BEAR TRAP CREEK

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR - 01,02 ,
  MODIFICATION - 50,51,52,53
  MODIFIED FOR HONEYWELL APR 79
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  NEW YORK STATE
  DEPT OF ENVIRONMENTAL CONSERVATION
  FLOOD INSURANCE STUDIES GROUP
  THIS RUN EXECUTED        07/23/  *****
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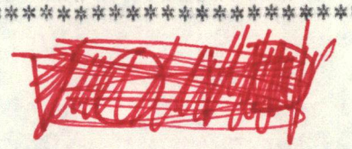

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C                                                                    OOOOOOOO
T1         DEC  SALINA T.                                            OOOOOOOO
T2       10-YEAR FLOOD                                               OOOOOOOO
T3       BEAR TRAP CREEK                                             OOOOOOOO

J1  ICHECK     INQ        NINV       IDIR       STRT       METRIC     HVINS      Q          WSEL       FQ

      -1.        2.         0.         0.   0.000800         0.        -1.0         0.     367.000     0.

J2  NPROF      IPLOT      PRFVS      XSECV      XSECH      FN         ALLDC      IBW        CHNIM      ITRACE

       0.         0.     -1.000         0.         0.         0.         0.         0.         0.         0.

J3  VARIABLE CODES FOR SUMMARY PRINTOUT

     150.000    204.000     50.000    101.000    130.000    156.000      0.         0.         0.         0.

NC       0.055      0.055      0.035      0.100      0.300      0.         0.         0.         0.         0.
QT       4.000    460.000    680.000    780.000   1020.000      0.         0.         0.         0.         0.

                    ALL DATA ARE ENTERED FROM RIGHT TO LEFT LOOKING DOWNSTREAMOOOOO

X1     101.000     10.000   1350.000   1396.000      0.         0.         0.         0.         0.         0.
GR     376.000    200.000    374.500   1050.000    368.900   1350.000    363.900   1356.000    362.900   1366.000
GR     363.900   1376.000    368.900   1396.000    373.500   1866.000    375.000   2466.000    378.500   2676.000


X1      98.100     11.000   1635.000   1681.000    255.000    275.000    265.000      0.         0.         0.
GR     375.500    200.000    375.000    300.000    375.000   1405.000    374.500   1605.000    371.000   1635.000
GR     366.000   1641.000    365.000   1651.000    366.000   1661.000    371.000   1681.000    375.000   1961.000
GR     376.500   2191.000         0.         0.         0.         0.         0.         0.         0.         0.
NC       0.         0.         0.030      0.300      0.500      0.         0.         0.         0.         0.

                    TERMINAL ROAD                                                 OOOOOOOO

X1      98.110     11.000   1646.000   1661.000     75.000     75.000     75.000      0.         0.         0.
X3      10.000         0.         0.         0.         0.         0.         0.     371.500    371.500      0.
GR     375.500    200.000    375.000    300.000    375.000   1405.000    374.500   1605.000    371.000   1635.000
GR     366.000   1646.000    365.000   1656.000    366.000   1661.000    371.000   1681.000    375.000   1961.000
GR     376.500   2191.000         0.         0.         0.         0.         0.         0.         0.         0.
SB       0.900      1.500      2.500         0.        15.000      1.000     77.000      0.        365.000    365.000


X1      53.200     12.000    752.500    767.500     50.000     50.000     50.000      0.         0.         0.
X2       0.         0.         1.000    370.500    372.500         0.         0.         0.         0.         0.
X3      10.000         0.         0.         0.         0.         0.         0.     373.500    372.500      0.
BT       8.000    200.000    375.000         0.    490.000    375.000         0.     690.000    374.500      0.
BT     752.500    373.500    370.500    767.500    373.500    370.500    830.000    372.500         0.    1060.000
BT     375.000         0.   1290.000    376.500         0.         0.         0.         0.         0.         0.
GR     375.000    200.000    375.000    490.000    374.500    690.000    373.500    752.500    365.000    752.500
GR     365.000    767.500    373.500    767.500    373.500    830.000    375.000   1060.000    376.500   1290.000
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GR	390.000	1950.000	395.500	2200.000	0.	0.	0.	0.	0.	0.
NC	0.060	0.060	0.035	0.100	0.300	0.	0.	0.	0.	0.
X1	94.300	9.000	1800.000	1840.000	45.000	65.000	50.000	0.	0.	0.
GR	377.500	200.000	375.000	1280.000	375.000	1700.000	370.000	1800.000	365.200	1810.000
GR	365.200	1830.000	370.000	1840.000	375.000	2005.000	376.000	2760.000	0.	0.
X1	93.000	11.000	510.000	540.000	370.000	400.000	400.000	0.	0.	0.
GR	379.000	200.000	379.000	310.000	375.000	490.000	370.000	510.000	365.800	515.000
GR	365.800	535.000	370.000	540.000	375.000	580.000	375.000	660.000	376.000	775.000
GR	379.000	1200.000	0.	0.	0.	0.	0.	0.	0.	0.
X1	92.000	9.000	445.000	485.000	550.000	565.000	560.000	0.	0.	0.
GR	378.000	200.000	375.000	390.000	370.000	445.000	366.800	465.000	366.800	475.000
GR	370.000	485.000	375.000	500.000	375.000	980.000	390.000	1140.000	0.	0.
NH	5.000	10.000	1190.000	0.060	1220.000	0.030	1280.000	0.060	1300.000	10.000
NH	1620.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
X1	90.100	12.000	1220.000	1280.000	800.000	950.000	850.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	387.000	200.000	386.000	410.000	381.500	720.000	375.000	800.000	375.000	1190.000
GR	370.000	1220.000	368.000	1240.000	368.000	1260.000	370.000	1280.000	371.000	1300.000
GR	380.000	1580.000	395.000	1620.000	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.030	0.300	0.500	0.	0.	0.	0.	0.

N.Y.STATE THRUWAY 00000000

X1	90.110	12.000	1235.000	1265.000	130.000	130.000	130.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	379.000	379.000	0.
GR	387.000	200.000	386.000	410.000	381.500	720.000	375.000	800.000	375.000	1190.000
GR	370.000	1235.000	368.000	1240.000	368.000	1260.000	370.000	1265.000	375.000	1510.000
GR	380.000	1580.000	395.000	1620.000	0.	0.	0.	0.	0.	0.
SB	0.900	1.500	2.500	0.	30.000	2.000	252.000	0.	368.500	368.500
X1	49.200	8.000	1200.000	1230.000	120.000	120.000	120.000	0.	0.	0.
X2	0.	0.	1.000	377.500	380.500	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	380.500	380.500	0.
BT	6.000	200.000	385.500	0.	540.000	382.500	0.	1200.000	380.500	377.500
BT	1230.000	380.500	377.500	1920.000	390.000	0.	2200.000	395.000	0.	0.
GR	385.000	200.000	382.500	540.000	380.500	1200.000	368.500	1200.000	368.500	1230.000
GR	380.500	1230.000	390.000	1920.000	395.000	2200.000	0.	0.	0.	0.
NH	5.000	10.000	985.000	0.060	1000.000	0.030	1075.000	0.060	1075.000	10.000
NH	1460.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
X1	86.300	11.000	1000.000	1060.000	110.000	150.000	125.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	390.000	200.000	380.000	770.000	375.000	985.000	370.000	1000.000	368.700	1010.000
GR	367.800	1030.000	370.000	1060.000	371.000	1075.000	375.000	1310.000	380.000	1430.000
GR	390.000	1460.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.060	0.060	0.030	0.100	0.300	0.	0.	0.	0.	0.
X1	84.000	11.000	1250.000	1280.000	320.000	260.000	290.000	0.	0.	0.
GR	391.500	200.000	386.000	580.000	383.000	925.000	375.000	1150.000	370.000	1250.000
GR	369.000	1255.000	369.000	1275.000	370.000	1280.000	375.000	1600.000	380.000	1720.000
GR	390.000	1750.000	0.	0.	0.	0.	0.	0.	0.	0.
X1	82.100	11.000	1100.000	1140.000	225.000	215.000	225.000	0.	0.	0.

GR	390.000	200.000	385.000	385.000	380.000	790.000	375.000	920.000	371.000	1100.000
GR	369.500	1110.000	369.500	1130.000	371.000	1140.000	375.000	1145.000	380.000	1485.000
GR	390.000	1515.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.

N.Y.STATE THRUWAY RAMP 00000000

X1	82.110	11.000	1109.000	1131.000	100.000	100.000	100.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	383.000	383.000	0.
GR	390.000	200.000	385.000	385.000	380.000	790.000	375.000	920.000	371.000	1109.000
GR	369.500	1110.000	369.500	1130.000	371.000	1131.000	375.000	1145.000	380.000	1485.000
GR	390.000	1515.000	0.	0.	0.	0.	0.	0.	0.	0.
SB	0.900	1.800	2.500	0.	22.000	4.000	110.000	0.	369.500	369.500

X1	45.200	10.000	694.000	716.000	135.000	135.000	135.000	0.	0.	0.
X2	0.	0.	1.000	375.500	392.500	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	392.500	392.500	0.
BT	8.000	200.000	380.000	0.	470.000	385.000	0.	590.000	390.000	0.
BT	694.000	392.500	375.500	716.000	392.500	375.500	740.000	395.000	0.	840.000
BT	400.000	0.	1200.000	411.000	0.	0.	0.	0.	0.	0.
GR	380.000	200.000	385.000	470.000	390.000	590.000	392.500	694.000	369.500	694.000
GR	369.500	716.000	392.500	716.000	395.000	740.000	400.000	840.000	411.000	1200.000

X1	80.000	12.000	1380.000	1410.000	100.000	100.000	100.000	0.	0.	0.
GR	390.000	200.000	385.000	650.000	385.000	1200.000	375.000	1360.000	372.000	1380.000
GR	370.000	1385.000	370.000	1405.000	372.000	1410.000	380.000	1600.000	385.000	1630.000
GR	389.000	1720.000	395.000	2020.000	0.	0.	0.	0.	0.	0.

X1	80.100	12.000	1380.000	1410.000	130.000	160.000	140.000	0.	0.	0.
GR	390.000	200.000	385.000	650.000	385.000	1200.000	375.000	1360.000	372.000	1380.000
GR	370.000	1385.000	370.000	1405.000	372.000	1410.000	380.000	1600.000	385.000	1630.000
GR	389.000	1720.000	395.000	2020.000	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.

N.Y.STATE THRUWAY RAMP 00000000

X1	80.110	12.000	1384.000	1405.500	80.000	80.000	80.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	378.000	378.000	0.
GR	390.000	200.000	385.000	650.000	385.000	1200.000	375.000	1360.000	372.000	1384.000
GR	370.000	1385.000	370.000	1405.000	372.000	1405.500	380.000	1600.000	385.000	1630.000
GR	389.000	1720.000	395.000	2020.000	0.	0.	0.	0.	0.	0.
SB	0.900	1.500	2.500	0.	21.500	3.500	110.000	0.	369.700	369.700

X1	41.200	10.000	1340.000	1361.500	80.000	80.000	80.000	0.	0.	0.
X2	0.	0.	1.000	375.700	378.100	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	378.100	378.100	0.
BT	8.000	200.000	390.000	0.	820.000	385.000	0.	930.000	383.000	0.
BT	1320.000	380.500	0.	1340.000	378.100	375.700	1361.500	378.100	375.700	1530.000
BT	380.000	0.	1850.000	389.000	0.	0.	0.	0.	0.	0.
GR	390.000	200.000	385.000	820.000	383.000	930.000	380.500	1320.000	378.100	1340.000
GR	369.700	1340.000	369.700	1361.500	378.100	1361.500	380.000	1530.000	389.000	1850.000
NH	5.000	10.000	1080.000	0.070	1110.000	0.030	1140.000	0.070	1160.000	10.000
NH	1535.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

X1	70.300	11.000	1110.000	1140.000	90.000	70.000	80.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	390.000	200.000	385.000	675.000	380.000	920.000	374.000	1080.000	372.000	1110.000
GR	370.000	1115.000	370.000	1135.000	372.000	1140.000	373.000	1160.000	380.000	1490.000
GR	389.000	1535.000	0.	0.	0.	0.	0.	0.	0.	0.

NC	0.070	0.070	0.030	0.100	0.300	0.	0.	0.	0.	0.
X1	69.000	14.000	1120.000	1140.000	760.000	770.000	790.000	0.	0.	0.
GR	394.500	200.000	390.000	610.000	386.500	740.000	385.000	880.000	380.000	970.000
GR	375.000	1060.000	374.000	1120.000	372.300	1120.000	372.300	1140.000	374.000	1140.000
GR	374.000	1220.000	375.000	1350.000	380.000	1450.000	389.000	1700.000	0.	0.
X1	68.000	12.000	1085.000	1120.000	1050.000	1155.000	1250.000	0.	0.	0.
GR	400.000	200.000	395.000	400.000	390.000	625.000	385.000	700.000	380.000	880.000
GR	377.000	1085.000	376.000	1090.000	376.000	1110.000	377.000	1120.000	377.500	1250.000
GR	380.000	1480.000	388.500	1540.000	0.	0.	0.	0.	0.	0.
X1	67.000	12.000	1765.000	1795.000	1225.000	1175.000	1300.000	0.	0.	0.
GR	403.500	200.000	400.000	670.000	396.500	970.000	385.000	1240.000	382.000	1615.000
GR	380.000	1670.000	379.000	1765.000	377.500	1770.000	377.500	1790.000	379.000	1795.000
GR	380.000	1955.000	388.000	2200.000	0.	0.	0.	0.	0.	0.
X1	67.100	15.000	1540.000	1565.000	1480.000	1475.000	1700.000	0.	0.	0.
GR	412.000	200.000	410.000	380.000	405.000	555.000	400.000	675.000	395.000	725.000
GR	390.000	775.000	387.000	870.000	385.000	1000.000	381.500	1440.000	380.000	1540.000
GR	379.500	1542.000	379.500	1563.000	380.000	1565.000	385.000	1630.000	388.000	1660.000
X1	66.100	12.000	965.000	985.000	925.000	910.000	970.000	0.	0.	0.
GR	405.000	200.000	400.000	350.000	395.000	400.000	390.000	410.000	386.500	685.000
GR	385.000	900.000	382.000	965.000	380.000	966.000	380.000	984.000	382.000	985.000
GR	385.000	1040.000	390.000	1200.000	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.

ROUTE 81 RAMP 00000000

X1	66.110	12.000	976.000	984.000	95.000	60.000	80.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	389.500	389.500	0.
GR	405.000	200.000	400.000	350.000	395.000	400.000	390.000	410.000	386.500	685.000
GR	385.000	900.000	382.000	965.000	380.000	976.000	380.000	984.000	382.000	985.000
GR	385.000	1040.000	390.000	1200.000	0.	0.	0.	0.	0.	0.
SB	0.900	1.600	2.500	0.	8.000	0.	40.000	0.	380.000	380.000
X1	37.200	7.000	1136.000	1144.000	60.000	60.000	60.000	0.	0.	0.
X2	0.	0.	1.000	385.000	389.500	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	389.500	389.500	0.
BT	4.000	510.000	390.000	0.	1136.000	389.500	385.000	1144.000	389.500	385.000
BT	1400.000	390.000	0.	0.	0.	0.	0.	0.	0.	0.
GR	395.000	420.000	390.000	510.000	389.500	880.000	389.500	1136.000	380.000	1136.000
GR	380.000	1144.000	389.500	1144.000	0.	0.	0.	0.	0.	0.
X1	37.300	11.000	1035.000	1055.000	50.000	50.000	50.000	0.	0.	0.
GR	400.000	200.000	395.000	425.000	390.000	520.000	388.500	850.000	385.000	1020.000
GR	383.000	1035.000	380.000	1040.000	380.000	1053.000	383.000	1055.000	385.000	1075.000
GR	400.000	1165.000	0.	0.	0.	0.	0.	0.	0.	0.
X1	50.100	11.000	1035.000	1055.000	175.000	175.000	175.000	0.	0.	0.
GR	400.000	200.000	395.000	425.000	390.000	520.000	388.500	850.000	385.000	1020.000
GR	383.000	1035.000	380.000	1040.000	380.000	1053.000	383.000	1055.000	385.000	1075.000
GR	400.000	1165.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.

ROUTE 11 SOUTH BOUND 00000000

X1	50.110	11.000	1040.000	1050.000	70.000	90.000	80.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	387.000	387.000	0.
GR	400.000	200.000	395.000	425.000	390.000	520.000	388.500	850.000	385.000	1020.000
GR	383.000	1035.000	380.000	1040.000	380.000	1050.000	383.000	1055.000	385.000	1075.000
GR	400.000	1165.000	0.	0.	0.	0.	0.	0.	0.	0.
SB	0.	1.500	2.500	0.	10.000	0.	40.000	0.	380.100	380.000

X1	33.200	6.000	810.000	820.000	80.000	80.000	80.000	0.	0.	0.
X2	0.	0.	1.000	384.300	390.300	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	390.300	390.300	0.
BT	5.000	200.000	395.000	0.	450.000	390.300	0.	810.000	390.300	384.300
BT	820.000	390.300	384.300	1200.000	391.000	0.	0.	0.	0.	0.
GR	395.000	200.000	390.300	450.000	390.300	810.000	380.000	810.000	380.000	820.000
GR	391.000	1200.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.035	0.100	0.300	0.	0.	0.	0.	0.

X1	49.000	11.000	1015.000	1030.000	90.000	70.000	80.000	0.	0.	0.
GR	400.000	200.000	395.000	300.000	390.000	590.000	389.000	750.000	385.000	1000.000
GR	383.000	1015.000	380.200	1016.000	380.200	1029.000	383.000	1030.000	385.000	1050.000
GR	410.000	1165.000	0.	0.	0.	0.	0.	0.	0.	0.

X1	48.100	13.000	1258.000	1275.000	660.000	660.000	660.000	0.	0.	0.
GR	405.000	200.000	400.000	250.000	395.000	300.000	392.000	620.000	390.000	835.000
GR	389.000	1150.000	385.000	1240.000	384.000	1258.000	382.000	1259.000	382.000	1274.000
GR	384.000	1275.000	385.000	1300.000	415.000	1350.000	0.	0.	0.	0.

X1	48.110	13.000	1258.000	1267.000	70.000	70.000	70.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	389.200	389.200	0.
GR	405.000	200.000	400.000	250.000	395.000	300.000	392.000	620.000	390.000	835.000
GR	389.000	1150.000	385.000	1240.000	384.000	1258.000	382.000	1259.000	382.000	1266.000
GR	384.000	1267.000	385.000	1300.000	415.000	1350.000	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.
SB	0.	1.500	2.500	0.	8.000	0.	40.000	0.	382.000	382.000

X1	25.200	8.000	1615.000	1623.000	75.000	75.000	75.000	0.	0.	0.
X2	0.	0.	1.500	387.000	390.300	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	390.300	390.300	0.
BT	6.000	200.000	395.000	0.	465.000	392.000	0.	1615.000	390.300	387.000
BT	1623.000	390.300	387.000	1983.000	395.000	0.	2233.000	400.000	0.	0.
GR	395.000	200.000	392.000	465.000	386.000	1615.000	382.000	1615.000	382.000	1623.000
GR	386.000	1623.000	395.000	1983.000	400.000	2233.000	0.	0.	0.	0.

X1	47.100	12.000	1552.000	1560.000	70.000	50.000	60.000	0.	0.	0.
GR	410.000	200.000	405.000	275.000	395.000	350.000	390.000	1000.000	390.000	1500.000
GR	385.000	1550.000	384.500	1552.000	382.500	1553.000	382.500	1559.000	384.500	1560.000
GR	385.000	1590.000	414.000	1635.000	0.	0.	0.	0.	0.	0.

SOUTH BAY ROAD 00000000

X1	47.110	12.000	1552.000	1560.000	100.000	250.000	175.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	388.500	388.500	0.
GR	410.000	200.000	405.000	275.000	395.000	350.000	390.000	1000.000	390.000	1500.000
GR	385.000	1550.000	384.500	1552.000	382.500	1553.000	382.500	1559.000	384.500	1560.000
GR	385.000	1590.000	414.000	1635.000	0.	0.	0.	0.	0.	0.
SB	0.	1.500	2.500	0.	8.000	0.	40.000	0.	382.000	382.000

X1	21.200	8.000	800.000	808.000	75.000	75.000	75.000	0.	0.	0.
X2	0.	0.	1.000	387.000	390.000	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	390.000	390.000	0.
BT	6.000	200.000	400.000	0.	460.000	395.000	0.	800.000	390.000	387.000
BT	808.000	390.000	387.000	1518.000	390.000	0.	2168.000	395.000	0.	0.
GR	400.000	200.000	395.000	460.000	390.000	800.000	382.000	800.000	382.000	808.000
GR	390.000	808.000	390.000	1518.000	395.000	2168.000	0.	0.	0.	0.
NC	0.	0.	0.030	0.100	0.300	0.	0.	0.	0.	0.
X1	46.000	13.000	1600.000	1619.000	60.000	100.000	70.000	0.	0.	0.
GR	410.000	200.000	405.000	300.000	400.000	340.000	395.000	390.000	392.500	815.000
GR	390.000	1185.000	385.000	1600.000	384.500	1600.000	382.000	1606.000	382.000	1614.000
GR	384.500	1619.000	385.000	1620.000	412.000	1740.000	0.	0.	0.	0.
NH	5.000	10.000	850.000	0.070	865.000	0.030	885.000	0.070	900.000	10.000
NH	1060.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
X1	45.000	12.000	865.000	885.000	1080.000	1050.000	1080.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	410.000	200.000	405.000	385.000	400.000	480.000	395.000	525.000	390.000	850.000
GR	385.000	865.000	382.500	870.000	382.500	880.000	385.000	885.000	390.000	900.000
GR	398.000	960.000	400.000	1060.000	0.	0.	0.	0.	0.	0.
NC	0.060	0.060	0.020	0.200	0.400	0.	0.	0.	0.	0.

ROUTE 81 00000000

X1	17.110	8.000	1530.000	1535.000	125.000	75.000	100.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	393.500	393.500	0.
GR	405.000	200.000	400.000	1230.000	398.500	1530.000	382.500	1530.000	382.500	1535.000
GR	398.500	1535.000	400.000	1820.000	405.000	2140.000	0.	0.	0.	0.
SB	0.	1.500	2.500	0.	5.000	0.	30.000	0.	382.700	382.500
X1	17.200	0.	0.	0.	300.000	300.000	300.000	0.	0.200	0.
X2	0.	0.	1.000	388.500	398.500	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	398.500	398.500	0.
BT	6.000	200.000	405.000	0.	1230.000	400.000	0.	1530.000	398.500	388.500
BT	1535.000	398.500	388.500	1820.000	400.000	0.	2140.000	405.000	0.	0.
NH	5.000	10.000	500.000	0.070	505.000	0.030	525.000	0.070	550.000	10.000
NH	950.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
X1	44.100	10.000	505.000	525.000	80.000	125.000	100.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	400.000	200.000	390.000	500.000	385.000	505.000	383.000	510.000	383.000	520.000
GR	385.000	525.000	390.000	550.000	395.000	675.000	400.000	775.000	405.000	950.000
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.

LAWRENCE ROAD 00000000

X1	44.110	10.000	514.000	520.000	50.000	50.000	50.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	389.500	389.500	0.
GR	400.000	200.000	390.000	500.000	385.000	505.000	383.000	514.000	383.000	520.000
GR	385.000	525.000	390.000	550.000	395.000	675.000	400.000	775.000	405.000	950.000
SB	0.	1.500	2.500	0.	6.000	0.	30.000	0.	383.000	383.000
X1	13.200	8.000	500.000	506.000	50.000	50.000	50.000	0.	0.	0.
X2	0.	0.	1.000	388.000	391.500	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	391.500	391.500	0.
BT	6.000	200.000	400.000	0.	500.000	391.500	388.000	506.000	391.500	388.000
BT	670.000	395.000	0.	775.000	400.000	0.	950.000	405.000	0.	0.
GR	400.000	200.000	391.500	500.000	383.000	500.000	383.000	506.000	391.500	506.000

GR	395.000	670.000	400.000	775.000	405.000	950.000	0.	0.	0.	0.
NC	0.	0.	0.030	0.100	0.300	0.	0.	0.	0.	0.
X1	43.000	12.000	480.000	500.000	50.000	50.000	50.000	0.	0.	0.
GR	400.000	200.000	394.500	295.000	390.000	400.000	385.000	480.000	383.000	485.000
GR	383.000	495.000	385.000	500.000	390.000	540.000	390.000	710.000	400.000	840.000
GR	405.000	905.000	410.000	1180.000	0.	0.	0.	0.	0.	0.
X1	42.000	14.000	955.000	975.000	550.000	500.000	550.000	0.	0.	0.
GR	400.000	200.000	395.000	500.000	391.500	695.000	390.000	875.000	386.000	955.000
GR	383.200	955.000	383.200	965.000	386.000	975.000	390.000	1140.000	395.000	1195.000
GR	395.000	1360.000	400.000	1440.000	405.000	1560.000	410.000	1650.000	0.	0.
NH	5.000	10.000	790.000	0.070	815.000	0.030	835.000	0.070	850.000	10.000
NH	1630.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
X1	41.100	16.000	815.000	835.000	410.000	430.000	430.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	420.000	200.000	415.000	395.000	410.000	500.000	405.000	675.000	400.000	700.000
GR	395.000	720.000	390.000	790.000	387.500	815.000	383.600	822.000	383.600	828.000
GR	387.500	835.000	390.000	850.000	395.000	1100.000	400.000	1205.000	405.000	1290.000
GR	410.000	1630.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.

ROUTE 78 00000000

X1	41.110	7.000	475.000	480.000	70.000	70.000	70.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	402.000	402.000	0.
GR	415.000	200.000	409.300	475.000	383.600	475.000	383.600	480.000	409.000	480.000
GR	405.000	1000.000	410.000	1200.000	0.	0.	0.	0.	0.	0.
SB	0.	1.500	2.500	0.	5.000	0.	30.000	0.	383.600	383.600
X1	9.200	7.000	475.000	480.000	110.000	110.000	110.000	0.	0.	0.
X2	0.	0.	1.000	389.300	409.300	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	409.300	409.000	0.
BT	5.000	200.000	415.000	0.	475.000	409.300	389.300	480.000	409.000	389.300
BT	1000.000	405.000	0.	1200.000	410.000	0.	0.	0.	0.	0.
GR	415.000	200.000	409.300	475.000	383.600	475.000	383.600	480.000	409.000	480.000
GR	405.000	1000.000	410.000	1200.000	0.	0.	0.	0.	0.	0.
NH	5.000	10.000	690.000	0.070	725.000	0.030	745.000	0.070	760.000	10.000
NH	1445.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
X1	40.300	18.000	725.000	745.000	50.000	50.000	50.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	425.000	200.000	420.000	230.000	410.000	490.000	405.000	545.000	400.000	590.000
GR	395.000	630.000	390.000	690.000	387.500	725.000	384.000	732.000	384.000	738.000
GR	387.500	745.000	390.000	760.000	390.000	910.000	395.000	970.000	400.000	990.000
GR	405.000	1145.000	410.000	1280.000	411.500	1445.000	0.	0.	0.	0.
NC	0.070	0.070	0.030	0.100	0.300	0.	0.	0.	0.	0.
X1	39.000	15.000	1495.000	1512.000	975.000	1040.000	1040.000	0.	0.	0.
GR	415.000	200.000	410.000	250.000	405.000	340.000	401.500	460.000	400.000	570.000
GR	397.500	790.000	395.000	1070.000	390.000	1280.000	389.000	1495.000	387.000	1502.000
GR	387.000	1510.000	389.000	1512.000	390.000	1515.000	400.000	1860.000	406.000	2175.000
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR - 01,02 ,
  MODIFICATION - 50,51,52,53
  MODIFIED FOR HONEYWELL APR 79
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**************************************************
  NEW YORK STATE
  DEPT OF ENVIRONMENTAL CONSERVATION
  FLOOD INSURANCE STUDIES GROUP
  THIS RUN EXECUTED       07/23/  *****
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T1        DEC SALINA T                                          00000000
T2        50-YEAR FLOOD                                         00000000
T3        BEAR TRAP CREEK                                       00000000

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       0.       3.        0.        0.  0.000800       0.       -1.0        0.   367.500      0.

J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    2.000      0.       -1.000     0.        0.        0.        0.        0.        0.        0.
```

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR - 01,02 ,
  MODIFICATION - 50,51,52,53
  MODIFIED FOR HONEYWELL APR 79
**************************************************
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**************************************************
  NEW YORK STATE
  DEPT OF ENVIRONMENTAL CONSERVATION
  FLOOD INSURANCE STUDIES GROUP
  THIS RUN EXECUTED       07/23/  *****
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T1        DEC SALINA T                                    00000000
T2        100-YEAR FLOOD                                  00000000
T3        BEAR TRAP CREEK                                 00000000

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
        0.       4.        0.        0.  0.000800       0.      -1.0        0.   368.000      0.

J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    3.000        0.     -1.000       0.        0.        0.        0.        0.        0.        0.
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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR - 01,02 ,
  MODIFICATION - 50,51,52,53
  MODIFIED FOR HONEYWELL APR 79
**************************************************
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**************************************************
  NEW YORK STATE
  DEPT OF ENVIRONMENTAL CONSERVATION
  FLOOD INSURANCE STUDIES GROUP
  THIS RUN EXECUTED       07/23/  *****
**************************************************
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```
T1         DEC SALINA T                                    00000000
T2       500-YEAR FLOOD                                    00000000
T3         BEAR TRAP CREEK                                 00000000

J1  ICHECK     INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       0.       5.        0.        0.  0.000800        0.      -1.0        0.   368.900      0.

J2  NPROF      IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    15.000     0.        -1.000    0.        0.        0.        0.        0.        0.        0.
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**********************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR - 01,02 ,
  MODIFICATION - 50,51,52,53
  MODIFIED FOR HONEYWELL APR 79
**********************************************

**********************************************
  NEW YORK STATE
  DEPT OF ENVIRONMENTAL CONSERVATION
  FLOOD INSURANCE STUDIES GROUP
  THIS RUN EXECUTED       07/23/  *****
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NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BEAR TRAP CREEK
SUMMARY PRINTOUT TABLE 150

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FLOOD INSURANCE STUDIES GROUP

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
A	101.000	0.	0.	0.	362.90	460.00	368.70	0.	368.82	8.04	2.78	165.76	162.22
	101.000	0.	0.	0.	362.90	680.00	369.63	0.	369.79	8.02	3.18	250.41	240.07
	101.000	0.	0.	0.	362.90	780.00	369.94	0.	370.10	8.01	3.32	306.36	275.68
	101.000	0.	0.	0.	362.90	1020.00	370.48	0.	370.66	8.15	3.59	443.20	357.30
265 B	98.100	265.00	0.	0.	365.00	460.00	368.91	0.	369.32	43.39	5.10	90.21	69.84
	98.100	265.00	0.	0.	365.00	680.00	369.82	0.	370.28	38.94	5.48	124.18	108.97
	98.100	265.00	0.	0.	365.00	780.00	370.10	0.	370.61	40.22	5.75	135.54	122.99
	98.100	265.00	0.	0.	365.00	1020.00	370.57	0.	371.24	46.86	6.55	155.82	149.01
	98.110	75.00	0.	0.	365.00	460.00	368.89	0.	370.16	70.18	9.04	50.89	54.91
*	98.110	75.00	0.	0.	365.00	680.00	369.48	369.48	371.49	91.97	11.40	59.66	70.91
*	98.110	75.00	0.	0.	365.00	780.00	369.88	369.88	372.07	89.08	11.88	65.68	82.64
*	98.110	75.00	0.	0.	365.00	1020.00	370.71	370.71	373.36	87.87	13.04	78.21	108.82
	53.200	50.00	372.50	370.50	365.00	460.00	369.43	0.	370.18	49.70	6.92	66.52	65.25
*	53.200	50.00	372.50	370.50	365.00	680.00	370.36	0.	371.49	63.87	8.46	80.36	85.08
*	53.200	50.00	372.50	370.50	365.00	780.00	371.17	0.	372.27	56.99	8.43	92.53	103.32
*	53.200	50.00	372.50	370.50	365.00	1020.00	372.20	0.	373.59	63.93	9.43	108.13	127.57
440 C	94.300	50.00	0.	0.	365.20	460.00	370.18	0.	370.33	9.29	3.03	152.47	150.95
	94.300	50.00	0.	0.	365.20	680.00	371.52	0.	371.67	6.72	3.16	266.56	262.39
	94.300	50.00	0.	0.	365.20	780.00	372.31	0.	372.43	4.82	2.94	377.91	355.29
	94.300	50.00	0.	0.	365.20	1020.00	373.67	0.	373.76	3.10	2.71	647.31	579.31
D	93.000	400.00	0.	0.	365.80	460.00	370.58	0.	370.80	13.67	3.76	124.28	124.40
	93.000	400.00	0.	0.	365.80	680.00	371.79	0.	372.06	12.01	4.19	178.00	196.23
	93.000	400.00	0.	0.	365.80	780.00	372.48	0.	372.74	10.07	4.16	216.43	245.83
	93.000	400.00	0.	0.	365.80	1020.00	373.74	0.	374.00	8.24	4.28	301.54	355.26
E	92.000	560.00	0.	0.	366.80	460.00	371.37	0.	371.54	12.65	3.35	147.72	129.31
	92.000	560.00	0.	0.	366.80	680.00	372.48	0.	372.67	9.86	3.58	222.40	216.58
	92.000	560.00	0.	0.	366.80	780.00	373.07	0.	373.25	8.19	3.54	268.77	272.51
	92.000	560.00	0.	0.	366.80	1020.00	374.23	0.	374.41	6.34	3.58	374.89	405.01
F	90.100	850.00	0.	0.	368.00	460.00	372.02	0.	372.09	3.83	2.17	259.16	234.90
	90.100	850.00	0.	0.	368.00	680.00	373.04	0.	373.12	3.21	2.37	405.96	379.62
	90.100	850.00	0.	0.	368.00	780.00	373.56	0.	373.64	2.82	2.39	494.91	464.20
	90.100	850.00	0.	0.	368.00	1020.00	374.64	0.	374.73	2.35	2.50	712.61	664.91

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
	90.110	130.00	0.	0.	368.00	460.00	372.01	C.	372.28	13.54	4.17	110.20	125.03
	90.110	130.00	0.	0.	368.00	680.00	372.98	C.	373.35	13.92	4.88	139.28	182.26
	90.110	130.00	0.	0.	368.00	780.00	373.47	C.	373.87	13.25	5.06	154.17	214.31
	90.110	130.00	0.	0.	368.00	1020.00	374.51	C.	374.98	12.66	5.50	185.33	286.64
	49.200	120.00	380.50	377.50	368.50	460.00	372.04	C.	372.33	18.77	4.33	106.25	106.16
	49.200	120.00	380.50	377.50	368.50	680.00	373.03	C.	373.42	19.40	5.01	135.78	154.37
	49.200	120.00	380.50	377.50	368.50	780.00	373.52	C.	373.94	18.64	5.17	150.75	180.69
	49.200	120.00	380.50	377.50	368.50	1020.00	374.57	C.	375.06	18.15	5.60	182.17	239.44
G	86.300	125.00	0.	0.	367.80	460.00	372.42	C.	372.47	2.64	1.91	316.97	282.85
	86.300	125.00	0.	0.	367.80	680.00	373.52	C.	373.58	2.25	2.10	535.42	452.84
	86.300	125.00	0.	0.	367.80	780.00	374.04	C.	374.10	2.04	2.14	666.72	546.54
	86.300	125.00	0.	0.	367.80	1020.00	375.17	C.	375.24	1.74	2.25	1005.51	772.73
	84.000	290.00	0.	0.	369.00	460.00	372.52	C.	372.59	5.98	2.70	367.23	188.15
H	84.000	290.00	0.	0.	369.00	680.00	373.61	C.	373.66	3.23	2.39	680.71	378.64
	84.000	290.00	0.	0.	369.00	780.00	374.13	C.	374.17	2.41	2.23	866.84	502.39
	84.000	290.00	0.	0.	369.00	1020.00	375.26	C.	375.28	1.39	1.94	1344.27	866.11
	82.100	225.00	0.	0.	369.50	460.00	372.63	C.	372.83	14.81	3.73	170.89	119.54
	82.100	225.00	0.	0.	369.50	680.00	373.64	C.	373.80	8.89	3.56	312.22	228.06
I	82.100	225.00	0.	0.	369.50	780.00	374.15	C.	374.28	6.82	3.39	400.19	298.68
	82.100	225.00	0.	0.	369.50	1020.00	375.26	C.	375.36	4.10	3.07	636.11	503.84
	82.110	100.00	0.	0.	369.50	460.00	372.53	C.	373.30	25.02	7.05	65.27	91.96
	82.110	100.00	0.	0.	369.50	680.00	373.34	C.	374.38	25.38	8.17	83.19	134.99
	82.110	100.00	0.	0.	369.50	780.00	373.78	C.	374.88	23.61	8.39	92.92	160.53
	82.110	100.00	0.	0.	369.50	1020.00	374.77	C.	376.00	21.03	8.90	114.65	222.43
*	45.200	135.00	392.50	375.50	369.50	460.00	373.42	C.	373.86	12.49	5.33	86.30	130.15
*	45.200	135.00	392.50	375.50	369.50	680.00	374.59	C.	375.16	12.66	6.07	111.99	191.09
*	45.200	135.00	392.50	375.50	369.50	780.00	375.08	C.	375.71	12.78	6.36	122.72	218.17
*	45.200	135.00	392.50	375.50	369.50	1020.00	376.49	C.	377.17	11.43	6.62	154.07	301.73
	80.000	100.00	0.	0.	370.00	460.00	373.74	C.	374.01	6.54	4.23	148.60	179.84
J	80.000	100.00	0.	0.	370.00	680.00	375.11	C.	375.33	3.85	4.07	291.10	346.73
	80.000	100.00	0.	0.	370.00	780.00	375.69	C.	375.89	3.16	3.98	370.46	438.79
	80.000	100.00	0.	0.	370.00	1020.00	377.23	C.	377.37	1.82	3.57	646.72	755.70
	80.100	140.00	0.	0.	370.00	460.00	373.86	C.	374.10	5.79	4.07	158.22	191.25
K	80.100	140.00	0.	0.	370.00	680.00	375.18	C.	375.39	3.65	4.00	298.74	355.69
	80.100	140.00	0.	0.	370.00	780.00	375.74	C.	375.93	3.05	3.93	377.15	446.48
	80.100	140.00	0.	0.	370.00	1020.00	377.25	C.	377.40	1.80	3.56	651.37	761.07
	80.110	80.00	0.	0.	370.00	460.00	373.79	C.	374.30	13.39	5.75	79.96	125.72
	80.110	80.00	0.	0.	370.00	680.00	375.01	C.	375.65	12.03	6.40	106.28	196.04
	80.110	80.00	0.	0.	370.00	780.00	375.54	C.	376.22	11.60	6.63	117.57	229.06
	80.110	80.00	0.	0.	370.00	1020.00	376.99	C.	377.72	9.67	6.85	148.81	328.02
	41.200	80.00	378.10	375.70	369.70	460.00	374.04	C.	374.42	9.78	4.93	93.27	147.05
	41.200	80.00	378.10	375.70	369.70	680.00	375.43	C.	375.90	9.49	5.52	123.30	220.72
	41.200	80.00	378.10	375.70	369.70	780.00	376.23	C.	376.71	8.61	5.55	140.46	265.78
	41.200	80.00	378.10	375.70	369.70	1020.00	378.28	C.	378.76	6.80	5.53	186.06	391.04

	SECND	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
L	70.300	80.00	0.	0.	370.00	460.00	374.41	C.	374.55	6.83	3.25	252.25	176.01
	70.300	80.00	0.	0.	370.00	680.00	375.93	C.	376.06	4.24	3.16	578.31	330.29
	70.300	80.00	0.	0.	370.00	780.00	376.75	C.	376.86	3.29	3.05	822.90	429.79
	70.300	80.00	0.	0.	370.00	1020.00	378.81	C.	378.90	1.96	2.83	1659.28	729.09
M	69.000	790.00	0.	0.	372.30	460.00	375.26	C.	375.39	19.33	4.04	304.71	104.62
	69.000	790.00	0.	0.	372.30	680.00	376.40	C.	376.44	5.50	2.68	671.11	289.89
	69.000	790.00	0.	0.	372.30	780.00	377.09	C.	377.11	3.04	2.21	917.32	447.40
	69.000	790.00	0.	0.	372.30	1020.00	379.00	C.	379.01	0.93	1.53	1691.49	1056.52
* N	68.000	1250.00	0.	0.	376.00	460.00	378.14	377.86	378.32	31.29	4.27	245.33	82.24
*	68.000	1250.00	0.	0.	376.00	680.00	378.10	378.10	378.54	74.48	6.52	235.84	78.79
*	68.000	1250.00	0.	0.	376.00	780.00	378.20	378.20	378.65	76.07	6.81	264.89	89.43
	68.000	1250.00	0.	0.	376.00	1020.00	379.20	C.	379.32	16.10	4.11	657.27	254.20
O	67.000	1300.00	0.	0.	377.50	460.00	380.50	C.	380.60	11.80	3.31	344.13	133.90
	67.000	1300.00	0.	0.	377.50	680.00	381.04	C.	381.12	9.37	3.32	522.12	222.21
	67.000	1300.00	0.	0.	377.50	780.00	381.20	C.	381.29	9.54	3.46	577.44	252.54
	67.000	1300.00	0.	0.	377.50	1020.00	381.20	C.	381.35	16.52	4.54	574.62	250.96
P	67.100	1700.00	0.	0.	379.50	460.00	382.39	C.	382.49	11.73	3.40	322.47	134.28
	67.100	1700.00	0.	0.	379.50	680.00	382.78	C.	382.90	13.45	3.96	435.62	185.41
	67.100	1700.00	0.	0.	379.50	780.00	382.95	C.	383.08	13.50	4.11	493.44	212.28
	67.100	1700.00	0.	0.	379.50	1020.00	383.41	C.	383.53	11.71	4.17	671.51	298.12
Q	66.100	970.00	0.	0.	380.00	460.00	383.76	C.	384.16	25.10	5.46	135.26	91.81
	66.100	970.00	0.	0.	380.00	680.00	384.31	C.	384.83	29.07	6.45	191.89	126.13
	66.100	970.00	0.	0.	380.00	780.00	384.50	C.	385.08	31.33	6.89	213.45	139.34
	66.100	970.00	0.	0.	380.00	1020.00	384.82	C.	385.57	38.66	8.02	253.27	164.05
*	66.110	80.00	0.	0.	380.00	460.00	384.67	384.67	387.02	42.90	12.32	37.32	70.23
*	66.110	80.00	0.	0.	380.00	680.00	386.06	386.06	389.11	43.55	14.02	48.51	103.04
*	66.110	80.00	0.	0.	380.00	780.00	386.65	386.65	389.99	44.11	14.65	53.24	117.45
*	66.110	80.00	0.	0.	380.00	1020.00	387.93	387.93	391.94	46.68	16.07	63.47	149.30
	37.200	60.00	389.50	385.00	380.00	460.00	386.86	C.	387.95	36.94	8.38	54.90	75.69
	37.200	60.00	389.50	385.00	380.00	680.00	388.29	C.	389.92	50.78	10.26	66.28	95.43
	37.200	60.00	389.50	385.00	380.00	780.00	387.03	C.	390.02	100.04	13.87	56.24	77.98
	37.200	60.00	389.50	385.00	380.00	1020.00	388.08	C.	391.94	121.16	15.77	64.70	92.66
R	37.300	50.00	0.	0.	380.00	460.00	388.22	C.	388.27	0.64	2.14	584.80	577.01
	37.300	50.00	0.	0.	380.00	680.00	390.38	C.	390.41	0.31	1.77	1501.07	1218.39
	37.300	50.00	0.	0.	380.00	780.00	390.89	C.	390.92	0.29	1.76	1804.78	1453.45
	37.300	50.00	0.	0.	380.00	1020.00	393.09	C.	393.10	0.13	1.35	3201.14	2801.23
S	50.100	175.00	0.	0.	380.00	460.00	388.23	C.	388.28	0.63	2.13	587.57	579.29
	50.100	175.00	0.	0.	380.00	680.00	390.39	C.	390.42	0.31	1.76	1505.03	1221.29
	50.100	175.00	0.	0.	380.00	780.00	390.90	C.	390.92	0.29	1.75	1811.10	1458.59
	50.100	175.00	0.	0.	380.00	1020.00	393.09	C.	393.10	0.13	1.35	3204.48	2804.90
	50.110	80.00	0.	0.	380.00	460.00	388.23	C.	388.30	1.00	3.03	582.72	460.47
	50.110	80.00	0.	0.	380.00	680.00	390.39	C.	390.42	0.43	2.32	1501.51	1038.05
	50.110	80.00	0.	0.	380.00	780.00	390.90	C.	390.92	0.38	2.27	1806.63	1257.68
	50.110	80.00	0.	0.	380.00	1020.00	393.09	C.	393.10	0.16	1.67	3200.14	2524.10

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
	33.200	80.00	390.30	384.30	380.00	460.00	390.47	C.	390.47	0.10	0.70	2059.15	1447.34
	33.200	80.00	390.30	384.30	380.00	680.00	390.85	C.	390.86	0.18	0.96	2353.01	1610.80
	33.200	80.00	390.30	384.30	380.00	780.00	391.02	C.	391.03	0.21	1.06	2486.78	1693.35
	33.200	80.00	390.30	384.30	380.00	1020.00	393.13	C.	393.13	0.10	0.82	4263.31	3205.30
T	49.000	80.00	0.	0.	380.20	460.00	390.47	C.	390.47	0.26	0.86	1476.30	906.20
	49.000	80.00	0.	0.	380.20	680.00	390.85	C.	390.86	0.42	1.12	1677.98	1051.99
	49.000	80.00	0.	0.	380.20	780.00	391.02	C.	391.03	0.48	1.22	1770.32	1121.27
	49.000	80.00	0.	0.	380.20	1020.00	393.13	C.	393.13	0.21	0.91	3060.15	2217.13
U	48.100	660.00	0.	0.	382.00	460.00	390.49	C.	390.50	0.53	1.16	1057.77	634.07
	48.100	660.00	0.	0.	382.00	680.00	390.89	C.	390.90	0.80	1.48	1277.25	759.28
	48.100	660.00	0.	0.	382.00	780.00	391.06	C.	391.08	0.91	1.59	1378.38	819.87
	48.100	660.00	0.	0.	382.00	1020.00	393.14	C.	393.15	0.30	1.05	2842.27	1859.84
	48.110	70.00	0.	0.	382.00	460.00	390.49	C.	390.50	0.69	1.23	1043.64	553.14
	48.110	70.00	0.	0.	382.00	680.00	390.90	C.	390.91	1.02	1.54	1263.36	673.14
	48.110	70.00	0.	0.	382.00	780.00	391.07	C.	391.08	1.14	1.65	1365.55	731.97
	48.110	70.00	0.	0.	382.00	1020.00	393.15	C.	393.15	0.34	1.04	2828.05	1740.85
	25.200	75.00	390.30	387.00	382.00	460.00	390.99	C.	390.99	0.13	0.73	2960.09	1273.99
	25.200	75.00	390.30	387.00	382.00	680.00	391.21	C.	391.21	0.23	0.99	3217.65	1415.07
	25.200	75.00	390.30	387.00	382.00	780.00	391.30	C.	391.30	0.28	1.09	3329.22	1477.32
	25.200	75.00	390.30	387.00	382.00	1020.00	393.17	C.	393.17	0.09	0.71	5979.59	3371.79
V	47.100	60.00	0.	0.	382.50	460.00	390.98	C.	391.01	0.79	2.25	1025.03	518.51
	47.100	60.00	0.	0.	382.50	680.00	391.19	C.	391.23	1.35	2.99	1174.44	585.66
	47.100	60.00	0.	0.	382.50	780.00	391.28	C.	391.33	1.60	3.28	1241.15	617.06
	47.100	60.00	0.	0.	382.50	1020.00	393.17	C.	393.18	0.40	1.87	2930.70	1616.77
	47.110	175.00	0.	0.	382.50	460.00	390.99	C.	391.02	0.79	2.25	1025.81	518.85
	47.110	175.00	0.	0.	382.50	680.00	391.21	C.	391.26	1.33	2.97	1184.87	590.51
	47.110	175.00	0.	0.	382.50	780.00	391.30	C.	391.35	1.56	3.24	1257.72	624.99
	47.110	175.00	0.	0.	382.50	1020.00	393.18	C.	393.18	0.40	1.87	2930.33	1616.52
	21.200	75.00	390.00	387.00	382.00	460.00	390.97	C.	391.02	2.95	2.65	858.22	267.66
	21.200	75.00	390.00	387.00	382.00	680.00	391.20	C.	391.26	3.95	3.12	1071.04	342.27
	21.200	75.00	390.00	387.00	382.00	780.00	391.30	C.	391.35	4.26	3.26	1165.54	377.89
	21.200	75.00	390.00	387.00	382.00	1020.00	393.20	C.	393.20	0.46	1.21	3374.70	1501.61
W	46.000	70.00	0.	0.	382.00	460.00	391.03	C.	391.03	0.18	0.83	1785.59	1073.03
	46.000	70.00	0.	0.	382.00	680.00	391.26	C.	391.27	0.33	1.13	1933.92	1180.94
	46.000	70.00	0.	0.	382.00	780.00	391.36	C.	391.37	0.40	1.26	1998.69	1228.25
	46.000	70.00	0.	0.	382.00	1020.00	393.20	C.	393.20	0.18	0.96	3484.87	2379.57
X	45.000	1080.00	0.	0.	382.50	460.00	391.01	C.	391.10	1.75	2.50	300.57	348.17
	45.000	1080.00	0.	0.	382.50	680.00	391.23	C.	391.40	3.43	3.56	328.88	367.10
	45.000	1080.00	0.	0.	382.50	780.00	391.32	C.	391.53	4.33	4.03	341.12	374.78
	45.000	1080.00	0.	0.	382.50	1020.00	393.11	C.	393.32	3.43	4.09	717.56	550.71
	17.110	100.00	0.	0.	382.50	460.00	389.53	C.	392.18	136.79	13.07	35.19	39.33
*	17.110	100.00	0.	0.	382.50	680.00	390.81	390.81	394.97	202.89	16.36	41.56	47.74
*	17.110	100.00	0.	0.	382.50	780.00	391.58	391.58	396.16	218.15	17.19	45.38	52.81
*	17.110	100.00	0.	0.	382.50	1020.00	393.35	393.35	398.84	248.59	18.79	54.27	64.69

	SECND	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10K*S	VCH	AREA	.01K
	17.200	300.00	398.50	388.50	382.70	460.00	393.97	0.	395.01	46.46	8.16	56.36	67.49
	17.200	300.00	398.50	388.50	382.70	680.00	397.88	0.	399.13	52.51	8.96	75.90	93.84
	17.200	300.00	398.50	388.50	382.70	780.00	397.65	0.	399.34	71.34	10.43	74.80	92.35
	17.200	300.00	398.50	388.50	382.70	1020.00	396.04	0.	399.67	157.03	15.29	66.69	81.40
	44.100	100.00	0.	0.	383.00	460.00	395.19	0.	395.22	0.36	1.49	1206.21	766.40
Y	44.100	100.00	0.	0.	383.00	680.00	399.36	0.	399.38	0.25	1.53	3032.13	1352.09
	44.100	100.00	0.	0.	383.00	780.00	399.65	0.	399.68	0.31	1.72	3194.80	1398.94
	44.100	100.00	0.	0.	383.00	1020.00	400.35	0.	400.41	0.45	2.14	3599.76	1513.63
	44.110	50.00	0.	0.	383.00	460.00	395.21	0.	395.22	0.19	1.73	1208.11	1045.58
	44.110	50.00	0.	0.	383.00	680.00	399.39	0.	399.39	0.05	1.09	3044.48	2999.70
	44.110	50.00	0.	0.	383.00	780.00	399.69	0.	399.69	0.06	1.18	3212.10	3198.35
	44.110	50.00	0.	0.	383.00	1020.00	400.41	0.	400.42	0.07	1.36	3630.01	3742.74
	13.200	50.00	391.50	388.00	383.00	460.00	395.23	0.	395.26	1.86	2.19	645.04	337.63
	13.200	50.00	391.50	388.00	383.00	680.00	399.41	0.	399.42	0.14	0.74	2419.95	1805.77
	13.200	50.00	391.50	388.00	383.00	780.00	399.72	0.	399.72	0.16	0.78	2588.86	1972.71
	13.200	50.00	391.50	388.00	383.00	1020.00	400.45	0.	400.45	0.17	0.85	3011.35	2443.74
	43.000	50.00	0.	0.	383.00	460.00	395.26	0.	395.27	0.04	0.48	2563.45	2410.00
Z	43.000	50.00	0.	0.	383.00	680.00	399.42	0.	399.42	0.01	0.36	4885.13	5768.23
	43.000	50.00	0.	0.	383.00	780.00	399.72	0.	399.72	0.02	0.40	5077.29	6078.46
	43.000	50.00	0.	0.	383.00	1020.00	400.45	0.	400.45	0.02	0.47	5545.91	6875.63
	42.000	550.00	0.	0.	383.20	460.00	395.27	0.	395.27	0.02	0.35	3412.36	2953.55
	42.000	550.00	0.	0.	383.20	680.00	399.42	0.	399.42	0.01	0.23	7723.45	8152.06
AA	42.000	550.00	0.	0.	383.20	780.00	399.72	0.	399.72	0.01	0.25	8094.26	8666.02
	42.000	550.00	0.	0.	383.20	1020.00	400.46	0.	400.46	0.01	0.30	9002.50	9992.98
	41.100	430.00	0.	0.	383.60	460.00	395.25	0.	395.28	0.51	1.56	1349.98	646.77
	41.100	430.00	0.	0.	383.60	680.00	399.40	0.	399.42	0.30	1.51	3169.02	1244.36
AB	41.100	430.00	0.	0.	383.60	780.00	399.70	0.	399.73	0.36	1.68	3319.70	1294.56
	41.100	430.00	0.	0.	383.60	1020.00	400.43	0.	400.47	0.52	2.08	3680.88	1415.23
	41.110	70.00	0.	0.	383.60	460.00	394.75	0.	395.80	47.61	8.25	55.74	66.67
	41.110	70.00	0.	0.	383.60	680.00	398.80	0.	400.04	52.36	8.95	76.00	93.97
	41.110	70.00	0.	0.	383.60	780.00	398.92	0.	400.53	67.66	10.18	76.63	94.83
	41.110	70.00	0.	0.	383.60	1020.00	399.12	0.	401.80	112.56	13.14	77.60	96.14
	9.200	110.00	409.30	389.30	383.60	460.00	399.72	0.	400.22	21.08	5.71	80.59	100.19
	9.200	110.00	409.30	389.30	383.60	680.00	405.40	0.	406.01	24.00	6.24	109.02	138.79
	9.200	110.00	409.30	389.30	383.60	780.00	405.43	0.	406.23	31.48	7.14	109.18	139.01
	9.200	110.00	409.30	389.30	383.60	1020.00	405.21	0.	406.60	54.99	9.44	108.11	137.55
	40.300	50.00	0.	0.	384.00	460.00	400.37	0.	400.37	0.09	0.87	3557.73	1518.07
AC	40.300	50.00	0.	0.	384.00	680.00	406.18	0.	406.19	0.06	0.87	6643.32	2778.84
	40.300	50.00	0.	0.	384.00	780.00	406.46	0.	406.46	0.08	0.99	6821.61	2845.94
	40.300	50.00	0.	0.	384.00	1020.00	407.00	0.	407.01	0.12	1.25	7180.84	2979.94
	39.000	1040.00	0.	0.	387.00	460.00	400.38	0.	400.38	0.01	0.19	7620.37	6373.46
	39.000	1040.00	0.	0.	387.00	680.00	406.19	0.	406.19	0.00	0.12	17077.63	18756.93
	39.000	1040.00	0.	0.	387.00	780.00	406.47	0.	406.47	0.00	0.13	17591.13	19550.61
	39.000	1040.00	0.	0.	387.00	1020.00	407.01	0.	407.01	0.00	0.17	18608.73	21167.73

BEAR TRAP CREEK
SUMMARY PRINTOUT TABLE 150

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FLOOD INSURANCE STUDIES GROUP

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	101.000	460.00	368.70	0.	0.	1.70	44.94	0.
A	101.000	680.00	369.63	0.94	0.	2.13	160.02	0.
	101.000	780.00	369.94	0.30	0.	1.94	207.44	0.
	101.000	1020.00	370.48	0.55	0.	1.58	292.68	0.
	98.100	460.00	368.91	0.	0.22	0.	35.13	265.00
B	98.100	680.00	369.82	0.90	0.18	0.	39.84	265.00
	98.100	780.00	370.10	0.28	0.16	0.	41.30	265.00
	98.100	1020.00	370.57	0.48	0.09	0.	43.78	265.00
	98.110	460.00	368.89	0.	-0.02	0.	15.00	75.00
*	98.110	680.00	369.48	0.59	-0.34	0.	15.00	75.00
*	98.110	780.00	369.88	0.40	-0.22	0.	15.00	75.00
*	98.110	1020.00	370.71	0.84	0.14	0.	15.00	75.00
	53.200	460.00	369.43	0.	0.54	0.	15.00	50.00
*	53.200	680.00	370.36	0.92	0.88	0.	15.00	50.00
*	53.200	780.00	371.17	0.81	1.29	0.	15.00	50.00
*	53.200	1020.00	372.20	1.04	1.49	0.	15.00	50.00
	94.300	460.00	370.18	0.	0.75	0.	49.98	50.00
	94.300	680.00	371.52	1.34	1.16	0.	120.79	50.00
C	94.300	780.00	372.31	0.78	1.14	0.	162.46	50.00
	94.300	1020.00	373.67	1.36	1.46	0.	234.42	50.00
	93.000	460.00	370.58	0.	0.39	0.	36.91	400.00
D	93.000	680.00	371.79	1.21	0.27	0.	51.50	400.00
	93.000	780.00	372.48	0.69	0.17	0.	59.79	400.00
	93.000	1020.00	373.74	1.26	0.07	0.	74.95	400.00
	92.000	460.00	371.37	0.	0.79	0.	59.13	560.00
E	92.000	680.00	372.48	1.12	0.69	0.	74.75	560.00
	92.000	780.00	373.07	0.59	0.59	0.	82.98	560.00
	92.000	1020.00	374.23	1.16	0.50	0.	99.28	560.00
	90.100	460.00	372.02	0.	0.66	0.	123.59	850.00
F	90.100	680.00	373.04	1.02	0.56	0.	161.77	850.00
	90.100	780.00	373.56	0.52	0.49	0.	181.03	850.00
	90.100	1020.00	374.64	1.08	0.41	0.	221.21	850.00
	90.110	460.00	372.01	0.	-0.02	0.	30.00	130.00
	90.110	680.00	372.98	0.97	-0.07	0.	30.00	130.00
	90.110	780.00	373.47	0.50	-0.09	0.	30.00	130.00
	90.110	1020.00	374.51	1.04	-0.13	0.	30.00	130.00
	49.200	460.00	372.04	0.	0.03	0.	30.00	120.00
	49.200	680.00	373.03	0.98	0.05	0.	30.00	120.00
	49.200	780.00	373.52	0.50	0.05	0.	30.00	120.00
	49.200	1020.00	374.57	1.05	0.06	0.	30.00	120.00
	86.300	460.00	372.42	0.	0.38	0.	165.85	125.00
G	86.300	680.00	373.52	1.09	0.49	0.	233.42	125.00
	86.300	780.00	374.04	0.53	0.52	0.	265.90	125.00
	86.300	1020.00	375.17	1.13	0.60	0.	336.35	125.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
H	84.000	460.00	372.52	0.	0.10	0.	241.65	290.00
	84.000	680.00	373.61	1.09	0.09	0.	333.26	290.00
	84.000	780.00	374.13	0.52	0.09	0.	377.27	290.00
	84.000	1020.00	375.26	1.13	0.09	0.	463.61	290.00
I	82.100	460.00	372.63	0.	0.11	0.	115.09	225.00
	82.100	680.00	373.64	1.01	0.03	0.	162.23	225.00
	82.100	780.00	374.15	0.51	0.01	0.	185.62	225.00
	82.100	1020.00	375.26	1.11	-0.00	0.	249.23	225.00
	82.110	460.00	372.53	0.	-0.10	0.	22.00	100.00
	82.110	680.00	373.34	0.81	-0.30	0.	22.00	100.00
	82.110	780.00	373.78	0.44	-0.36	0.	22.00	100.00
	82.110	1020.00	374.77	0.99	-0.49	0.	22.00	100.00
*	45.200	460.00	373.42	0.	0.89	0.	22.00	135.00
*	45.200	680.00	374.59	1.17	1.25	0.	22.00	135.00
*	45.200	780.00	375.08	0.49	1.29	0.	22.00	135.00
*	45.200	1020.00	376.49	1.42	1.72	0.	22.00	135.00
J	80.000	460.00	373.74	0.	0.32	0.	83.05	100.00
	80.000	680.00	375.11	1.37	0.52	0.	125.83	100.00
	80.000	780.00	375.69	0.58	0.61	0.	148.80	100.00
	80.000	1020.00	377.23	1.54	0.73	0.	210.01	100.00
K	80.100	460.00	373.86	0.	0.11	0.	86.51	140.00
	80.100	680.00	375.18	1.32	0.06	0.	128.22	140.00
	80.100	780.00	375.74	0.56	0.05	0.	150.58	140.00
	80.100	1020.00	377.25	1.52	0.03	0.	210.89	140.00
	80.110	460.00	373.79	0.	-0.07	0.	21.50	80.00
	80.110	680.00	375.01	1.22	-0.16	0.	21.50	80.00
	80.110	780.00	375.54	0.52	-0.20	0.	21.50	80.00
	80.110	1020.00	376.99	1.45	-0.26	0.	21.50	80.00
	41.200	460.00	374.04	0.	0.25	0.	21.50	80.00
	41.200	680.00	375.43	1.39	0.42	0.	21.50	80.00
	41.200	780.00	376.23	0.80	0.69	0.	21.50	80.00
	41.200	1020.00	378.28	2.05	1.29	0.	39.02	80.00
L	70.300	460.00	374.41	0.	0.37	0.	157.57	80.00
	70.300	680.00	375.93	1.53	0.50	0.	270.11	80.00
	70.300	780.00	376.75	0.82	0.52	0.	330.25	80.00
	70.300	1020.00	378.81	2.06	0.53	0.	482.21	80.00
M	69.000	460.00	375.26	0.	0.85	0.	299.76	790.00
	69.000	680.00	376.40	1.14	0.46	0.	343.08	790.00
	69.000	780.00	377.09	0.69	0.34	0.	369.34	790.00
	69.000	1020.00	379.00	1.91	0.19	0.	441.87	790.00
** N	68.000	460.00	378.14	0.	2.88	0.	301.24	1250.00
**	68.000	680.00	378.10	-0.03	1.71	0.	296.14	1250.00
**	68.000	780.00	378.20	0.10	1.11	0.	311.48	1250.00
**	68.000	1020.00	379.20	1.00	0.21	0.	472.06	1250.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	67.000	460.00	380.50	0.	2.36	0.	313.94	1300.00
O	67.000	680.00	381.04	0.54	2.93	0.	345.33	1300.00
	67.000	780.00	381.20	0.16	2.99	0.	354.52	1300.00
	67.000	1020.00	381.20	0.00	1.99	0.	354.06	1300.00
	67.100	460.00	382.39	0.	1.89	0.	268.11	1700.00
P	67.100	680.00	382.78	0.39	1.74	0.	321.36	1700.00
	67.100	780.00	382.95	0.17	1.75	0.	345.42	1700.00
	67.100	1020.00	383.41	0.46	2.22	0.	410.75	1700.00
	66.100	460.00	383.76	0.	1.37	0.	90.45	970.00
Q	66.100	680.00	384.31	0.55	1.54	0.	112.75	970.00
	66.100	780.00	384.50	0.19	1.56	0.	120.15	970.00
	66.100	1020.00	384.82	0.31	1.41	0.	132.75	970.00
*	66.110	460.00	384.67	0.	0.91	0.	8.00	80.00
*	66.110	680.00	386.06	1.40	1.75	0.	8.00	80.00
*	66.110	780.00	386.65	0.59	2.15	0.	8.00	80.00
*	66.110	1020.00	387.93	1.28	3.12	0.	8.00	80.00
	37.200	460.00	386.86	0.	2.20	0.	8.00	60.00
	37.200	680.00	388.29	1.43	2.22	0.	8.00	60.00
	37.200	780.00	387.03	-1.25	0.38	0.	8.00	60.00
	37.200	1020.00	388.08	1.05	0.15	0.	8.00	60.00
	37.300	460.00	388.22	0.	1.36	0.	230.79	50.00
R	37.300	680.00	390.38	2.16	2.10	0.	594.60	50.00
	37.300	780.00	390.89	0.51	3.86	0.	607.24	50.00
	37.300	1020.00	393.09	2.20	5.01	0.	662.24	50.00
	50.100	460.00	388.23	0.	0.01	0.	231.44	175.00
S	50.100	680.00	390.39	2.16	0.01	0.	594.77	175.00
	50.100	780.00	390.90	0.51	0.01	0.	607.50	175.00
	50.100	1020.00	393.09	2.20	0.00	0.	662.36	175.00
	50.110	460.00	388.23	0.	-0.01	0.	231.36	80.00
	50.110	680.00	390.39	2.16	0.00	0.	594.81	80.00
	50.110	780.00	390.90	0.51	0.00	0.	607.50	80.00
	50.110	1020.00	393.09	2.20	0.00	0.	662.37	80.00
	33.200	460.00	390.47	0.	2.24	0.	740.62	80.00
	33.200	680.00	390.85	0.39	0.46	0.	774.65	80.00
	33.200	780.00	391.02	0.17	0.13	0.	788.70	80.00
	33.200	1020.00	393.13	2.11	0.03	0.	900.58	80.00
	49.000	460.00	390.47	0.	-0.00	0.	512.50	80.00
T	49.000	680.00	390.85	0.39	-0.00	0.	536.57	80.00
	49.000	780.00	391.02	0.17	-0.00	0.	547.24	80.00
	49.000	1020.00	393.13	2.11	0.00	0.	678.94	80.00
	48.100	460.00	390.49	0.	0.02	0.	525.56	660.00
	48.100	680.00	390.89	0.40	0.03	0.	569.33	660.00
	48.100	780.00	391.06	0.18	0.04	0.	588.40	660.00
	48.100	1020.00	393.14	2.08	0.02	0.	815.11	660.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
U	48.110	460.00	390.49	0.	0.01	0.	526.78	70.00
	48.110	680.00	390.90	0.40	0.01	0.	570.50	70.00
	48.110	780.00	391.07	0.18	0.01	0.	589.73	70.00
	48.110	1020.00	393.15	2.08	0.00	0.	815.87	70.00
	25.200	460.00	390.99	0.	0.50	0.	1164.79	75.00
	25.200	680.00	391.21	0.22	0.31	0.	1214.94	75.00
	25.200	780.00	391.30	0.09	0.23	0.	1236.03	75.00
	25.200	1020.00	393.17	1.87	0.02	0.	1548.65	75.00
V	47.100	460.00	390.98	0.	-0.01	0.	727.70	60.00
	47.100	680.00	391.19	0.21	-0.02	0.	754.23	60.00
	47.100	780.00	391.28	0.09	-0.02	0.	765.78	60.00
	47.100	1020.00	393.17	1.89	-0.00	0.	1015.35	60.00
	47.110	460.00	390.99	0.	0.01	0.	727.84	175.00
	47.110	680.00	391.21	0.22	0.02	0.	756.05	175.00
	47.110	780.00	391.30	0.09	0.03	0.	768.62	175.00
	47.110	1020.00	393.18	1.87	0.01	0.	1015.30	175.00
	21.200	460.00	390.97	0.	-0.02	0.	911.06	75.00
	21.200	680.00	391.20	0.23	-0.01	0.	956.20	75.00
	21.200	780.00	391.30	0.10	-0.00	0.	975.57	75.00
	21.200	1020.00	393.20	1.90	0.02	0.	1351.50	75.00
W	46.000	460.00	391.03	0.	0.05	0.	613.55	70.00
	46.000	680.00	391.26	0.23	0.06	0.	649.36	70.00
	46.000	780.00	391.36	0.10	0.06	0.	664.39	70.00
	46.000	1020.00	393.20	1.84	0.00	0.	960.32	70.00
X	45.000	460.00	391.01	0.	-0.01	0.	123.57	1080.00
	45.000	680.00	391.23	0.22	-0.03	0.	139.19	1080.00
	45.000	780.00	391.32	0.09	-0.04	0.	145.43	1080.00
	45.000	1020.00	393.11	1.79	-0.09	0.	275.20	1080.00
	17.110	460.00	389.53	0.	-1.49	0.	5.00	100.00
*	17.110	680.00	390.81	1.28	-0.42	0.	5.00	100.00
*	17.110	780.00	391.58	0.76	0.26	0.	5.00	100.00
*	17.110	1020.00	393.35	1.78	0.25	0.	5.00	100.00
	17.200	460.00	393.97	0.	4.44	0.	5.00	300.00
	17.200	680.00	397.88	3.91	7.07	0.	5.00	300.00
	17.200	780.00	397.65	-0.23	6.08	0.	5.00	300.00
	17.200	1020.00	396.04	-1.61	2.69	0.	5.00	300.00
Y	44.100	460.00	395.19	0.	1.22	0.	334.66	100.00
	44.100	680.00	399.36	4.16	1.47	0.	542.76	100.00
	44.100	780.00	399.65	0.30	2.00	0.	557.54	100.00
	44.100	1020.00	400.35	0.70	4.32	0.	587.48	100.00
	44.110	460.00	395.21	0.	0.02	0.	335.54	50.00
	44.110	680.00	399.39	4.17	0.03	0.	544.26	50.00
	44.110	780.00	399.69	0.30	0.04	0.	559.45	50.00
	44.110	1020.00	400.41	0.73	0.06	0.	589.52	50.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
13.200	460.00	395.23	0.	0.02	0.	306.64	50.00
13.200	680.00	399.41	4.18	0.03	0.	542.09	50.00
13.200	780.00	399.72	0.31	0.03	0.	559.35	50.00
13.200	1020.00	400.45	0.73	0.04	0.	590.90	50.00
43.000	460.00	395.26	0.	0.03	0.	496.63	50.00
43.000	680.00	399.42	4.15	0.00	0.	622.26	50.00
43.000	780.00	399.72	0.31	0.00	0.	631.54	50.00
43.000	1020.00	400.45	0.73	0.00	0.	645.88	50.00
42.000	460.00	395.27	0.	0.00	0.	880.23	550.00
42.000	680.00	399.42	4.15	0.00	0.	1195.86	550.00
42.000	780.00	399.72	0.31	0.00	0.	1219.20	550.00
42.000	1020.00	400.46	0.73	0.00	0.	1251.02	550.00
41.100	460.00	395.25	0.	-0.02	0.	386.48	430.00
41.100	680.00	399.40	4.15	-0.01	0.	490.22	430.00
41.100	780.00	399.70	0.30	-0.02	0.	497.85	430.00
41.100	1020.00	400.43	0.72	-0.03	0.	514.40	430.00
41.110	460.00	394.75	0.	-0.50	0.	5.00	70.00
41.110	680.00	398.80	4.05	-0.60	0.	5.00	70.00
41.110	780.00	398.92	0.12	-0.78	0.	5.00	70.00
41.110	1020.00	399.12	0.20	-1.31	0.	5.00	70.00
9.200	460.00	399.72	0.	4.97	0.	5.00	110.00
9.200	680.00	405.40	5.69	6.61	0.	5.00	110.00
9.200	780.00	405.43	0.03	6.51	0.	5.00	110.00
9.200	1020.00	405.21	-0.22	6.09	0.	5.00	110.00
40.300	460.00	400.37	0.	0.65	0.	414.70	50.00
40.300	680.00	406.18	5.81	0.78	0.	644.89	50.00
40.300	780.00	406.46	0.27	1.02	0.	655.31	50.00
40.300	1020.00	407.00	0.54	1.78	0.	675.82	50.00
39.000	460.00	400.38	0.	0.01	0.	1337.35	1040.00
39.000	680.00	406.19	5.81	0.01	0.	1856.40	1040.00
39.000	780.00	406.47	0.28	0.01	0.	1861.37	1040.00
39.000	1020.00	407.01	0.55	0.02	0.	1871.19	1040.00

SUMMARY OF ERRORS

CAUTION SECNO= 98.110 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 98.110 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 98.110 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 98.110 PROFILE= 3 MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 98.110 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 98.110 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 98.110 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 53.200 PROFILE= 2 HYDRAULIC JUMP D.S.
CAUTION SECNO= 53.200 PROFILE= 3 HYDRAULIC JUMP D.S.
CAUTION SECNO= 53.200 PROFILE= 4 HYDRAULIC JUMP D.S.

CAUTION SECNO= 45.200 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 45.200 PROFILE= 2 HYDRAULIC JUMP D.S.
CAUTION SECNO= 45.200 PROFILE= 3 HYDRAULIC JUMP D.S.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FLOOD INSURANCE STUDIES GROUP

FLOOD INSURANCE ZONE DATA FOR BEAR TRAP CREEK

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND% 10=	2=	0.2=
101.000	A ——→ 0.	-1.24	-0.30	0.55
98.100	B →265.	-1.18	-0.28	0.48
98.110	340.	-0.99	-0.40	0.84
53.200	390.	-1.73	-0.81	1.04
94.300	C →440.	-2.12	-0.78	1.36
93.000	D →840.	-1.90	-0.69	1.26
92.000	E→1400.	-1.70	-0.59	1.16
90.100	F→2250.	-1.54	-0.52	1.08
90.110	2380.	-1.47	-0.50	1.04
49.200	2500.	-1.48	-0.50	1.05
86.300	G→2625.	-1.62	-0.53	1.13
84.000	H→ 2915.	-1.61	-0.52	1.13
82.100	I→ 3140.	-1.52	-0.51	1.11
82.110	3240.	-1.25	-0.44	0.99
45.200	3375.	-1.66	-0.49	1.42
80.000	J →3475.	-1.94	-0.58	1.54
80.100	K→3615.	-1.88	-0.56	1.52
80.110	3695.	-1.75	-0.52	1.45
41.200	3775.	-2.19	-0.80	2.05
70.300	L →3855.	-2.34	-0.82	2.06
69.000	M →4645.	-1.83	-0.69	1.91
68.000	N →5895.	-0.06	-0.10	1.00
67.000	O →7195.	-0.69	-0.16	0.00
67.100	P →8895.	-0.56	-0.17	0.46
66.100	Q →9865.	-0.74	-0.19	0.31
66.110	9945.	-1.99	-0.59	1.28
37.200	10005.	-0.17	1.25	1.05
37.300	R →10055.	-2.67	-0.51	2.20
50.100	S →10230.	-2.66	-0.51	2.20
50.110	10310.	-2.67	-0.51	2.20
33.200	10390.	-0.56	-0.17	2.11
49.000	T →10470.	-0.56	-0.17	2.11
48.100	U →11130.	-0.57	-0.18	2.08
48.110	11200.	-0.58	-0.18	2.08
25.200	11275.	-0.31	-0.09	1.87
47.100	V →11335.	-0.30	-0.09	1.89
47.110	11510.	-0.31	-0.09	1.87
21.200	11585.	-0.33	-0.10	1.90
46.000	W→11655.	-0.33	-0.10	1.84
45.000	X →12735.	-0.30	-0.09	1.79
17.110	12835.	-2.05	-0.76	1.78
17.200	13135.	-3.68	0.23	-1.61
44.100	Y →13235.	-4.46	-0.30	0.70
44.110	13285.	-4.48	-0.30	0.73
13.200	13335.	-4.49	-0.31	0.73
43.000	Z →13385.	-4.46	-0.31	0.73
42.000	AA→13935.	-4.46	-0.31	0.73
41.100	AB→14365.	-4.45	-0.30	0.72
41.110	14435.	-4.18	-0.12	0.20
9.200	14545.	-5.72	-0.03	-0.22
40.300	AC→14595.	-6.09	-0.27	0.54

36	3600.	373.80	375.71	-1.91	-1.64	015	100.
	3615.				SEC.		80.100
	3695.				SEC.		80.110
37	3700.	373.82	375.66	-1.84	-1.64	015	100.
	3775.				SEC.		41.200
38	3800.	373.98	375.99	-2.01	-1.65	015	100.
	3855.				SEC.		70.300
39	3900.	374.31	376.58	-2.27	-1.67	015	95.
40	4000.	374.51	376.79	-2.28	-1.69	015	93.
41	4100.	374.62	376.83	-2.21	-1.70	015	90.
42	4200.	374.73	376.88	-2.15	-1.71	015	93.
43	4300.	374.83	376.92	-2.09	-1.72	015	91.
44	4400.	374.94	376.96	-2.02	-1.72	015	91.
45	4500.	375.05	377.00	-1.95	-1.73	015	91.
46	4600.	375.15	377.05	-1.90	-1.73	015	91.
	4645.				SEC.		69.000
47	4700.	375.29	377.10	-1.81	-1.74	015	89.
48	4800.	375.50	377.18	-1.68	-1.73	015	92.
49	4900.	375.73	377.27	-1.54	-1.73	015	92.
50	5000.	375.96	377.36	-1.40	-1.72	015	92.

ELEVATION DIFFERENCE
BETWEEN BASE FLOOD AND

	10=	2=	0.2=
WEIGHTED AVG FOR REACH	-1.72	-0.59	1.33

FHF FOR REACH 1 = 015 WITH 92.= OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 3

51	5100.	376.19	377.45	-1.26	-1.26	015	100.
52	5200.	376.42	377.54	-1.12	-1.19	010	100.
53	5300.	376.65	377.63	-0.98	-1.12	010	100.
54	5400.	376.88	377.72	-0.84	-1.05	010	100.
55	5500.	377.11	377.80	-0.69	-0.98	010	100.
56	5600.	377.34	377.89	-0.55	-0.91	010	100.
57	5700.	377.57	377.98	-0.41	-0.84	010	98.
58	5800.	377.80	378.07	-0.27	-0.77	010	98.
	5895.				SEC.		68.000
59	5900.	378.03	378.16	-0.13	-0.69	005	95.
60	6000.	378.24	378.33	-0.09	-0.63	005	95.
61	6100.	378.42	378.56	-0.14	-0.59	005	95.
62	6200.	378.60	378.79	-0.19	-0.56	005	95.
63	6300.	378.78	379.02	-0.24	-0.53	005	95.
64	6400.	378.96	379.25	-0.29	-0.51	005	95.
65	6500.	379.15	379.48	-0.33	-0.50	005	95.
66	6600.	379.33	379.71	-0.38	-0.49	005	95.
67	6700.	379.51	379.94	-0.43	-0.49	005	96.
68	6800.	379.69	380.17	-0.48	-0.49	005	96.
69	6900.	379.87	380.40	-0.53	-0.49	005	96.
70	7000.	380.05	380.63	-0.58	-0.50	005	96.
71	7100.	380.24	380.86	-0.62	-0.50	005	96.
	7195.				SEC.		67.000
72	7200.	380.42	381.09	-0.67	-0.51	005	96.
73	7300.	380.56	381.25	-0.69	-0.52	005	96.
74	7400.	380.67	381.36	-0.69	-0.53	005	96.
75	7500.	380.78	381.46	-0.68	-0.53	005	96.
76	7600.	380.90	381.56	-0.66	-0.54	005	96.
77	7700.	381.01	381.66	-0.65	-0.54	005	96.
78	7800.	381.12	381.77	-0.65	-0.54	005	96.
79	7900.	381.23	381.87	-0.64	-0.55	005	96.
80	8000.	381.34	381.97	-0.63	-0.55	005	96.
81	8100.	381.45	382.08	-0.63	-0.55	005	96.
82	8200.	381.56	382.18	-0.62	-0.56	005	96.
83	8300.	381.67	382.28	-0.61	-0.56	005	96.
84	8400.	381.78	382.39	-0.61	-0.56	005	96.
85	8500.	381.90	382.49	-0.59	-0.56	005	96.

86	8600.	382.01	382.59	-0.58	-0.56	005	97.
87	8700.	382.12	382.70	-0.58	-0.56	005	97.
88	8800.	382.23	382.80	-0.57	-0.56	005	97.
	8895.					SEC.	67.100
89	8900.	382.34	382.90	-0.56	-0.56	005	97.
90	9000.	382.47	383.04	-0.57	-0.56	005	97.
91	9100.	382.61	383.20	-0.59	-0.56	005	97.
92	9200.	382.75	383.36	-0.61	-0.56	005	97.
93	9300.	382.89	383.52	-0.63	-0.56	005	97.
94	9400.	383.03	383.68	-0.65	-0.57	005	97.
95	9500.	383.17	383.84	-0.67	-0.57	005	97.
96	9600.	383.32	384.00	-0.68	-0.57	005	97.
97	9700.	383.46	384.16	-0.70	-0.57	005	97.
98	9800.	383.60	384.32	-0.72	-0.58	005	97.
	9865.					SEC.	66.100
99	9900.	383.91	384.92	-1.01	-0.59	005	97.
	9945.					SEC.	66.110
100	10000.	385.42	386.22	-0.80	-0.59	005	97.
	10005.					SEC.	37.200
	10055.					SEC.	37.300
101	10100.	387.45	388.95	-1.50	-0.61	005	95.

ELEVATION DIFFERENCE
BETWEEN BASE FLOOD AND

	10=	2=	0.2=
WEIGHTED AVG FOR REACH	-0.61	-0.17	0.57

FHF FOR REACH 2 = 005 WITH 95.= OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 1

102	10200.	388.23	390.90	-2.67	-2.67	025	99.
	10230.					SEC.	50.100
103	10300.	388.23	390.90	-2.67	-2.67	025	99.
	10310.					SEC.	50.110
	10390.					SEC.	33.200
104	10400.	389.35	390.96	-1.61	-2.32	025	100.
	10470.					SEC.	49.000
105	10500.	390.47	391.02	-0.55	-1.88	020	97.
106	10600.	390.47	391.03	-0.56	-1.61	015	96.
107	10700.	390.47	391.03	-0.56	-1.44	015	95.
108	10800.	390.48	391.04	-0.56	-1.31	015	94.
109	10900.	390.48	391.05	-0.57	-1.22	010	94.
110	11000.	390.48	391.05	-0.57	-1.15	010	93.
111	11100.	390.48	391.06	-0.58	-1.09	010	91.
	11130.					SEC.	48.100
112	11200.	390.49	391.07	-0.58	-1.04	010	97.
	11200.					SEC.	48.110
	11275.					SEC.	25.200
113	11300.	390.74	391.18	-0.44	-0.99	010	96.
	11335.					SEC.	47.100
114	11400.	390.99	391.29	-0.30	-0.94	010	96.
115	11500.	390.99	391.30	-0.31	-0.89	010	95.
	11510.					SEC.	47.110
	11585.					SEC.	21.200
116	11600.	390.99	391.31	-0.32	-0.86	010	94.
	11655.					SEC.	46.000
117	11700.	391.01	391.34	-0.33	-0.82	010	95.
118	11800.	391.02	391.36	-0.34	-0.80	010	97.
119	11900.	391.02	391.35	-0.33	-0.77	010	97.
120	12000.	391.02	391.35	-0.33	-0.75	010	97.
121	12100.	391.02	391.34	-0.32	-0.72	005	97.
122	12200.	391.02	391.34	-0.32	-0.71	005	97.
123	12300.	391.02	391.34	-0.32	-0.69	005	97.
124	12400.	391.02	391.33	-0.31	-0.67	005	97.
125	12500.	391.02	391.33	-0.31	-0.66	005	97.
126	12600.	391.02	391.32	-0.30	-0.64	005	97.

127	12700.	391.02	391.32	-0.30	-0.63	005	97.
	12735.				SEC.	45.000	
128	12800.	390.53	391.40	-0.87	-0.64	005	97.
	12835.				SEC.	17.110	
129	12900.	390.27	392.19	-1.92	-0.68	005	96.
130	13000.	391.23	393.91	-2.68	-0.75	010	95.

ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND

	10=	2=	0.2=
WEIGHTED AVG FOR REACH	-0.75	-0.19	1.88

FHF FOR REACH 3 = 010 WITH 95.= OF THE REACH WITHIN 0.5 FEET
ZONE FOR THE REACH = A 2

131	13100.	392.71	395.93	-3.22	-3.22	030	100.
	13135.				SEC.	17.200	
132	13200.	394.11	397.95	-3.84	-3.53	035	100.
	13235.				SEC.	44.100	
	13285.				SEC.	44.110	
133	13300.	394.99	399.32	-4.33	-3.80	040	99.
	13335.				SEC.	13.200	
	13385.				SEC.	43.000	
134	13400.	395.24	399.71	-4.47	-3.96	040	99.
135	13500.	395.26	399.72	-4.46	-4.06	040	99.
136	13600.	395.26	399.72	-4.46	-4.13	040	99.
137	13700.	395.27	399.72	-4.45	-4.18	040	99.
138	13800.	395.27	399.72	-4.45	-4.21	040	99.
139	13900.	395.27	399.72	-4.45	-4.24	040	99.
	13935.				SEC.	42.000	
140	14000.	395.26	399.72	-4.46	-4.26	045	99.
141	14100.	395.26	399.72	-4.46	-4.28	045	99.
142	14200.	395.26	399.71	-4.45	-4.29	045	99.
143	14300.	395.25	399.71	-4.46	-4.30	045	99.
	14365.				SEC.	41.100	
144	14400.	395.13	399.51	-4.38	-4.31	045	99.
	14435.				SEC.	41.110	
145	14500.	396.34	401.04	-4.70	-4.34	045	99.
	14545.				SEC.	9.200	
	14595.				SEC.	40.300	
146	14600.	399.03	404.61	-5.58	-4.41	045	98.
147	14700.	400.37	406.46	-6.09	-4.51	045	97.
148	14800.	400.37	406.46	-6.09	-4.60	045	97.
149	14900.	400.37	406.46	-6.09	-4.68	045	97.
150	15000.	400.37	406.46	-6.09	-4.75	050	96.
151	15100.	400.37	406.46	-6.09	-4.81	050	95.
152	15200.	400.37	406.46	-6.09	-4.87	050	94.
153	15300.	400.37	406.46	-6.09	-4.92	050	93.
154	15400.	400.37	406.46	-6.09	-4.97	050	93.
155	15500.	400.37	406.46	-6.09	-5.02	050	92.
156	15600.	400.38	406.46	-6.08	-5.06	050	92.
	15635.				SEC.	39.000	

ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND

	10=	2=	0.2=
WEIGHTED AVG FOR REACH	-5.06	-0.25	0.49

FHF FOR REACH 4 = 050 WITH 92.= OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A10

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**********************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR - 01,02 ,
  MODIFICATION - 50,51,52,53
  MODIFIED FOR HONEYWELL APR 79
**********************************************

**********************************************
  NEW YORK STATE
  DEPT OF ENVIRONMENTAL CONSERVATION
  FLOOD INSURANCE STUDIES GROUP
  THIS RUN EXECUTED       07/23/  *****
**********************************************

C                                                                    OOOOOOOO
T1        DEC SALINA T.                                              OOOOOOOO
T2      100-YEAR FLOOD                                               OOOOOOOO
T3      BEAR TRAP CREEK                                              OOOOOOOO

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ

      -1.       2.        0.        0.  0.            0.        0.        0.    369.900     0.

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE

       0.        0.    -1.000        0.        0.        0.        0.        0.        0.        0.

J3  VARIABLE CODES FOR SUMMARY PRINTOUT

    110.000   200.000     0.        0.        0.        0.        0.        0.        0.        0.

NC      0.055     0.055     0.035     0.100     0.300     0.        0.        0.        0.        0.
QT      2.000   780.000   780.000     0.        0.        0.        0.        0.        0.        0.
ET      0.        0.      10.400      0.        0.        0.        0.        0.        0.        0.

ALL DATA ARE ENTERED FROM RIGHT TO LEFT LOOKING DOWNSTREAMOOOOO

X1    101.000    10.000  1350.000  1396.000     0.        0.        0.        0.        0.        0.
GR    376.000   200.000   374.500  1050.000   368.900  1350.000   363.900  1356.000   362.900  1366.000
GR    363.900  1376.000   368.900  1396.000   373.500  1866.000   375.000  2466.000   378.500  2676.000

X1     98.100    11.000  1635.000  1681.000   255.000   275.000   265.000     0.        0.        0.
GR    375.500   200.000   375.000   300.000   375.000  1405.000   374.500  1605.000   371.000  1635.000
GR    366.000  1641.000   365.000  1651.000   366.000  1661.000   371.000  1681.000   375.000  1961.000
GR    376.500  2191.000     0.        0.        0.        0.        0.        0.        0.        0.
NC      0.        0.      0.030     0.300     0.500     0.        0.        0.        0.        0.

TERMINAL ROAD                                                        OOOOOOOO

X1     98.110    11.000  1646.000  1661.000    75.000    75.000    75.000     0.        0.        0.
X3     10.000     0.        0.        0.        0.        0.        0.     371.500   371.500     0.
GR    375.500   200.000   375.000   300.000   375.000  1405.000   374.500  1605.000   371.000  1635.000
GR    366.000  1646.000   365.000  1656.000   366.000  1661.000   371.000  1681.000   375.000  1961.000
GR    376.500  2191.000     0.        0.        0.        0.        0.        0.        0.        0.
SB      0.900     1.500     2.500     0.       15.000     1.000    77.000     0.      365.000   365.000

X1     53.200    12.000   752.500   767.500    50.000    50.000    50.000     0.        0.        0.
X2      0.        0.        1.000   370.500   372.500     0.        0.        0.        0.        0.
X3     10.000     0.        0.        0.        0.        0.        0.     373.500   372.500     0.
BT      8.000   200.000   375.000     0.      490.000   375.000     0.      690.000   374.500     0.
BT    752.500   373.500   370.500   767.500   373.500   370.500   830.000   372.500     0.      1060.000
BT    375.000     0.      1290.000  376.500     0.        0.        0.        0.        0.        0.
GR    375.000   200.000   375.000   490.000   374.500   690.000   373.500   752.500   365.000   752.500
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GR	365.000	767.500	373.500	767.500	373.500	830.000	375.000	1080.000	376.500	1290.000
GR	390.000	1950.000	395.500	2200.000	0.	0.	0.	0.	0.	0.
NC	0.060	0.060	0.035	0.100	0.300	0.	0.	0.	0.	0.
X1	94.300	9.000	1800.000	1840.000	45.000	65.000	50.000	0.	0.	0.
GR	377.500	200.000	375.000	1280.000	375.000	1700.000	370.000	1800.000	365.200	1810.000
GR	365.200	1830.000	370.000	1840.000	375.000	2005.000	376.000	2760.000	0.	0.
X1	93.000	11.000	510.000	540.000	370.000	400.000	400.000	0.	0.	0.
GR	379.000	200.000	379.000	310.000	375.000	490.000	370.000	510.000	365.800	515.000
GR	365.800	535.000	370.000	540.000	375.000	580.000	375.000	660.000	376.000	775.000
GR	379.000	1200.000	0.	0.	0.	0.	0.	0.	0.	0.
X1	92.000	9.000	445.000	485.000	550.000	565.000	560.000	0.	0.	0.
GR	378.000	200.000	375.000	390.000	370.000	445.000	366.800	465.000	366.800	475.000
GR	370.000	485.000	375.000	500.000	375.000	980.000	390.000	1140.000	0.	0.
NH	5.000	10.000	1190.000	0.060	1220.000	0.030	1280.000	0.060	1300.000	10.000
NH	1620.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
X1	90.100	12.000	1220.000	1280.000	800.000	950.000	850.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	387.000	200.000	386.000	410.000	381.500	720.000	375.000	800.000	375.000	1190.000
GR	370.000	1220.000	368.000	1240.000	368.000	1260.000	370.000	1280.000	371.000	1300.000
GR	380.000	1580.000	395.000	1620.000	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.030	0.300	0.500	0.	0.	0.	0.	0.

N.Y.STATE THRUWAY 00000000

X1	90.110	12.000	1235.000	1265.000	130.000	130.000	130.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	379.000	379.000	0.
GR	387.000	200.000	386.000	410.000	381.500	720.000	375.000	800.000	375.000	1190.000
GR	370.000	1235.000	368.000	1240.000	368.000	1260.000	370.000	1265.000	375.000	1510.000
GR	380.000	1580.000	395.000	1620.000	0.	0.	0.	0.	0.	0.
SB	0.900	1.500	2.500	0.	30.000	2.000	252.000	0.	368.500	368.500
X1	49.200	8.000	1200.000	1230.000	120.000	120.000	120.000	0.	0.	0.
X2	0.	0.	1.000	377.500	380.500	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	380.500	380.500	0.
BT	6.000	200.000	385.500	0.	540.000	382.500	0.	1200.000	380.500	377.500
BT	1230.000	380.500	377.500	1920.000	390.000	0.	2200.000	395.000	0.	0.
GR	385.000	200.000	382.500	540.000	380.500	1200.000	368.500	1200.000	368.500	1230.000
GR	380.500	1230.000	390.000	1920.000	395.000	2200.000	0.	0.	0.	0.
NH	5.000	10.000	985.000	0.060	1000.000	0.030	1075.000	0.060	1075.000	10.000
NH	1460.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
X1	86.300	11.000	1000.000	1060.000	110.000	150.000	125.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	390.000	200.000	380.000	770.000	375.000	985.000	370.000	1000.000	368.700	1010.000
GR	367.800	1030.000	370.000	1060.000	371.000	1075.000	375.000	1310.000	380.000	1430.000
GR	390.000	1460.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.060	0.060	0.030	0.100	0.300	0.	0.	0.	0.	0.
X1	84.000	11.000	1250.000	1280.000	320.000	260.000	290.000	0.	0.	0.
GR	391.500	200.000	386.000	580.000	383.000	925.000	375.000	1150.000	370.000	1250.000
GR	369.000	1255.000	369.000	1275.000	370.000	1280.000	375.000	1600.000	380.000	1720.000
GR	390.000	1750.000	0.	0.	0.	0.	0.	0.	0.	0.

X1	82.100	11.000	1100.000	1140.000	225.000	215.000	225.000	0.	0.	0.
GR	390.000	200.000	385.000	385.000	380.000	790.000	375.000	920.000	371.000	1100.000
GR	369.500	1110.000	369.500	1130.000	371.000	1140.000	375.000	1145.000	380.000	1485.000
GR	390.000	1515.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.

N.Y.STATA THRUWAY RAMP 00000000

X1	82.110	11.000	1109.000	1131.000	100.000	100.000	100.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	383.000	383.000	0.
GR	390.000	200.000	385.000	385.000	380.000	790.000	375.000	920.000	371.000	1109.000
GR	369.500	1110.000	369.500	1130.000	371.000	1131.000	375.000	1145.000	380.000	1485.000
GR	390.000	1515.000	0.	0.	0.	0.	0.	0.	0.	0.
SB	0.900	1.800	2.500	0.	22.000	4.000	110.000	0.	369.500	369.500

X1	45.200	10.000	694.000	716.000	135.000	135.000	135.000	0.	0.	0.
X2	0.	0.	1.000	375.500	392.500	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	392.500	392.500	0.
BT	8.000	200.000	380.000	0.	470.000	385.000	0.	590.000	390.000	0.
BT	694.000	392.500	375.500	716.000	392.500	375.500	740.000	395.000	0.	840.000
BT	400.000	0.	1200.000	411.000	0.	0.	0.	0.	0.	0.
GR	380.000	200.000	385.000	470.000	390.000	590.000	392.500	694.000	369.500	694.000
GR	369.500	716.000	392.500	716.000	395.000	740.000	400.000	840.000	411.000	1200.000

X1	80.000	12.000	1380.000	1410.000	100.000	100.000	100.000	0.	0.	0.
GR	390.000	200.000	385.000	650.000	385.000	1200.000	375.000	1360.000	372.000	1380.000
GR	370.000	1385.000	370.000	1405.000	372.000	1410.000	380.000	1600.000	385.000	1630.000
GR	389.000	1720.000	395.000	2020.000	0.	0.	0.	0.	0.	0.

X1	80.100	12.000	1380.000	1410.000	130.000	160.000	140.000	0.	0.	0.
X1	80.100	12.000	1380.000	1410.000	130.000	160.000	140.000	0.	0.	0.
GR	390.000	200.000	385.000	650.000	385.000	1200.000	375.000	1360.000	372.000	1380.000
GR	370.000	1385.000	370.000	1405.000	372.000	1410.000	380.000	1600.000	385.000	1630.000
GR	389.000	1720.000	395.000	2020.000	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.

N.Y.STATE THRUWAY RAMP 00000000

X1	80.110	12.000	1384.000	1405.500	80.000	80.000	80.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	378.000	378.000	0.
GR	390.000	200.000	385.000	650.000	385.000	1200.000	375.000	1360.000	372.000	1384.000
GR	370.000	1385.000	370.000	1405.000	372.000	1405.500	380.000	1600.000	385.000	1630.000
GR	389.000	1720.000	395.000	2020.000	0.	0.	0.	0.	0.	0.
SB	0.900	1.500	2.500	0.	21.500	3.500	110.000	0.	369.700	369.700

X1	41.200	10.000	1340.000	1361.500	80.000	80.000	80.000	0.	0.	0.
X2	0.	0.	1.000	375.700	378.100	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	378.100	378.100	0.
BT	8.000	200.000	390.000	0.	820.000	385.000	0.	930.000	383.000	0.
BT	1320.000	380.500	0.	1340.000	378.100	375.700	1361.500	378.100	375.700	1530.000
BT	380.000	0.	1850.000	389.000	0.	0.	0.	0.	0.	0.
GR	390.000	200.000	385.000	820.000	383.000	930.000	380.500	1320.000	378.100	1340.000
GR	369.700	1340.000	369.700	1361.500	378.100	1361.500	380.000	1530.000	389.000	1850.000
NH	5.000	10.000	1080.000	0.070	1110.000	0.030	1140.000	0.070	1160.000	10.000
NH	1535.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

X1	70.300	11.000	1110.000	1140.000	90.000	70.000	80.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	390.000	200.000	385.000	675.000	380.000	920.000	374.000	1080.000	372.000	1110.000
GR	370.000	1115.000	370.000	1135.000	372.000	1140.000	373.000	1160.000	380.000	1490.000

GR	389.000	1535.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.070	0.070	0.030	0.100	0.300	0.	0.	0.	0.	0.
X1	69.000	14.000	1120.000	1140.000	760.000	770.000	790.000	0.	0.	0.
GR	394.500	200.000	390.000	610.000	386.500	740.000	385.000	880.000	380.000	970.000
GR	375.000	1060.000	374.000	1120.000	372.300	1120.000	372.300	1140.000	374.000	1140.000
GR	374.000	1220.000	375.000	1350.000	380.000	1450.000	389.000	1700.000	0.	0.
X1	68.000	12.000	1085.000	1120.000	1050.000	1155.000	1250.000	0.	0.	0.
GR	400.000	200.000	395.000	400.000	390.000	625.000	385.000	700.000	380.000	880.000
GR	377.000	1085.000	376.000	1090.000	376.000	1110.000	377.000	1120.000	377.500	1250.000
GR	380.000	1480.000	388.500	1540.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	4.100	1720.000	1850.000	0.	0.	0.	0.	0.
X1	67.000	12.000	1765.000	1795.000	1225.000	1175.000	1300.000	0.	0.	0.
GR	403.500	200.000	400.000	670.000	396.500	970.000	385.000	1240.000	382.000	1615.000
GR	380.000	1670.000	379.000	1765.000	377.500	1770.000	377.500	1790.000	379.000	1795.000
GR	380.000	1955.000	388.000	2200.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	4.100	1490.000	1580.000	0.	0.	0.	0.	0.
X1	67.100	15.000	1540.000	1565.000	1480.000	1475.000	1700.000	0.	0.	0.
GR	412.000	200.000	410.000	380.000	405.000	555.000	400.000	675.000	395.000	725.000
GR	390.000	775.000	387.000	870.000	385.000	1000.000	381.500	1440.000	380.000	1540.000
GR	379.500	1542.000	379.500	1563.000	380.000	1565.000	385.000	1630.000	388.000	1660.000
ET	0.	0.	4.100	940.000	1015.000	0.	0.	0.	0.	0.
X1	66.100	12.000	965.000	985.000	925.000	910.000	970.000	0.	0.	0.
GR	405.000	200.000	400.000	350.000	395.000	400.000	390.000	410.000	386.500	685.000
GR	385.000	900.000	382.000	965.000	380.000	966.000	380.000	984.000	382.000	985.000
GR	385.000	1040.000	390.000	1200.000	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.
ET	0.	0.	10.400	0.	0.	0.	0.	0.	0.	0.

ROUTE 81 RAMR 00000000

X1	66.110	12.000	976.000	984.000	95.000	60.000	80.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	389.500	389.500	0.
GR	405.000	200.000	400.000	350.000	395.000	400.000	390.000	410.000	386.500	685.000
GR	385.000	900.000	382.000	965.000	380.000	976.000	380.000	984.000	382.000	985.000
GR	385.000	1040.000	390.000	1200.000	0.	0.	0.	0.	0.	0.
SB	0.900	1.600	2.500	0.	8.000	0.	40.000	0.	380.000	380.000
X1	37.200	7.000	1136.000	1144.000	60.000	60.000	60.000	0.	0.	0.
X2	0.	0.	1.000	385.000	389.500	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	389.500	389.500	0.
BT	4.000	510.000	390.000	0.	1136.000	389.500	385.000	1144.000	389.500	385.000
BT	1400.000	390.000	0.	0.	0.	0.	0.	0.	0.	0.
GR	395.000	420.000	390.000	510.000	389.500	880.000	389.500	1136.000	380.000	1136.000
GR	380.000	1144.000	389.500	1144.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	4.100	1000.000	1060.000	0.	0.	0.	0.	0.
X1	37.300	11.000	1035.000	1055.000	50.000	50.000	50.000	0.	0.	0.
GR	400.000	200.000	395.000	425.000	390.000	520.000	388.500	850.000	385.000	1020.000
GR	383.000	1035.000	380.000	1040.000	380.000	1053.000	383.000	1055.000	385.000	1075.000
GR	400.000	1165.000	0.	0.	0.	0.	0.	0.	0.	0.
ET	0.	0.	4.100	1000.000	1050.000	0.	0.	0.	0.	0.

X1	50.100	11.000	1035.000	1055.000	175.000	175.000	175.000	0.	0.	0.
GR	400.000	200.000	395.000	425.000	390.000	520.000	388.500	850.000	385.000	1020.000
GR	383.000	1035.000	380.000	1040.000	380.000	1053.000	383.000	1055.000	385.000	1075.000
GR	400.000	1165.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.
ET	0.	0.	4.100	1000.000	1040.000	0.	0.	0.	0.	0.

ROUTE 11 SOUTH BOUND 00000000

X1	50.110	11.000	1040.000	1050.000	70.000	90.000	80.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	387.000	387.000	0.
GR	400.000	200.000	395.000	425.000	390.000	520.000	388.500	850.000	385.000	1020.000
GR	383.000	1035.000	380.000	1040.000	380.000	1050.000	383.000	1055.000	385.000	1075.000
GR	400.000	1165.000	0.	0.	0.	0.	0.	0.	0.	0.
SB	0.	1.500	2.500	0.	10.000	0.	40.000	0.	380.100	380.000
ET	0.	0.	4.100	780.000	850.000	0.	0.	0.	0.	0.

X1	33.200	6.000	810.000	820.000	80.000	80.000	80.000	0.	0.	0.
X2	0.	0.	1.000	384.300	390.300	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	390.300	390.300	0.
BT	5.000	200.000	395.000	0.	450.000	390.300	0.	810.000	390.300	384.300
BT	820.000	390.300	384.300	1200.000	391.000	0.	0.	0.	0.	0.
GR	395.000	200.000	390.300	450.000	390.300	810.000	380.000	810.000	380.000	820.000
GR	391.000	1200.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.035	0.100	0.300	0.	0.	0.	0.	0.
ET	0.	0.	4.100	980.000	1040.000	0.	0.	0.	0.	0.

X1	49.000	11.000	1015.000	1030.000	90.000	70.000	80.000	0.	0.	0.
GR	400.000	200.000	395.000	300.000	390.000	590.000	389.000	750.000	385.000	1000.000
GR	383.000	1015.000	380.200	1016.000	380.200	1029.000	383.000	1030.000	385.000	1050.000
GR	410.000	1165.000	0.	0.	0.	0.	0.	0.	0.	0.
ET	0.	0.	4.100	1190.000	1280.000	0.	0.	0.	0.	0.

X1	48.100	13.000	1258.000	1275.000	660.000	660.000	660.000	0.	0.	0.
GR	405.000	200.000	400.000	250.000	395.000	300.000	392.000	620.000	390.000	835.000
GR	389.000	1150.000	385.000	1240.000	384.000	1258.000	382.000	1259.000	382.000	1274.000
GR	384.000	1275.000	385.000	1300.000	415.000	1350.000	0.	0.	0.	0.
ET	0.	0.	4.100	1190.000	1280.000	0.	0.	0.	0.	0.

X1	48.110	13.000	1258.000	1267.000	70.000	70.000	70.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	389.200	389.200	0.
GR	405.000	200.000	400.000	250.000	395.000	300.000	392.000	620.000	390.000	835.000
GR	389.000	1150.000	385.000	1240.000	384.000	1258.000	382.000	1259.000	382.000	1266.000
GR	384.000	1267.000	385.000	1300.000	415.000	1350.000	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.
SB	0.	1.500	2.500	0.	8.000	0.	40.000	0.	382.000	382.000
ET	0.	0.	4.100	1550.000	1630.000	0.	0.	0.	0.	0.

X1	25.200	8.000	1615.000	1623.000	75.000	75.000	75.000	0.	0.	0.
X2	0.	0.	1.500	387.000	390.300	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	390.300	390.300	0.
BT	6.000	200.000	395.000	0.	465.000	392.000	0.	1615.000	390.300	387.000
BT	1623.000	390.300	387.000	1983.000	395.000	0.	2233.000	400.000	0.	0.
GR	395.000	200.000	392.000	465.000	386.000	1615.000	382.000	1615.000	382.000	1623.000
GR	386.000	1623.000	395.000	1983.000	400.000	2233.000	0.	0.	0.	0.
ET	0.	0.	4.100	1530.000	1570.000	0.	0.	0.	0.	0.

X1	47.100	12.000	1552.000	1560.000	70.000	50.000	60.000	0.	0.	0.
GR	410.000	200.000	405.000	275.000	395.000	350.000	390.000	1000.000	390.000	1500.000

GR	385.000	1590.000	414.000	1635.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	4.100	1500.000	1600.000	0.	0.	0.	0.	0.

SOUTH BAY ROAD 00000000

X1	47.110	12.000	1552.000	1560.000	100.000	250.000	175.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	388.500	388.500	0.
GR	410.000	200.000	405.000	275.000	395.000	350.000	390.000	1000.000	390.000	1530.000
GR	385.000	1550.000	384.500	1552.000	382.500	1553.000	382.500	1559.000	384.500	1560.000
GR	385.000	1590.000	414.000	1635.000	0.	0.	0.	0.	0.	0.
SB	0.	1.500	2.500	0.	8.000	0.	40.000	0.	382.000	382.000
ET	0.	0.	4.100	750.000	900.000	0.	0.	0.	0.	0.

X1	21.200	8.000	800.000	808.000	75.000	75.000	75.000	0.	0.	0.
X2	0.	0.	1.000	387.000	390.000	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	390.000	390.000	0.
BT	6.000	200.000	400.000	0.	460.000	395.000	0.	800.000	390.000	387.000
BT	808.000	390.000	387.000	1518.000	390.000	0.	2168.000	395.000	0.	0.
GR	400.000	200.000	395.000	460.000	390.000	800.000	382.000	800.000	382.000	808.000
GR	390.000	808.000	390.000	1518.000	395.000	2168.000	0.	0.	0.	0.
NC	0.	0.	0.030	0.100	0.300	0.	0.	0.	0.	0.
ET	0.	0.	4.100	1540.000	1680.000	0.	0.	0.	0.	0.

X1	46.000	13.000	1600.000	1619.000	60.000	100.000	70.000	0.	0.	0.
GR	410.000	200.000	405.000	300.000	400.000	340.000	395.000	390.000	392.500	815.000
GR	390.000	1185.000	385.000	1600.000	384.500	1600.000	382.000	1606.000	382.000	1614.000
GR	384.500	1619.000	385.000	1620.000	412.000	1740.000	0.	0.	0.	0.
NH	5.000	10.000	850.000	0.070	865.000	0.030	885.000	0.070	900.000	10.000
NH	1060.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
ET	0.	0.	4.100	800.000	910.000	0.	0.	0.	0.	0.

X1	45.000	12.000	865.000	885.000	1080.000	1050.000	1080.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	410.000	200.000	405.000	385.000	400.000	480.000	395.000	525.000	390.000	850.000
GR	385.000	865.000	382.500	870.000	382.500	880.000	385.000	885.000	390.000	900.000
GR	398.000	960.000	400.000	1060.000	0.	0.	0.	0.	0.	0.
NC	0.060	0.060	0.020	0.200	0.400	0.	0.	0.	0.	0.
ET	0.	0.	10.400	0.	0.	0.	0.	0.	0.	0.

ROUTE 81 00000000

X1	17.110	8.000	1530.000	1535.000	125.000	75.000	100.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	393.500	393.500	0.
GR	405.000	200.000	400.000	1230.000	398.500	1530.000	382.500	1530.000	382.500	1535.000
GR	398.500	1535.000	400.000	1820.000	405.000	2140.000	0.	0.	0.	0.
SB	0.	1.500	2.500	0.	5.000	0.	30.000	0.	382.700	382.500

X1	17.200	0.	0.	0.	300.000	300.000	300.000	0.	0.200	0.
X2	0.	0.	1.000	388.500	398.500	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	398.500	398.500	0.
BT	6.000	200.000	405.000	0.	1230.000	400.000	0.	1530.000	398.500	388.500
BT	1535.000	398.500	388.500	1820.000	400.000	0.	2140.000	405.000	0.	0.
NH	5.000	10.000	500.000	0.070	505.000	0.030	525.000	0.070	550.000	10.000
NH	950.000	0.	0.	0.	0.	0.	0.	0.	0.	0.

X1	44.100	10.000	505.000	525.000	80.000	125.000	100.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	400.000	200.000	390.000	500.000	385.000	505.000	383.000	510.000	383.000	520.000

GR	385.000	525.000	390.000	550.000	395.000	675.000	400.000	775.000	405.000	950.000
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.
ET	0.	0.	4.100	500.000	530.000	0.	0.	0.	0.	0.

LAWRENCE ROAD 00000000

X1	44.110	10.000	514.000	520.000	50.000	50.000	50.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	389.500	389.500	0.
GR	400.000	200.000	390.000	500.000	385.000	505.000	383.000	514.000	383.000	520.000
GR	385.000	525.000	390.000	550.000	395.000	675.000	400.000	775.000	405.000	950.000
SB	0.	1.500	2.500	0.	6.000	0.	30.000	0.	383.000	383.000
ET	0.	0.	4.100	490.000	515.000	0.	0.	0.	0.	0.

X1	13.200	8.000	500.000	506.000	50.000	50.000	50.000	0.	0.	0.
X2	0.	0.	1.000	388.000	391.500	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	391.500	391.500	0.
BT	6.000	200.000	400.000	0.	500.000	391.500	388.000	506.000	391.500	388.000
BT	670.000	395.000	0.	775.000	400.000	0.	950.000	405.000	0.	0.
GR	400.000	200.000	391.500	500.000	383.000	500.000	383.000	506.000	391.500	506.000
GR	395.000	670.000	400.000	775.000	405.000	950.000	0.	0.	0.	0.
NC	0.	0.	0.030	0.100	0.300	0.	0.	0.	0.	0.
ET	0.	0.	4.100	470.000	520.000	0.	0.	0.	0.	0.

X1	43.000	12.000	480.000	500.000	50.000	50.000	50.000	0.	0.	0.
GR	400.000	200.000	394.500	295.000	390.000	400.000	385.000	480.000	383.000	485.000
GR	383.000	495.000	385.000	500.000	390.000	540.000	390.000	710.000	400.000	840.000
GR	405.000	905.000	410.000	1180.000	0.	0.	0.	0.	0.	0.
ET	0.	0.	4.100	945.000	985.000	0.	0.	0.	0.	0.

X1	42.000	14.000	955.000	975.000	550.000	500.000	550.000	0.	0.	0.
GR	400.000	200.000	395.000	500.000	391.500	695.000	390.000	875.000	386.000	955.000
GR	383.200	955.000	383.200	965.000	386.000	975.000	390.000	1140.000	395.000	1195.000
GR	395.000	1360.000	400.000	1440.000	405.000	1560.000	410.000	1650.000	0.	0.
NH	5.000	10.000	790.000	0.070	815.000	0.030	835.000	0.070	850.000	10.000
NH	1630.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
ET	0.	0.	4.100	815.000	835.000	0.	0.	10.400	0.	0.

X1	41.100	16.000	815.000	835.000	410.000	430.000	430.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	420.000	200.000	415.000	395.000	410.000	500.000	405.000	675.000	400.000	700.000
GR	395.000	720.000	390.000	790.000	387.500	815.000	383.600	822.000	383.600	828.000
GR	387.500	835.000	390.000	850.000	395.000	1100.000	400.000	1205.000	405.000	1290.000
GR	410.000	1630.000	0.	0.	0.	0.	0.	0.	0.	0.
NC	0.	0.	0.020	0.300	0.500	0.	0.	0.	0.	0.
ET	0.	0.	10.400	0.	0.	0.	0.	0.	0.	0.

ROUTE 78 00000000

X1	41.110	7.000	475.000	480.000	70.000	70.000	70.000	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	402.000	402.000	0.
GR	415.000	200.000	409.300	475.000	383.600	475.000	383.600	480.000	409.000	480.000
GR	405.000	1000.000	410.000	1200.000	0.	0.	0.	0.	0.	0.
SB	0.	1.500	2.500	0.	5.000	0.	30.000	0.	383.600	383.600

X1	9.200	7.000	475.000	480.000	110.000	110.000	110.000	0.	0.	0.
X2	0.	0.	1.000	389.300	409.300	0.	0.	0.	0.	0.
X3	10.000	0.	0.	0.	0.	0.	0.	409.300	409.000	0.
BT	5.000	200.000	415.000	0.	475.000	409.300	389.300	480.000	409.000	389.300
BT	1000.000	405.000	0.	1200.000	410.000	0.	0.	0.	0.	0.

GR	415.000	200.000	409.300	475.000	383.800	475.000	383.800	480.000	409.000	480.000
GR	405.000	1000.000	410.000	1200.000	0.	0.	0.	0.	0.	0.
NH	5.000	10.000	690.000	0.070	725.000	0.030	745.000	0.070	760.000	10.000
NH	1445.000	0.	0.	0.	0.	0.	0.	0.	0.	0.
X1	40.300	18.000	725.000	745.000	50.000	50.000	50.000	0.	0.	0.
X2	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.000
GR	425.000	200.000	420.000	230.000	410.000	490.000	405.000	545.000	400.000	590.000
GR	395.000	630.000	390.000	690.000	387.500	725.000	384.000	732.000	384.000	738.000
GR	387.500	745.000	390.000	760.000	390.000	910.000	395.000	970.000	400.000	990.000
GR	405.000	1145.000	410.000	1280.000	411.500	1445.000	0.	0.	0.	0.
NC	0.070	0.070	0.030	0.100	0.300	0.	0.	0.	0.	0.
ET	0.	0.	4.100	1460.000	1540.000	0.	0.	0.	0.	0.
X1	39.000	15.000	1495.000	1512.000	975.000	1040.000	1040.000	0.	0.	0.
GR	415.000	200.000	410.000	250.000	405.000	340.000	401.500	460.000	400.000	570.000
GR	397.500	790.000	395.000	1070.000	390.000	1280.000	389.000	1495.000	387.000	1502.000
GR	387.000	1510.000	389.000	1512.000	390.000	1515.000	400.000	1860.000	406.000	2175.000
EJ	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR - 01,02 ,
  MODIFICATION - 50,51,52,53
  MODIFIED FOR HONEYWELL APR 79
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**************************************************
  NEW YORK STATE
  DEPT OF ENVIRONMENTAL CONSERVATION
  FLOOD INSURANCE STUDIES GROUP
  THIS RUN EXECUTED       07/23/  *****
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T1         DEC SALINA T                                    00000000
T2       ENCROACHMENT                                      00000000
T3         BEAR TRAP CREEK                                 00000000

J1  ICHECK    INQ       NINV      IDIR      STRT      METRIC    HVINS     Q         WSEL      FQ
       0.       3.        0.        0.  0.            0.        0.        0.   370.900      0.

J2  NPROF     IPLOT     PRFVS     XSECV     XSECH     FN        ALLDC     IBW       CHNIM     ITRACE
    15.000      0.      -1.000      0.        0.        0.        0.        0.        0.        0.
```

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**************************************************
  HEC2 RELEASE DATED NOV 76 UPDATED  AUG1977
  ERROR CORR - 01,02 ,
  MODIFICATION - 50,51,52,53
  MODIFIED FOR HONEYWELL APR 79
**************************************************

**************************************************
  NEW YORK STATE
  DEPT OF ENVIRONMENTAL CONSERVATION
  FLOOD INSURANCE STUDIES GROUP
  THIS RUN EXECUTED       07/23/  *****
**************************************************

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

BEAR TRAP CREEK                                    NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SUMMARY PRINTOUT TABLE  110                                        FLOOD INSURANCE STUDIES GROUP
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	SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
A	101.000	369.90	0.	370.07	201.75	13.12	741.86	25.02	0.	0.	1350.00	1396.00	0.
	101.000	370.90	1.00	371.03	46.00	0.	780.00	0.	0.19	1350.00	1350.00	1396.00	1396.00
B	98.100	370.07	0.	370.59	41.16	0.	780.00	0.	0.	0.	1635.00	1681.00	0.
	98.100	371.03	0.96	371.33	46.00	0.	780.00	0.	0.00	1635.00	1635.00	1681.00	1681.00
*	98.110	369.88	0.	372.07	15.00	0.	780.00	0.	0.	0.	1646.00	1661.00	0.
	98.110	370.67	0.79	372.24	15.00	0.	780.00	0.	0.	1646.00	1646.00	1661.00	1661.00
*	53.200	371.16	0.	372.27	15.00	0.	780.00	0.	0.	0.	752.50	767.50	0.
	53.200	371.95	0.79	372.82	15.00	0.	780.00	0.	0.	752.50	752.50	767.50	767.50
C	94.300	372.30	0.	372.42	162.37	31.89	695.46	52.65	0.	0.	1800.00	1840.00	0.
	94.300	372.81	0.51	372.95	40.00	0.	780.00	0.	0.20	1800.00	1800.00	1840.00	1840.00
D	93.000	372.48	0.	372.73	59.77	10.95	746.83	22.22	0.	0.	510.00	540.00	0.
	93.000	373.03	0.55	373.28	30.00	0.	780.00	0.	0.08	510.00	510.00	540.00	540.00
E	92.000	373.07	0.	373.25	82.96	48.74	718.39	12.87	0.	0.	445.00	485.00	0.
	92.000	373.62	0.55	373.81	40.00	0.	780.00	0.	0.12	445.00	445.00	485.00	485.00
F	90.100	373.56	0.	373.64	181.01	23.04	703.01	53.95	0.	0.	1220.00	1280.00	0.
	90.100	374.10	0.54	374.19	60.00	0.	780.00	0.	0.12	1220.00	1220.00	1280.00	1280.00
	90.110	373.47	0.	373.87	30.00	0.	780.00	0.	0.	0.	1235.00	1265.00	0.
	90.110	374.05	0.58	374.37	30.00	0.	780.00	0.	0.	1235.00	1235.00	1265.00	1265.00
	49.200	373.52	0.	373.94	30.00	0.	780.00	0.	0.	0.	1200.00	1230.00	0.
	49.200	374.52	1.00	374.81	30.00	0.	780.00	0.	0.	0.	1200.00	1230.00	0.
G	86.300	374.04	0.	374.10	265.86	13.37	678.69	87.94	0.	0.	1000.00	1060.00	0.
	86.300	374.86	0.82	374.93	60.00	0.	780.00	0.	0.15	1000.00	1000.00	1060.00	1060.00
H	84.000	374.13	0.	374.17	377.22	106.55	332.24	341.21	0.	0.	1250.00	1280.00	0.
	84.000	374.94	0.80	375.00	101.50	0.	431.22	348.78	0.38	1250.00	1250.00	1280.00	1351.50
I	82.100	374.15	0.	374.28	185.60	195.17	580.23	4.60	0.	0.	1100.00	1140.00	0.
	82.100	374.93	0.78	375.16	40.00	0.	780.00	0.	0.34	1100.00	1100.00	1140.00	1140.00

		SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
		82.110	373.78	0.	374.88	22.00	0.	780.00	0.	0.	0.	1109.00	1131.00	0.
		82.110	374.80	1.01	375.51	22.00	0.	780.00	0.	0.	1109.00	1109.00	1131.00	1131.00
*		45.200	375.08	0.	375.71	22.00	0.	780.00	0.	0.	0.	694.00	716.00	0.
		45.200	376.08	1.00	376.53	22.00	0.	780.00	0.	0.	0.	694.00	716.00	0.
	J	80.000	375.69	0.	375.89	148.80	33.19	639.55	107.26	0.	0.	1380.00	1410.00	0.
		80.000	376.35	0.66	376.64	30.00	0.	780.00	0.	0.24	1380.00	1380.00	1410.00	1410.00
	K	80.100	375.74	0.	375.93	150.58	33.85	637.29	108.85	0.	0.	1380.00	1410.00	0.
		80.100	376.42	0.68	376.70	30.00	0.	780.00	0.	0.25	1380.00	1380.00	1410.00	1410.00
		80.110	375.54	0.	376.22	21.50	0.	780.00	0.	0.	0.	1384.00	1405.50	0.
		80.110	376.35	0.81	376.87	21.50	0.	780.00	0.	0.	1384.00	1384.00	1405.50	1405.50
		41.200	376.23	0.	376.71	21.50	0.	780.00	0.	0.	0.	1340.00	1361.50	0.
		41.200	377.23	1.00	377.59	21.50	0.	780.00	0.	0.	0.	1340.00	1361.50	0.
	L	70.300	376.75	0.	376.86	330.25	104.89	587.84	87.28	0.	0.	1110.00	1140.00	0.
		70.300	377.49	0.74	377.68	36.10	26.30	753.65	0.06	0.24	1104.01	1110.00	1140.00	1140.11
	M	69.000	377.09	0.	377.11	369.34	123.25	211.58	445.18	0.	0.	1120.00	1140.00	0.
		69.000	377.94	0.85	377.98	152.78	0.	274.81	505.19	0.39	1120.00	1120.00	1140.00	1272.78
*	N	68.000	378.20	0.	378.65	311.48	64.87	473.21	241.92	0.	0.	1085.00	1120.00	0.
*		68.000	378.70	0.50	379.95	35.00	0.	780.00	0.	0.58	1085.00	1085.00	1120.00	1120.00
	O	67.000	381.20	0.	381.29	354.52	159.39	357.37	263.24	0.	0.	1765.00	1795.00	0.
		67.000	382.17	0.97	382.28	130.00	143.14	454.42	182.44	130.00	1720.00	1765.00	1795.00	1850.00
	P	67.100	382.95	0.	383.08	345.42	372.89	350.13	56.98	0.	0.	1540.00	1565.00	0.
		67.100	383.58	0.63	383.78	90.00	257.68	457.33	65.00	90.00	1490.00	1540.00	1565.00	1580.00
	Q	66.100	384.50	0.	385.08	120.15	93.67	607.09	79.24	0.	0.	965.00	985.00	0.
		66.100	384.97	0.46	385.39	75.00	98.16	581.44	100.39	75.00	940.00	965.00	985.00	1015.00
*		66.110	386.65	0.	389.99	8.00	0.	780.00	0.	0.	0.	976.00	984.00	0.
*		66.110	386.64	-0.02	389.99	8.00	0.	780.00	0.	0.	976.00	976.00	984.00	984.00
		37.200	387.03	0.	390.02	8.00	0.	780.00	0.	0.	0.	1136.00	1144.00	0.
		37.200	387.02	-0.02	390.01	8.00	0.	780.00	0.	0.	1136.00	1136.00	1144.00	1144.00
	R	37.300	390.89	0.	390.92	607.24	335.26	363.95	80.79	0.	0.	1035.00	1055.00	0.
		37.300	390.77	-0.12	390.89	60.00	132.88	631.17	15.95	60.00	1000.00	1035.00	1055.00	1060.00
	S	50.100	390.90	0.	390.92	607.50	335.96	363.28	80.76	0.	0.	1035.00	1055.00	0.
		50.100	390.78	-0.12	390.93	50.00	214.72	565.28	0.	50.00	1000.00	1035.00	1055.00	1050.00
		50.110	390.90	0.	390.92	607.50	414.52	246.94	118.54	0.	0.	1040.00	1050.00	0.
		50.110	390.84	-0.06	390.98	40.00	780.00	0.	0.	40.00	1000.00	1040.00	1050.00	1040.00
		33.200	391.02	0.	391.03	788.70	21.42	116.64	641.94	0.	0.	810.00	820.00	0.
		33.200	390.89	-0.13	390.99	70.00	3.98	376.83	395.20	70.00	780.00	810.00	820.00	850.00
	T	49.000	391.02	0.	391.03	547.24	483.63	195.15	101.22	0.	0.	1015.00	1030.00	0.
		49.000	390.93	-0.09	391.02	60.00	245.81	463.43	70.76	60.00	980.00	1015.00	1030.00	1040.00

		SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
		48.100	391.06	0.	391.08	588.40	411.11	241.40	127.49	0.	0.	1258.00	1275.00	0.
		48.100	391.13	0.07	391.19	90.00	363.29	393.29	23.43	90.00	1190.00	1258.00	1275.00	1280.00
	C	48.110	391.07	0.	391.08	589.73	464.03	131.01	184.96	0.	0.	1258.00	1267.00	0.
		48.110	391.15	0.08	391.21	90.00	447.36	233.71	98.93	90.00	1190.00	1258.00	1267.00	1280.00
		25.200	391.30	0.	391.30	1236.03	578.06	81.33	120.61	0.	0.	1615.00	1623.00	0.
		25.200	391.18	-0.12	391.32	80.00	418.89	327.18	33.93	80.00	1550.00	1615.00	1623.00	1630.00
	V	47.100	391.28	0.	391.33	765.78	357.33	223.49	199.18	0.	0.	1552.00	1560.00	0.
		47.100	391.01	-0.27	391.57	40.00	187.55	492.60	99.85	40.00	1530.00	1552.00	1560.00	1570.00
		47.110	391.30	0.	391.36	767.94	323.61	241.18	215.21	0.	0.	1552.00	1560.00	0.
		47.110	391.60	0.31	391.78	100.00	123.40	343.27	313.33	100.00	1500.00	1552.00	1560.00	1600.00
		21.200	391.31	0.	391.36	977.50	19.12	240.72	520.16	0.	0.	800.00	808.00	0.
*		21.200	391.03	-0.28	392.01	150.00	30.35	633.81	115.84	150.00	750.00	800.00	808.00	900.00
	W	46.000	391.37	0.	391.37	665.67	545.76	205.56	28.68	0.	0.	1600.00	1619.00	0.
		46.000	392.08	0.71	392.12	111.46	310.81	404.31	64.88	140.00	1540.00	1600.00	1619.00	1680.00
	X	45.000	391.32	0.	391.54	146.02	59.86	660.39	59.75	0.	0.	865.00	885.00	0.
		45.000	392.19	0.86	392.35	110.00	69.34	641.60	69.05	110.00	800.00	865.00	885.00	910.00
*		17.110	391.58	0.	396.16	5.00	0.	780.00	0.	0.	0.	1530.00	1535.00	0.
*		17.110	391.58	0.00	396.16	5.00	0.	780.00	0.	0.	1530.00	1530.00	1535.00	1535.00
		17.200	397.65	0.	399.34	5.00	0.	780.00	0.	0.	0.	1530.00	1535.00	0.
		17.200	397.65	0.00	399.34	5.00	0.	780.00	0.	0.	1530.00	1530.00	1535.00	1535.00
	Y	44.100	399.65	0.	399.68	557.54	33.47	555.88	190.65	0.	0.	505.00	525.00	0.
		44.100	399.66	0.01	399.70	44.50	0.	564.27	215.73	0.10	505.00	505.00	525.00	549.50
		44.110	399.69	0.	399.69	559.45	311.51	118.50	349.99	0.	0.	514.00	520.00	0.
		44.110	399.60	-0.09	399.76	30.00	218.82	423.16	138.02	30.00	500.00	514.00	520.00	530.00
		13.200	399.72	0.	399.72	559.35	299.73	78.70	401.57	0.	0.	500.00	506.00	0.
		13.200	399.46	-0.26	399.76	25.00	139.46	518.18	122.36	25.00	490.00	500.00	506.00	515.00
	Z	43.000	399.72	0.	399.72	631.54	274.02	128.85	377.12	0.	0.	480.00	500.00	0.
		43.000	399.76	0.04	399.79	50.00	65.64	561.22	153.14	50.00	470.00	480.00	500.00	520.00
	AA	42.000	399.72	0.	399.72	1219.20	387.74	80.62	311.64	0.	0.	955.00	975.00	0.
		42.000	399.77	0.05	399.82	40.00	75.54	628.27	76.19	40.00	945.00	955.00	975.00	985.00
	AB	41.100	399.70	0.	399.73	497.85	174.22	496.51	109.28	0.	0.	815.00	835.00	0.
		41.100	399.77	0.06	399.88	20.00	0.	780.00	0.	20.00	815.00	815.00	835.00	835.00
		41.110	398.92	0.	400.53	5.00	0.	780.00	0.	0.	0.	475.00	480.00	0.
		41.110	399.08	0.16	400.66	5.00	0.	780.00	0.	0.	475.00	475.00	480.00	480.00
		9.200	405.43	0.	406.23	5.00	0.	780.00	0.	0.	0.	475.00	480.00	0.
		9.200	405.59	0.16	406.37	5.00	0.	780.00	0.	0.	475.00	475.00	480.00	480.00
	AC	40.300	406.46	0.	406.46	655.31	247.32	419.23	113.44	0.	0.	725.00	745.00	0.
		40.300	406.60	0.14	406.61	77.22	248.75	425.42	105.83	0.08	685.86	725.00	745.00	763.08

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
39.000	406.47	0.	406.47	1861.37	542.45	43.33	194.21	0.	0.	1495.00	1512.00	0.
39.000	406.61	0.14	406.62	80.00	233.76	383.13	163.10	80.00	1460.00	1495.00	1512.00	1540.00

SUMMARY OF ERRORS

CAUTION SECNO= 98.110 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 98.110 PROFILE= 1 MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 53.200 PROFILE= 1 HYDRAULIC JUMP D.S.

CAUTION SECNO= 45.200 PROFILE= 1 HYDRAULIC JUMP D.S.

CAUTION SECNO= 68.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 68.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 68.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 68.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 68.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 68.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 66.110 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 66.110 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 66.110 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 66.110 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 66.110 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 66.110 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 21.200 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 21.200 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 21.200 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 17.110 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 17.110 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 17.110 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 17.110 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 17.110 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 17.110 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

FLOODWAY DATA, BEAR TRAP CREEK
PROFILE NO. 2

STATION	FLOODWAY WIDTH (FT)	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
A →101,000	46.	267.	2.9	370.9	369.9	1.0
B →98,100	46.	176.	4.4	371.1	370.1	1.0
98,110	15.	78.	10.1	370.7	369.9	0.8
53,200	15.	104.	7.5	372.0	371.2	0.8
C →94,300	40.	256.	3.0	372.8	372.3	0.5
D → 93,000	30.	196.	4.0	373.1	372.5	0.6
E → 92,000	40.	225.	3.5	373.7	373.1	0.6
F → 90,100	60.	326.	2.4	374.1	373.6	0.5
90,110	30.	172.	4.5	374.1	373.5	0.6
49,200	30.	181.	4.3	374.5	373.5	1.0
G →86,300	60.	366.	2.1	374.8	374.0	0.8
H → 84,000	102.	486.	1.6	374.9	374.1	0.8
I → 82,100	40.	202.	3.9	374.9	374.1	0.8
82,110	22.	115.	6.8	374.8	373.8	1.0
45,200	22.	145.	5.4	376.1	375.1	1.0
J →80,000	30.	180.	4.3	376.4	375.7	0.7
K →80,100	30.	182.	4.3	376.4	375.7	0.7
80,110	22.	135.	5.8	376.3	375.5	0.8
41,200	22.	162.	4.8	377.2	376.2	1.0
L →70,300	36.	247.	3.2	377.4	376.7	0.7
M → 69,000	153.	626.	1.2	378.0	377.1	0.9
N → 68,000	35.	87.	9.0	378.7	378.2	0.5
O → 67,000	130.	429.	1.8	382.2	381.2	1.0
P →67,100	90.	306.	2.5	383.5	382.9	0.6
Q → 66,100	75.	222.	3.5	385.0	384.5	0.5
66,110	8.	53.	14.7	386.7	386.7	0.
37,200	8.	56.	13.9	387.0	387.0	0.
R →37,300	60.	455.	1.7	390.9	390.9	0.
S → 50,100	50.	367.	2.1	390.9	390.9	0.
50,110	40.	262.	3.0	390.9	390.9	0.
33,200	70.	440.	1.8	391.0	391.0	0.
T →49,000	60.	452.	1.7	391.0	391.0	0.
U →48,100	90.	558.	1.4	391.2	391.1	0.1
48,110	90.	542.	1.4	391.2	391.1	0.1
25,200	80.	435.	1.8	391.3	391.3	0.
V →47,100	40.	243.	3.2	391.1	391.3	-0.2
47,110	100.	455.	1.7	391.6	391.3	0.3
21,200	150.	201.	3.9	391.1	391.3	-0.2
W →46,000	111.	700.	1.1	392.1	391.4	0.7
X →45,000	110.	428.	1.8	392.2	391.3	0.9
17,110	5.	45.	17.2	391.6	391.6	0.
17,200	5.	75.	10.4	397.7	397.7	0.
Y →44,100	44.	622.	1.3	399.7	399.7	0.
44,110	30.	449.	1.7	399.7	399.7	0.
13,200	25.	248.	3.1	399.5	399.7	-0.2
Z →43,000	50.	740.	1.1	399.7	399.7	0.
AA→42,000	40.	589.	1.3	399.7	399.7	0.
AB →41,100	20.	296.	2.6	399.8	399.7	0.1
41,110	5.	77.	10.1	399.1	398.9	0.2
9,200	5.	110.	7.1	405.6	405.4	0.2

FLOODWAY DATA, BEAR TRAP CREEK
PROFILE NO. 2

STATION	FLOODWAY WIDTH (FT)	FLOODWAY SECTION AREA	FLOODWAY MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
AC→40,300	77.	1439.	0.5	406.6	406.5	0.1
39,000	80.	1395.	0.6	406.6	406.5	0.1