284.67	0.00	285.46	75.06	8.26	659.10	357.82
198820.000	1470.00	0.00	0.00	275.70	7200.00	286.58	0.00	287.39	86.10	10.20	2060.85	775.96
198820.000	1470.00	0.00	0.00	275.70	8500.00	286.98	0.00	287.77	86.84	10.52	2411.68	1215.15
198820.000	1470.00	0.00	0.00	275.70	12100.00	287.98	0.00	288.70	82.09	10.94	3360.14	1525.02

SEENO	XLEN	ELTRD	ELLE	ELMIN	Q	CWSEL	CRWS	EG	10K+S	VCH	AREA	DLK
199000.000	180.00	0.00	0.00	276.60	3100.00	286.05	0.00	285.62	50.20	7.30	906.45	420.91
199009.000	180.00	0.00	0.00	276.60	7200.00	288.14	0.00	288.59	50.62	8.17	2653.11	1011.93
199006.000	180.00	0.00	0.00	276.60	8500.00	288.54	0.00	289.00	52.29	8.51	3027.43	1175.47
199000.000	180.00	0.00	0.00	276.60	12100.00	289.46	0.00	289.94	56.05	9.30	3945.93	1616.23
199400.000	400.00	0.00	0.00	270.50	3100.00	288.14	0.00	288.63	46.15	6.84	1047.43	456.34
199400.000	400.00	0.00	0.00	270.50	7200.00	290.13	0.00	290.55	47.16	7.93	2738.85	1048.47
199400.000	400.00	0.00	0.00	270.50	8500.00	290.50	0.00	290.99	47.29	8.16	3160.71	1236.07
199400.000	400.00	0.00	0.00	270.50	12100.00	291.61	0.00	292.02	48.16	8.74	4193.55	1743.58
200730.000	1330.00	0.00	0.00	284.90	2470.00	293.56	0.00	293.96	34.00	5.63	617.92	423.58
200730.000	1330.00	0.00	0.00	284.90	5000.00	296.01	0.00	296.64	42.86	7.53	1143.35	763.71
200730.000	1330.00	0.00	0.00	284.90	6400.00	296.79	0.00	297.59	50.82	8.60	1308.41	897.75
200730.000	1330.00	0.00	0.00	284.90	10200.00	298.51	0.00	299.72	68.31	10.96	1696.73	1234.12
201200.000	470.00	0.00	0.00	289.00	2470.00	295.76	0.00	297.09	136.92	9.52	307.13	211.09
201200.000	470.00	0.00	0.00	289.00	5000.00	298.33	0.00	300.57	153.48	12.73	523.23	403.59
201200.000	470.00	0.00	0.00	289.00	6400.00	299.39	0.00	302.00	162.01	14.12	629.44	502.82
201200.000	470.00	0.00	0.00	289.00	10200.00	301.69	301.49	305.28	173.63	16.44	901.71	774.49
201350.000	150.00	0.00	0.00	291.30	2470.00	297.86	0.00	299.30	150.52	9.89	292.51	198.71
201350.000	150.00	0.00	0.00	291.30	5000.00	300.63	0.00	302.87	153.05	12.72	523.84	404.16
201350.000	150.00	0.00	0.00	291.30	6400.00	301.83	0.00	304.44	150.68	13.79	649.01	521.37
201350.000	150.00	0.00	0.00	291.30	10200.00	304.62	0.00	307.67	140.50	15.67	988.07	660.51
201500.000	150.00	0.00	0.00	293.60	2470.00	300.17	0.00	301.61	153.23	9.87	293.59	199.54
201500.000	150.00	0.00	0.00	293.60	5000.00	302.93	0.00	305.17	153.40	12.73	523.30	403.70
201500.000	150.00	0.00	0.00	293.60	6400.00	304.14	0.00	306.73	152.86	13.86	645.09	517.65
201500.000	150.00	0.00	0.00	293.60	10200.00	306.68	306.09	309.92	152.31	16.10	954.06	626.49
202900.000	1400.00	0.00	0.00	315.00	2470.00	321.42	0.00	322.70	147.84	9.54	324.14	203.14
202900.000	1400.00	0.00	0.00	315.00	5000.00	324.12	0.00	326.07	144.87	12.17	553.35	415.41
202900.000	1400.00	0.00	0.00	315.00	6400.00	325.31	0.00	327.58	148.79	13.28	666.00	531.67
202900.000	1400.00	0.00	0.00	315.00	10200.00	327.94	0.00	331.01	148.70	15.79	937.90	636.47
203000.000	100.00	0.00	0.00	315.70	2470.00	322.97	0.00	323.87	89.01	8.10	391.97	261.81
203000.000	100.00	0.00	0.00	315.70	5000.00	325.82	0.00	327.28	95.26	10.63	647.50	512.29
203000.000	100.00	0.00	0.00	315.70	6400.00	327.09	0.00	328.81	97.23	11.68	773.80	649.05
203000.000	100.00	0.00	0.00	315.70	10200.00	329.96	0.00	332.30	100.94	13.93	1087.37	1015.24
203200.000	200.00	0.00	0.00	317.05	2470.00	324.70	0.00	325.48	72.17	7.57	423.88	290.74
203200.000	200.00	0.00	0.00	317.05	5000.00	327.75	0.00	329.00	76.20	9.89	704.18	572.78
203200.000	200.00	0.00	0.00	317.05	6400.00	329.10	0.00	330.57	77.76	10.86	842.05	725.76
203200.000	200.00	0.00	0.00	317.05	10200.00	332.14	0.00	334.13	80.48	12.93	1185.63	1136.99
205360.000	2160.00	0.00	0.00	331.90	2370.00	339.76	0.00	340.48	66.79	7.34	464.37	290.01
205360.000	2160.00	0.00	0.00	331.90	4750.00	342.77	0.00	343.66	60.22	8.76	898.55	612.11
205360.000	2160.00	0.00	0.00	331.90	6100.00	344.09	0.00	345.04	57.50	9.30	1140.79	804.45
205360.000	2160.00	0.00	0.00	331.90	9800.00	347.09	0.00	348.14	52.33	10.34	1753.72	1354.74
205410.000	50.00	0.00	0.00	335.50	2370.00	340.23	0.00	340.67	18.12	5.87	701.56	556.80
205410.000	50.00	0.00	0.00	335.50	4750.00	343.26	0.00	343.81	12.15	6.72	1374.21	1362.81
205410.000	50.00	0.00	0.00	335.50	6100.00	344.56	0.00	345.18	11.37	7.21	1706.94	1809.27
205410.000	50.00	0.00	0.00	335.50	9800.00	347.49	0.00	348.26	10.31	8.29	2546.20	3052.51

SECNO	XLCH	ELTRD	ELLC	ELMIN	D	CWSEL	CRWS	EG	10K+S	VCH	AREA	OLK
205500.000	90.00	0.00	0.00	332.90	2370.00	340.21	0.00	341.12	90.76	8.13	803.00	208.77
205500.000	90.00	0.00	0.00	332.90	4750.00	343.08	0.00	344.21	80.99	9.74	788.90	527.81
205500.000	90.00	0.00	0.00	332.90	6100.00	344.37	0.00	345.56	76.37	10.28	1009.53	698.00
205500.000	90.00	0.00	0.00	332.90	9800.00	347.33	0.00	348.60	66.50	11.26	1591.60	1201.78
205930.000	430.00	0.00	0.00	335.10	2370.00	343.44	0.00	344.03	51.18	6.71	523.68	331.28
205930.000	430.00	0.00	0.00	335.10	4750.00	346.23	0.00	347.05	53.50	8.42	947.30	649.39
205930.000	430.00	0.00	0.00	335.10	6100.00	347.44	0.00	348.34	54.23	9.11	1169.48	828.33
205930.000	430.00	0.00	0.00	335.10	9800.00	350.13	0.00	351.22	55.05	10.53	1718.18	1320.80
206300.000	370.00	0.00	0.00	337.00	2370.00	345.02	0.00	346.16	62.64	7.32	417.09	299.06
206300.000	370.00	0.00	0.00	337.00	4750.00	348.24	0.00	349.51	75.08	9.93	671.59	548.19
206300.000	370.00	0.00	0.00	337.00	6100.00	349.41	0.00	350.98	81.92	11.14	791.76	673.95
206300.000	370.00	0.00	0.00	337.00	9800.00	351.94	0.00	354.19	94.72	13.69	1090.42	1006.94
207200.000	900.00	0.00	0.00	341.60	2370.00	350.51	0.00	351.22	50.66	7.00	411.47	332.97
207200.000	900.00	0.00	0.00	341.60	4750.00	354.03	0.00	355.16	51.88	8.97	729.59	659.49
207200.000	900.00	0.00	0.00	341.60	6100.00	355.59	0.00	356.82	52.05	9.77	906.50	845.50
207200.000	900.00	0.00	0.00	341.60	9800.00	358.95	0.00	360.53	53.02	11.49	1361.87	1300.89
212060.000	4860.00	0.00	0.00	366.30	2160.00	370.63	0.00	375.10	47.05	6.29	570.93	513.58
212060.000	4860.00	0.00	0.00	366.30	4300.00	377.29	0.00	377.80	41.62	7.24	1198.46	666.52
212060.000	4860.00	0.00	0.00	366.30	5600.00	378.42	0.00	378.93	39.41	7.57	1584.52	892.03
212060.000	4860.00	0.00	0.00	366.30	9150.00	380.94	0.00	381.43	34.57	8.13	2556.28	1556.51
213465.000	1405.00	0.00	0.00	371.50	2160.00	380.27	0.00	380.66	33.47	5.30	550.85	373.38
213465.000	1405.00	0.00	0.00	371.50	4300.00	382.79	0.00	383.37	37.53	6.83	984.36	701.88
213465.000	1405.00	0.00	0.00	371.50	5600.00	383.88	0.00	384.56	40.08	7.57	1213.69	884.59
213465.000	1405.00	0.00	0.00	371.50	9150.00	386.19	0.00	387.09	45.41	9.14	1780.03	1357.76
213515.000	50.00	0.00	0.00	371.60	2160.00	380.36	0.00	380.90	43.68	5.07	368.06	326.33
213515.000	50.00	0.00	0.00	371.60	4300.00	382.56	0.00	383.83	75.19	8.98	479.00	495.96
213515.000	50.00	0.00	0.00	371.60	5600.00	384.11	0.00	384.76	38.04	7.43	1242.56	907.99
213515.000	50.00	0.00	0.00	371.60	9150.00	386.46	0.00	387.32	42.84	8.96	1826.63	1397.94
213526.000	11.00	385.40	383.60	371.60	2160.00	380.49	0.00	381.01	41.25	5.76	374.71	336.52
213526.000	11.00	385.40	383.60	371.60	4300.00	383.08	0.00	384.21	63.90	8.52	500.02	537.74
213526.000	11.00	385.40	383.60	371.60	5600.00	386.07	0.00	386.54	22.11	6.32	1453.40	1191.03
213526.000	11.00	385.40	383.60	371.60	9150.00	388.86	0.00	389.49	25.12	7.66	2135.43	1825.46
213545.000	19.00	0.00	0.00	371.50	2160.00	380.72	0.00	381.08	27.88	5.04	550.39	409.10
213545.000	19.00	0.00	0.00	371.50	4300.00	383.85	0.00	384.55	27.80	6.30	1029.54	815.59
213545.000	19.00	0.00	0.00	371.50	5600.00	386.13	0.00	386.58	21.00	6.21	1487.59	1221.96
213545.000	19.00	0.00	0.00	371.50	9150.00	388.93	0.00	389.54	24.02	7.54	2178.92	1867.10
213690.000	145.00	0.00	0.00	370.90	2160.00	381.17	0.00	381.39	15.23	4.02	722.32	553.48
213690.000	145.00	0.00	0.00	370.90	4300.00	384.33	0.00	384.68	17.68	5.29	1193.41	1022.53
213690.000	145.00	0.00	0.00	370.90	5600.00	386.49	0.00	386.85	15.32	5.49	1551.06	1430.96
213690.000	145.00	0.00	0.00	370.90	9150.00	389.31	0.00	389.86	19.60	7.00	2056.95	2066.63
213800.000	110.00	0.00	0.00	371.30	2160.00	381.33	0.00	381.57	16.96	4.17	690.11	524.55
213800.000	110.00	0.00	0.00	371.30	4300.00	384.52	0.00	384.89	19.01	5.43	1159.68	986.11
213800.000	110.00	0.00	0.00	371.30	5600.00	386.65	0.00	387.03	16.41	5.62	1510.18	1322.57
213800.000	110.00	0.00	0.00	371.30	9150.00	389.52	0.00	390.09	20.53	7.11	2020.86	2019.36

SEENO	XLEN	ELTRD	ELLC	ELHIV	D	EWSEL	CHWS	EG	10K*5	VCH	AREA	.01K
214000.000	200.00	0.00	0.00	372.00	2100.00	381.68	0.00	381.95	20.02	4.41	612.61	482.77
214000.000	200.00	0.00	0.00	372.00	4300.00	384.90	0.00	385.30	21.32	5.64	1108.20	931.32
214000.000	200.00	0.00	0.00	372.00	5600.00	386.98	0.00	387.39	18.38	5.84	1445.36	1306.31
214000.000	200.00	0.00	0.00	372.00	9150.00	389.92	0.00	390.52	22.08	7.29	1965.38	1947.24
214300.000	300.00	0.00	0.00	373.10	2100.00	382.31	0.00	382.64	25.13	4.76	581.77	430.70
214300.000	300.00	0.00	0.00	373.10	4300.00	385.50	0.00	387.01	24.96	5.95	1040.17	860.77
214300.000	300.00	0.00	0.00	373.10	5600.00	387.54	0.00	388.00	21.64	6.17	1356.39	1203.82
214300.000	300.00	0.00	0.00	373.10	9150.00	390.50	0.00	391.24	24.60	7.56	1885.57	1844.64
215000.000	700.00	0.00	0.00	375.60	2000.00	384.19	0.00	384.49	27.93	4.73	586.13	378.02
215000.000	700.00	0.00	0.00	375.60	4000.00	387.38	0.00	387.79	25.68	5.81	1021.69	789.27
215000.000	700.00	0.00	0.00	375.60	5170.00	389.13	0.00	389.57	23.12	6.12	1285.25	1075.14
215000.000	700.00	0.00	0.00	375.60	8700.00	392.37	0.00	392.99	25.38	7.51	1820.38	1726.87
215900.000	900.00	0.00	0.00	373.90	2000.00	386.94	0.00	387.39	36.46	5.42	387.22	331.21
215900.000	900.00	0.00	0.00	373.90	4000.00	390.02	0.00	390.85	42.80	7.42	610.22	611.39
215900.000	900.00	0.00	0.00	373.90	5170.00	391.53	0.00	392.52	43.52	8.19	842.82	783.05
215900.000	900.00	0.00	0.00	373.90	8700.00	394.86	0.00	396.31	46.43	10.18	1115.74	1250.11
218310.000	2410.00	0.00	0.00	387.70	2000.00	395.57	0.00	395.95	34.56	5.16	503.03	340.19
218310.000	2410.00	0.00	0.00	387.70	4000.00	398.73	0.00	399.17	28.24	5.97	1030.84	752.66
218310.000	2410.00	0.00	0.00	387.70	5170.00	400.19	0.00	400.66	26.69	6.30	1290.79	1000.81
218310.000	2410.00	0.00	0.00	387.70	8700.00	403.82	0.00	404.37	24.03	7.20	2013.96	1774.82
221050.000	2740.00	0.00	0.00	393.20	2000.00	402.45	0.00	402.68	18.25	4.19	710.03	468.18
221050.000	2740.00	0.00	0.00	393.20	4000.00	405.30	0.00	405.62	19.80	5.29	1319.30	890.99
221050.000	2740.00	0.00	0.00	393.20	5170.00	406.60	0.00	406.95	19.88	5.70	1667.68	1159.56
221050.000	2740.00	0.00	0.00	393.20	8700.00	409.83	0.00	410.22	19.00	5.88	2715.23	1996.10
221091.000	41.00	0.00	0.00	393.30	2000.00	402.52	0.00	402.76	21.66	3.94	507.62	429.72
221091.000	41.00	0.00	0.00	393.30	4000.00	405.44	0.00	405.70	16.84	4.44	1331.20	874.61
221091.000	41.00	0.00	0.00	393.30	5170.00	406.75	0.00	407.03	16.65	4.81	1680.31	1267.13
221091.000	41.00	0.00	0.00	393.30	8700.00	409.96	0.00	410.30	15.75	5.56	2724.92	2191.90
221109.000	18.00	404.10	403.10	392.60	2000.00	402.54	0.00	402.77	21.37	3.88	516.08	432.63
221109.000	18.00	404.10	403.10	392.60	4000.00	405.97	0.00	406.15	12.01	3.83	1738.44	1154.31
221109.000	18.00	404.10	403.10	392.60	5170.00	407.06	0.00	407.26	12.44	4.17	2124.07	1465.98
221109.000	18.00	404.10	403.10	392.60	8700.00	410.12	0.00	410.35	11.62	4.73	3258.90	2351.97
221230.000	121.00	0.00	0.00	392.60	2000.00	402.77	0.00	403.00	16.44	4.08	737.33	493.31
221230.000	121.00	0.00	0.00	392.60	4000.00	406.10	0.00	406.31	12.82	4.42	1778.40	1117.21
221230.000	121.00	0.00	0.00	392.60	5170.00	407.20	0.00	407.42	13.45	4.79	2168.16	1409.50
221230.000	121.00	0.00	0.00	392.60	8700.00	410.26	0.00	410.50	12.90	5.36	3305.97	2422.21
223400.000	2170.00	0.00	0.00	396.00	2000.00	406.10	0.00	406.30	14.11	3.86	681.42	532.42
223400.000	2170.00	0.00	0.00	396.00	4000.00	409.24	0.00	409.59	17.58	5.26	1077.14	953.93
223400.000	2170.00	0.00	0.00	396.00	5170.00	410.54	0.00	410.98	19.60	5.94	1262.37	1167.75
223400.000	2170.00	0.00	0.00	396.00	8700.00	413.66	0.00	414.29	23.24	7.43	1888.63	1804.81
225500.000	2100.00	0.00	0.00	399.20	1670.00	406.91	0.00	409.09	12.40	3.55	565.31	474.28
225500.000	2100.00	0.00	0.00	399.20	3250.00	412.46	0.00	412.72	12.54	4.44	1017.49	925.07
225500.000	2100.00	0.00	0.00	399.20	4250.00	414.04	0.00	414.36	12.84	4.91	1265.76	1186.21
225500.000	2100.00	0.00	0.00	399.20	7300.00	417.72	0.00	418.15	14.14	6.03	1949.53	1941.05

SECNO	YLGH	ELTRD	ELLC	ELNTN	D	CSSEL	CRWS	EG	10K*5	VCH	AREA	01K
225900.000	400.00	0.00	0.00	401.60	1670.00	409.53	0.00	409.85	28.25	4.60	397.16	314.21
225900.000	400.00	0.00	0.00	401.60	3250.00	413.01	0.00	413.44	23.77	5.53	763.81	666.62
225900.000	400.00	0.00	0.00	401.60	4250.00	414.60	0.00	415.08	23.04	5.93	979.19	885.08
225900.000	400.00	0.00	0.00	401.60	7300.00	418.29	0.00	418.91	22.51	7.07	1590.34	1538.48
227300.000	1400.00	0.00	0.00	410.10	1650.00	415.95	414.46	416.72	100.72	7.17	261.95	164.41
227300.000	1400.00	0.00	0.00	410.10	3200.00	418.34	0.00	419.42	90.23	8.79	481.90	336.87
227300.000	1400.00	0.00	0.00	410.10	4150.00	419.60	0.00	420.77	82.66	9.33	628.64	456.46
227300.000	1400.00	0.00	0.00	410.10	7250.00	422.85	0.00	424.13	66.29	10.33	1103.09	890.46
227340.000	40.00	0.00	0.00	410.30	1650.00	415.87	0.00	417.70	320.58	10.46	151.95	92.15
* 227340.000	40.00	0.00	0.00	410.30	3200.00	417.87	417.87	420.93	323.25	14.03	228.09	177.98
* 227340.000	40.00	0.00	0.00	410.30	4150.00	419.01	419.01	422.65	312.75	15.29	271.37	230.67
227340.000	40.00	0.00	0.00	410.30	7250.00	423.03	0.00	424.49	90.78	11.53	1055.08	760.93
* 227360.000	20.00	423.40	422.10	410.80	1650.00	417.52	0.00	418.33	110.93	7.60	279.67	156.66
* 227360.000	20.00	423.40	422.10	410.80	3200.00	420.75	0.00	421.51	61.53	7.80	635.30	407.94
* 227360.000	20.00	423.40	422.10	410.80	4150.00	422.36	0.00	423.06	48.15	7.80	866.39	598.09
* 227360.000	20.00	423.40	422.10	410.80	7250.00	426.82	0.00	427.41	29.21	7.77	1683.13	1301.52
227380.000	20.00	0.00	0.00	411.30	1650.00	417.65	0.00	418.63	145.35	8.29	209.69	136.86
227380.000	20.00	0.00	0.00	411.30	3200.00	420.78	0.00	421.70	78.67	8.53	573.48	360.78
227380.000	20.00	0.00	0.00	411.30	4150.00	422.38	0.00	423.21	59.69	8.40	793.76	537.14
227380.000	20.00	0.00	0.00	411.30	7250.00	426.82	0.00	427.50	34.05	8.19	1579.73	1242.38
227470.000	90.00	0.00	0.00	413.60	1650.00	419.10	0.00	419.63	80.65	6.43	383.67	183.73
227470.000	90.00	0.00	0.00	413.60	3200.00	421.81	0.00	422.30	48.93	6.69	835.67	457.48
227470.000	90.00	0.00	0.00	413.60	4150.00	423.23	0.00	423.67	38.33	6.65	1140.68	670.31
227470.000	90.00	0.00	0.00	413.60	7250.00	427.42	0.00	427.77	21.43	6.38	2147.65	1566.01
227600.000	150.00	0.00	0.00	414.55	1650.00	420.14	0.00	420.65	74.97	6.27	396.01	190.56
227600.000	150.00	0.00	0.00	414.55	3200.00	422.45	0.00	423.02	58.98	7.14	773.36	416.67
227600.000	150.00	0.00	0.00	414.55	4150.00	423.72	0.00	424.26	48.40	7.20	1039.62	596.51
227600.000	150.00	0.00	0.00	414.55	7250.00	427.68	0.00	428.10	27.11	6.93	1972.76	1392.51
227850.000	250.00	0.00	0.00	416.40	1650.00	422.01	0.00	422.51	74.05	6.25	398.14	191.74
227850.000	250.00	0.00	0.00	416.40	3200.00	424.00	0.00	424.66	71.06	7.63	716.40	379.61
227850.000	250.00	0.00	0.00	416.40	4150.00	425.01	0.00	425.70	65.33	8.00	920.12	513.45
227850.000	250.00	0.00	0.00	416.40	7250.00	428.39	0.00	428.98	41.39	8.04	1691.12	1126.85
228100.000	250.00	0.00	0.00	418.25	1650.00	423.86	0.00	424.36	73.80	6.24	398.74	192.07
228100.000	250.00	0.00	0.00	418.25	3200.00	425.79	0.00	426.47	73.62	7.72	706.14	372.95
228100.000	250.00	0.00	0.00	418.25	4150.00	426.69	0.00	427.43	72.11	8.28	883.04	488.71
228100.000	250.00	0.00	0.00	418.25	7250.00	429.47	0.00	430.23	56.58	8.97	1507.76	963.86
228600.000	500.00	0.00	0.00	421.95	1650.00	427.56	0.00	428.06	74.32	6.25	397.52	191.39
228600.000	500.00	0.00	0.00	421.95	3200.00	429.48	0.00	430.17	74.19	7.74	703.93	371.52
228600.000	500.00	0.00	0.00	421.95	4150.00	430.34	0.00	431.10	74.33	8.37	871.93	481.37
228600.000	500.00	0.00	0.00	421.95	7250.00	432.56	0.00	433.50	73.77	9.85	1364.58	844.12
232400.000	3800.00	0.00	0.00	450.00	1560.00	456.63	0.00	457.33	79.70	6.60	248.05	174.75
232400.000	3800.00	0.00	0.00	450.00	3040.00	459.06	0.00	460.22	83.91	8.87	408.45	331.86
232400.000	3800.00	0.00	0.00	450.00	3950.00	460.23	0.00	461.62	86.27	9.84	498.76	425.26
232400.000	3800.00	0.00	0.00	450.00	6900.00	463.07	0.00	465.07	92.79	12.20	773.43	716.30

SECNO	XLCH	ELTRD	ELLC	ELTIN	O	CWSEL	CRINS	EC	10K+S	VCH	AREA	01K
232454.000	54.00	0.00	0.00	450.10	1560.00	457.32	0.00	457.50	9.80	3.40	458.57	407.34
232454.000	54.00	0.00	0.00	450.10	3040.00	460.15	0.00	460.43	10.18	4.19	725.22	452.75
232454.000	54.00	0.00	0.00	450.10	3950.00	461.53	0.00	461.85	10.29	4.53	871.14	1231.41
232454.000	54.00	0.00	0.00	450.10	6900.00	464.90	0.00	465.36	10.97	5.42	1273.24	2083.73
232455.000	1.00	477.50	475.50	450.20	1560.00	457.16	0.00	457.57	22.31	5.14	303.79	330.27
232455.000	1.00	477.50	475.50	450.20	3040.00	459.91	0.00	460.53	25.42	6.35	478.91	603.00
232455.000	1.00	477.50	475.50	450.20	3950.00	461.23	0.00	461.98	27.34	6.93	569.75	755.46
232455.000	1.00	477.50	475.50	450.20	6900.00	464.60	0.00	465.49	36.41	7.58	916.81	1143.52
232465.000	20.00	477.50	475.50	450.20	1560.00	457.21	0.00	457.62	21.69	5.08	306.99	330.95
232465.000	20.00	477.50	475.50	450.20	3040.00	459.97	0.00	460.58	24.86	6.29	483.02	609.75
232465.000	20.00	477.50	475.50	450.20	3950.00	461.30	0.00	462.03	26.77	6.88	574.02	763.47
232465.000	20.00	477.50	475.50	450.20	6900.00	464.69	0.00	465.36	35.25	7.48	922.50	1162.22
232466.000	1.00	0.00	0.00	450.10	1560.00	457.47	0.00	457.64	9.09	3.31	471.51	517.56
232466.000	1.00	0.00	0.00	450.10	3040.00	460.36	0.00	460.62	9.36	4.07	746.79	992.75
232466.000	1.00	0.00	0.00	450.10	3950.00	461.78	0.00	462.08	9.44	4.40	898.33	1285.30
232466.000	1.00	0.00	0.00	450.10	6900.00	465.18	0.00	465.61	10.09	5.27	1309.52	2172.60
232500.000	35.00	0.00	0.00	450.60	1560.00	457.17	0.00	457.87	78.69	6.77	251.53	175.86
232500.000	35.00	0.00	0.00	450.60	3040.00	459.89	0.00	460.93	72.61	8.46	440.03	356.27
232500.000	35.00	0.00	0.00	450.60	3950.00	461.24	0.00	462.41	69.06	9.11	556.28	475.33
232500.000	35.00	0.00	0.00	450.60	6900.00	464.47	0.00	466.02	67.91	10.93	905.63	837.32
232770.000	270.00	0.00	0.00	452.30	1560.00	459.10	0.00	459.59	51.44	5.79	329.06	217.50
232770.000	270.00	0.00	0.00	452.30	3040.00	461.88	0.00	462.52	46.77	7.02	614.27	444.53
232770.000	270.00	0.00	0.00	452.30	3950.00	463.23	0.00	463.94	45.03	7.54	780.89	588.61
232770.000	270.00	0.00	0.00	452.30	6900.00	466.63	0.00	467.52	42.82	8.86	1280.17	1054.40
234440.000	2070.00	0.00	0.00	455.50	1520.00	464.27	0.00	464.36	12.70	3.18	1259.00	426.60
234440.000	2070.00	0.00	0.00	455.50	2950.00	466.15	0.00	466.21	8.96	3.10	2543.61	985.29
234440.000	2070.00	0.00	0.00	455.50	3820.00	467.16	0.00	467.22	7.62	3.05	3250.48	1383.89
234440.000	2070.00	0.00	0.00	455.50	6700.00	470.05	0.00	470.09	5.46	3.04	5341.60	2866.76
236100.000	1260.00	0.00	0.00	450.90	1520.00	465.61	0.00	465.67	8.57	2.68	1282.83	519.11
236100.000	1260.00	0.00	0.00	450.90	2950.00	467.36	0.00	467.40	10.52	3.40	2035.75	909.55
236100.000	1260.00	0.00	0.00	450.90	3820.00	468.27	0.00	468.36	10.75	3.65	2486.57	1165.35
236100.000	1260.00	0.00	0.00	450.90	6700.00	470.91	0.00	471.00	9.60	4.01	4007.26	2162.98
236129.000	29.00	0.00	0.00	457.00	1520.00	465.58	0.00	465.73	17.60	3.13	484.92	362.34
236129.000	29.00	0.00	0.00	457.00	2950.00	467.23	0.00	467.57	27.52	4.67	631.88	562.32
236129.000	29.00	0.00	0.00	457.00	3820.00	468.07	0.00	468.52	31.87	5.41	706.55	676.63
236129.000	29.00	0.00	0.00	457.00	6700.00	470.94	0.00	471.03	7.55	3.25	4018.78	2438.16
236152.000	23.00	470.50	468.40	457.00	1520.00	465.02	0.00	465.77	17.12	3.11	488.91	367.31
236152.000	23.00	470.50	468.40	457.00	2950.00	467.33	0.00	467.66	26.23	4.60	641.12	576.01
236152.000	23.00	470.50	468.40	457.00	3820.00	468.81	0.00	469.19	23.73	4.95	772.48	784.24
236152.000	23.00	470.50	468.40	457.00	6700.00	472.36	0.00	472.41	4.29	2.66	4925.83	3233.58
236190.000	38.00	0.00	0.00	457.20	1520.00	465.78	0.00	465.82	6.61	2.36	1552.32	591.14
236190.000	38.00	0.00	0.00	457.20	2950.00	467.69	0.00	467.73	7.07	2.82	2541.67	1109.52
236190.000	38.00	0.00	0.00	457.20	3820.00	469.22	0.00	469.26	5.30	2.69	3465.65	1659.60
236190.000	38.00	0.00	0.00	457.20	6700.00	472.39	0.00	472.43	4.09	2.79	5789.71	3310.92

SECNO	XLCH	ELTCD	ELLC	ELMIN	U	CNSEL	CRINS	EG	LOK+S	VCH	AREA	01K
236510.000	320.00	0.00	0.00	458.10	1520.00	466.03	0.00	466.26	28.71	4.51	602.93	283.70
236510.000	320.00	0.00	0.00	458.10	2950.00	467.96	0.00	468.18	26.29	5.08	1316.44	575.34
236510.000	320.00	0.00	0.00	458.10	3820.00	469.42	0.00	469.57	17.07	4.53	1998.59	924.59
236510.000	320.00	0.00	0.00	458.10	6700.00	472.54	0.00	472.65	10.97	4.32	3675.24	2022.84
237900.000	1390.00	0.00	0.00	460.50	1520.00	468.69	0.00	468.77	12.29	3.15	1221.09	433.53
237900.000	1390.00	0.00	0.00	460.50	2950.00	470.44	0.00	470.52	11.60	3.53	2081.33	866.30
237900.000	1390.00	0.00	0.00	460.50	3820.00	471.37	0.00	471.45	10.89	3.65	2555.38	1157.36
237900.000	1390.00	0.00	0.00	460.50	6700.00	473.98	0.00	473.96	9.38	3.95	3959.95	2187.63
239100.000	1200.00	0.00	0.00	462.70	1500.00	470.38	0.00	470.51	16.98	3.58	946.49	364.03
239100.000	1200.00	0.00	0.00	462.70	2930.00	472.10	0.00	472.24	17.73	4.23	1585.64	695.84
239100.000	1200.00	0.00	0.00	462.70	3790.00	473.96	0.00	473.10	17.52	4.48	1936.90	905.06
239100.000	1200.00	0.00	0.00	462.70	6600.00	475.37	0.00	475.53	16.03	4.98	3030.14	1640.26
239900.000	800.00	0.00	0.00	464.10	1330.00	471.42	0.00	471.46	8.42	2.42	1408.32	458.27
239900.000	800.00	0.00	0.00	464.10	2600.00	473.13	0.00	473.17	7.83	2.72	2341.72	929.09
239900.000	800.00	0.00	0.00	464.10	3190.00	473.92	0.00	473.98	7.00	2.74	2804.88	1206.00
239900.000	800.00	0.00	0.00	464.10	5900.00	476.32	0.00	476.38	7.13	3.23	4200.47	2209.02
240450.000	550.00	0.00	0.00	465.00	1330.00	471.89	0.00	471.93	8.48	2.30	1562.05	456.73
240450.000	550.00	0.00	0.00	465.00	2600.00	473.55	0.00	473.58	7.05	2.47	2694.51	978.90
240450.000	550.00	0.00	0.00	465.00	3190.00	474.32	0.00	474.35	6.19	2.46	3248.02	1282.01
240450.000	550.00	0.00	0.00	465.00	5900.00	476.67	0.00	476.73	5.71	2.79	5095.58	2468.15
241550.000	1100.00	0.00	0.00	467.00	1330.00	473.33	0.00	473.44	25.14	3.68	957.46	265.27
241550.000	1100.00	0.00	0.00	467.00	2600.00	474.73	0.00	474.83	20.15	3.83	1747.61	579.20
241550.000	1100.00	0.00	0.00	467.00	3190.00	475.36	0.00	475.44	17.77	3.81	2113.75	756.79
241550.000	1100.00	0.00	0.00	467.00	5900.00	477.60	0.00	477.68	13.95	4.01	3512.90	1579.44
241860.000	310.00	0.00	0.00	467.40	1330.00	474.16	0.00	474.41	36.28	4.63	515.26	220.82
241860.000	310.00	0.00	0.00	467.40	2600.00	475.47	0.00	475.84	49.45	6.15	836.92	369.75
241860.000	310.00	0.00	0.00	467.40	3190.00	476.00	0.00	476.41	51.14	6.56	980.14	446.09
241860.000	310.00	0.00	0.00	467.40	5900.00	478.07	0.00	478.55	52.32	7.74	1569.07	815.70
244350.000	2490.00	0.00	0.00	472.50	1250.00	480.89	0.00	481.10	20.33	4.22	560.28	277.21
244350.000	2490.00	0.00	0.00	472.50	2450.00	483.11	0.00	483.34	19.73	4.92	1114.60	551.61
244350.000	2490.00	0.00	0.00	472.50	3080.00	483.88	0.00	484.12	20.42	5.26	1337.41	681.56
244350.000	2490.00	0.00	0.00	472.50	5400.00	486.18	0.00	486.44	20.43	5.99	2083.81	1194.66
245400.000	1050.00	0.00	0.00	474.40	1250.00	483.02	0.00	483.20	19.62	3.91	572.91	282.18
245400.000	1050.00	0.00	0.00	474.40	2450.00	485.22	0.00	485.43	20.07	4.67	1065.59	546.82
245400.000	1050.00	0.00	0.00	474.40	3080.00	486.06	0.00	486.28	20.63	4.99	1290.49	678.16
245400.000	1050.00	0.00	0.00	474.40	5400.00	488.41	0.00	488.67	22.10	5.89	2034.91	1148.57
245438.000	38.00	0.00	0.00	474.40	1250.00	485.16	0.00	483.28	17.97	2.73	457.83	294.87
245438.000	38.00	0.00	0.00	474.40	2450.00	485.30	0.00	485.50	18.63	3.60	680.18	567.64
245438.000	38.00	0.00	0.00	474.40	3080.00	486.11	0.00	486.37	20.00	4.03	764.94	688.64
245438.000	38.00	0.00	0.00	474.40	5400.00	488.36	0.00	488.82	25.68	5.41	998.92	1065.55
245462.000	24.00	493.90	491.70	474.50	1250.00	483.18	0.00	483.31	21.33	2.87	435.01	270.68
245462.000	24.00	493.90	491.70	474.50	2450.00	485.33	0.00	485.54	20.67	3.72	658.76	538.86
245462.000	24.00	493.90	491.70	474.50	3080.00	486.15	0.00	486.41	21.86	4.14	743.93	658.78
245462.000	24.00	493.90	491.70	474.50	5400.00	488.43	0.00	488.90	27.05	5.51	980.87	1038.21

SENO	XLCH	ELTRD	ELLC	ELMIN	Q	GWSEL	GRWS	EG	10X+S	VCH	AREA	DLK
245500.000	38.00	0.00	0.00	474.50	1250.00	483.20	0.00	483.41	21.42	4.12	895.11	270.10
245500.000	38.00	0.00	0.00	474.50	2250.00	485.36	0.00	485.65	25.00	5.22	869.29	489.97
245500.000	38.00	0.00	0.00	474.50	3080.00	486.20	0.00	486.52	26.47	5.67	1041.98	598.68
245500.000	38.00	0.00	0.00	474.50	5400.00	488.60	0.00	489.01	29.65	6.85	1624.29	991.66
245630.000	130.00	0.00	0.00	474.50	1250.00	483.45	0.00	483.74	26.49	4.59	384.63	242.88
245630.000	130.00	0.00	0.00	474.50	2450.00	485.63	0.00	486.07	33.10	6.02	672.50	425.88
245630.000	130.00	0.00	0.00	474.50	3080.00	486.48	0.00	486.97	35.62	6.59	801.79	516.05
245630.000	130.00	0.00	0.00	474.50	5400.00	488.90	0.00	489.54	41.91	8.16	1224.07	833.41
246000.000	1170.00	0.00	0.00	478.00	1100.00	486.04	0.00	486.14	15.54	3.24	768.85	279.03
246000.000	1170.00	0.00	0.00	478.00	2170.00	488.25	0.00	488.33	11.74	3.37	1488.36	633.42
246000.000	1170.00	0.00	0.00	478.00	2810.00	489.17	0.00	489.25	11.46	3.55	1836.06	824.42
246000.000	1170.00	0.00	0.00	478.00	4920.00	491.71	0.00	491.79	10.02	3.85	2929.94	1554.22
246815.000	15.00	0.00	0.00	478.10	1100.00	486.09	0.00	486.16	21.39	3.17	760.78	237.84
246815.000	15.00	0.00	0.00	478.10	2170.00	488.29	0.00	488.35	14.32	3.14	1481.28	573.40
246815.000	15.00	0.00	0.00	478.10	2810.00	489.21	0.00	489.27	13.60	3.26	1830.62	761.88
246815.000	15.00	0.00	0.00	478.10	4920.00	491.74	0.00	491.81	11.31	3.07	2928.61	1462.69
246820.000	5.00	480.00	510.00	478.10	1100.00	486.06	0.00	486.19	25.02	4.52	700.61	219.91
246820.000	5.00	480.00	510.00	478.10	2170.00	488.27	0.00	488.37	14.19	4.48	1419.88	575.98
246820.000	5.00	480.00	510.00	478.10	2810.00	489.18	0.00	489.29	13.14	4.70	1767.06	775.17
246820.000	5.00	480.00	510.00	478.10	4920.00	491.71	0.00	491.83	10.59	5.13	2858.36	1511.92
246840.000	20.00	482.80	510.00	478.50	1100.00	486.12	0.00	486.24	23.62	4.42	717.80	226.33
246840.000	20.00	482.80	510.00	478.50	2170.00	488.30	0.00	488.40	13.75	4.02	1445.60	585.29
246840.000	20.00	482.80	510.00	478.50	2810.00	489.21	0.00	489.32	12.74	4.64	1800.21	787.28
246840.000	20.00	482.80	510.00	478.50	4920.00	491.74	0.00	491.85	10.26	5.06	2903.93	1535.63
246845.000	5.00	0.00	0.00	478.50	1100.00	486.20	0.00	486.26	20.63	3.02	788.58	242.20
246845.000	5.00	0.00	0.00	478.50	2170.00	488.36	0.00	488.41	14.05	3.03	1513.94	578.90
246845.000	5.00	0.00	0.00	478.50	2810.00	489.28	0.00	489.33	13.31	3.16	1871.33	770.50
246845.000	5.00	0.00	0.00	478.50	4920.00	491.80	0.00	491.86	11.02	3.36	2979.49	1481.95
246860.000	15.00	0.00	0.00	478.50	1100.00	486.21	0.00	486.29	14.47	3.10	813.04	289.16
246860.000	15.00	0.00	0.00	478.50	2170.00	488.36	0.00	488.43	11.27	3.29	1536.43	646.28
246860.000	15.00	0.00	0.00	478.50	2810.00	489.28	0.00	489.35	10.99	3.47	1893.76	847.52
246860.000	15.00	0.00	0.00	478.50	4920.00	491.80	0.00	491.88	9.59	3.77	3001.32	1588.70
247030.000	170.00	0.00	0.00	478.60	1100.00	486.45	0.00	486.54	15.04	3.23	810.94	283.69
247030.000	170.00	0.00	0.00	478.60	2170.00	488.55	0.00	488.62	11.05	3.29	1601.52	652.88
247030.000	170.00	0.00	0.00	478.60	2810.00	489.47	0.00	489.54	10.51	3.42	1984.95	866.60
247030.000	170.00	0.00	0.00	478.60	4920.00	491.97	0.00	492.04	9.02	3.67	3159.76	1638.23
250560.000	3530.00	0.00	0.00	487.10	1100.00	493.62	0.00	493.85	24.91	4.24	436.87	201.13
250560.000	3530.00	0.00	0.00	487.10	2170.00	495.07	0.00	495.43	40.23	5.70	763.42	342.12
250560.000	3530.00	0.00	0.00	487.10	2810.00	495.81	0.00	496.20	41.37	6.16	972.27	436.87
250560.000	3530.00	0.00	0.00	487.10	4920.00	497.67	0.00	498.11	42.42	7.16	1625.97	755.45
250618.000	58.00	0.00	0.00	487.30	1100.00	493.80	0.00	494.05	35.06	3.97	277.14	185.78
250618.000	58.00	0.00	0.00	487.30	2170.00	495.20	0.00	495.76	55.78	5.98	363.07	290.55
250618.000	58.00	0.00	0.00	487.30	2810.00	495.85	0.00	496.61	66.83	6.99	402.00	343.74
250618.000	58.00	0.00	0.00	487.30	4920.00	498.00	0.00	498.33	30.41	5.74	1739.33	892.14

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	GWSEL	CRWS	EG	10K+S	VCH	AREA	.01K
250643.000	25.00	498.50	496.80	487.40	1100.00	493.81	0.00	494.07	37.49	4.05	271.59	179.65
250643.000	25.00	498.50	496.80	487.40	2170.00	495.23	0.00	495.80	58.32	6.06	358.20	284.14
250643.000	25.00	498.50	496.80	487.40	2810.00	495.89	0.00	496.66	64.82	7.05	398.44	338.73
250643.000	25.00	498.50	496.80	487.40	4920.00	499.38	0.00	499.57	16.01	4.56	2311.86	1224.69
250680.000	37.00	0.00	0.00	487.60	1100.00	493.95	0.00	494.20	32.55	4.36	419.41	192.80
250680.000	37.00	0.00	0.00	487.60	2170.00	495.68	0.00	495.99	35.25	5.39	826.71	365.47
250680.000	37.00	0.00	0.00	487.60	2810.00	496.57	0.00	496.88	32.93	5.61	1102.18	489.66
250680.000	37.00	0.00	0.00	487.60	4920.00	499.42	0.00	499.64	20.94	5.43	2268.48	1075.29
250770.000	90.00	0.00	0.00	488.00	1090.00	494.21	0.00	494.61	53.16	5.25	264.29	149.50
250770.000	90.00	0.00	0.00	488.00	2150.00	495.89	0.00	496.50	64.23	6.93	492.78	268.27
250770.000	90.00	0.00	0.00	488.00	2790.00	496.75	0.00	497.36	60.59	7.27	741.42	358.43
250770.000	90.00	0.00	0.00	488.00	4900.00	499.56	0.00	499.91	31.69	6.45	1718.93	870.45

EAR N MARCH 78 III

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
190260.000	3500.00	259.00	0.00	0.00	0.00	2476.75	0.00
190260.000	9300.00	260.00	1.00	0.00	0.00	2650.00	0.00
190260.000	10500.00	260.30	0.30	0.00	0.00	2651.60	0.00
190260.000	15000.00	261.20	0.20	0.00	0.00	2716.40	0.00
191850.000	3150.00	260.10	0.00	1.16	0.00	1554.22	1590.00
191850.000	7400.00	262.20	2.10	2.20	0.00	1640.19	1590.00
191850.000	8700.00	262.53	0.33	2.23	0.00	1653.52	1590.00
191850.000	12300.00	263.23	0.71	2.03	0.00	1682.55	1590.00
194000.000	3150.00	264.44	0.00	4.34	0.00	752.15	2150.00
194000.000	7400.00	266.22	1.78	4.02	0.00	783.98	2150.00
194000.000	8700.00	266.72	0.50	4.19	0.00	792.99	2150.00
194000.000	12300.00	267.94	1.22	4.71	0.00	814.88	2150.00
194600.000	3150.00	264.97	0.00	0.53	0.00	231.73	600.00
194600.000	7400.00	267.12	2.16	0.91	0.00	291.06	600.00
194600.000	8700.00	267.66	0.50	0.95	0.00	305.84	600.00
194600.000	12300.00	268.96	1.30	1.02	0.00	341.69	600.00
194657.000	3150.00	265.69	0.00	0.72	0.00	121.00	57.00
194657.000	7400.00	268.09	2.80	1.37	0.00	328.55	57.00
194657.000	8700.00	269.12	0.62	1.45	0.00	345.67	57.00
194657.000	12300.00	270.58	1.07	1.62	0.00	404.36	57.00
194683.000	3150.00	265.71	0.00	0.02	0.00	121.00	26.00
194683.000	7400.00	269.08	3.37	0.58	0.00	121.00	26.00
194683.000	8700.00	270.15	1.07	1.03	0.00	372.95	26.00
194683.000	12300.00	271.32	1.17	0.73	0.00	442.19	26.00
194700.000	3150.00	265.76	0.00	0.06	0.00	297.57	17.00
194700.000	7400.00	269.60	3.80	0.53	0.00	390.53	17.00
194700.000	8700.00	270.18	0.57	0.03	0.00	411.61	17.00
194700.000	12300.00	271.38	1.20	0.06	0.00	491.27	17.00
195320.000	3150.00	268.11	0.00	1.70	0.00	264.21	620.00
195320.000	7400.00	271.56	3.45	1.95	0.00	340.17	620.00
195320.000	8700.00	272.27	0.71	2.09	0.00	355.90	620.00
195320.000	12300.00	273.86	1.59	2.48	0.00	378.56	620.00
197160.000	3100.00	274.59	0.00	6.48	0.00	539.26	1840.00
197160.000	7200.00	277.59	3.00	5.03	0.00	550.27	1840.00
197160.000	8500.00	278.32	0.73	5.05	0.00	553.01	1840.00
197160.000	12100.00	280.08	1.77	5.22	0.00	562.75	1840.00
197350.000	3100.00	277.27	0.00	0.69	0.00	398.85	190.00
197350.000	7200.00	278.12	2.85	0.54	0.00	547.49	190.00
197350.000	8500.00	278.83	0.71	0.51	0.00	550.10	190.00
197350.000	12100.00	280.57	1.74	0.48	0.00	556.49	190.00
198820.000	3100.00	284.67	0.00	9.39	0.00	356.03	1470.00
198820.000	7200.00	286.58	1.91	6.46	0.00	874.86	1470.00
198820.000	8500.00	286.98	0.40	6.14	0.00	903.51	1470.00
198820.000	12100.00	287.98	1.00	7.41	0.00	976.78	1470.00

SECNO	A	CWSEL	DIFWSP	DIFWXY	DIFKWS	TOPWID	VLCH
199000.000	3100.00	286.05	0.00	1.38	0.00	663.80	180.00
199000.000	7200.00	288.14	2.09	1.56	0.00	922.71	180.00
199000.000	8500.00	288.54	0.46	1.56	0.00	951.72	180.00
199000.000	12100.00	289.46	0.92	1.46	0.00	1019.39	180.00
199400.000	3100.00	288.14	0.00	2.10	0.00	726.34	400.00
199400.000	7200.00	290.13	1.90	1.90	0.00	929.44	400.00
199400.000	8500.00	290.58	0.45	2.04	0.00	961.83	400.00
199400.000	12100.00	291.11	1.03	2.15	0.00	1036.88	400.00
200730.000	2470.00	293.51	0.00	2.42	0.00	175.95	1330.00
200730.000	5000.00	296.01	2.45	2.88	0.00	205.54	1330.00
200730.000	6400.00	296.79	0.78	2.22	0.00	215.06	1330.00
200730.000	10200.00	298.51	1.72	2.90	0.00	235.55	1330.00
201200.000	2470.00	295.76	0.00	2.19	0.00	72.89	470.00
201200.000	5000.00	298.33	2.57	2.32	0.00	95.36	470.00
201200.000	6400.00	299.39	1.06	2.59	0.00	104.66	470.00
201200.000	10200.00	301.69	2.31	2.18	0.00	133.75	470.00
201350.000	2470.00	297.86	0.00	2.10	0.00	71.12	150.00
201350.000	5000.00	300.63	2.77	2.30	0.00	95.42	150.00
201350.000	6400.00	301.88	1.25	2.49	0.00	106.28	150.00
201350.000	10200.00	304.62	2.75	2.93	0.00	142.50	150.00
201500.000	2470.00	300.17	0.00	2.32	0.00	71.24	150.00
201500.000	5000.00	302.93	2.75	2.30	0.00	95.37	150.00
201500.000	6400.00	304.14	1.21	2.26	0.00	105.96	150.00
201500.000	10200.00	306.68	2.58	2.06	0.00	139.12	150.00
202900.000	2470.00	321.42	0.00	21.25	0.00	78.42	1400.00
202900.000	5000.00	324.12	2.70	21.20	0.00	91.50	1400.00
202900.000	6400.00	325.31	1.19	21.18	0.00	97.25	1400.00
202900.000	10200.00	327.94	2.63	21.28	0.00	110.00	1400.00
203000.000	2470.00	322.97	0.00	1.54	0.00	82.50	100.00
203000.000	5000.00	325.82	2.86	1.70	0.00	96.36	100.00
203000.000	6400.00	327.09	1.27	1.78	0.00	102.52	100.00
203000.000	10200.00	329.96	2.87	2.02	0.00	116.41	100.00
203200.000	2470.00	320.70	0.00	1.73	0.00	84.36	200.00
203200.000	5000.00	327.75	3.05	1.95	0.00	99.17	200.00
203200.000	6400.00	329.10	1.25	2.01	0.00	105.69	200.00
203200.000	10200.00	332.14	3.04	2.18	0.00	121.06	200.00
205360.000	2370.00	339.76	0.00	15.06	0.00	119.61	2160.00
205360.000	4750.00	342.77	3.01	15.02	0.00	176.02	2160.00
205360.000	6100.00	344.09	1.32	14.99	0.00	189.18	2160.00
205360.000	9800.00	347.09	3.00	14.95	0.00	218.99	2160.00
205410.000	2370.00	340.23	0.00	0.47	0.00	196.95	50.00
205410.000	4750.00	343.26	3.04	0.50	0.00	246.28	50.00
205410.000	6100.00	344.56	1.30	0.47	0.00	266.27	50.00
205410.000	9800.00	347.49	2.93	0.40	0.00	306.97	50.00

SECNO	U	CWSEL	DIFWSP	IFWSX	DIFKWS	TOPWID	XLGH
205500.000	2370.00	340.21	0.00	1.02	0.00	110.19	90.00
205500.000	4750.00	343.08	2.87	-0.18	0.00	157.61	90.00
205500.000	6100.00	344.37	1.29	0.19	0.00	107.17	90.00
205500.000	9800.00	347.33	2.96	-0.16	0.00	211.52	90.00
205930.000	2370.00	343.44	0.00	5.22	0.00	127.70	430.00
205930.000	4750.00	346.23	2.40	0.15	0.00	178.75	430.00
205930.000	6100.00	347.44	1.20	5.07	0.00	190.68	430.00
205930.000	9800.00	350.13	2.69	0.79	0.00	217.37	430.00
206300.000	2370.00	345.42	0.00	1.99	0.00	81.30	370.00
206300.000	4750.00	348.24	2.82	2.00	0.00	98.96	370.00
206300.000	6100.00	349.41	1.17	1.97	0.00	106.29	370.00
206300.000	9800.00	351.94	2.53	1.82	0.00	131.39	370.00
207200.000	2370.00	350.51	0.00	0.09	0.00	74.59	900.00
207200.000	4750.00	354.03	3.52	0.79	0.00	106.25	900.00
207200.000	6100.00	355.59	1.56	0.18	0.00	120.31	900.00
207200.000	9800.00	358.95	2.36	0.01	0.00	150.57	900.00
212060.000	2160.00	370.63	0.00	24.12	0.00	170.04	4860.00
212060.000	4300.00	377.29	2.66	25.26	0.00	326.89	4860.00
212060.000	5600.00	378.02	1.13	22.83	0.00	355.54	4860.00
212060.000	9150.00	380.94	2.51	21.98	0.00	418.16	4860.00
213465.000	2160.00	380.27	0.00	5.64	0.00	145.64	1405.00
213465.000	4300.00	382.79	2.52	5.10	0.00	198.54	1405.00
213465.000	5600.00	383.88	1.09	5.46	0.00	221.47	1405.00
213465.000	9150.00	386.19	2.31	5.25	0.00	269.88	1405.00
213515.000	2160.00	380.30	0.00	0.09	0.00	50.00	50.00
213515.000	4300.00	382.58	2.22	-0.21	0.00	50.00	50.00
213515.000	5600.00	384.11	1.53	0.23	0.00	224.19	50.00
213515.000	9150.00	386.46	2.35	0.27	0.00	273.48	50.00
213526.000	2160.00	380.49	0.00	0.13	0.00	50.00	11.00
213526.000	4300.00	383.00	2.59	0.51	0.00	50.00	11.00
213526.000	5600.00	386.07	2.99	1.96	0.00	219.29	11.00
213526.000	9150.00	388.86	2.79	0.40	0.00	269.52	11.00
213545.000	2160.00	380.72	0.00	0.23	0.00	124.82	19.00
213545.000	4300.00	383.85	3.12	0.76	0.00	181.19	19.00
213545.000	5600.00	386.13	2.28	0.06	0.00	222.08	19.00
213545.000	9150.00	388.93	2.80	0.07	0.00	272.41	19.00
213690.000	2160.00	381.17	0.00	0.45	0.00	137.12	145.00
213690.000	4300.00	384.33	3.17	0.09	0.00	159.50	145.00
213690.000	5600.00	386.49	2.10	0.36	0.00	171.71	145.00
213690.000	9150.00	389.31	2.82	0.38	0.00	187.60	145.00
213800.000	2160.00	381.33	0.00	0.16	0.00	135.35	110.00
213800.000	4300.00	384.52	3.19	0.19	0.00	158.30	110.00
213800.000	5600.00	386.65	2.13	0.16	0.00	170.56	110.00
213800.000	9150.00	389.52	2.86	0.21	0.00	186.55	110.00

SECNO	D	CWSEL	DIFWSP	DIFWGX	DIFKWS	TOPWID	XLCH
214000.000	2160.00	381.68	0.00	0.35	0.00	132.69	200.00
214000.000	4300.00	384.90	3.22	0.38	0.00	156.45	200.00
214000.000	5600.00	386.98	2.00	0.32	0.00	160.20	200.00
214000.000	9150.00	389.92	2.94	0.40	0.00	184.86	200.00
214300.000	2160.00	382.31	0.00	0.64	0.00	129.21	300.00
214300.000	4300.00	385.56	3.24	0.66	0.00	153.51	300.00
214300.000	5600.00	387.54	1.98	0.56	0.00	165.18	300.00
214300.000	9150.00	390.58	3.04	0.66	0.00	182.40	300.00
215000.000	2000.00	380.19	0.00	1.88	0.00	127.12	700.00
215000.000	4000.00	387.38	3.19	1.82	0.00	145.44	700.00
215000.000	5170.00	389.13	1.75	1.59	0.00	155.18	700.00
215000.000	8700.00	392.37	3.23	1.78	0.00	176.57	700.00
215900.000	2000.00	386.94	0.00	2.75	0.00	64.71	900.00
215900.000	4000.00	390.02	3.08	2.60	0.00	80.21	900.00
215900.000	5170.00	391.53	1.51	2.40	0.00	95.32	900.00
215900.000	8700.00	394.86	3.53	2.50	0.00	128.63	900.00
218310.000	2000.00	395.57	0.00	3.63	0.00	155.94	2410.00
218310.000	4000.00	398.73	3.16	3.71	0.00	176.73	2410.00
218310.000	5170.00	400.19	1.45	3.66	0.00	186.24	2410.00
218310.000	8700.00	403.82	3.63	3.95	0.00	209.97	2410.00
221050.000	2000.00	402.45	0.00	6.88	0.00	177.44	2740.00
221050.000	4000.00	405.30	2.85	6.57	0.00	250.11	2740.00
221050.000	5170.00	406.60	1.31	6.42	0.00	283.42	2740.00
221050.000	8700.00	409.83	3.23	6.02	0.00	365.72	2740.00
221091.000	2000.00	402.52	0.00	6.07	0.00	76.00	41.00
221091.000	4000.00	405.44	2.92	5.14	0.00	251.25	41.00
221091.000	5170.00	406.75	1.30	6.14	0.00	284.08	41.00
221091.000	8700.00	409.96	3.21	6.12	0.00	366.34	41.00
221109.000	2000.00	402.54	0.00	0.01	0.00	76.00	18.00
221109.000	4000.00	405.97	3.04	0.53	0.00	309.12	18.00
221109.000	5170.00	407.06	1.09	0.32	0.00	358.40	18.00
221109.000	8700.00	410.12	3.06	0.17	0.00	383.04	18.00
221230.000	2000.00	402.77	0.00	0.23	0.00	277.60	121.00
221230.000	4000.00	406.10	3.34	0.13	0.00	350.28	121.00
221230.000	5170.00	407.20	1.10	0.19	0.00	359.51	121.00
221230.000	8700.00	410.26	3.06	0.14	0.00	384.54	121.00
223400.000	2000.00	406.10	0.00	3.33	0.00	116.12	2170.00
223400.000	4000.00	409.20	3.10	3.13	0.00	135.33	2170.00
223400.000	5170.00	410.54	1.31	3.34	0.00	155.67	2170.00
223400.000	8700.00	413.66	3.12	3.00	0.00	206.08	2170.00
225500.000	1670.00	408.91	0.00	2.81	0.00	105.90	2100.00
225500.000	3250.00	412.46	3.55	3.22	0.00	147.57	2100.00
225500.000	4250.00	414.00	1.59	3.50	0.00	165.49	2100.00
225500.000	7300.00	417.72	3.67	3.06	0.00	206.96	2100.00

SECHO	Q	CWSEL	DIFWSP	IFWSX	DIFKWS	TOPWID	XLEN
225900.000	1670.00	409.53	0.00	0.62	0.00	83.37	400.00
225900.000	3250.00	413.01	3.48	0.55	0.00	126.66	400.00
225900.000	4250.00	414.60	1.59	0.55	0.00	144.60	400.00
225900.000	7300.00	418.29	3.69	0.57	0.00	186.34	400.00
227300.000	1650.00	415.95	0.00	0.42	0.00	76.40	1400.00
227300.000	3200.00	418.34	2.39	0.33	0.00	107.97	1400.00
227300.000	4150.00	419.60	1.26	0.00	0.00	124.66	1400.00
227300.000	7250.00	422.85	3.25	0.50	0.00	167.03	1400.00
227340.000	1650.00	415.87	0.00	0.00	0.00	38.00	40.00
* 227340.000	3200.00	417.87	2.00	-0.46	0.00	38.00	40.00
* 227340.000	4150.00	419.01	1.10	0.50	0.00	38.00	40.00
227340.000	7250.00	423.03	4.02	0.10	0.00	169.35	40.00
* 227360.000	1650.00	417.52	0.00	1.65	0.00	86.06	20.00
227360.000	3200.00	420.75	3.24	1.88	0.00	133.20	20.00
* 227360.000	4150.00	422.36	1.61	3.35	0.00	154.10	20.00
* 227360.000	7250.00	426.82	4.46	0.78	0.00	212.15	20.00
227380.000	1650.00	417.65	0.00	0.14	0.00	80.76	20.00
227380.000	3200.00	420.78	3.13	0.03	0.00	126.72	20.00
227380.000	4150.00	422.38	1.60	0.02	0.00	147.93	20.00
227380.000	7250.00	426.82	4.45	0.01	0.00	205.72	20.00
227470.000	1650.00	419.10	0.00	1.45	0.00	133.47	90.00
227470.000	3200.00	421.81	2.70	1.03	0.00	203.32	90.00
227470.000	4150.00	423.23	1.42	0.85	0.00	222.43	90.00
227470.000	7250.00	427.02	4.19	0.59	0.00	256.81	90.00
227600.000	1650.00	420.10	0.00	0.00	0.00	155.70	130.00
227600.000	3200.00	422.45	2.30	0.64	0.00	194.26	130.00
227600.000	4150.00	423.72	1.27	0.49	0.00	218.06	130.00
227600.000	7250.00	427.68	3.96	0.26	0.00	251.56	130.00
227850.000	1650.00	422.01	0.00	1.87	0.00	136.08	250.00
227850.000	3200.00	424.00	1.90	1.55	0.00	185.60	250.00
227850.000	4150.00	425.01	1.02	1.30	0.00	212.77	250.00
227850.000	7250.00	428.39	3.37	0.71	0.00	242.86	250.00
228100.000	1650.00	423.86	0.00	1.85	0.00	136.18	250.00
228100.000	3200.00	425.79	1.93	1.79	0.00	184.00	250.00
228100.000	4150.00	426.69	0.90	1.68	0.00	209.94	250.00
228100.000	7250.00	429.47	2.78	1.09	0.00	237.02	250.00
228600.000	1650.00	427.50	0.00	0.70	0.00	155.96	500.00
228600.000	3200.00	429.00	1.92	0.69	0.00	183.65	500.00
228600.000	4150.00	430.34	0.85	0.65	0.00	208.41	500.00
228600.000	7250.00	432.50	2.23	0.09	0.00	231.82	500.00
232400.000	1500.00	456.63	0.00	20.06	0.00	57.51	3800.00
232400.000	3040.00	459.06	2.43	20.58	0.00	73.80	3800.00
232400.000	3950.00	460.23	1.17	20.89	0.00	82.31	3800.00
232400.000	6900.00	463.07	2.84	30.50	0.00	110.67	3800.00

SECNO	D	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
232454.000	1560.00	457.32	0.00	0.69	0.00	86.03	54.00
232454.000	3040.00	460.15	2.83	1.09	0.00	102.08	54.00
232454.000	3950.00	461.53	1.37	1.30	0.00	109.88	54.00
232454.000	6900.00	464.90	3.37	1.83	0.00	128.95	54.00
232455.000	1560.00	457.16	0.00	-0.16	0.00	60.44	1.00
232455.000	3040.00	459.91	2.75	0.25	0.00	67.07	1.00
232455.000	3950.00	461.23	1.32	-0.30	0.00	70.26	1.00
232455.000	6900.00	464.60	3.37	-0.30	0.00	123.05	1.00
232465.000	1560.00	457.21	0.00	0.05	0.00	60.57	20.00
232465.000	3040.00	459.97	2.76	0.06	0.00	67.21	20.00
232465.000	3950.00	461.30	1.33	0.07	0.00	70.42	20.00
232465.000	6900.00	464.69	3.40	0.10	0.00	123.45	20.00
232466.000	1560.00	457.47	0.00	0.26	0.00	86.87	1.00
232466.000	3040.00	460.36	2.89	0.39	0.00	103.27	1.00
232466.000	3950.00	461.78	1.41	0.48	0.00	111.27	1.00
232466.000	6900.00	465.14	3.40	0.48	0.00	132.39	1.00
232500.000	1560.00	457.17	0.00	-0.30	0.00	59.46	35.00
232500.000	3040.00	459.89	2.72	-0.40	0.00	79.23	35.00
232500.000	3950.00	461.20	1.35	-0.53	0.00	92.50	35.00
232500.000	6900.00	464.47	3.22	-0.71	0.00	124.67	35.00
232770.000	1560.00	459.10	0.00	1.93	0.00	88.43	270.00
232770.000	3040.00	461.88	2.78	1.99	0.00	116.39	270.00
232770.000	3950.00	463.23	1.35	1.98	0.00	129.97	270.00
232770.000	6900.00	466.63	3.40	2.16	0.00	164.06	270.00
234840.000	1520.00	464.27	0.00	5.17	0.00	670.02	2070.00
234840.000	2950.00	466.15	1.89	6.28	0.00	693.75	2070.00
234840.000	3820.00	467.16	1.01	5.94	0.00	766.08	2070.00
234840.000	6700.00	470.05	2.88	5.42	0.00	745.86	2070.00
236100.000	1520.00	465.61	0.00	1.34	0.00	389.06	1260.00
236100.000	2950.00	467.36	1.75	1.21	0.00	473.11	1260.00
236100.000	3820.00	468.27	0.91	1.11	0.00	516.94	1260.00
236100.000	6700.00	470.91	2.60	0.86	0.00	620.98	1260.00
236129.000	1520.00	465.56	0.00	-0.03	0.00	89.00	29.00
236129.000	2950.00	467.23	1.65	-0.13	0.00	89.00	29.00
236129.000	3820.00	468.07	0.84	-0.21	0.00	89.00	29.00
236129.000	6700.00	470.94	2.87	0.03	0.00	621.48	29.00
236152.000	1520.00	465.62	0.00	0.04	0.00	89.00	23.00
236152.000	2950.00	467.33	1.71	0.10	0.00	89.00	23.00
236152.000	3820.00	468.81	1.47	0.74	0.00	89.00	23.00
236152.000	6700.00	472.36	3.55	1.42	0.00	654.18	23.00
236190.000	1520.00	465.78	0.00	0.16	0.00	472.03	38.00
236190.000	2950.00	467.69	1.91	0.36	0.00	566.00	38.00
236190.000	3820.00	469.22	1.53	0.41	0.00	641.43	38.00
236190.000	6700.00	472.59	3.18	0.04	0.00	835.05	38.00

SEGN0	0	CLSEL	DIFNSP	IFNSX	DIFKWS	TORWID	XLGN
236510.000	1520.00	466.03	0.00	2.25	0.00	260.99	320.00
236510.000	2950.00	467.96	1.92	0.27	0.00	440.06	320.00
236510.000	3420.00	469.42	1.46	2.20	0.00	492.29	320.00
236510.000	6700.00	472.54	3.12	0.15	0.00	575.30	320.00
237900.000	1520.00	468.69	0.00	2.65	0.00	478.19	1390.00
237900.000	2950.00	470.44	1.75	2.48	0.00	506.12	1390.00
237900.000	3820.00	471.37	0.93	1.95	0.00	519.07	1390.00
237900.000	6700.00	473.98	2.61	1.43	0.60	555.67	1390.00
239100.000	1500.00	470.38	0.00	1.70	0.00	350.38	1200.00
239100.000	2930.00	472.10	1.72	1.66	0.00	396.59	1200.00
239100.000	3780.00	472.96	0.46	1.59	0.00	419.82	1200.00
239100.000	6600.00	475.37	2.42	1.40	0.00	485.06	1200.00
239900.000	1330.00	471.42	0.00	1.04	0.00	528.38	800.00
239900.000	2600.00	473.13	1.71	1.63	0.00	562.60	800.00
239900.000	3190.00	473.94	0.81	0.99	0.00	578.83	800.00
239900.000	5900.00	476.32	2.38	0.95	0.00	626.47	800.00
240450.000	1330.00	471.89	0.00	0.47	0.00	654.32	550.00
240450.000	2600.00	473.55	1.66	0.42	0.00	710.74	550.00
240450.000	3190.00	474.32	0.76	0.37	0.00	736.74	550.00
240450.000	5900.00	476.69	2.38	0.37	0.00	817.57	550.00
241550.000	1330.00	473.33	0.00	1.44	0.00	548.16	1100.00
241550.000	2600.00	474.73	1.41	1.18	0.00	582.11	1100.00
241550.000	3190.00	475.36	0.62	1.04	0.00	597.19	1100.00
241550.000	5900.00	477.60	2.20	0.90	0.00	651.61	1100.00
241860.000	1330.00	474.16	0.00	0.83	0.00	222.46	310.00
241860.000	2600.00	475.47	1.30	0.73	0.00	261.54	310.00
241860.000	3190.00	476.00	0.54	0.65	0.00	271.49	310.00
241860.000	5900.00	478.07	2.06	0.47	0.00	299.81	310.00
244350.000	1250.00	480.89	0.00	0.73	0.00	216.49	2490.00
244350.000	2450.00	483.11	2.22	2.65	0.00	281.32	2490.00
244350.000	3080.00	483.88	0.77	2.88	0.00	301.46	2490.00
244350.000	5400.00	486.18	2.30	2.11	0.00	348.79	2490.00
245400.000	1250.00	483.02	0.00	2.13	0.00	190.66	1050.00
245400.000	2450.00	485.22	2.20	2.11	0.00	256.74	1050.00
245400.000	3080.00	486.06	0.84	2.18	0.00	281.79	1050.00
245400.000	5400.00	488.41	2.35	2.23	0.00	352.24	1050.00
245438.000	1250.00	483.16	0.00	0.14	0.00	104.00	38.00
245438.000	2450.00	485.30	2.10	0.08	0.00	104.00	38.00
245438.000	3080.00	486.11	0.81	0.06	0.00	104.00	38.00
245438.000	5400.00	488.36	2.25	0.09	0.00	104.00	38.00
245462.000	1250.00	483.18	0.00	0.02	0.00	104.00	24.00
245462.000	2450.00	485.33	2.15	0.03	0.00	104.00	24.00
245462.000	3080.00	486.15	0.82	0.03	0.00	104.00	24.00
245462.000	5400.00	488.43	2.28	0.06	0.00	104.00	24.00

SEGN0	0	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
245500.000	1250.00	483.20	0.00	0.02	0.00	146.91	38.00
245500.000	2450.00	485.36	2.16	0.04	0.00	196.99	38.00
245500.000	3050.00	486.20	0.84	0.05	0.00	215.59	38.00
245500.000	5400.00	488.60	2.40	0.18	0.00	269.00	38.00
245630.000	1250.00	483.45	0.00	0.25	0.00	113.04	130.00
245630.000	2450.00	485.63	2.18	0.27	0.00	147.50	130.00
245630.000	3080.00	486.48	0.84	0.28	0.00	159.31	130.00
245630.000	5400.00	488.88	2.40	0.27	0.00	192.69	130.00
246800.000	1100.00	486.04	0.00	0.59	0.00	289.47	1170.00
246800.000	2170.00	488.25	2.21	2.62	0.00	362.33	1170.00
246800.000	2810.00	489.17	0.92	2.70	0.00	392.72	1170.00
246800.000	4920.00	491.71	2.53	2.83	0.00	467.81	1170.00
246815.000	1100.00	486.09	0.00	0.05	0.00	290.74	15.00
246815.000	2170.00	488.29	2.20	0.04	0.00	363.43	15.00
246815.000	2810.00	489.21	0.92	0.04	0.00	393.88	15.00
246815.000	4920.00	491.74	2.53	0.04	0.00	468.88	15.00
246820.000	1100.00	486.06	0.00	-0.03	0.00	290.05	5.00
246820.000	2170.00	488.27	2.20	-0.03	0.00	362.77	5.00
246820.000	2810.00	489.18	0.92	-0.03	0.00	393.08	5.00
246820.000	4920.00	491.71	2.53	-0.03	0.00	467.92	5.00
246840.000	1100.00	486.12	0.00	0.06	0.00	295.10	20.00
246840.000	2170.00	488.30	2.18	0.03	0.00	370.87	20.00
246840.000	2810.00	489.21	0.92	0.03	0.00	402.65	20.00
246840.000	4920.00	491.74	2.52	0.03	0.00	468.66	20.00
246845.000	1100.00	486.20	0.00	0.08	0.00	298.12	5.00
246845.000	2170.00	488.36	2.16	0.06	0.00	373.05	5.00
246845.000	2810.00	489.28	0.92	0.06	0.00	404.90	5.00
246845.000	4920.00	491.80	2.52	0.06	0.00	465.98	5.00
246860.000	1100.00	486.21	0.00	0.02	0.00	298.96	15.00
246860.000	2170.00	488.35	2.15	0.01	0.00	373.54	15.00
246860.000	2810.00	489.28	0.92	0.01	0.00	405.55	15.00
246860.000	4920.00	491.80	2.52	0.00	0.00	466.18	15.00
247030.000	1100.00	486.45	0.00	0.24	0.00	346.23	170.00
247030.000	2170.00	488.55	2.10	0.19	0.00	406.60	170.00
247030.000	2810.00	489.47	0.91	0.19	0.00	432.85	170.00
247030.000	4920.00	491.97	2.50	0.16	0.00	505.37	170.00
250560.000	1100.00	493.62	0.00	7.17	0.00	188.18	5530.00
250560.000	2170.00	495.07	1.44	5.51	0.00	263.42	5530.00
250560.000	2810.00	495.81	0.74	6.34	0.00	301.86	5530.00
250560.000	4920.00	497.67	1.87	5.71	0.00	398.92	5530.00
250618.000	1100.00	493.80	0.00	0.16	0.00	61.00	58.00
250618.000	2170.00	495.20	1.40	0.14	0.00	61.00	58.00
250618.000	2810.00	495.85	0.64	0.04	0.00	61.00	58.00
250618.000	4920.00	498.00	2.15	0.33	0.00	415.70	58.00

SECNO	Q	CSSEL	DIFWSP	DIFWSX	DIFKWS	TORWTD	XLEN
250643.000	1100.00	493.21	0.00	0.01	0.00	61.00	25.00
250643.000	2170.00	495.23	1.42	0.03	0.00	61.00	25.00
250643.000	2810.00	495.89	0.66	0.04	0.00	61.00	25.00
250643.000	4920.00	499.38	3.49	1.38	0.00	482.22	25.00
250680.000	1100.00	493.95	0.00	0.14	0.00	187.07	37.00
250680.000	2170.00	495.68	1.73	0.45	0.00	282.47	37.00
250680.000	2810.00	496.57	0.89	0.68	0.00	351.77	37.00
250680.000	4920.00	499.42	2.85	0.05	0.00	488.18	37.00
250770.000	1090.00	494.21	0.00	0.27	0.00	90.41	90.00
250770.000	2150.00	495.89	1.67	0.21	0.00	194.89	90.00
250770.000	2790.00	496.75	0.36	0.18	0.00	284.37	90.00
250770.000	4900.00	499.56	2.81	0.14	0.00	418.34	90.00

SUMMARY OF ERRORS

- CAUTION SECNO=***** PROFILE= 4 HYDRAULIC JUMP O.S.
- 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
- CAUTION SECNO=***** PROFILE= 1 HYDRAULIC JUMP O.S.
- CAUTION SECNO=***** PROFILE= 2 HYDRAULIC JUMP O.S.
- CAUTION SECNO=***** PROFILE= 3 HYDRAULIC JUMP O.S.
- CAUTION SECNO=***** PROFILE= 4 HYDRAULIC JUMP O.S.

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND I		
		10%	2%	0.2%
190260.000	0.	-1.50	-1.30	0.9
191850.000	1590.	-2.42	-0.33	0.71
194000.000	3740.	-2.28	-0.50	1.22
194600.000	4340.	-2.69	-0.54	1.30
194857.000	4397.	-3.43	-0.62	1.42
194885.000	4423.	-4.44	-1.07	1.17
194700.000	4440.	-4.41	-0.57	1.22
195320.000	5060.	-4.16	-0.71	1.59
197160.000	6900.	-3.73	-0.73	1.77
197350.000	7090.	-3.56	-0.71	1.74
198020.000	8560.	-2.31	-0.40	1.64
199000.000	8740.	-2.49	-0.40	0.92
199400.000	9140.	-2.42	-0.45	1.02
200730.000	10470.	-3.23	-0.78	1.72
201200.000	10940.	-3.63	-1.06	2.31
201350.000	11090.	-4.02	-1.25	2.72
201500.000	11240.	-3.96	-1.21	2.51
202900.000	12640.	-3.89	-1.19	2.63
203000.000	12740.	-4.12	-1.27	2.87
203200.000	12940.	-4.40	-1.35	3.04
205360.000	15100.	-4.33	-1.32	3.00
205410.000	15150.	-4.33	-1.30	2.95
205500.000	15240.	-4.16	-1.29	2.90
205930.000	15670.	-4.00	-1.20	2.69
206300.000	16040.	-3.99	-1.17	2.52
207200.000	16940.	-5.08	-1.56	3.36
212060.000	21800.	-3.79	-1.13	2.51
213465.000	23295.	-3.62	-1.09	2.51
213515.000	23255.	-3.75	-1.53	2.52
213526.000	23266.	-5.53	-2.99	2.79
213545.000	23285.	-5.41	-2.28	2.82
213690.000	25430.	-5.33	-2.16	2.82
215000.000	23540.	-5.32	-2.13	2.82
216000.000	23740.	-5.50	-2.08	2.92
216300.000	24000.	-5.22	-1.92	3.02
215000.000	24740.	-4.94	-1.75	3.22
215900.000	25640.	-4.59	-1.51	3.35
218310.000	28050.	-4.62	-1.45	3.62
221050.000	30790.	-4.16	-1.51	3.25
221091.000	30851.	-4.22	-1.50	3.21
221109.000	30844.	-4.53	-1.09	3.02
221230.000	30970.	-4.43	-1.10	3.02
223000.000	33140.	-4.05	-1.51	3.12
225500.000	35240.	-5.14	-1.59	3.67
225900.000	35640.	-5.07	-1.59	3.62
227300.000	37040.	-3.85	-1.26	3.22
227340.000	37080.	-3.14	-1.14	4.02
227360.000	37100.	-4.84	-1.61	4.40
227380.000	37120.	-4.73	-1.60	4.41
227470.000	37210.	-4.12	-1.42	4.12
227600.000	37340.	-3.56	-1.27	3.92
227850.000	37590.	-3.00	-1.02	3.37
228100.000	37840.	-2.87	-0.94	3.72

228600.000	38340.	-2.78	-0.85	2.23
232400.000	42140.	-3.60	-1.17	2.07
232454.000	42194.	-4.21	-1.37	3.37
232455.000	42195.	-4.07	-1.32	3.37
232465.000	42215.	-4.08	-1.33	3.40
232466.000	42216.	-4.31	-1.41	3.40
232500.000	42251.	-4.07	-1.35	3.22
232770.000	42521.	-4.13	-1.35	3.40
234840.000	44591.	-2.90	-1.01	2.88
236100.000	45451.	-2.67	-0.91	2.64
236129.000	45880.	-2.49	-0.84	2.87
236152.000	45903.	-3.19	-1.07	3.50
236190.000	45941.	-3.44	-1.53	3.10
236510.000	46261.	-3.31	-1.46	3.12
237900.000	47651.	-2.68	-0.93	2.61
239100.000	48851.	-2.57	-0.86	2.42
239900.000	49651.	-2.52	-0.81	2.38
240450.000	50201.	-2.42	-0.76	2.30
241550.000	51301.	-2.03	-0.62	2.20
241860.000	51611.	-1.84	-0.54	2.01
244350.000	54101.	-2.99	-0.77	2.30
245400.000	55151.	-3.04	-0.84	2.31
245438.000	55189.	-2.95	-0.81	2.25
245442.000	55213.	-2.97	-0.82	2.21
245500.000	55251.	-3.00	-0.84	2.40
245430.000	55301.	-3.02	-0.84	2.40
246800.000	56551.	-3.13	-0.92	2.53
246815.000	56566.	-3.12	-0.92	2.53
246820.000	56571.	-3.12	-0.92	2.53
246825.000	56591.	-3.10	-0.92	2.53
246845.000	56596.	-3.08	-0.92	2.52
246860.000	56611.	-3.07	-0.92	2.51
247030.000	56781.	-3.01	-0.91	2.50
250560.000	60311.	-2.18	-0.74	1.87
250618.000	60369.	-2.05	-0.64	2.15
250643.000	60390.	-2.08	-0.66	3.40
250680.000	60431.	-2.62	-0.89	2.65
250770.000	60521.	-2.53	-0.86	2.81

WEIGHTED AVG FWD REACH		-3.55	-1.05	2.50

FHE FOR THE REACH = 035 WITH 72.2% OF THE REACH WITHIN 1.0 FEET
 ZONE FOR THE REACH = A 7

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA			WTG. AVG.	FHE	PERCENT WITHIN
		10%	1%	DIFF.			
SEC. 190260.000							
1	133.	259.05	260.39	-1.34	-1.34	015	100.
2	266.	259.10	260.58	-1.48	-1.48	015	100.
3	399.	259.23	260.77	-1.54	-1.54	015	100.
4	532.	259.32	260.95	-1.63	-1.63	015	100.
5	665.	259.42	261.14	-1.72	-1.72	015	100.
6	798.	259.51	261.32	-1.81	-1.81	015	100.
7	931.	259.60	261.51	-1.91	-1.91	015	100.
8	1064.	259.69	261.70	-2.01	-2.01	015	100.
9	1197.	259.78	261.88	-2.10	-2.10	015	100.
10	1330.	259.88	262.07	-2.19	-2.19	015	100.

11	1463.	259.97	262.26	-2.29	-1.82	020	100.
	1590.					SEC. 191850.000	
12	1596.	260.06	262.44	-2.38	-1.86	020	83.
13	1729.	260.25	262.67	-2.42	-1.91	020	85.
14	1862.	260.52	262.93	-2.41	-1.94	020	93.
15	1995.	260.79	263.19	-2.40	-1.97	020	87.
16	2128.	261.05	263.44	-2.39	-2.00	020	100.
17	2261.	261.32	263.70	-2.38	-2.02	020	100.
18	2394.	261.59	263.96	-2.37	-2.04	020	100.
19	2527.	261.86	264.22	-2.36	-2.06	020	100.
20	2660.	262.13	264.48	-2.35	-2.07	020	100.
21	2793.	262.39	264.74	-2.35	-2.09	020	100.
22	2926.	262.66	265.00	-2.34	-2.10	020	100.
23	3059.	262.93	265.26	-2.33	-2.11	020	100.
24	3192.	263.20	265.52	-2.32	-2.12	020	100.
25	3325.	263.47	265.78	-2.31	-2.12	020	100.
26	3458.	263.74	266.04	-2.30	-2.13	020	100.
27	3591.	264.00	266.30	-2.30	-2.14	020	100.
28	3724.	264.27	266.56	-2.29	-2.14	020	100.
	3700.					SEC. 194000.000	
29	3857.	264.47	266.79	-2.32	-2.15	020	100.
30	3990.	264.60	267.01	-2.41	-2.16	020	100.
31	4123.	264.72	267.22	-2.50	-2.17	020	100.
32	4256.	264.83	267.42	-2.59	-2.18	020	100.
	4340.					SEC. 194600.000	
33	4389.	265.24	268.22	-2.98	-2.21	020	100.
	4397.					SEC. 194657.000	
	4423.					SEC. 194683.000	
	4440.					SEC. 194700.000	
34	4522.	265.83	269.68	-3.85	-2.25	025	97.
35	4655.	266.32	270.68	-4.36	-2.31	025	94.
36	4788.	266.83	271.13	-4.30	-2.37	025	89.
37	4921.	267.33	271.58	-4.25	-2.42	025	86.
38	5054.	267.83	272.02	-4.19	-2.47	025	82.
	5060.					SEC. 195320.000	
39	5187.	268.52	272.07	-4.15	-2.51	025	79.
40	5320.	268.79	272.91	-4.12	-2.55	025	75.
41	5453.	269.26	273.30	-4.08	-2.59	025	73.
42	5586.	269.72	273.78	-4.06	-2.62	025	71.
43	5719.	270.19	274.22	-4.03	-2.66	025	67.
44	5852.	270.66	274.65	-3.99	-2.69	025	66.
45	5985.	271.13	275.09	-3.96	-2.71	025	64.
46	6118.	271.60	275.53	-3.93	-2.74	025	61.
47	6251.	272.07	275.97	-3.90	-2.76	030	60.
48	6384.	272.53	276.40	-3.87	-2.79	030	58.
49	6517.	273.00	276.80	-3.80	-2.81	030	57.
50	6650.	273.47	277.28	-3.81	-2.83	030	56.
51	6783.	273.94	277.71	-3.77	-2.85	030	61.
	6900.					SEC. 197160.000	
52	6916.	274.41	278.15	-3.74	-2.87	030	63.
53	7049.	274.88	278.54	-3.66	-2.88	030	64.
	7090.					SEC. 197350.000	
54	7182.	275.49	279.03	-3.54	-2.89	030	65.
55	7315.	276.29	279.71	-3.42	-2.90	030	67.
56	7448.	277.14	280.45	-3.31	-2.91	030	68.
57	7581.	277.99	281.18	-3.19	-2.91	030	68.
58	7714.	278.84	281.92	-3.08	-2.92	030	67.
59	7847.	279.69	282.66	-2.97	-2.92	030	68.
60	7980.	280.54	283.39	-2.85	-2.92	030	68.
61	8113.	281.39	284.13	-2.74	-2.91	030	70.
62	8246.	282.24	284.87	-2.63	-2.91	030	71.
63	8379.	283.09	285.61	-2.52	-2.91	030	71.
64	8512.	283.94	286.34	-2.40	-2.90	030	72.
	8560.					SEC. 198820.000	
65	8645.	284.84	287.21	-2.37	-2.89	030	71.

66	8778.	285.78	288.22	-2.44	-2.88	030	71.
67	8911.	286.54	289.07	-2.48	-2.87	030	72.
68	9044.	287.29	289.75	-2.46	-2.67	030	72.
	9146.					SEC. 199400.000	
69	9177.	287.97	290.42	-2.45	-2.86	030	71.
70	9310.	288.56	291.06	-2.50	-2.76	030	71.
71	9443.	289.11	291.68	-2.57	-2.85	030	72.
72	9576.	289.65	292.30	-2.65	-2.75	030	72.
73	9709.	290.19	292.93	-2.74	-2.85	030	73.
74	9842.	290.73	293.55	-2.82	-2.75	030	73.
75	9975.	291.27	294.17	-2.90	-2.75	030	73.
76	10108.	291.82	294.79	-2.97	-2.75	030	74.
77	10241.	292.36	295.41	-3.05	-2.75	030	74.
78	10374.	292.90	296.03	-3.13	-2.76	030	74.
	10470.					SEC. 200730.000	
79	10507.	293.45	296.67	-3.22	-2.76	030	75.
80	10640.	294.05	297.36	-3.31	-2.77	030	76.
81	10773.	294.67	298.10	-3.43	-2.77	030	77.
82	10906.	295.29	298.83	-3.54	-2.88	030	77.
	10940.					SEC. 201200.000	
83	11039.	296.37	300.11	-3.74	-2.89	030	77.
	11070.					SEC. 201350.000	
84	11172.	298.15	302.07	-3.94	-2.90	030	77.
	11240.					SEC. 201500.000	
85	11505.	300.14	304.12	-3.98	-2.92	030	75.
86	11434.	301.17	306.13	-3.96	-2.93	030	76.
87	11571.	304.19	308.14	-3.95	-2.94	030	76.
88	11704.	306.21	310.15	-3.94	-2.95	030	77.
89	11837.	308.23	312.16	-3.93	-2.96	030	80.
90	11970.	310.24	314.17	-3.93	-2.97	030	80.
91	12103.	312.26	316.18	-3.92	-2.98	030	81.
92	12236.	314.28	318.20	-3.92	-2.99	030	83.
93	12369.	316.30	320.21	-3.91	-3.00	030	83.
94	12502.	318.32	322.22	-3.90	-3.01	030	83.
95	12635.	320.34	324.23	-3.89	-3.02	030	82.
	12640.					SEC. 202900.000	
	12740.					SEC. 203000.000	
96	12768.	322.28	326.30	-4.02	-3.05	030	83.
97	12901.	323.78	328.04	-4.26	-3.05	030	82.
	12940.					SEC. 203200.000	
98	13034.	324.86	329.23	-4.37	-3.06	030	83.
99	13167.	325.82	330.21	-4.39	-3.07	030	82.
100	13300.	326.74	331.13	-4.39	-3.09	030	82.
101	13433.	327.67	332.06	-4.39	-3.10	030	81.
102	13566.	328.60	332.98	-4.38	-3.11	030	79.
103	13699.	329.53	333.90	-4.37	-3.12	030	80.
104	13832.	330.45	334.83	-4.38	-3.14	030	79.
105	13965.	331.38	335.75	-4.37	-3.15	030	79.
106	14098.	332.31	336.67	-4.36	-3.16	030	78.
107	14231.	333.24	337.60	-4.36	-3.17	030	78.
108	14364.	334.16	338.52	-4.36	-3.18	030	77.
109	14497.	335.09	339.44	-4.35	-3.19	030	77.
110	14630.	336.02	340.37	-4.35	-3.20	030	75.
111	14763.	336.95	341.29	-4.34	-3.21	030	75.
112	14896.	337.87	342.21	-4.34	-3.22	030	74.
113	15029.	338.80	343.14	-4.34	-3.23	030	73.
	15100.					SEC. 205360.000	
	15150.					SEC. 205410.000	
114	15162.	339.75	344.07	-4.32	-3.24	030	73.
	15240.					SEC. 205500.000	
115	15295.	340.42	344.65	-4.23	-3.25	035	74.
116	15428.	341.12	345.24	-4.12	-3.26	035	75.
117	15561.	342.12	346.19	-4.07	-3.27	035	75.
	15670.					SEC. 205930.000	
118	15694.	343.09	347.11	-4.02	-3.27	035	75.
119	15827.	344.02	347.92	-3.90	-3.28	035	76.

120	15960.	344.63	348.63	-4.00	-3.28	035	76.
	16046.					SEC. 206300.000	
121	16093.	345.36	349.38	-4.02	-3.29	035	76.
122	16226.	346.10	350.23	-4.13	-3.30	035	75.
123	16359.	346.85	351.10	-4.29	-3.31	035	74.
124	16492.	347.60	352.06	-4.46	-3.31	035	73.
125	16625.	348.35	352.97	-4.62	-3.33	035	71.
126	16758.	349.10	353.80	-4.70	-3.34	035	72.
127	16891.	349.86	354.80	-4.94	-3.35	035	72.
	16940.					SEC. 207200.000	
128	17024.	350.58	355.62	-5.04	-3.36	035	73.
129	17157.	351.26	356.30	-5.04	-3.38	035	70.
130	17290.	351.92	356.92	-5.00	-3.39	035	75.
131	17423.	352.50	357.55	-4.97	-3.40	035	74.
132	17556.	353.24	358.17	-4.93	-3.41	035	71.
133	17689.	353.90	358.80	-4.90	-3.42	035	69.
134	17822.	354.56	359.42	-4.86	-3.43	035	68.
135	17955.	355.22	360.05	-4.83	-3.44	035	67.
136	18088.	355.88	360.67	-4.79	-3.45	035	66.
137	18221.	356.54	361.30	-4.76	-3.46	035	66.
138	18354.	357.20	361.92	-4.72	-3.47	035	64.
139	18487.	357.86	362.54	-4.68	-3.48	035	64.
140	18620.	358.52	363.17	-4.65	-3.49	035	63.
141	18753.	359.18	363.79	-4.61	-3.50	035	62.
142	18886.	359.84	364.42	-4.58	-3.50	035	62.
143	19019.	360.50	365.04	-4.54	-3.51	035	60.
144	19152.	361.16	365.67	-4.51	-3.52	035	60.
145	19285.	361.82	366.29	-4.47	-3.53	035	60.
146	19418.	362.48	366.92	-4.44	-3.53	035	60.
147	19551.	363.14	367.50	-4.40	-3.54	035	61.
148	19684.	363.80	368.17	-4.37	-3.54	035	61.
149	19817.	364.46	368.79	-4.33	-3.55	035	62.
150	19950.	365.12	369.42	-4.30	-3.55	035	62.
151	20083.	365.78	370.04	-4.26	-3.56	035	62.
152	20216.	366.44	370.67	-4.23	-3.56	035	63.
153	20349.	367.10	371.29	-4.19	-3.57	035	63.
154	20482.	367.76	371.92	-4.16	-3.57	035	63.
155	20615.	368.42	372.54	-4.12	-3.57	035	63.
156	20748.	369.08	373.17	-4.09	-3.58	035	63.
157	20881.	369.74	373.79	-4.05	-3.58	035	64.
158	21014.	370.40	374.42	-4.02	-3.58	035	64.
159	21147.	371.06	375.04	-3.98	-3.59	035	64.
160	21280.	371.72	375.67	-3.95	-3.59	035	64.
161	21413.	372.38	376.29	-3.91	-3.59	035	65.
162	21546.	373.04	376.92	-3.88	-3.59	035	65.
163	21679.	373.70	377.54	-3.84	-3.59	035	65.
	21800.					SEC. 212060.000	
164	21312.	374.35	378.16	-3.81	-3.59	035	65.
165	21445.	374.95	378.73	-3.78	-3.60	035	65.
166	21578.	375.60	379.20	-3.75	-3.60	035	65.
167	22211.	376.01	379.76	-3.75	-3.60	035	65.
168	22344.	376.55	380.24	-3.73	-3.60	035	65.
169	22477.	377.08	380.79	-3.71	-3.60	035	66.
170	22610.	377.61	381.31	-3.70	-3.60	035	66.
171	22743.	378.15	381.83	-3.68	-3.60	035	66.
172	22876.	378.68	382.35	-3.67	-3.60	035	66.
173	23009.	379.21	382.86	-3.65	-3.60	035	66.
174	23142.	379.75	383.38	-3.63	-3.60	035	67.
	23205.					SEC. 213465.000	
	23255.					SEC. 213515.000	
	23266.					SEC. 213526.000	
175	23275.	380.31	384.87	-4.56	-3.61	035	67.
	23285.					SEC. 213545.000	
176	23404.	380.85	386.27	-5.42	-3.62	035	68.
	23430.					SEC. 213690.000	

177	23541.	381.22	386.55	-5.33	-3.63	035	67.
178	23674.	381.45	386.76	-5.31	-3.64	035	66.
	23740.					SEC. 214000.000	
179	23807.	381.69	386.99	-5.30	-3.65	035	66.
180	23940.	381.96	387.23	-5.27	-3.65	035	66.
	24040.					SEC. 214300.000	
181	24073.	382.25	387.48	-5.23	-3.66	035	65.
182	24206.	382.58	387.76	-5.18	-3.67	035	65.
183	24339.	382.94	388.07	-5.13	-3.68	035	65.
184	24472.	383.29	388.37	-5.08	-3.69	035	65.
185	24605.	383.65	388.67	-5.02	-3.69	035	64.
186	24738.	384.01	388.98	-4.97	-3.70	035	64.
	24740.					SEC. 215000.000	
187	24871.	384.39	389.30	-4.91	-3.71	035	64.
188	25004.	384.80	389.66	-4.86	-3.71	035	63.
189	25137.	385.20	390.01	-4.81	-3.72	035	63.
190	25270.	385.61	390.37	-4.76	-3.73	035	63.
191	25403.	386.02	390.72	-4.70	-3.73	035	63.
192	25536.	386.42	391.08	-4.66	-3.73	035	64.
	25540.					SEC. 215980.000	
193	25669.	386.84	391.45	-4.61	-3.74	035	64.
194	25802.	387.28	391.84	-4.56	-3.74	035	64.
195	25935.	387.76	392.35	-4.59	-3.75	040	63.
196	26068.	388.24	392.83	-4.59	-3.75	040	63.
197	26201.	388.71	393.31	-4.60	-3.76	040	64.
198	26334.	389.19	393.79	-4.60	-3.76	040	65.
199	26467.	389.67	394.26	-4.59	-3.77	040	65.
200	26600.	390.14	394.70	-4.56	-3.77	040	65.
201	26733.	390.62	395.22	-4.60	-3.77	040	65.
202	26866.	391.09	395.70	-4.61	-3.78	040	66.
203	26999.	391.57	396.17	-4.60	-3.78	040	66.
204	27132.	392.05	396.65	-4.60	-3.79	040	67.
205	27265.	392.52	397.13	-4.61	-3.79	040	67.
206	27398.	393.00	397.61	-4.61	-3.79	040	67.
207	27531.	393.47	398.08	-4.61	-3.80	040	67.
208	27664.	393.95	398.56	-4.61	-3.80	040	67.
209	27797.	394.43	399.04	-4.61	-3.81	040	68.
210	27930.	394.91	399.52	-4.62	-3.81	040	68.
	28050.					SEC. 218310.000	
211	28063.	395.37	399.99	-4.62	-3.81	040	68.
212	28196.	395.77	400.37	-4.60	-3.82	040	68.
213	28329.	396.18	400.88	-4.58	-3.82	040	69.
214	28462.	396.44	401.00	-4.56	-3.82	040	69.
215	28595.	396.77	401.31	-4.54	-3.83	040	69.
216	28728.	397.10	401.62	-4.52	-3.83	040	69.
217	28861.	397.42	401.92	-4.49	-3.83	040	69.
218	28994.	397.77	402.24	-4.47	-3.84	040	69.
219	29127.	398.11	402.55	-4.44	-3.84	040	69.
220	29260.	398.44	402.87	-4.43	-3.84	040	70.
221	29393.	398.77	403.18	-4.41	-3.84	040	70.
222	29526.	399.11	403.49	-4.38	-3.85	040	70.
223	29659.	399.48	403.80	-4.36	-3.85	040	70.
224	29792.	399.78	404.11	-4.33	-3.85	040	70.
225	29925.	400.11	404.42	-4.31	-3.85	040	70.
226	30058.	400.44	404.73	-4.29	-3.86	040	71.
227	30191.	400.78	405.05	-4.27	-3.86	040	71.
228	30324.	401.11	405.36	-4.25	-3.86	040	71.
229	30457.	401.45	405.67	-4.22	-3.86	040	71.
230	30590.	401.78	405.98	-4.20	-3.86	040	71.
231	30723.	402.11	406.29	-4.18	-3.86	040	71.
	30790.					SEC. 221050.000	
	30831.					SEC. 221091.000	
	30844.					SEC. 221109.000	
232	30856.	402.42	406.76	-4.34	-3.87	040	72.
	30970.					SEC. 221230.000	
233	30989.	402.67	407.15	-4.48	-3.87	040	72.

234	31122.	402.90	407.33	-4.43	-3.87	040	72.
235	31255.	403.10	407.54	-4.44	-3.87	040	72.
236	31388.	403.30	407.74	-4.44	-3.88	040	72.
237	31521.	403.51	407.95	-4.44	-3.88	040	72.
238	31654.	403.71	408.15	-4.44	-3.88	040	72.
239	31787.	403.92	408.36	-4.44	-3.88	040	72.
240	31920.	404.12	408.56	-4.44	-3.88	040	73.
241	32053.	404.33	408.76	-4.43	-3.89	040	73.
242	32186.	404.53	408.97	-4.44	-3.89	040	73.
243	32319.	404.73	409.17	-4.44	-3.89	040	73.
244	32452.	404.94	409.38	-4.44	-3.89	040	73.
245	32585.	405.14	409.58	-4.44	-3.89	040	73.
246	32718.	405.35	409.79	-4.44	-3.90	040	74.
247	32851.	405.55	409.99	-4.44	-3.90	040	74.
248	32984.	405.75	410.20	-4.45	-3.90	040	74.
249	33117.	405.96	410.40	-4.44	-3.90	040	74.
	33140.					SEC. 225400.000	
250	33250.	406.15	410.62	-4.47	-3.91	040	74.
251	33383.	406.33	410.84	-4.51	-3.91	040	74.
252	33516.	406.51	411.06	-4.55	-3.91	040	74.
253	33649.	406.69	411.28	-4.59	-3.91	040	74.
254	33782.	406.87	411.50	-4.63	-3.92	040	74.
255	33915.	407.04	411.72	-4.68	-3.92	040	75.
256	34048.	407.22	411.95	-4.73	-3.92	040	75.
257	34181.	407.40	412.17	-4.77	-3.93	040	75.
258	34314.	407.58	412.39	-4.81	-3.93	040	75.
259	34447.	407.76	412.61	-4.85	-3.93	040	75.
260	34580.	407.93	412.83	-4.90	-3.94	040	75.
261	34713.	408.11	413.05	-4.94	-3.94	040	76.
262	34846.	408.29	413.28	-4.99	-3.95	040	76.
263	34979.	408.47	413.50	-5.03	-3.95	040	75.
264	35112.	408.65	413.72	-5.07	-3.95	040	75.
	35240.					SEC. 225500.000	
265	35245.	408.82	413.94	-5.12	-3.96	040	75.
266	35378.	409.02	414.14	-5.12	-3.96	040	74.
267	35511.	409.22	414.33	-5.11	-3.97	040	75.
	35640.					SEC. 225900.000	
268	35640.	409.40	414.51	-5.07	-3.97	040	75.
269	35777.	409.85	414.85	-5.00	-3.97	040	74.
270	35910.	410.46	415.32	-4.86	-3.98	040	74.
271	36043.	411.07	415.80	-4.73	-3.98	040	74.
272	36176.	411.68	416.27	-4.59	-3.98	040	74.
273	36309.	412.29	416.75	-4.46	-3.98	040	74.
274	36442.	412.90	417.22	-4.32	-3.99	040	74.
275	36575.	413.51	417.70	-4.19	-3.99	040	74.
276	36708.	414.12	418.17	-4.05	-3.99	040	74.
277	36841.	414.73	418.65	-3.92	-3.99	040	74.
278	36974.	415.34	419.12	-3.78	-3.99	040	74.
	37040.					SEC. 227500.000	
	37040.					EC. 227340.000	
	37100.					EC. 227360.000	
279	37107.	416.00	420.86	-4.86	-3.99	040	75.
	37120.					EC. 227380.000	
	37210.					EC. 227470.000	
280	37240.	418.45	422.65	-4.40	-3.99	040	75.
	37540.					EC. 227600.000	
281	37373.	419.87	423.62	-3.75	-3.99	040	75.
282	37506.	420.09	424.20	-4.11	-3.99	040	75.
	37590.					SEC. 227850.000	
283	37634.	421.86	424.96	-3.10	-3.98	040	75.
284	37772.	422.87	425.79	-2.92	-3.98	040	75.
	37840.					SEC. 228100.000	
285	37905.	423.85	426.70	-2.85	-3.97	040	75.
286	38033.	424.83	427.65	-2.82	-3.97	040	75.
287	38171.	425.82	428.62	-2.80	-3.97	040	75.
288	38304.	426.80	429.60	-2.80	-3.97	040	74.

	38340.					SEC. 228600.000	
289	38437.	427.80	430.59	-2.79	-3.56	040	73.
290	38570.	428.81	431.62	-2.81	-3.95	040	73.
291	38703.	429.83	432.67	-2.84	-3.95	040	73.
292	38836.	430.85	433.72	-2.87	-3.95	040	73.
293	38969.	431.86	434.76	-2.90	-3.94	040	72.
294	39102.	432.88	435.81	-2.93	-3.94	040	72.
295	39235.	433.90	436.85	-2.95	-3.94	040	72.
296	39368.	434.92	437.90	-2.98	-3.93	040	72.
297	39501.	435.93	438.95	-3.02	-3.93	040	72.
298	39634.	436.95	439.99	-3.04	-3.93	040	72.
299	39767.	437.97	441.04	-3.07	-3.92	040	72.
300	39900.	438.99	442.08	-3.09	-3.92	040	72.
301	40033.	440.00	443.13	-3.13	-3.92	040	72.
302	40166.	441.02	444.18	-3.16	-3.92	040	73.
303	40299.	442.04	445.22	-3.18	-3.91	040	73.
304	40432.	443.05	446.27	-3.22	-3.91	040	73.
305	40565.	444.07	447.31	-3.24	-3.91	040	73.
306	40698.	445.09	448.36	-3.27	-3.91	040	73.
307	40831.	446.11	449.41	-3.30	-3.91	040	73.
308	40964.	447.12	450.45	-3.33	-3.90	040	73.
309	41097.	448.14	451.50	-3.36	-3.90	040	73.
310	41230.	449.16	452.55	-3.39	-3.90	040	74.
311	41363.	450.17	453.59	-3.42	-3.90	040	74.
312	41496.	451.19	454.64	-3.45	-3.90	040	74.
313	41629.	452.21	455.68	-3.47	-3.90	040	74.
314	41762.	453.23	456.73	-3.50	-3.89	040	73.
315	41895.	454.24	457.78	-3.54	-3.89	040	73.
316	42028.	455.26	458.82	-3.56	-3.89	040	73.
	42161.					SEC. 232400.000	
317	42161.	456.33	460.04	-3.71	-3.89	040	74.
	42194.					SEC. 232450.000	
	42195.					SEC. 232455.000	
	42215.					SEC. 232465.000	
	42216.					SEC. 232466.000	
	42251.					SEC. 232500.000	
318	42294.	457.19	461.14	-3.95	-3.89	040	74.
319	42427.	457.95	462.05	-4.10	-3.89	040	74.
	42521.					SEC. 232770.000	
320	42560.	458.81	462.92	-4.11	-3.89	040	74.
321	42693.	459.36	463.43	-4.07	-3.89	040	74.
322	42826.	459.70	463.68	-3.98	-3.89	040	74.
323	42959.	460.93	463.93	-3.90	-3.89	040	74.
324	43092.	460.35	464.19	-3.84	-3.89	040	74.
325	43225.	460.69	464.44	-3.75	-3.89	040	74.
326	43358.	461.02	464.69	-3.67	-3.89	040	74.
327	43491.	461.35	464.95	-3.60	-3.89	040	74.
328	43624.	461.69	465.20	-3.51	-3.89	040	74.
329	43757.	462.02	465.45	-3.43	-3.89	040	74.
330	43890.	462.35	465.70	-3.35	-3.89	040	75.
331	44023.	462.68	465.96	-3.28	-3.89	040	75.
332	44156.	463.01	466.21	-3.20	-3.88	040	75.
333	44289.	463.35	466.46	-3.11	-3.88	040	75.
334	44422.	463.68	466.72	-3.04	-3.88	040	75.
335	44555.	464.01	466.97	-2.96	-3.88	040	75.
	44591.					SEC. 232810.000	
336	44688.	464.21	467.17	-2.90	-3.87	040	75.
337	44821.	464.40	467.31	-2.91	-3.87	040	75.
338	44954.	464.58	467.45	-2.85	-3.87	040	75.
339	45087.	464.72	467.58	-2.82	-3.86	040	75.
340	45220.	464.86	467.66	-2.80	-3.86	040	75.
341	45353.	465.01	467.78	-2.77	-3.86	040	74.
342	45486.	465.15	467.89	-2.74	-3.85	040	74.
343	45619.	465.29	468.01	-2.72	-3.85	040	74.
344	45752.	465.43	468.13	-2.70	-3.85	040	74.

	45880.					SEC. 236129.000	
345	45883.	465.54	468.21	-2.67	-3.04	040	74.
	45903.					SEC. 236152.000	
	45941.					SEC. 236190.000	
346	46018.	465.71	468.75	-3.04	-3.04	040	74.
347	46151.	465.30	468.31	-3.02	-3.04	040	74.
	46261.					SEC. 236510.000	
348	46284.	466.01	469.40	-3.39	-3.04	040	74.
349	46417.	466.21	469.55	-3.34	-3.04	040	74.
350	46550.	466.46	469.73	-3.27	-3.04	040	74.
351	46683.	466.71	469.92	-3.21	-3.03	040	74.
352	46816.	466.97	470.10	-3.13	-3.03	040	74.
353	46949.	467.22	470.29	-3.07	-3.03	040	74.
354	47082.	467.47	470.48	-3.01	-3.03	040	74.
355	47215.	467.73	470.66	-2.93	-3.03	040	74.
356	47348.	467.98	470.85	-2.87	-3.02	040	74.
357	47481.	468.24	471.03	-2.79	-3.02	040	74.
358	47614.	468.49	471.22	-2.73	-3.02	040	74.
	47651.					SEC. 237900.000	
359	47747.	468.72	471.40	-2.68	-3.01	040	74.
360	47880.	468.92	471.58	-2.66	-3.01	040	74.
361	48013.	469.11	471.76	-2.65	-3.01	040	74.
362	48146.	469.29	471.93	-2.64	-3.00	040	74.
363	48279.	469.48	472.11	-2.63	-3.00	040	74.
364	48412.	469.67	472.29	-2.62	-3.00	040	74.
365	48545.	469.86	472.46	-2.60	-3.00	040	74.
366	48678.	470.05	472.64	-2.59	-3.00	040	74.
367	48811.	470.23	472.82	-2.59	-3.00	040	74.
	48851.					SEC. 239100.000	
368	48944.	470.42	472.99	-2.57	-3.00	040	73.
369	49077.	470.59	473.15	-2.56	-3.00	040	73.
370	49210.	470.75	473.32	-2.57	-3.00	040	73.
371	49343.	470.93	473.48	-2.55	-3.00	040	73.
372	49476.	471.11	473.64	-2.53	-3.00	040	73.
373	49609.	471.28	473.81	-2.53	-3.00	040	72.
	49651.					SEC. 239900.000	
374	49742.	471.43	473.95	-2.52	-3.00	040	72.
375	49875.	471.56	474.05	-2.49	-3.00	040	72.
376	50008.	471.67	474.14	-2.47	-3.00	040	72.
377	50141.	471.78	474.23	-2.45	-3.00	040	71.
	50201.					SEC. 240450.000	
378	50274.	471.91	474.33	-2.42	-3.00	040	71.
379	50407.	472.07	474.45	-2.38	-3.00	040	70.
380	50540.	472.25	474.57	-2.32	-3.00	035	71.
381	50673.	472.42	474.70	-2.28	-3.00	035	71.
382	50806.	472.60	474.83	-2.23	-3.00	035	71.
383	50939.	472.77	474.95	-2.18	-3.00	035	71.
384	51072.	472.90	475.08	-2.18	-3.00	035	71.
385	51205.	473.12	475.20	-2.08	-3.00	035	70.
	51301.					SEC. 241550.000	
386	51338.	473.32	475.35	-2.03	-3.00	035	70.
387	51471.	473.61	475.57	-1.96	-3.00	035	70.
388	51604.	473.97	475.85	-1.88	-3.00	035	69.
	51611.					SEC. 241800.000	
389	51737.	474.32	476.19	-1.87	-3.00	035	69.
390	51870.	474.68	476.61	-1.93	-3.00	035	69.
391	52003.	475.04	477.03	-1.99	-3.00	035	69.
392	52136.	475.40	477.45	-2.05	-3.00	035	69.
393	52269.	475.76	477.87	-2.11	-3.00	035	68.
394	52402.	476.12	478.29	-2.17	-3.00	035	69.
395	52535.	476.48	478.72	-2.24	-3.00	035	68.
396	52668.	476.84	479.14	-2.30	-3.00	035	68.
397	52801.	477.20	479.56	-2.36	-3.00	035	68.
398	52934.	477.56	479.98	-2.42	-3.00	035	68.
399	53067.	477.92	480.40	-2.48	-3.00	035	67.
400	53200.	478.28	480.82	-2.54	-3.00	035	68.

401	53333.	478.63	481.24	-2.61	-3.66	035	67.
402	53466.	478.99	481.66	-2.67	-3.66	035	67.
403	53599.	479.35	482.08	-2.73	-3.66	035	67.
404	53732.	479.71	482.50	-2.79	-3.65	035	68.
405	53865.	480.07	482.92	-2.85	-3.65	035	68.
406	53998.	480.43	483.34	-2.91	-3.65	035	68.
	54101.					SEC. 244350.000	
407	54131.	480.78	483.75	-2.97	-3.65	035	68.
408	54264.	481.08	484.08	-3.00	-3.65	035	68.
409	54397.	481.35	484.36	-3.01	-3.65	035	68.
410	54530.	481.62	484.63	-3.01	-3.64	035	68.
411	54663.	481.90	484.91	-3.01	-3.64	035	68.
412	54796.	482.17	485.18	-3.01	-3.64	035	68.
413	54929.	482.44	485.46	-3.02	-3.64	035	69.
414	55062.	482.71	485.74	-3.03	-3.64	035	69.
	55151.					EC. 245400.000	
	55189.					SEC. 245438.000	
415	55195.	483.00	486.00	-3.00	-3.64	035	69.
	55213.					SEC. 245462.000	
	55251.					SEC. 245500.000	
416	55328.	483.26	486.24	-2.98	-3.64	035	69.
	55381.					EC. 245630.000	
417	55461.	483.49	486.51	-3.02	-3.63	035	69.
418	55574.	483.78	486.81	-3.03	-3.63	035	69.
419	55727.	484.07	487.12	-3.05	-3.63	035	69.
420	55860.	484.37	487.43	-3.06	-3.63	035	70.
421	55993.	484.66	487.73	-3.07	-3.63	035	70.
422	56126.	484.96	488.04	-3.08	-3.63	035	70.
423	56259.	485.25	488.35	-3.10	-3.63	035	70.
424	56392.	485.55	488.65	-3.10	-3.62	035	70.
425	56525.	485.84	488.96	-3.12	-3.62	035	70.
	56551.					SEC. 246000.000	
	56560.					SEC. 246015.000	
	56571.					SEC. 246020.000	
	56591.					SEC. 246040.000	
	56596.					SEC. 246045.000	
	56611.					SEC. 246060.000	
426	56658.	486.13	489.22	-3.09	-3.62	035	70.
	56781.					SEC. 247030.000	
427	56791.	486.38	489.41	-3.03	-3.62	035	70.
428	56924.	486.61	489.61	-3.00	-3.62	035	70.
429	57057.	486.88	489.80	-2.96	-3.62	035	70.
430	57190.	487.15	490.08	-2.93	-3.62	035	70.
431	57323.	487.42	490.32	-2.90	-3.61	035	70.
432	57456.	487.69	490.56	-2.87	-3.61	035	70.
433	57589.	487.96	490.80	-2.84	-3.61	035	70.
434	57722.	488.23	491.04	-2.81	-3.61	035	70.
435	57855.	488.50	491.28	-2.78	-3.61	035	70.
436	57988.	488.77	491.52	-2.75	-3.61	035	70.
437	58121.	489.04	491.75	-2.71	-3.60	035	69.
438	58254.	489.31	491.99	-2.68	-3.60	035	69.
439	58387.	489.58	492.23	-2.65	-3.60	035	69.
440	58520.	489.85	492.47	-2.62	-3.60	035	69.
441	58653.	490.12	492.71	-2.59	-3.59	035	68.
442	58786.	490.39	492.95	-2.56	-3.59	035	68.
443	58919.	490.66	493.19	-2.53	-3.59	035	67.
444	59052.	490.93	493.43	-2.50	-3.59	035	67.
445	59185.	491.20	493.67	-2.47	-3.58	035	66.
446	59318.	491.47	493.90	-2.43	-3.58	035	66.
447	59451.	491.74	494.14	-2.40	-3.58	035	66.
448	59584.	492.01	494.38	-2.37	-3.58	035	66.
449	59717.	492.28	494.62	-2.34	-3.57	035	65.
450	59850.	492.55	494.86	-2.31	-3.57	035	65.
451	59983.	492.82	495.10	-2.28	-3.57	035	65.
452	60116.	493.09	495.34	-2.25	-3.57	035	65.
453	60249.	493.36	495.58	-2.22	-3.57	035	65.

60311.

SEC. 250560.000

60369.

SEC. 250618.000

454 60382. 493.65 495.78 -2.13 -3.56 035 65.

60394.

SEC. 250643.000

60431.

SEC. 250680.000

455 60515. 494.00 496.30 -2.30 -3.56 035 65.

60521.

SEC. 250770.000

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 200 WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLE 202 101 455
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR 01,02

MODIFICATION - 50,51,52,53

STOP

*****JOBCTRL ER 364 : NO LIST/DISPLAY AREA GIVEN

*****JOBCTRL ER 364 : NO LIST/DISPLAY AREA GIVEN

*****JOBCTRL ER 364 : NO LIST/DISPLAY AREA GIVEN

*****JOBCTRL ER 364 : NO LIST/DISPLAY AREA GIVEN

*****JOBCTRL ER 364 : NO LIST/DISPLAY AREA GIVEN

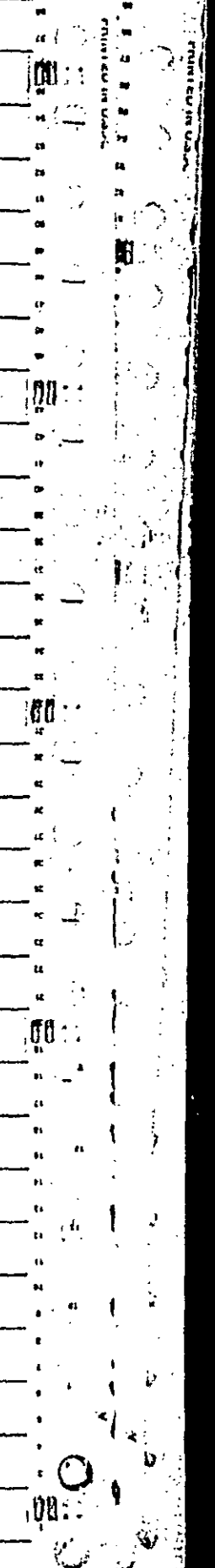
*****JOBCTRL ER 364 : NO LIST/DISPLAY AREA GIVEN

*****JOBCTRL ER 364 : NO LIST/DISPLAY AREA GIVEN

*****JOBCTRL ER 364 : NO LIST/DISPLAY AREA GIVEN

*****JOBCTRL ER 364 : NO LIST/DISPLAY AREA GIVEN

*****JOBCTRL ER 364 : NO LIST/DISPLAY AREA GIVEN



SEQJ (SUPPLIED BY COURTESY OF HARRIS)

*****JOB EXITED ON 8 SEP 78 14:03:47 *****

*****CPU TIME= 2MINS 10.70SECS *****

*****CONNECT TIME= 4MINS 50SECS *****

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR - 01,02

MODIFICATION - 50,51,52,53

C

T1 ORANGE CO. FIA STUDY

T2 NEW HOPE CREEK

T3 100 YEAR MAR 78 MLJ REVISED SEP 77 HP

J1 TONEGR INW WINV IDIR ST T METRIC HVVMS 9 WDEL FO

0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 240.300 0.000

J2 LPRDF IPELJ PRFVS XSECV XSEC FN ALDGC IDW GUNIM ITRAC

1.000 6.000 1.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 15.000

T3 VARIABLE CODES FOR SUMMARY PRINTOUT

56.000 1.000 3.000 41.000 47.000 5.000 43.000 0.000 38.000 1.000

55.000 21.000 22.000 59.000 0.000 0.000 200.000 0.000 0.000 0.000

NC	0.120	0.120	0.066	0.100	0.300	0.000	0.000	0.000	0.000	0.000	0.000
DI	5.000	5500.000	9300.000	10500.000	13000.000	10500.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	440.000	2440.000	0.000	0.000	0.000

DNH-1 VALLEY AT COUNTY LINE

X1	190260.000	19.000	1000.000	1037.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	270.000	0.000	260.000	220.000	255.900	370.000	255.500	470.000	254.400	570.000	0.000
GR	255.600	770.000	256.000	976.000	257.200	1000.000	252.600	1003.000	252.300	1013.000	0.000
GR	251.700	1023.000	251.100	1032.000	257.200	1037.000	256.800	1070.000	255.900	1170.000	0.000
GR	256.000	1070.000	257.000	2500.000	260.000	2250.000	270.000	5350.000	0.000	0.000	0.000
DI	5.000	3150.000	7400.000	6700.000	12300.000	6700.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	1290.000	2210.000	0.000	0.000	0.000

X1	191650.000	11.000	2000.000	2040.000	1590.000	1590.000	1590.000	0.000	0.000	0.000	0.000
GR	270.000	770.000	260.000	930.000	258.800	2000.000	252.500	2004.000	251.800	2025.000	0.000
GR	252.500	2034.000	258.800	2040.000	259.000	2100.000	259.000	2400.000	260.000	2480.000	0.000
GR	270.000	2730.000	0.000	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	990.000	1600.000	0.000	0.000	0.000

DNH-2 VALLEY

X1	194000.000	16.000	1000.000	1000.000	2150.000	2150.000	2150.000	0.000	0.000	0.000	0.000
GR	264.800	660.000	280.100	780.000	270.700	880.000	262.100	980.000	261.100	1000.000	0.000
GR	254.700	1005.000	254.000	1015.000	253.900	1025.000	254.700	1034.000	262.200	1004.000	0.000
GR	261.900	1080.000	261.500	1180.000	260.200	1280.000	260.500	1680.000	270.000	1740.000	0.000
GR	280.000	2120.000	0.000	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	920.000	1120.000	0.000	0.000	0.000

X1 194000.000 12.000 1000.000 1045.000 600.000 650.000 600.000 0.000 0.000 0.000

GR	250.000	740.000	270.000	830.000	264.000	920.000	262.500	1000.000	257.000	1005.000
GR	255.800	7010.600	255.800	1035.000	257.000	1040.000	262.500	1045.000	264.000	1125.000
GR	270.000	1200.000	280.000	1700.000	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	949.000	1090.000	0.000	0.000

X1	194657.000	14.000	455.000	1076.000	57.000	57.000	57.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	267.500	267.500	0.000
GR	280.000	740.000	270.000	830.000	264.000	920.000	263.000	955.000	262.500	1000.000
GR	257.000	1005.000	256.000	1010.000	256.000	1035.000	257.000	1040.000	262.500	1045.000
GR	263.000	1076.000	264.000	1125.000	270.000	1200.000	280.000	1700.000	0.000	0.000
GR	1.050	1.600	2.900	0.000	46.200	2.000	411.000	3.700	256.100	256.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	935.000	1105.000	0.000	0.000

DNH-3 SR-1734

X1	144643.000	0.000	0.000	0.000	26.000	26.000	26.000	1.000	0.100	0.000
X2	0.000	0.000	1.000	266.800	269.200	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	278.000	270.000	0.000
BT	12.000	634.000	281.000	0.000	784.000	274.700	0.000	884.000	269.900	0.000
BT	455.000	269.400	266.800	1076.000	269.200	266.600	1184.000	269.300	0.000	1284.000
BT	269.500	0.000	1384.000	270.400	0.000	1484.000	271.500	0.000	1584.000	272.900
BT	0.000	1684.000	275.200	0.000	1820.000	280.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	890.000	1110.000	0.000	0.000

X1	153700.000	12.000	1000.000	1046.000	17.000	17.000	17.000	0.000	0.000	0.000
GR	280.000	740.000	270.000	800.000	264.000	870.000	262.700	1000.000	257.200	1005.000
GR	256.200	1010.000	256.200	1035.000	257.200	1041.000	262.700	1046.000	264.000	1125.000
GR	270.000	1200.000	260.000	1800.000	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	945.000	1150.000	0.000	0.000

DNH-4 VALLEY

X1	195320.000	15.000	1000.000	1046.000	620.000	620.000	620.000	0.000	0.000	0.000
GR	282.700	862.000	254.400	932.000	263.400	962.000	263.700	1000.000	259.900	1002.000
GR	259.200	1012.000	258.700	1022.000	258.600	1052.000	258.600	1042.000	264.500	1046.000
GR	266.300	1062.000	267.000	1162.000	272.500	1262.000	283.500	1362.000	284.800	1372.000
BT	5.000	3100.000	7200.000	8500.000	12100.000	8500.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	590.000	1055.000	0.000	0.000

DNH-5 VALLEY

X1	197160.000	19.000	1000.000	1047.000	1840.000	1840.000	1840.000	0.000	0.000	0.000
GR	293.200	578.000	282.300	478.000	274.500	500.000	271.800	518.000	271.700	578.000
GR	270.600	588.000	274.100	601.000	274.200	678.000	273.700	778.000	274.000	878.000
GR	272.600	573.000	267.700	1006.000	265.200	1006.000	264.800	1016.000	264.500	1025.000
GR	205.000	1636.000	269.300	1042.000	271.800	1047.000	290.400	1072.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	590.000	1055.000	0.000	0.000

X1	197350.000	0.000	0.000	0.000	190.000	190.000	190.000	0.000	1.300	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1430.000	0.000	0.000

DNH-6 VALLEY

X1	198820.000	13.000	1000.000	1034.000	1470.000	1470.000	1470.000	0.000	0.000	0.000
GR	301.900	900.000	280.900	1000.000	276.300	1006.000	275.700	1016.000	276.200	1026.000
GR	277.000	1031.000	278.400	1034.000	282.800	1100.000	285.600	1200.000	255.100	1300.000
GR	284.400	1700.000	290.000	2080.000	300.000	2250.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1510.000	0.000	0.000

X1	199000.000	0.000	0.000	0.000	180.000	180.000	180.000	0.000	0.900	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	950.000	1525.000	0.000	0.000

X1	199400.000	0.000	0.000	0.000	400.000	400.000	400.000	0.000	1.000	0.000
OT	5.000	2470.000	5000.000	6400.000	10200.000	6400.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	940.000	1090.000	0.000	0.000

ONH-7 VALLEY

X1	200730.000	15.000	1000.000	1043.000	1330.000	1330.000	1330.000	0.000	0.000	0.000
GR	317.200	861.000	293.500	921.000	291.000	961.000	288.100	1000.000	285.600	1002.000
GR	285.200	1012.000	284.900	1022.000	285.400	1032.000	285.700	1041.000	288.200	1043.000
GR	289.900	1061.000	300.300	1161.000	304.000	1261.000	312.300	1361.000	314.300	1387.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	963.000	1068.000	0.000	0.000

X1	201200.000	11.000	1000.000	1040.000	470.000	470.000	470.000	0.000	0.000	0.000
GR	320.000	840.000	310.000	930.000	300.000	960.000	292.000	1000.000	289.500	1005.000
GR	269.000	1020.000	249.500	1035.000	292.000	1040.000	300.000	1070.000	310.000	1180.000
GR	320.000	1260.000	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	962.000	1068.000	0.000	0.000

X1	201350.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	2.300	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	962.000	1068.000	0.000	0.000

X1	201500.000	0.000	0.000	0.000	150.000	150.000	150.000	0.000	2.300	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	955.000	1052.000	0.000	0.000

X1	202900.000	12.000	1000.000	1040.000	1400.000	1400.000	1400.000	0.000	0.000	0.000
GR	350.000	800.000	340.000	890.000	330.000	940.000	319.000	975.000	314.000	1000.000
GR	315.500	1005.000	315.000	1020.000	315.500	1035.000	318.000	1040.000	330.000	1060.000
GR	340.000	1130.000	350.000	1200.000	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	951.000	1054.000	0.000	0.000

X1	203000.000	0.000	0.000	0.000	100.000	100.000	100.000	0.000	0.700	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	950.000	1055.000	0.000	0.000

X1	203200.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	1.350	0.000
OT	5.000	2370.000	4750.000	6100.000	9800.000	6100.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	930.000	1050.000	0.000	0.000

X1	205560.000	15.000	1000.000	1038.000	2160.000	2160.000	2160.000	1.000	-1.000	0.000
GR	358.900	884.000	345.700	908.000	343.700	916.000	341.000	984.000	336.300	1000.000
GR	352.900	1005.000	352.900	1015.000	333.200	1025.000	333.700	1035.000	336.300	1038.000
GR	356.800	1044.000	358.300	1104.000	356.200	1157.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.050	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	950.000	1050.000	0.000	0.000

ONH-B CONCRETE FORD

X1	205410.000	10.000	982.000	1053.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	356.400	875.000	337.400	937.000	335.800	975.000	335.700	982.000	335.500	1040.000
GR	335.500	1053.000	336.400	1075.000	344.100	1175.000	353.500	1275.000	357.300	1302.000
NC	0.000	0.000	0.060	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	930.000	1050.000	0.000	0.000

PRINTED IN U.S.A.

PRINTED IN U.S.A.

ONH-9 VALLEY

X1	205500.000	13.000	1000.000	1030.000	90.000	90.000	90.000	0.000	0.000	0.000
GR	358.900	844.000	343.700	906.000	343.700	916.000	341.000	944.000	336.300	1000.000
GR	332.900	1005.000	332.900	1015.000	333.200	1025.000	333.700	1035.000	336.300	1030.000
GR	336.800	1044.000	354.300	1144.000	356.200	1157.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	930.000	1050.000	0.000	0.000

X1	205930.000	0.000	0.000	0.000	430.000	430.000	430.000	0.000	2.200	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	943.000	1050.000	0.000	0.000

X1	206300.000	12.000	1000.000	1030.000	370.000	370.000	370.000	0.000	0.000	0.000
GR	365.000	830.000	360.000	880.000	350.000	940.000	341.000	985.000	340.500	1000.000
GR	338.000	1005.000	337.000	1019.000	338.000	1033.000	340.500	1038.000	350.000	1050.000
GR	360.000	1100.000	370.000	1130.000	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	955.000	1070.000	0.000	0.000

X1	207200.000	11.000	1000.000	1030.000	900.000	900.000	900.000	0.000	0.000	0.000
GR	400.000	880.000	350.000	930.000	350.000	980.000	345.000	1000.000	342.000	1005.000
GR	341.600	1019.000	342.000	1033.000	345.000	1038.000	350.000	1050.000	360.000	1090.000
GR	370.000	1130.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	5.000	2160.000	4300.000	5600.000	9150.000	5600.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	880.000	1045.000	0.000	0.000

ONH-10 VALLEY

X1	212000.000	12.000	1000.000	1035.000	4860.000	4860.000	4860.000	0.000	0.000	0.000
GR	401.200	520.000	381.600	520.000	377.300	720.000	376.000	820.000	373.400	920.000
GR	369.200	1000.000	367.500	1002.000	366.300	1012.000	367.100	1022.000	367.600	1029.000
GR	369.800	1035.000	390.100	1069.000	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	970.000	1085.000	0.000	0.000

X1	213465.000	17.000	1000.000	1050.000	1405.000	1405.000	1405.000	0.000	0.000	0.000
GR	400.000	740.000	390.000	850.000	380.000	960.000	376.500	1000.000	374.000	1005.000
GR	372.700	1010.000	371.700	1015.000	371.500	1020.000	371.800	1025.000	371.700	1030.000
GR	371.800	1035.000	372.300	1040.000	375.000	1045.000	376.500	1050.000	380.000	1100.000
GR	390.000	1200.000	400.000	1280.000	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	970.000	1085.000	0.000	0.000

X1	213515.000	0.000	0.000	0.000	50.000	50.000	50.000	1.000	0.100	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	384.000	384.000	0.000
SB	1.250	1.300	2.500	0.000	34.000	3.000	478.000	0.650	371.600	371.600
ET	0.000	0.000	0.000	0.000	0.000	7.100	970.000	1080.000	0.000	0.000

ONH-11 DUKES FOREST RD

X1	213526.000	17.000	1000.000	1050.000	11.000	11.000	11.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	363.400	385.000	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	385.700	385.700	0.000
BT	9.000	325.000	400.400	0.000	925.000	387.800	0.000	940.000	386.000	0.000
BT	967.000	385.400	0.000	1000.000	385.400	383.600	1050.000	385.400	385.600	1125.000
BT	388.000	0.000	1225.000	394.000	0.000	1297.000	400.000	0.000	0.000	0.000
GR	400.000	800.000	390.000	880.000	380.000	970.000	376.500	1000.000	374.100	1005.000
GR	372.800	1010.000	371.800	1015.000	371.600	1020.000	371.900	1025.000	371.800	1030.000
GR	371.900	1035.000	372.400	1040.000	375.100	1045.000	376.600	1050.000	380.000	1080.000
GR	390.000	1170.000	400.000	1220.000	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	970.000	1080.000	0.000	0.000

X1	213545.000	0.000	0.000	0.000	19.000	19.000	19.000	1.000	0.100	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	985.000	1100.000	0.000	0.000

OWN-12 VALLEY

X1	213690.000	12.000	1000.000	1052.000	145.000	145.000	145.000	0.000	0.000	0.000
GR	400.800	924.000	380.000	978.000	377.400	1000.000	372.300	1006.000	371.500	1016.000
GR	370.900	1026.000	371.300	1036.000	372.400	1048.000	376.100	1052.000	373.700	1100.000
GR	383.600	1124.000	398.300	1169.000	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	985.000	1100.000	0.000	0.000

X1	213800.000	0.000	0.000	0.000	110.000	110.000	110.000	0.000	0.400	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	985.000	1100.000	0.000	0.100

X1	214000.000	0.000	0.000	0.000	200.000	200.000	200.000	0.000	0.700	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.400	985.000	1100.000	0.000	0.000

X1	214300.000	0.000	0.000	0.000	300.000	300.000	300.000	0.000	1.100	0.000
OT	5.000	2000.000	4000.000	5170.000	8700.000	5170.000	0.000	0.900	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	945.000	1050.000	0.000	0.000

X1	215000.000	11.000	1000.000	1050.000	700.000	700.000	700.000	0.000	0.000	0.000
GR	400.000	860.000	390.000	910.000	381.000	950.000	380.600	1000.000	372.000	1008.000
GR	375.600	1025.000	377.000	1042.000	380.600	1050.000	381.900	1060.000	390.000	1070.000
GR	400.000	1090.000	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	970.000	1065.000	0.000	0.000

X1	215900.000	12.000	1000.000	1050.000	900.000	900.000	900.000	0.000	0.000	0.000
GR	410.000	850.000	400.000	920.000	390.000	940.000	384.000	1000.000	380.000	1005.000
GR	378.900	1010.000	378.900	1040.000	380.000	1045.000	384.000	1050.000	390.000	1060.000
GR	400.000	1100.000	410.000	1300.000	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	910.000	1070.000	0.000	0.000

OWN-13 VALLEY

X1	218310.000	15.000	1000.000	1051.000	2410.000	2410.000	2410.000	0.000	0.000	0.000
GR	416.000	654.000	410.700	754.000	405.800	854.000	394.600	906.000	394.800	954.000
GR	392.500	1000.000	388.500	1004.000	387.700	1014.000	387.900	1024.000	387.900	1034.000
GR	388.900	1044.000	389.200	1048.000	392.400	1051.000	393.700	1054.000	414.800	1054.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	972.000	1095.000	0.000	0.000

X1	221050.000	11.000	1000.000	1047.000	2740.000	2740.000	2740.000	0.000	0.000	0.000
GR	420.000	700.000	410.000	820.000	400.000	985.000	398.000	1000.000	394.000	1003.000
GR	393.200	1023.000	394.000	1043.000	398.000	1047.000	400.000	1100.000	410.000	1190.000
GR	420.000	1500.000	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	970.000	1095.000	0.000	0.000

X1	221091.000	12.000	985.000	1061.000	41.000	41.000	41.000	1.000	0.100	0.000
X5	10.000	0.000	0.000	0.000	0.000	0.000	0.000	403.700	405.200	0.000
GR	420.000	700.000	410.000	820.000	400.000	985.000	398.000	1000.000	394.000	1003.000
GR	393.200	1023.000	394.000	1043.000	398.000	1047.000	398.500	1061.000	400.000	1100.000
GR	410.000	1190.000	420.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.050	1.600	2.850	0.000	19.300	2.000	481.000	3.370	393.500	393.500
ET	0.000	0.000	0.000	0.000	0.000	7.100	970.000	1095.000	0.000	0.000

PRINTED IN U.S.A.

PRINTED IN U.S.A.

ONH-14 SR 1730

X1	221109.000	17.000	985.000	1061.000	18.000	18.000	18.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	403.100	404.100	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	405.500	405.000	0.000
BT	13.000	743.000	417.300	0.000	843.000	409.100	0.000	943.000	405.100	0.000
BT	985.000	404.700	403.100	1002.000	404.700	403.100	1002.000	404.700	402.300	1044.000
BT	404.800	402.300	1044.000	404.800	403.100	1061.000	404.800	403.100	1143.000	404.700
BT	0.000	1220.000	404.100	0.000	1243.000	408.500	0.000	1275.000	417.300	0.000
GR	420.300	843.000	415.300	893.000	406.300	943.000	400.000	985.000	397.900	1000.000
GR	393.600	1002.000	393.000	1013.000	392.600	1023.000	393.100	1033.000	394.100	1044.000
GR	399.700	1047.000	400.000	1061.000	403.100	1143.000	402.600	1243.000	404.400	1265.000
GR	405.100	1292.000	420.700	1333.000	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	990.000	1210.000	0.000	0.000

ONH-15 VALLEY

X1	221230.000	15.000	1000.000	1047.000	121.000	121.000	121.000	0.000	0.000	0.000
GR	420.300	843.000	415.300	893.000	406.300	943.000	397.900	1000.000	393.600	1003.000
GR	393.000	1013.000	392.600	1023.000	393.100	1033.000	394.100	1045.000	399.700	1047.000
GR	402.100	1143.000	402.600	1243.000	404.900	1265.000	405.100	1292.000	420.700	1333.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	960.000	1065.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	960.000	1065.000	0.000	0.000

X1	223400.000	12.000	1000.000	1050.000	2170.000	2170.000	2170.000	0.000	0.000	0.000
GR	420.300	790.000	420.000	840.000	410.000	930.000	402.000	960.000	401.500	1000.000
GR	397.000	1005.000	396.000	1025.000	397.000	1045.000	401.500	1050.000	410.000	1070.000
GR	420.000	1270.000	430.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	5.000	1670.000	3250.000	4250.000	7300.000	4250.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	960.000	1065.000	0.000	0.000

ONH-16 VALLEY

X1	223500.000	12.000	1000.000	1051.000	2100.000	2100.000	2100.000	0.000	0.000	0.000
GR	426.400	849.000	424.600	749.000	422.400	849.000	410.000	949.000	404.600	1000.000
GR	400.100	1005.000	399.900	1015.000	399.200	1025.000	399.200	1035.000	400.200	1046.000
GR	404.500	1051.000	428.300	1128.000	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	960.000	1065.000	0.000	0.000

X1	225900.000	0.000	0.000	0.000	400.000	400.000	400.000	0.000	2.400	0.000
BT	5.000	1650.000	3200.000	4150.000	7250.000	4150.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1080.000	0.000	0.000

X1	227300.000	11.000	1000.000	1044.000	1400.000	1400.000	1400.000	0.000	0.000	0.000
GR	440.000	830.000	430.000	900.000	420.000	970.000	413.500	1002.000	413.400	1007.000
GR	410.100	1022.000	411.000	1040.000	413.500	1044.000	420.000	1100.000	430.000	1160.000
GR	440.000	1400.000	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	980.000	1080.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	999.000	1040.000	0.000	0.000

X1	227340.000	14.000	1002.000	1040.000	40.000	40.000	40.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	422.500	422.500	0.000
GR	440.000	830.000	430.000	900.000	420.000	970.000	414.800	1002.000	413.400	1007.000
GR	412.500	1012.000	411.600	1022.000	410.600	1027.000	410.500	1032.000	410.600	1037.000
GR	413.000	1040.000	420.000	1100.000	430.000	1160.000	440.000	1400.000	0.000	0.000
SH	1.250	1.600	2.800	0.000	24.500	2.500	349.000	0.730	410.800	410.500
ET	0.000	0.000	0.000	0.000	0.000	7.100	957.000	1111.000	0.000	0.000

ONH-17 SR 1718

PRINTED IN U.S.A.

PRINTED IN U.S.A.

X1	227360.000	0.000	0.000	0.000	20.000	20.000	20.000	1.000	0.500	0.000
X2	0.000	0.000	1.000	422.100	423.400	0.000	0.000	0.000	0.000	0.000
BT	9.000	751.000	437.700	0.000	851.000	431.000	0.000	951.000	424.700	0.000
BT	1002.000	423.400	421.700	1040.000	423.800	422.100	1051.000	423.900	0.000	1151.000
BT	427.600	0.000	1251.000	433.100	0.000	297.000	437.700	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1100.000	0.000	0.000

X1	227380.000	0.000	0.000	0.000	20.000	20.000	20.000	1.000	0.500	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1100.000	0.000	0.000

DRY-TO VALLEY

X1	227470.000	15.000	1000.000	1042.000	90.000	90.000	90.000	0.000	0.000	0.000
GR	457.100	847.000	431.400	916.000	424.500	947.000	416.200	1000.000	413.800	1010.000
GR	413.700	1020.000	413.600	1036.000	414.000	1037.000	415.300	1042.000	415.300	1047.000
GR	420.900	1147.000	422.100	1174.000	432.600	1207.000	435.200	1247.000	437.800	1281.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	981.000	1100.000	0.000	0.000

X1	227500.000	0.000	0.000	0.000	130.000	130.000	130.000	0.000	0.950	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1100.000	0.000	0.000

X1	227850.000	0.000	0.000	0.000	250.000	250.000	250.000	0.000	1.850	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1100.000	0.000	0.000

X1	228100.000	0.000	0.000	0.000	250.000	250.000	250.000	0.000	1.850	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1100.000	0.000	0.000

X1	228600.000	0.000	0.000	0.000	500.000	500.000	500.000	0.000	3.700	0.000
BT	5.000	1560.000	3040.000	3950.000	6900.000	3950.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	978.000	1060.000	0.000	0.000

X1	232400.000	11.000	1000.000	1040.000	3800.000	3800.000	3800.000	0.000	0.000	0.000
GR	480.000	750.000	470.900	920.000	460.000	980.000	454.000	1000.000	451.000	1005.000
GR	450.000	1020.000	451.000	1035.000	454.000	1040.000	460.000	1060.000	470.000	1100.000
GR	480.000	1180.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.050	0.050	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	232454.000	0.000	420.000	561.000	54.000	54.000	54.000	0.000	0.000	0.000
GR	480.500	200.000	465.000	420.000	457.000	450.000	452.000	450.100	450.100	495.000
GR	454.800	530.000	471.000	561.000	480.000	640.000	0.000	0.000	0.000	0.000
NC	0.035	0.035	0.035	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	232455.000	57.000	400.000	571.000	1.000	1.000	1.000	0.000	0.000	0.000
BT	6.000	400.000	477.500	475.500	452.000	477.500	475.500	453.000	477.500	465.500
BT	500.000	477.600	465.500	501.000	477.600	475.500	570.000	477.800	475.500	0.000
GR	480.500	200.000	477.000	260.000	477.500	400.000	473.000	401.000	470.000	410.000
GR	477.000	410.500	470.000	411.000	464.000	424.000	477.000	424.500	464.000	425.000
GR	463.000	432.000	463.000	433.000	463.000	445.000	451.700	450.000	450.200	494.000
GR	462.000	495.000	462.000	500.000	462.000	501.000	462.000	509.000	477.000	509.500
GR	462.000	510.000	462.000	520.000	477.000	521.000	454.000	522.000	457.000	535.000
GR	477.000	535.500	457.000	536.000	463.700	548.000	477.000	548.500	463.700	549.000
GR	470.500	560.000	477.000	560.500	470.500	561.000	473.800	570.000	477.800	571.000
GR	477.900	622.000	480.000	640.000	0.000	0.000	0.000	0.000	0.000	0.000

PRINTED IN U.S.A.

ONH-19 SOUTHERN RR

X1	232465.000	0.000	0.000	0.000	20.000	20.000	20.000	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	0.050	0.050	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	232466.000	0.000	420.000	561.000	1.000	1.000	1.000	0.000	0.000	0.000
GR	480.500	200.000	465.000	420.000	457.000	450.000	452.000	450.100	450.100	495.000
GR	454.800	530.000	471.000	561.000	480.000	640.000	0.000	0.000	0.000	0.000
NC	0.120	0.120	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	940.000	1065.000	0.000	0.000

X1	232500.000	11.000	1000.000	1040.000	35.000	35.000	35.000	0.000	0.000	0.000
GR	480.000	750.000	470.000	920.000	460.000	980.000	454.500	1000.000	451.500	1005.000
GR	450.600	1020.000	451.500	1035.000	454.500	1040.000	460.000	1050.000	470.000	1100.000
ET	480.000	1180.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ONH-20 VALLEY

X1	232770.000	13.000	1000.000	1039.000	270.000	270.000	270.000	0.000	0.000	0.000
GR	470.400	702.000	472.100	882.000	458.800	964.000	457.700	982.000	455.500	1000.000
GR	452.700	1001.000	452.400	1011.000	452.300	1021.000	452.600	1031.000	453.000	1037.000
GR	456.100	1039.000	467.200	1082.000	477.200	1128.000	0.000	0.000	0.000	0.000
NI	5.000	1520.000	2950.000	3820.000	6700.000	3820.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.400	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	940.000	1400.000	0.000	0.000

ONH-21 VALLEY

X1	230840.000	25.000	1000.000	1057.000	2070.000	2070.000	2070.000	0.000	0.000	0.000
GR	486.000	683.000	475.100	779.000	470.100	785.000	471.000	793.000	470.800	804.000
GR	469.700	815.000	469.200	825.000	464.200	831.000	463.300	883.000	461.000	923.000
GR	461.200	1000.000	455.800	1005.000	455.800	1015.000	455.500	1025.000	455.900	1029.000
GR	461.200	1037.000	461.600	1083.000	463.500	1183.000	463.300	1283.000	462.500	1383.000
GR	462.700	1485.000	469.100	1556.000	480.100	1572.000	480.300	1577.000	483.900	1647.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	850.000	1100.000	0.000	0.000

X1	236100.000	11.000	1000.000	1035.000	1260.000	1260.000	1260.000	0.000	0.000	0.000
GR	480.000	500.000	470.000	600.000	462.000	900.000	461.500	1000.000	458.000	1003.000
GR	456.900	1017.000	458.000	1032.000	461.500	1035.000	462.000	1115.000	470.000	1200.000
GR	480.000	1330.000	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	967.000	1056.000	0.000	0.000

X1	236129.000	13.000	967.000	1056.000	29.000	29.000	29.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	469.000	469.000	0.000
GR	480.000	500.000	470.000	600.000	462.000	900.000	461.700	967.000	461.500	1000.000
GR	458.000	1003.000	457.000	1017.000	458.000	1032.000	461.500	1035.000	461.600	1056.000
GR	462.000	1115.000	470.000	1200.000	480.000	1330.000	0.000	0.000	0.000	0.000
SB	1.250	1.600	2.900	0.000	17.500	6.500	569.000	3.500	457.100	457.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	967.000	1056.000	0.000	0.000

ONH-22 NC HWY 86

X1	236152.000	0.000	0.000	0.000	23.000	23.000	23.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	468.400	470.500	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	471.000	471.000	0.000
BT	12.000	550.000	480.000	0.000	643.000	472.300	0.000	743.000	472.000	0.000
BT	843.000	471.600	0.000	943.000	470.800	0.000	967.000	470.700	468.400	1056.000
BT	470.800	468.400	1123.000	471.000	0.000	1243.000	471.100	0.000	1343.000	472.500

PRINTED IN U.S.A.

NY	0.000	1443.000	474.400	0.000	1543.000	477.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	905.000	1140.000	0.000	0.000

X1	236190.000	11.000	1000.000	1034.000	38.000	38.000	38.000	0.000	0.000	0.000
GR	480.000	552.000	470.000	720.000	62.000	920.000	461.500	1000.000	458.000	1003.000
GR	457.200	1017.000	458.000	1031.000	41.500	1034.000	463.000	1230.000	470.000	1400.000
GR	480.000	1480.000	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	905.000	1140.000	0.000	0.000

ONH-23 VALLEY

X1	236510.000	19.000	1000.000	1034.000	320.000	320.000	320.000	0.000	0.000	0.000
GR	482.700	547.000	476.600	638.000	473.500	694.000	470.400	747.000	467.100	847.000
GR	463.400	747.000	462.100	1000.000	458.600	1001.000	458.300	1010.000	458.100	1020.000
GR	458.700	1026.000	463.400	1034.000	463.700	1047.000	466.300	1147.000	467.700	1247.000
GR	467.200	1257.000	479.000	1325.000	480.300	1347.000	483.400	1371.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1325.000	0.000	0.000

X1	237900.000	10.000	1000.000	1035.000	1390.000	1390.000	1390.000	0.000	0.000	0.000
GR	480.000	910.000	470.000	960.000	464.000	1000.000	461.000	1005.000	460.500	1018.000
GR	461.000	1030.000	465.000	1035.000	468.000	1040.000	470.000	1060.000	480.000	1550.000
OT	5.000	1500.000	2930.000	3790.000	6600.000	3790.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	800.000	1050.000	0.000	0.000

X1	239100.000	9.000	1000.000	1035.000	1200.000	1200.000	1200.000	0.000	0.000	0.000
GR	480.000	520.000	470.000	750.000	466.000	1000.000	463.000	1005.000	462.700	1018.000
GR	463.000	1030.000	467.000	1035.000	470.000	1090.000	480.000	1130.000	0.000	0.000
OT	5.000	1330.000	2600.000	3190.000	3900.000	3190.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	770.000	1130.000	0.000	0.000

X1	239900.000	11.000	1000.000	1035.000	800.000	800.000	800.000	0.000	0.000	0.000
GR	490.000	470.000	480.000	600.000	470.000	700.000	467.500	1000.000	464.500	1005.000
GR	464.100	1018.000	464.500	1030.000	468.500	1035.000	470.000	1200.000	480.000	1300.000
GR	490.000	1390.000	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	850.000	1320.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	720.000	1050.000	0.000	0.000

X1	240450.000	11.000	1000.000	1035.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	490.000	530.000	480.000	570.000	470.000	800.000	468.500	1000.000	465.500	1005.000
GR	465.000	1018.000	465.500	1030.000	469.500	1035.000	470.000	1390.000	480.000	1500.000
GR	490.000	1600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	241550.000	11.000	1000.000	1034.000	1100.000	1100.000	1100.000	0.000	0.000	0.000
GR	490.000	250.000	480.000	420.000	473.000	540.000	470.500	1000.000	467.500	1005.000
GR	467.000	1017.000	467.500	1030.000	472.000	1034.000	473.000	1080.000	480.000	1130.000
GR	490.000	1200.000	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	925.000	1050.000	0.000	0.000

ONH-24 VALLEY

X1	241860.000	16.000	1000.000	1035.000	310.000	310.000	310.000	0.000	0.000	0.000
GR	500.500	472.000	492.100	572.000	485.800	672.000	480.100	772.000	472.000	831.000
GR	474.400	872.000	471.000	972.000	470.700	1000.000	467.800	1002.000	467.400	1012.000
GR	467.500	1022.000	460.000	1030.000	473.200	1035.000	475.800	1072.000	491.300	1172.000
GR	494.300	1197.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OT	5.000	1250.000	2450.000	3080.000	5400.000	3080.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	975.000	1122.000	0.000	0.000

PRINTED IN U.S.A.
PRINTED IN U.S.A.

ONH-25 VALLEY

X1	244350.000	13.000	1000.000	1029.000	2490.000	2490.000	2490.000	0.000	0.000	0.000
GR	499.200	818.000	483.300	918.000	475.000	1000.000	473.200	1002.000	472.500	1012.000
GR	473.600	1026.000	475.600	1029.000	480.600	1040.000	478.800	1118.000	484.000	1218.000
GR	491.100	1318.000	496.700	1418.000	496.600	1463.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	975.000	1107.000	0.000	0.000

X1	245400.000	11.000	1000.000	1030.000	1050.000	1050.000	1050.000	0.000	0.000	0.000
GR	500.000	720.000	490.000	880.000	481.000	970.000	479.500	1100.000	475.000	1003.000
GR	474.400	1015.000	475.000	1027.000	479.500	1030.000	481.000	1100.000	490.000	1280.000
GR	500.000	1360.000	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	962.000	1066.000	0.000	0.000

X1	245430.000	13.000	962.000	1066.000	38.000	38.000	38.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	492.500	492.500	0.000
GR	500.000	720.000	490.000	880.000	481.700	970.000	481.000	970.000	479.500	1000.000
GR	475.000	1003.000	474.400	1015.000	475.000	1027.000	479.500	1030.000	480.300	1066.000
GR	481.000	1100.000	490.000	1280.000	500.000	1340.000	0.000	0.000	0.000	0.000
SB	1.250	1.600	2.800	0.000	35.000	1.500	1130.000	2.200	475.100	475.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	962.000	1066.000	0.000	0.000

ONH-26 SR 1723

X1	245462.000	13.000	962.000	1066.000	24.000	24.000	24.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	491.700	493.900	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	494.500	494.500	0.000
BT	10.000	690.000	506.800	0.000	790.000	499.500	0.000	890.000	495.000	0.000
BT	962.000	493.900	491.700	1066.000	493.900	491.700	1090.000	493.900	0.000	1190.000
BT	494.700	0.000	1290.000	498.900	0.000	1390.000	504.000	0.000	1460.000	506.800
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	500.000	800.000	490.000	920.000	482.800	962.000	481.000	975.000	479.600	1000.000
GR	475.000	1003.000	474.500	1015.000	475.000	1027.000	479.600	1030.000	480.700	1066.000
GR	481.000	1075.000	490.000	1220.000	500.000	1350.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	980.000	1080.000	0.000	0.000

X1	245500.000	11.000	1000.000	1030.000	38.000	38.000	38.000	0.000	0.000	0.000
GR	500.000	800.000	490.000	920.000	481.000	975.000	479.600	1000.000	475.000	1003.000
GR	474.500	1015.000	475.000	1027.000	479.600	1030.000	481.000	1075.000	490.000	1220.000
GR	500.000	1350.000	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	980.000	1080.000	0.000	0.000

ONH-27 VALLEY

X1	245630.000	14.000	1000.000	1030.000	130.000	130.000	130.000	0.000	0.000	0.000
GR	503.900	793.000	497.900	893.000	495.400	920.000	480.500	985.000	479.300	993.000
GR	479.200	1000.000	475.400	1002.000	474.600	1012.000	474.500	1022.000	475.300	1025.000
GR	480.900	1030.000	483.800	1093.000	494.300	1193.000	502.200	1239.000	0.000	0.000
QT	5.000	1100.000	2170.000	2810.000	4920.000	2810.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	860.000	1070.000	0.000	0.000

X1	246800.000	14.000	1000.000	1025.000	1170.000	1170.000	1170.000	0.000	0.000	0.000
GR	510.000	500.000	500.000	600.000	490.000	760.000	484.000	850.000	483.000	950.000
GR	482.800	1000.000	479.000	1002.000	478.000	1012.000	479.000	1022.000	482.800	1025.000
GR	485.000	1090.000	490.000	1180.000	500.000	1300.000	510.000	1530.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	860.000	1070.000	0.000	0.000

X1	246815.000	28.000	1002.000	1023.000	15.000	15.000	15.000	0.000	0.000	0.000
----	------------	--------	----------	----------	--------	--------	--------	-------	-------	-------

X1	250618.000	10.000	980.000	1041.000	58.000	58.000	58.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	497.500	497.500	0.000
GR	510.000	480.000	500.000	700.000	491.200	980.000	490.500	1000.000	487.500	1015.000
GR	487.300	1030.000	491.200	1041.000	500.000	1220.000	505.000	1500.000	510.000	1000.000
SB	1.050	1.600	2.900	0.000	36.000	1.000	482.000	1.900	487.600	487.500

ONH-29 BR 1009

X1	250643.000	0.000	0.000	0.000	25.000	25.000	25.000	1.000	0.100	0.000
X2	0.000	0.000	1.000	496.800	498.500	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	499.000	499.000	0.000
BT	12.000	543.000	508.700	0.000	642.000	504.500	0.000	743.000	501.300	0.000
BT	843.000	499.000	0.000	943.000	498.600	0.000	980.000	498.500	496.800	1041.000
BT	498.600	496.800	1143.000	498.500	0.000	1243.000	498.800	0.000	1343.000	501.100
BT	0.000	1500.000	505.000	0.000	2000.000	510.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	950.000	1040.000	0.000	0.000

X1	250680.000	10.000	1000.000	1036.000	37.000	37.000	37.000	0.000	0.000	0.000
GR	510.000	480.000	500.000	700.000	491.000	1000.000	488.000	1003.000	487.600	1018.000
GR	488.000	1033.000	491.500	1036.000	500.000	1220.000	505.000	1600.000	510.000	2050.000
QT	5.000	1090.000	2150.000	2790.000	4900.000	2790.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	7.100	950.000	1040.000	0.000	0.000

ONH-30 VALLEY

X1	250770.000	16.000	1000.000	1036.000	90.000	90.000	90.000	0.000	0.000	0.000
GR	516.300	656.000	505.500	756.000	498.800	803.000	496.400	856.000	494.300	956.000
GR	491.100	1000.000	488.800	1001.000	488.000	1011.000	488.700	1021.000	489.500	1032.000
GR	492.300	1036.000	495.600	1056.000	497.100	1156.000	501.200	1256.000	508.600	1356.000
GR	510.000	1406.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR - 01,02

MODIFICATION - 50,51,52,53

T1 ORANGE CO.FIA STUDY

T2 NEW HOPE CREEK

T3 100 YEAR ENC

J1	ICHECK	IND	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	6.	0.	0.	0.000000	0.00	0.0	0.	261.300	0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.0000	0.000	0.000	0.0000	0.000	0.000	15.000

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR - 01,02

MODIFICATION - 50,51,52,53

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

100 YEAR MAR 78 HLJ

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELLC	ELMIN	10K*9	D
190260.000	260.30	260.32	0.00	251.10	9.86	10500.00
190260.000	261.30	261.32	0.00	251.10	6.32	10500.00
191850.000	262.53	262.64	0.00	251.80	25.67	8700.00
191850.000	263.02	263.23	0.00	251.80	36.06	8700.00
194000.000	266.72	266.82	0.00	253.90	15.25	8700.00
194000.000	267.61	267.73	0.00	253.90	13.59	8700.00
194600.000	267.66	269.21	0.00	255.80	112.11	8700.00
194600.000	268.40	269.83	0.00	255.80	93.24	8700.00
194657.000	269.12	269.69	0.00	256.00	44.45	8700.00
194657.000	269.36	270.30	0.00	256.00	59.79	8700.00
194683.000	270.15	270.57	266.80	256.10	29.46	8700.00
194683.000	269.71	270.70	266.80	256.10	58.83	8700.00
194700.000	270.18	270.63	0.00	256.20	32.48	8700.00
194700.000	270.03	270.81	0.00	256.20	48.09	8700.00
195320.000	272.27	272.81	0.00	258.60	37.32	8700.00
195320.000	272.86	273.58	0.00	258.60	41.46	8700.00
197160.000	278.32	278.64	0.00	260.50	26.90	8500.00
197160.000	279.13	279.48	0.00	260.50	25.16	8500.00
197350.000	278.83	279.30	0.00	265.80	40.19	8500.00
197350.000	279.60	280.10	0.00	265.80	36.73	8500.00
198820.000	286.98	287.77	0.00	275.70	86.84	8500.00
198820.000	287.47	288.56	0.00	275.70	97.16	8500.00
199000.000	288.54	289.00	0.00	276.60	52.29	8500.00
199000.000	289.30	289.84	0.00	276.60	50.35	8500.00
199400.000	290.58	290.99	0.00	278.50	47.29	8500.00
199400.000	291.29	291.78	0.00	278.50	46.69	8500.00

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

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

100 YEAR MAR 78 HLJ

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELLC	ELMIN	10K*S	Q
190260.000	260.30	260.32	0.00	251.10	9.86	10500.00
190260.000	261.30	261.32	0.00	251.10	6.32	10500.00
191850.000	262.53	262.64	0.00	251.80	25.67	8700.00
191850.000	263.02	263.23	0.00	251.80	36.00	8700.00
194000.000	266.72	266.82	0.00	253.90	15.25	8700.00
194000.000	267.61	267.73	0.00	253.90	13.59	8700.00
194600.000	267.66	267.21	0.00	255.80	112.11	8700.00
194600.000	268.40	269.83	0.00	255.80	93.24	8700.00
194657.000	269.12	269.69	0.00	256.00	44.45	8700.00
194657.000	269.36	270.30	0.00	256.00	59.79	8700.00
194683.000	270.15	270.57	266.80	256.10	29.46	8700.00
194683.000	269.71	270.70	266.80	256.10	58.83	8700.00
194700.000	270.18	270.63	0.00	256.20	32.48	8700.00
194700.000	270.03	270.81	0.00	256.20	48.08	8700.00
195320.000	272.27	272.81	0.00	251.60	37.32	8700.00
195320.000	272.86	273.58	0.00	258.10	41.46	8700.00
197160.000	278.32	278.64	0.00	260.50	73.90	8500.00
197160.000	279.13	279.48	0.00	260.50	25.16	8500.00
197350.000	278.83	279.30	0.00	265.80	40.19	8500.00
197350.000	279.60	280.10	0.00	265.80	36.73	8500.00
198820.000	286.98	287.77	0.00	275.70	86.84	8500.00
198820.000	287.41	288.56	0.00	275.70	97.6	8500.00
199000.000	288.54	289.00	0.00	276.60	52.29	8500.00
199000.000	289.30	289.84	0.00	276.60	50.35	8500.00
199400.000	290.58	290.99	0.00	278.50	47.29	8500.00
199400.000	291.29	291.78	0.00	278.50	46.69	8500.00

SEENO	CWSEL	EG	ELLC	ELMIN	10K+6	0
200730.000	296.79	297.59	0.00	284.90	50.82	6400.00
200730.000	297.28	298.08	0.00	284.90	46.67	6400.00
201200.000	299.39	302.08	0.00	289.00	162.01	6400.00
201200.000	299.67	302.15	0.00	289.00	144.36	6400.00
201350.000	301.88	304.44	0.00	291.30	150.66	6400.00
201350.000	301.82	304.42	0.00	291.30	153.74	6400.00
201500.000	304.14	306.73	0.00	293.60	152.86	6400.00
201500.000	304.13	306.72	0.00	293.60	153.32	6400.00
202900.000	325.31	327.58	0.00	315.00	144.79	6400.00
202900.000	325.32	327.58	0.00	315.00	144.40	6400.00
203000.000	327.09	328.81	0.00	315.70	97.23	6400.00
203000.000	327.09	328.81	0.00	315.70	97.22	6400.00
203200.000	329.10	330.57	0.00	317.05	77.76	6400.00
203200.000	329.10	330.57	0.00	317.05	77.64	6400.00
205360.000	344.09	345.04	0.00	331.90	57.50	6100.00
205360.000	344.35	345.45	0.00	331.90	60.93	6100.00
205410.000	344.56	345.18	0.00	335.50	11.37	6100.00
205410.000	344.79	345.60	0.00	335.50	12.95	6100.00
205500.000	344.37	345.56	0.00	332.90	76.37	6100.00
205500.000	344.68	345.99	0.00	332.90	77.00	6100.00
205930.000	347.44	348.34	0.00	335.10	54.23	6100.00
205930.000	347.79	348.82	0.00	335.10	56.23	6100.00
206300.000	349.41	350.98	0.00	337.00	81.92	6100.00
206300.000	349.85	351.26	0.00	337.00	70.53	6100.00
207200.000	355.59	356.82	0.00	341.60	52.05	6100.00
207200.000	355.51	356.76	0.00	341.60	53.12	6100.00
212060.000	376.42	378.93	0.00	362.00	39.41	5600.00
212060.000	378.87	379.48	0.00	362.00	40.82	5600.00
213465.000	383.88	384.56	0.00	371.50	40.08	5600.00
213465.000	384.44	385.23	0.00	371.50	40.21	5600.00
213515.000	384.11	385.76	0.00	371.60	38.04	5600.00
213515.000	384.76	385.43	0.00	371.60	38.70	5600.00
213526.000	386.07	386.54	383.60	371.60	22.11	5600.00
213526.000	386.30	386.91	383.60	371.60	25.23	5600.00
213545.000	386.13	386.58	0.00	371.50	21.00	5600.00
213545.000	386.37	386.95	0.00	371.50	24.16	5600.00
213690.000	386.49	386.85	0.00	370.90	15.32	5600.00
213690.000	386.82	387.26	0.00	370.90	16.85	5600.00

PRINTED IN U.S.A.

SECNO	CWSEL	EG	ELLE	ELMIN	10K+S	Q
213800.000	386.65	387.03	0.00	371.30	16.41	5600.00
213800.000	387.00	387.45	0.00	371.30	17.81	5600.00
214000.000	386.98	387.39	0.00	372.00	18.38	5600.00
214000.000	387.36	387.84	0.00	372.00	19.49	5600.00
214300.000	387.54	388.00	0.00	373.10	21.64	5600.00
214300.000	387.94	388.50	0.00	373.10	23.48	5600.00
215000.000	389.13	389.57	0.00	375.60	23.12	5170.00
215000.000	389.00	390.26	0.00	375.60	26.59	5170.00
215900.000	391.53	392.52	0.00	378.90	43.52	5170.00
215900.000	392.26	393.10	0.00	378.90	34.97	5170.00
218310.000	400.19	400.66	0.00	387.70	26.69	5170.00
218310.000	400.19	400.71	0.00	387.70	28.44	5170.00
221050.000	406.60	406.95	0.00	393.20	19.88	5170.00
221050.000	407.16	407.63	0.00	393.20	22.52	5170.00
221091.000	406.75	407.03	0.00	393.30	16.65	5170.00
221091.000	407.36	407.72	0.00	393.30	17.79	5170.00
221109.000	407.06	407.26	403.10	392.60	12.44	5170.00
221109.000	407.36	407.74	403.10	392.60	18.91	5170.00
221230.000	407.20	407.42	0.00	392.60	13.45	5170.00
221230.000	407.67	407.95	0.00	392.60	14.86	5170.00
223400.000	410.54	410.98	0.00	396.00	19.60	5170.00
223400.000	411.16	411.63	0.00	396.00	18.84	5170.00
225500.000	414.04	414.36	0.00	399.20	12.84	4250.00
225500.000	414.54	414.87	0.00	399.20	12.30	4250.00
225900.000	414.60	415.08	0.00	401.60	23.04	4250.00
225900.000	415.07	415.54	0.00	401.60	20.59	4250.00
227300.000	419.60	420.77	0.00	410.10	82.66	4150.00
227300.000	419.64	420.78	0.00	410.10	80.38	4150.00
* 227340.000	419.01	422.65	0.00	410.30	312.75	4150.00
* 227340.000	419.01	422.65	0.00	410.30	374.41	4150.00
* 227360.000	422.36	423.06	422.10	410.80	48.15	4150.00
* 227360.000	422.36	423.06	422.10	410.80	48.15	4150.00
227380.000	422.38	423.21	0.00	411.30	59.69	4150.00
227380.000	422.35	423.22	0.00	411.30	62.33	4150.00
227470.000	423.23	423.67	0.00	413.60	38.33	4150.00
227470.000	423.12	423.75	0.00	413.60	49.51	4150.00
227600.000	423.72	424.26	0.00	414.55	48.40	4150.00
227600.000	423.76	424.45	0.00	414.55	56.63	4150.00

SECHO	CWSEL	EG	ELLC	ELMIN	FOKAS	U
227850.000	425.81	425.70	0.00	416.40	65.33	4150.00
227850.000	425.24	426.01	0.00	416.40	66.52	4150.00
228100.000	426.69	427.43	0.00	418.25	72.11	4150.00
228100.000	426.93	427.74	0.00	418.25	71.41	4150.00
228600.000	430.34	431.10	0.00	421.95	74.33	4150.00
228600.000	430.56	431.38	0.00	421.95	74.08	4150.00
232400.000	460.23	461.62	0.00	450.00	86.27	3950.00
232400.000	460.26	461.64	0.00	450.00	85.12	3950.00
232454.000	461.53	461.85	0.00	450.10	10.29	3950.00
232454.000	461.55	461.86	0.00	450.10	10.22	3950.00
232455.000	461.23	461.98	475.50	450.20	27.34	3950.00
232455.000	461.25	461.99	475.50	450.20	27.14	3950.00
232465.000	461.30	462.03	475.50	450.20	26.77	3950.00
232465.000	461.32	462.05	475.50	450.20	26.58	3950.00
232466.000	461.78	462.08	0.00	450.10	9.44	3950.00
232466.000	461.79	462.09	0.00	450.10	9.39	3950.00
232500.000	461.24	462.41	0.00	450.60	69.06	3950.00
232500.000	461.26	462.42	0.00	450.60	68.47	3950.00
232770.000	463.23	463.94	0.00	452.30	45.03	3950.00
232770.000	463.23	463.95	0.00	452.30	44.91	3950.00
234840.000	467.16	467.22	0.00	455.50	7.62	3820.00
234840.000	467.66	467.74	0.00	455.50	9.47	3820.00
236100.000	468.27	468.36	0.00	456.90	10.75	3820.00
236100.000	468.96	469.08	0.00	456.90	11.79	3820.00
236129.000	468.07	468.52	0.00	457.00	31.87	3820.00
236129.000	468.85	469.20	0.00	457.00	28.22	3820.00
236152.000	468.81	469.19	468.40	457.00	23.73	3820.00
236152.000	469.63	469.95	468.40	457.00	21.45	3820.00
236190.000	469.22	469.26	0.00	457.20	5.30	3820.00
236190.000	469.92	470.02	0.00	457.20	9.10	3820.00
236510.000	469.42	469.57	0.00	458.10	17.07	3820.00
236510.000	470.24	470.42	0.00	458.10	16.33	3820.00
237900.000	471.37	471.45	0.00	460.50	10.89	3820.00
237900.000	472.11	472.20	0.00	460.50	10.19	3820.00
239100.000	472.96	473.10	0.00	462.70	17.52	3790.00
239100.000	473.61	473.78	0.00	462.70	17.10	3790.00
239900.000	473.98	473.98	0.00	464.10	7.00	3190.00
239900.000	474.64	474.69	0.00	464.10	7.53	3190.00

PRINTED IN U.S.A.

SECNO	GWSEL	EG	ELLC	ELMTN	10K*8	Q
240450.000	474.32	474.35	0.00	465.00	6.17	3190.00
240450.000	475.13	475.22	0.00	465.00	12.08	3190.00
241550.000	475.36	475.44	0.00	467.00	17.77	3190.00
241550.000	476.31	476.36	0.00	467.00	8.84	3190.00
241860.000	476.00	476.41	0.00	467.40	51.14	3190.00
241860.000	476.51	477.07	0.00	467.40	56.18	3190.00
244350.000	483.88	484.12	0.00	472.50	20.42	3080.00
244350.000	484.76	485.07	0.00	472.50	20.35	3080.00
245400.000	486.06	486.28	0.00	474.40	20.63	3080.00
245400.000	486.92	487.19	0.00	474.40	20.08	3080.00
245438.000	486.11	486.37	0.00	474.40	20.00	3080.00
245438.000	487.07	487.26	0.00	474.40	15.07	3080.00
245462.000	486.15	486.41	491.70	474.50	21.86	3080.00
245462.000	487.09	487.30	491.70	474.50	16.21	3080.00
245500.000	486.20	486.52	0.00	474.50	26.47	3080.00
245500.000	487.04	487.43	0.00	474.50	26.26	3080.00
245630.000	486.48	486.97	0.00	474.50	35.62	3080.00
245630.000	487.35	487.81	0.00	474.50	29.09	3080.00
246800.000	489.17	489.25	0.00	478.00	11.46	2810.00
246800.000	489.88	489.99	0.00	478.00	12.19	2810.00
246815.000	489.21	489.27	0.00	478.10	13.60	2810.00
246815.000	489.93	490.01	0.00	478.10	14.86	2810.00
246820.000	489.18	489.29	510.00	478.10	13.14	2810.00
246820.000	489.89	490.04	510.00	478.10	13.96	2810.00
246840.000	489.21	489.32	510.00	478.50	12.74	2810.00
246840.000	489.92	490.07	510.00	478.50	13.75	2810.00
246845.000	489.28	489.33	0.00	478.50	13.31	2810.00
246845.000	490.00	490.08	0.00	478.50	14.85	2810.00
246860.000	489.20	489.35	0.00	478.50	10.98	2810.00
246860.000	490.01	490.11	0.00	478.50	11.92	2810.00
247030.000	489.47	489.54	0.00	478.60	10.51	2810.00
247030.000	490.21	490.31	0.00	478.60	11.18	2810.00
250560.000	495.81	496.20	0.00	487.10	41.37	2810.00
250560.000	496.73	497.27	0.00	487.10	41.36	2810.00
250618.000	495.85	496.61	0.00	487.30	66.83	2810.00
250618.000	496.96	497.51	0.00	487.30	40.05	2810.00
250643.000	495.89	496.66	496.80	487.40	68.82	2810.00
250643.000	497.28	497.80	496.80	487.40	36.48	2810.00

PRINTED IN U.S.A.

PRINTED IN U.S.A.
PRINTED IN U.S.A.
PRINTED IN U.S.A.

SECMO	EMSEL	ES	ELLC	ELMIN	10KAS	U
250680.000	496.57	496.68	0.00	487.60	32.93	2810.00
250680.000	497.45	497.94	0.00	487.60	37.00	2810.00
250770.000	496.75	497.36	0.00	488.00	60.59	2790.00
250770.000	497.75	498.34	0.00	487.00	46.05	2790.00

100 YEAR MAR 78 HLJ

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
190260.000	260.30	213.40	1000.00	1037.00	2869.00	2651.60
190260.000	261.30	440.00	1000.00	1037.00	2440.00	2000.00
191850.000	262.53	889.60	2000.00	2040.00	2543.12	1653.52
191850.000	263.02	1290.00	2000.00	2040.00	2210.00	920.00
194000.000	266.72	926.29	1000.00	1040.00	1719.28	792.99
194000.000	267.61	990.00	1000.00	1040.00	1600.00	610.00
194600.000	267.56	865.00	1000.00	1045.00	1170.83	305.84
194600.000	268.40	920.00	1000.00	1045.00	1120.00	200.00
194657.000	269.12	843.27	955.00	1076.00	1188.94	345.67
194657.000	269.36	949.00	955.00	1076.00	1090.00	141.00
194683.000	270.15	829.55	955.00	1076.00	1202.50	372.95
194683.000	269.71	955.00	955.00	1076.00	1076.00	121.00
194700.000	270.18	798.94	1000.00	1046.00	1210.55	411.61
194700.000	270.03	896.00	1000.00	1046.00	1110.00	220.00
195320.000	272.27	901.90	1000.00	1046.00	1257.80	355.90
195320.000	272.86	945.00	1000.00	1046.00	1150.00	205.00
197160.000	278.32	502.76	1000.00	1047.00	1055.76	553.01
197160.000	279.13	590.00	1000.00	1047.00	1055.00	465.00
197350.000	278.83	504.60	1000.00	1047.00	1054.70	550.10
197350.000	279.60	590.00	1000.00	1047.00	1055.00	465.00
198820.000	286.98	971.06	1000.00	1030.00	1874.59	903.51
198820.000	287.47	980.00	1000.00	1030.00	1430.00	450.00
199000.000	288.54	967.92	1000.00	1030.00	1919.64	951.72
199000.000	289.30	960.00	1000.00	1030.00	1510.00	530.00
199400.000	290.58	967.26	1000.00	1030.00	1929.09	951.83
199400.000	291.29	960.00	1000.00	1030.00	1525.00	545.00
200730.000	296.79	912.23	1000.00	1046.00	1127.29	215.06
200730.000	297.28	940.00	1000.00	1046.00	1090.00	150.00
201200.000	299.39	963.05	1000.00	1040.00	1067.71	104.66
201200.000	299.67	963.00	1000.00	1040.00	1068.00	105.00
201350.000	301.88	962.13	1000.00	1040.00	1068.41	106.28
201350.000	301.82	962.39	1000.00	1040.00	1068.00	105.61
201500.000	304.14	962.31	1000.00	1040.00	1068.27	105.96
201500.000	304.13	962.36	1000.00	1040.00	1068.00	105.64
202900.000	325.31	954.91	1000.00	1046.00	1052.19	97.28
202900.000	325.32	955.00	1000.00	1046.00	1052.00	97.00

PRINTED IN U.S.A.
PRINTED IN U.S.A.
PRINTED IN U.S.A.

SEGRNO	CWSEL	SSTA	STCHL	SICHR	ENDST	TOPWID
203000.000	327.09	951.47	1000.00	1040.00	1053.99	102.52
203000.000	327.09	951.47	1000.00	1040.00	1053.99	102.52
203200.000	329.10	949.39	1000.00	1040.00	1055.08	105.69
203200.000	329.10	950.00	1000.00	1040.00	1055.00	105.00
205360.000	344.09	902.16	1000.00	1030.00	1091.35	105.18
205360.000	344.35	930.00	1000.00	1030.00	1050.00	120.00
205410.000	344.56	913.63	982.00	1050.00	1179.90	266.27
205410.000	344.79	950.00	982.00	1050.00	1090.00	140.00
205500.000	344.37	905.14	1000.00	1030.00	1087.31	182.17
205500.000	344.68	930.00	1000.00	1030.00	1050.00	120.00
205930.000	347.44	901.53	1000.00	1030.00	1092.21	190.60
205930.000	347.79	930.00	1000.00	1030.00	1050.00	120.00
206300.000	349.41	942.96	1000.00	1030.00	1049.25	106.29
206300.000	349.85	943.00	1000.00	1030.00	1049.81	106.81
207200.000	355.59	952.05	1000.00	1030.00	1072.36	120.31
207200.000	355.51	955.00	1000.00	1030.00	1070.00	115.00
212060.000	378.42	693.90	1000.00	1035.00	1049.44	355.54
212060.000	378.87	880.00	1000.00	1035.00	1045.00	165.00
213465.000	383.88	917.32	1000.00	1050.00	1138.80	221.47
213465.000	384.44	970.00	1000.00	1050.00	1085.00	115.00
213515.000	384.11	915.90	1000.00	1050.00	1140.09	224.19
213515.000	384.66	970.00	1000.00	1050.00	1085.00	115.00
213526.000	386.07	915.36	1000.00	1050.00	1134.64	219.29
213526.000	386.30	970.00	1000.00	1050.00	1080.00	110.00
213545.000	386.13	913.96	1000.00	1050.00	1136.04	222.08
213545.000	386.37	970.00	1000.00	1050.00	1080.00	110.00
213690.000	386.49	961.14	1000.00	1050.00	1132.86	171.71
213690.000	386.62	985.00	1000.00	1050.00	1100.00	115.00
213800.000	386.65	961.76	1000.00	1050.00	1132.13	170.36
213800.000	387.00	985.00	1000.00	1050.00	1100.00	115.00
214000.000	386.98	962.76	1000.00	1050.00	1130.95	168.20
214000.000	387.36	985.00	1000.00	1050.00	1100.00	115.00
214300.000	387.54	964.14	1000.00	1050.00	1129.32	165.18
214300.000	387.94	993.05	1000.00	1050.00	1098.61	105.56
215000.000	389.13	913.86	1000.00	1050.00	1069.04	155.18
215000.000	389.80	945.00	1000.00	1050.00	1050.00	105.00
215900.000	391.53	970.81	1000.00	1050.00	1066.13	95.12
215900.000	392.26	970.00	1000.00	1050.00	1065.00	95.00

PRINTED IN U.S.A.
 PRINTED IN U.S.A.
 PRINTED IN U.S.A.

SECNO	CWSEL	SSTA	STEHL	STEHW	ENDST	TOPWID
218310.000	400.19	880.06	1000.00	1051.00	1066.30	186.24
218310.000	400.19	910.00	1000.00	1051.00	1066.32	156.32
221050.000	407.60	876.02	1000.00	1047.00	1159.44	283.42
221050.000	407.16	972.00	1000.00	1047.00	1095.00	123.00
221091.000	406.75	875.33	985.00	1061.00	1159.82	284.48
221091.000	407.36	970.00	985.00	1061.00	1095.00	125.00
221109.000	407.06	938.76	985.00	1061.00	1297.16	358.40
221109.000	407.36	970.00	985.00	1061.00	1095.00	125.00
221230.000	407.20	938.01	1000.00	1047.00	1297.52	359.51
221230.000	407.67	990.00	1000.00	1047.00	1210.00	220.00
223400.000	410.54	925.14	1000.00	1050.00	1080.81	155.67
223400.000	411.16	960.00	1000.00	1050.00	1065.00	105.00
225500.000	414.04	916.39	1000.00	1051.00	1081.88	165.00
225500.000	414.54	960.00	1000.00	1051.00	1065.00	105.00
225900.000	414.60	931.29	1000.00	1051.00	1075.90	144.60
225900.000	415.07	960.00	1000.00	1051.00	1065.00	105.00
227300.000	419.60	971.86	1000.00	1044.00	1096.52	124.66
227300.000	419.64	980.00	1000.00	1044.00	1080.00	100.00
* 227340.000	419.01	1002.00	1002.00	1040.00	1040.00	38.00
* 227340.000	419.01	1002.00	1002.00	1040.00	1040.00	38.00
* 227360.000	422.36	956.98	1002.00	1040.00	1111.16	154.16
* 227360.000	422.36	957.00	1002.00	1040.00	1111.00	154.00
227380.000	422.38	960.34	1002.00	1040.00	1108.28	147.93
227380.000	422.35	980.00	1002.00	1040.00	1100.00	120.00
227470.000	423.23	955.12	1000.00	1042.00	1177.55	222.03
227470.000	423.12	980.00	1000.00	1042.00	1100.00	120.00
227600.000	423.72	958.05	1000.00	1042.00	1176.11	218.06
227600.000	423.76	981.00	1000.00	1042.00	1100.00	119.00
227850.000	425.01	961.59	1000.00	1042.00	1174.36	212.77
227850.000	425.24	980.00	1000.00	1042.00	1100.00	120.00
228100.000	426.69	962.71	1000.00	1042.00	1172.65	209.94
228100.000	426.93	980.00	1000.00	1042.00	1100.00	120.00
228600.000	430.34	963.05	1000.00	1042.00	1171.45	208.41
228600.000	430.56	980.00	1000.00	1042.00	1100.00	120.00
232400.000	460.23	978.61	1000.00	1040.00	1060.92	82.31
232400.000	460.26	978.41	1000.00	1040.00	1060.00	81.59
232454.000	461.53	433.00	420.00	561.00	542.88	109.88
232454.000	461.55	432.93	420.00	561.00	542.92	109.99

PRINTED IN U.S.A.
PRINTED IN U.S.A.

SECNO	CWSEL	66TA	STCHL	STCHR	ENDBT	TOPWID
232455.000	461.23	445.78	400.00	571.00	543.58	70.26
232455.000	461.25	445.77	400.00	571.00	543.62	70.31
232465.000	461.30	445.75	400.00	571.00	543.70	70.42
232465.000	461.32	445.74	400.00	571.00	543.74	70.47
232466.000	461.78	432.08	420.00	561.00	543.35	111.27
232466.000	461.79	432.01	420.00	561.00	543.39	111.37
232500.000	461.24	972.50	1000.00	1040.00	1065.00	92.50
232500.000	461.26	972.37	1000.00	1040.00	1065.00	92.62
232770.000	463.23	936.66	1000.00	1039.00	1066.63	129.97
232770.000	463.23	936.62	1000.00	1039.00	1066.66	130.04
234840.000	467.16	827.44	1000.00	1037.00	1533.92	706.48
234840.000	467.66	940.00	1000.00	1037.00	1400.00	460.00
236100.000	468.27	664.72	1000.00	1035.00	1101.66	516.94
236100.000	468.96	850.00	1000.00	1035.00	1100.00	250.00
236129.000	468.07	967.00	967.00	1056.00	1056.00	89.00
236129.000	468.83	967.00	967.00	1056.00	1056.00	89.00
236152.000	468.81	967.00	967.00	1056.00	1056.00	89.00
236152.000	469.63	967.00	967.00	1056.00	1056.00	89.00
236190.000	469.22	739.56	1000.00	1034.00	1381.00	641.43
236190.000	469.92	905.00	1000.00	1034.00	1140.00	235.00
236510.000	469.42	776.69	1000.00	1034.00	1268.98	442.29
236510.000	470.24	905.00	1000.00	1034.00	1140.00	235.00
237900.000	471.37	953.19	1000.00	1035.00	1472.26	519.07
237900.000	472.11	980.00	1000.00	1035.00	1325.00	345.00
239100.000	472.96	682.00	1000.00	1034.00	1101.83	419.82
239100.000	473.61	800.00	1000.00	1034.00	1050.00	250.00
239900.000	473.94	660.58	1000.00	1034.00	1239.42	578.83
239900.000	474.64	770.00	1000.00	1034.00	1130.00	360.00
240450.000	474.32	700.73	1000.00	1034.00	1437.47	736.74
240450.000	475.13	720.00	1000.00	1034.00	1050.00	330.00
241550.000	475.36	499.63	1000.00	1034.00	1096.82	597.19
241550.000	476.31	483.26	1000.00	1034.00	1103.64	620.39
241860.000	476.00	801.83	1000.00	1035.00	1073.32	271.49
241860.000	476.51	925.00	1000.00	1035.00	1050.00	125.00
244350.000	483.88	914.32	1000.00	1029.00	1215.78	301.46
244350.000	487.76	975.00	1000.00	1029.00	1122.00	147.00
245400.000	486.06	919.40	1000.00	1034.00	1201.20	281.79
245400.000	486.92	975.00	1000.00	1030.00	1107.00	132.00

PRINTED IN U.S.A.

PRINTED IN U.S.A.

SECNO	GNSEL	SSTA	STGHL	STGHR	ENDST	TOPWID
245438.000	486.11	962.00	962.00	1066.00	1066.00	104.00
245438.000	487.07	962.00	962.00	1066.00	1066.00	104.00
245462.000	486.15	962.00	962.00	1066.00	1066.00	104.00
245462.000	487.09	962.00	962.00	1066.00	1066.00	104.00
245500.000	486.20	943.21	1000.00	1030.00	1158.80	215.59
245500.000	487.04	980.00	1000.00	1030.00	1080.00	100.00
245630.000	486.48	959.19	1000.00	1030.00	1118.50	159.31
245630.000	487.35	980.00	1000.00	1030.00	1080.00	100.00
246800.000	489.17	772.40	1000.00	1025.00	1165.12	392.72
246800.000	489.88	860.00	1000.00	1025.00	1070.00	210.00
246815.000	489.21	771.87	1002.00	1025.00	1165.75	393.88
246815.000	489.93	860.00	1002.00	1025.00	1070.00	210.00
246820.000	489.10	772.23	1002.00	1025.00	1165.32	393.00
246820.000	489.89	860.00	1002.00	1025.00	1070.00	210.00
246840.000	489.21	763.15	1002.00	1025.00	1165.80	402.65
246840.000	489.92	860.00	1002.00	1025.00	1070.00	210.00
246845.000	489.28	762.07	1002.00	1025.00	1166.97	404.90
246845.000	490.00	860.00	1002.00	1025.00	1070.00	210.00
246860.000	489.28	761.85	1000.00	1025.00	1167.20	405.35
246860.000	490.01	860.00	1000.00	1025.00	1070.00	210.00
247030.000	489.47	697.42	1000.00	1025.00	1130.27	432.85
247030.000	490.21	790.00	1000.00	1025.00	1030.00	240.00
250560.000	495.81	832.41	1000.00	1035.00	1134.27	301.86
250560.000	496.73	950.00	1000.00	1035.00	1040.00	90.00
250610.000	495.85	980.00	980.00	1041.00	1041.00	61.00
250610.000	496.96	980.00	980.00	1041.00	1041.00	61.00
250643.000	495.89	980.00	980.00	1041.00	1041.00	61.00
250643.000	497.28	980.00	980.00	1041.00	1041.00	61.00
250680.000	496.57	814.12	1000.00	1035.00	1145.89	331.77
250680.000	497.45	950.00	1000.00	1035.00	1040.00	90.00
250770.000	496.75	848.28	1000.00	1035.00	1132.65	284.37
250770.000	497.75	950.00	1000.00	1035.00	1040.00	90.00

SUMMARY OF ERRORS

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= 1 HYDRAULIC JUMP D.S.

FLOODWAY DATA, 100 YEAR MAR 78 HLJ

PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
190260.000	2000.	10627.	1.0	261.3	260.3	1.0
191850.000	920.	3801.	2.3	263.0	262.5	0.5
194000.000	610.	4419.	2.0	267.6	266.7	0.9
194600.000	200.	1323.	6.6	268.4	267.7	0.7
194657.000	141.	1185.	7.3	269.3	269.1	0.2
194683.000	121.	1090.	8.0	269.8	270.1	0.3
194700.000	220.	1774.	4.9	270.2	270.2	0.0
195320.000	205.	1803.	4.6	272.9	272.3	0.6
197160.000	465.	2922.	2.9	279.1	278.3	0.8
197350.000	465.	2535.	3.4	279.6	278.8	0.8
198820.000	450.	1772.	4.8	287.5	287.0	0.5
199000.000	530.	2477.	3.4	289.3	288.5	0.8
199400.000	545.	2581.	3.3	291.3	290.6	0.7
200730.000	150.	1221.	5.2	297.3	296.8	0.5
201200.000	105.	659.	9.7	299.7	299.4	0.3
201350.000	106.	643.	9.7	301.9	301.9	0.0
201500.000	106.	644.	9.9	304.1	304.1	0.0
202900.000	97.	667.	9.6	325.3	325.3	0.0
203000.000	103.	774.	8.3	327.1	327.1	0.0
203200.000	105.	842.	7.6	329.1	329.1	0.0
205360.000	120.	979.	6.2	344.4	344.1	0.3
205410.000	140.	1241.	4.9	344.8	344.6	0.2
205500.000	120.	899.	6.8	344.7	344.4	0.3
205930.000	120.	1007.	6.1	347.8	347.4	0.4
206300.000	107.	839.	7.3	349.8	349.4	0.4
207200.000	115.	896.	6.8	355.6	355.6	0.0
212060.000	165.	1270.	4.4	378.9	378.4	0.5
213465.000	115.	1010.	5.5	384.5	383.9	0.6
213515.000	115.	1024.	5.5	384.7	384.1	0.6
213526.000	110.	1147.	4.9	386.3	386.1	0.2
213545.000	110.	1165.	4.8	386.3	386.1	0.2
213690.000	115.	1345.	4.2	386.8	386.5	0.3
213800.000	115.	1319.	4.2	387.0	386.7	0.3
214000.000	115.	1279.	4.4	387.4	387.0	0.4
214300.000	106.	1153.	4.9	387.9	387.5	0.4
215000.000	105.	1126.	4.6	389.0	389.1	0.7
215900.000	95.	811.	6.4	392.2	391.5	0.7
218310.000	156.	1202.	4.3	400.2	400.2	0.0
221050.000	125.	1227.	4.2	407.2	406.6	0.6
221091.000	125.	1253.	4.1	407.3	406.7	0.6
221109.000	125.	1211.	4.3	407.4	407.1	0.3
221230.000	220.	1769.	2.9	407.7	407.2	0.5
223400.000	105.	1179.	4.4	411.1	410.5	0.6
225300.000	105.	1157.	3.7	414.5	414.0	0.5
225900.000	105.	961.	4.4	415.1	414.6	0.5
227300.000	100.	610.	6.8	419.6	419.6	0.0
227340.000	38.	271.	15.3	419.0	419.0	0.0
227360.000	154.	866.	4.8	422.4	422.4	0.0
227380.000	120.	756.	5.5	422.4	422.4	0.0
227470.000	120.	859.	4.8	423.2	423.2	0.0

FLOODWAY DATA, 100 YEAR MAR 78 HLJ
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
227600.000	119.	819.	5.1	423.7	423.7	0.0
227850.000	120.	777.	5.3	425.2	425.0	0.2
228100.000	120.	759.	5.5	426.9	426.7	0.2
228600.000	120.	750.	5.5	430.5	430.3	0.2
232400.000	82.	501.	7.9	460.2	460.2	0.0
232454.000	110.	873.	4.5	461.5	461.5	0.0
232455.000	98.	571.	6.9	461.2	461.2	0.0
232465.000	98.	576.	6.9	461.3	461.3	0.0
232466.000	111.	900.	4.4	461.8	461.8	0.0
232500.000	93.	554.	7.1	461.2	461.2	0.0
232770.000	130.	782.	5.1	463.2	463.2	0.0
234840.000	460.	2550.	1.5	467.7	467.2	0.5
236100.000	250.	1896.	2.0	469.0	468.3	0.7
236129.000	89.	774.	4.9	468.9	468.1	0.8
236152.000	89.	846.	4.5	469.6	468.8	0.8
236190.000	235.	2023.	1.9	469.9	469.2	0.7
236510.000	235.//	1616.	2.4	470.2	469.4	0.8
237900.000	345.	2259.	1.7	472.1	471.4	0.7
239100.000	250.	1653.	2.3	473.7	473.0	0.7
239900.000	360.	2305.	1.4	474.6	473.9	0.7
240450.000	330.	1857.	1.7	475.1	474.3	0.8
241550.000	620.	2695.	1.2	476.4	475.4	1.0
241860.000	125.	716.	4.5	476.5	476.0	0.5
244350.000	147.	1039.	3.0	484.8	483.9	0.9
245400.000	132.	1029.	3.0	487.0	486.1	0.9
245438.000	104.	864.	3.6	487.1	486.1	1.0
245462.000	104.	842.	3.7	487.0	486.1	0.9
245500.000	100.	824.	3.7	487.0	486.2	0.8
245630.000	100.	767.	4.0	487.4	486.5	0.9
246800.000	210.	1484.	1.9	489.9	489.2	0.7
246815.000	210.	1474.	1.9	489.9	489.2	0.7
246826.000	210.	1412.	2.0	489.9	489.2	0.7
246840.000	210.	1418.	2.0	489.9	489.2	0.7
246845.000	210.	1482.	1.9	490.0	489.3	0.7
246860.000	210.	1502.	1.9	490.0	489.3	0.7
247030.000	240.	1595.	1.8	490.2	489.5	0.7
250560.000	90.	619.	4.5	496.7	495.8	0.9
250618.000	61.	470.	6.0	496.9	495.8	1.1
250643.000	61.	483.	5.8	497.3	495.9	1.4
250680.000	90.	605.	4.8	497.5	496.6	0.9
250770.000	90.	581.	4.8	497.7	496.7	1.0